

1 ZNF517|G3V191 MRPS22|P82650
 2 P2RX7|Q99572 SAC3D1|A6NKF1
 3 ANTXRL|A0A087WVD6 DHODH|I3NI32
 4 ZNF80|P51504 NR3C1|H6V744
 5 ALDH3B2|E9PKY9 GPX5|O75715
 6 HLA-DPB1|A0A0A7C815 GALR2|O43603
 7 RRM2B|A0A0C4DGZ6 OR8B8|Q15620
 8 TRMT44|Q8IYL2 ETV1|C9J4P4
 9 SAP130|Q9H0E3 ND1|A0A059RNK2
 10 MECOM|E7EU48 CYTB|M9V000
 11 GAGE1|Q13065 ND3|A0A059QPN2
 12 HLA-C|C6K4Q8 CD3D|P04234
 13 CYTB|H9NZ28 DLST|B7ZAZ8
 14 FKBP10|K7EM43 ZNF614|M0QYG4
 15 SAT|Q6ICU9 TOB2|Q14106
 16 ND4|A6ZGQ9 PARP3|A0A024R2X5
 17 HLA-DQB1|A0A0A7C7I5 F9|Q19UI5
 18 ND1|D2Y6T1 MAPK7|S4R3I1
 19 COX2|C9D661 ND4|A4ZLA0
 20 HOXA9|A8MVF3 IRF5|I6ZU14
 21 HLA-C|D3U735 PMM2|H3BR08
 22 ARMC6|Q6NXE6 B4GALNT3|Q6L9W6
 23 RAB35|Q15286 RhCE|K9JI17
 24 SEC24D|Q4W5D3 HLA-C|G1ENW7
 25 ZNF707|E9PQ20 SHQ1|Q6PI26
 26 B9D1|Q9UPM9 ARID2|Q4G0S8
 27 MEOX2|A4D127 BCL6B|H0YGW0
 28 HINFP|Q9BQA5 JUND|P17535
 29 EGLN1|R4S1C5 FHIT|O00298
 30 CDC25B|P30305 TSEN34|A0A024R4N9
 31 HLA-A|A0A0A7C8R7 LLGL2|Q6P1M3
 32 AKR7A3|O95154 DKFZp686C04126|Q68D80
 33 HLA-A|A9QVM4 ND5|I3PY41
 34 AOX1|H7C3Q1 AIRE|O43918
 35 ND3|G9LE27 ND1|A6Z7M3
 36 HLA-A|F6IQV6 PSG11|Q12810
 37 BRSK2|H0YCS6 MB21D1|Q8N884
 38 RBM11|P57052 ATP6|D8L3B8
 39 ND5|H9SZZ8 KIAA1377|Q9P2H0
 40 GOSR1|O95249 GATM|P50440
 41 PCBP1|Q15365 SFRS2|Q6NXQ0
 42 TNFRSF4|P43489 ND1|Q85KT8
 43 POLR3D|E7EQ68 ALG8|E9PK79
 44 FM01|Q5QPT3 SEPT7|Q3B7A3
 45 HLA-C|I7B2B6 KCNK17|B2RCT9
 46 LDHC|P07864 KIF21A|A0A024R0V9
 47 SAR1A|Q5SQT8 TMTC1|Q8IUR5
 48 PPP3CC|P48454 ARL17B|I3L1V5
 49 ND2|F1B6I7 HIMAP2|A0A090N8H4
 50 HLA-B|C5J3Z7 TAC3|A0A024RB47
 51 NBPF3|Q9H094 METTL6|H7C1L4
 52 PFK2|Q9UBT0 CAPS|K7EL21
 53 CELF6|Q96J87 G3BP|Q5U0Q1
 54 GABRB2|D1M744 HLA-B|C7FDQ9
 55 CYTB|A0A059QR41 CNN2|A0A087WV51
 56 CYTB|A0A068IXN3 RHCE|A0A0B5JDI7
 57 HLA-A|F8R140 CYTB|Q4F1H9
 58 COX2|A0A059RKP1 HAUS6|Q5VY60
 59 LHPP|Q9H008 PFKFB3|F2Z2I2
 60 SF1|H7BZT1 CALD1|E7EX44
 61 GGA1|Q9UJY5 CELF2|E9PC62
 62 TSEN34|A9C4B9 MAN2C1|A0A0C4DGU9
 63 FEZF1|A0PJY2 NADH4|B1W861
 64 HLA-C|F1CCJ2 ND3|A0A059RR35
 65 CHMP4B|Q9H444 FTH1|Q6NZ44
 66 TIGD4|Q8IY51 HCR|A9XAE3
 67 ADRA2B|A2RUS0 Nb1a00697|Q3LID8
 68 NRAP|Q86VF7 HPS3|Q969F9

69 RAET1H|J7HBD5 FREM3|P0C091
 70 HLA-C|Q27W00 UBE2V2|A0M8W4
 71 ING1|A0A087WXF7 CD44|Q86UZ1
 72 EPHA3|Q6P4R6 CRYAB|E9PJL7
 73 BNIP2|Q12982 SPANXC|Q9NY87
 74 ZNF480|Q05DL7 ATP6|W5VMK3
 75 RAD9B|A0A024RBJ5 ADH6|D6RH17
 76 PPP1R13B|H0YJG1 ANKIB1|H7C2V2
 77 FSBP|Q95073 ORC4|C9J2X8
 78 SLC02B1|E9PRW4 DHODH|I3L449
 79 TOMM7|Q9P0U1 GTPBP8|C9J0K3
 80 AQP4|P55087 CCAR1|F5H7M9
 81 ASRGL1|A0A087WUG3 STYK1|Q6J9G0
 82 AEN|H0YMJ6 PTGFR|P43088
 83 TCHH|Q07283 RNASE11|G3V5L6
 84 F8|A0A2G4 CD44|C1PHC3
 85 SIVA1|O15304 ATP6|Q0ZFE3
 86 MORC3|Q4VBZ9 PTPA|B7ZBP9
 87 NRG1|Q7RTV8 NEK5|E9PIX7
 88 HLA-A|D6ML54 RPS6KA3|Q8TDJ4
 89 NMNAT3|D6R975 UST6|A4IF29
 90 NPHP4|O75161 DNAJC3|Q13217
 91 DKFZp434L0816|Q9NTF8 EFCAB2|H0Y6F0
 92 DEFB131|P59861 ND5|I3Q548
 93 TRPM3|Q9HCF6 PDHX|H0YD97
 94 SLC19A3|C9IZI1 PON3|Q15166
 95 ADGB|H0YBE5 ZNF69|C9JR48
 96 NCKAP1L|P55160 ND2|Q7GMR7
 97 ND5|Q6VIF3 DDX21|Q9NR30
 98 NEK5|Q6P3R8 GTF2A1|P52655
 99 CCR5|A0A089G3M5 REV3L|A0A087WZU4
 100 ANAPC15|F8WDQ6 CYTB|G5D820
 101 NAP1L4|A8MXH2 RNF32|A0A024RD87
 102 ZNF100|M0R071 BRPF3|F6XDC4
 103 RET|A0A024R7S5 NADH4|Q4GQY8
 104 CELF4|Q9BZC1 NRG1|A0A024QY88
 105 NEK6|A0A024R8A6 HLA-C|M1T4K2
 106 DDTL|A6NHG4 ND4|A4ZLL7
 107 STX18|Q9P2W9 POU5F1|B5B8P5
 108 HLA-A|F6KRM4 HKR1|Q7Z6E1
 109 CNOT3|A0A087X0F9 ND4|E0Y551
 110 OPRM1|O43185 GAS8|O95995
 111 HLA-DRB1|V5JAC9 MAP2|Q6NYC5
 112 ZDHHC17|F8VX48 SEPT7|Q3B7A3
 113 TXNRD1|A0A024RBK9 MZF1|M0R1U5
 114 IL15|P40933 CYTB|V5JMY1
 115 GMPR2|H0YKK3 DKFZp686C06243|Q6MZL5
 116 OR51T1|Q8NGJ9 HLA-C|F2VYL0
 117 SQSTM1|E9PFW8 DYRK1B|A0A024R0M8
 118 BAX|H0YA56 HLA-C|M9P8K9
 119 CDC14B|H7C3U8 RPS6KA1|E9PGT3
 120 HLA-DPB1|A0A0A7C9U1 ATP6|Q3S988
 121 HLA-A|A7MAK2 FLJ00378|Q8NF24
 122 ZNF562|K7EQZ2 DDX20|Q8IYV2
 123 FBX031|Q5XUX0 ZNF419|E5RJT6
 124 RHD/RHCE|Q8NFY0 NPC1|K7ERW2
 125 HLA-Cw|F8SY67 ORC5|O43913
 126 LOC101930165|A0A0B4J2C8 IARS|J3KR24
 127 P2RX5|Q93086 ND4|Q4F0G8
 128 HLA-DPB1|A0A0A7C558 ND4|G5D7V2
 129 ATP6|D7NMC1 UBAP1|Q9NZ09
 130 IGF1R|H0YMJ5 KCTD10|F8W8I7
 131 OR10G2|Q8NGC3 PIGF|Q6IB04
 132 COII|D2Y6Y1 MTHFS|Q96EE9
 133 HLA-C|V5NQV6 NPAS2|Q99743
 134 RINT1|Q6NUQ1 AP1B1|Q10567
 135 ATP6|A0A023QFT6 DUPD1|Q68J44
 136 HLA-DPB1|A0A0A7C5C5 PCDH1|D6RAX3

137	TRPM3 Q9HCF6	RAB38 H0YEA4
138	HLA-C C0KJV4	SIK3 M5FMX3
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140	UTP3 Q9NQZ2	IL26 Q9NPH9
141	GTF3C3 Q9Y5Q9	SLC01B7 G3V0H7
142	C1orf51 Q5TB12	RBM18 Q96H35
143	ETV2 B7ZMD4	PID1 Q7Z2X4
144	FABP5 E7DVW5	TIMM17B V9GYK7
145	NAP1L1 F8W543	FBX018 A0JLR1
146	CYTB A0A023QV63	COX2 A0A059RTZ6
147	COX1 L7XRG2	NUP62 M0QX64
148	CACNB2 A0A087WWJ0	RGS9 Q4QRI4
149	RIT1 V9GY29	PFKFB4 C9K0D8
150	TKT A0A0B4J1R6	EHD1 B2R5U3
151	SAE1 M0R286	RPS9 P46781
152	CREB3L3 Q68CJ9	RBM14 B8ZZ74
153	HLA-C J7F4Z4	TAT P17735
154	CFTR P13569	ASB2 Q96Q27
155	IL1RAP H7C3W4	SLC32A1 Q9H598
156	NUP85 Q9BW27	PTGFR P43088
157	UCP1 P25874	SLC21A8 Q7Z454
158	ND1 W8D6M0	EGFR I3WA73
159	VAMP5 O95183	ILF3 K7EM82
160	SEPT4 J3QRU3	ND2 H9E7G8
161	JAK1 P23458	MLN P12872
162	HLA-C D3JTB0	MRPL34 M0R226
163	PDE7B A1E5M1	LM07 E9PJ10
164	EFEMP1 C9J4J8	ZNF18 J3KTA0
165	ZNF283 K7EL69	HLA-DPB1 A0A0A7C9R4
166	BRCA1 Q7KYU6	HLA-C F2VP93
167	COX10 Q12887	HEL-S-69p V9HWF5
168	IL5RA C9J6C4	SLC25A18 A0A024R0W0
169	EFCAB2 H7BY53	GPR78 Q96P69
170	ITPR1 B7ZMI3	OR5B3 Q8NH48
171	ABCA1 B7XCW9	RPL8 G3V1A1
172	BRIP1 J3KS24	CD8A P01732
173	NFXL1 Q6ZNB6	PIWIL3 E9PIP6
174	CENPN Q96H22	PRKAR1B P31321
175	KARS Q15046	ZNF595 E9PN20
176	BRK1 Q8WUW1	GPR15 B6V9G9
177	PARP10 E9PIK9	INPP1 C9J173
178	RTP1 P59025	MYO5A G3V3C9
179	STX1B P61266	SORCS3 Q9UPU3
180	BRWD1 Q9NSI6	OR4B1 Q8NGF8
181	GDE1 H3BRL5	FTCD D3DSM8
182	DPH5 B3KWP1	ND1 J7HJU3
183	PKIB Q5T0Z6	NECAP2 H0Y970
184	SLC14A1 B4DFJ8	CYLC2 Q6PEJ5
185	EBF4 A0A0A0MSW2	DKFZp564D1864 Q9UFK5
186	PPM1G Q96IN7	TRIM52 Q96A61
187	GMFB G3V3X4	HLA-DQB1 A0A0A7C974
188	HLA-C G1ENS0	hCG_37731 A0A024R045
189	TMPRSS15 P98073	RNF114 A0A096LP02
190	SCAMP5 A0A0A8K8F5	OSBPL1A B0YJ56
191	B4GALNT2 Q8NHY0	HLA-B L7PG43
192	KIF20A O95235	TSPY10 F2Z2I4
193	PDZRN4 Q6ZMN7	C9orf156 Q9BU70
194	RGS19 P49795	HNF1B P35680
195	HLA-DPB1 A0A0A1TSH5	COL4A2 A0A024RDW8
196	GGT7 A4FU32	HLA-C C9WEU2
197	COX1 B2XLJ8	COX1 H9REE2
198	AP4B1 B1ALD1	KIAA1632 Q9BTI0
199	SMOC2 Q9H3U7	CHN2 B3VCG3
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203	RNASE11 C9JHH6	YBEY P58557
204	BCL2L10 H0YMD5	ANXA2 H0YMD9

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 206 TNFRSF10C|Q05D71 APOC2|A0A024R0T9
 207 ACSM2B|H3BM61 AGBL4|B1AMW3
 208 ITPK1|A0A024R6H3 TAF6L|B4DVM4
 209 ND5|H9PV83 MYCBP2|H7C3U4
 210 HLA-C|D5M8B4 ASPDH|M0QZ80
 211 HLA-C|M9P8R2 HLA-C|H6V7S8
 212 FHIT|Q71VB2 CAMKK2|A0A024RBQ0
 213 AREG|P15514 APOE|J9ZVQ3
 214 ND2|A0A068BZL1 DIO1|E9PI35
 215 STC2|E5RG57 EMX1|Q04741
 216 cytb|B2XHT5 ZNF626|I0CMK8
 217 HLA-C|D7NQX8 ZNF33A|A0AUX1
 218 MC4R|A0N0W6 HLA-A|D5LN74
 219 CYTB|H9QXH4 ZSCAN2|F8W6Y9
 220 EPS15L1|A0A024R7G6 ETV1|A0A024RA02
 221 ARFGF2|Q86TH5 OR6V1|Q8N148
 222 CYTB|B5B0I2 IFNL1|Q8IU54
 223 CYP21A2|K9LHV3 SLC34A1|Q86VN6
 224 HDAC10|Q969S8 FLJ00241|Q8TEF6
 225 FBLN2|P98095 HLA-C|E0WBR6
 226 TRRAP|H0Y4W2 ACSM2A|I3L2Y5
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 228 CYTB|A4GWW9 ASF1B|K7ES22
 229 NCAPD3|Q96FA6 KIF23|H7BYN4
 230 GLG1|Q92896 GGN|Q86UU3
 231 ADAM10|H0YNC5 UBE2W|Q96FI0
 232 TGFBI|Q15582 HLA-DQB1|A0A0A7C8X9
 233 MTPP|E9PBP6 VTN|F5GX75
 234 LAMTOR5|E9PLX3 IMPA2|Q6PIP6
 235 TRIM38|A0A024QZY4 HLA-A|J7GM07
 236 F9|Q19UG5 HLA-C|F2X619
 237 HBP1|H7C4S2 MAPK8|A6NF29
 238 CYTB|H9S0T4 SLC22A3|O75751
 239 INSM2|Q96T92 TLR-4|D0EWT7
 240 GAS2L1|A0A5E8 C8orf32|A0A024R9I8
 241 ND3|V9PAU6 WLS|E9PM23
 242 UGT1A3|P35503 EIF3CL|B5ME19
 243 ATP6|A0A059RLI7 OR5K4|A6NMS3
 244 RPRM|Q9NS64 RHD|G8YY14
 245 XAGE3|Q8WTP9 ND6|R9Y8B2
 246 GABRA2|E9PBQ7 HLA-C|G0WJF1
 247 UBE2D1|A0A087WW00 PRICKLE3|O43900
 248 NRF|A3F769 CFTR|Q6KEI7
 249 SLC25A18|A0A024R0W0 CMA1|Q4FEB3
 250 MYL2|P10916 NACAIS4|Q86Y47
 251 MB|Q8WVH6 CYTB|X5BEG4
 252 ATP6|F1AZB5 ZMYND8|A6H8Y8
 253 ZC3H7B|Q9UGR2 IFNL3|A0A0C4DGW8
 254 ZNF791|C9JU55 NTAN1|Q96AB6
 255 KIAA1217|Q5T5P2 PRDM9|D2KI91
 256 UCHL3|Q5TBK7 COL5A1|P20908
 257 ND2|Q7YCF2 KATNB1|A0A024R6U1
 258 SLC9A7|Q96T83 CYTB|H9QBC7
 259 UTY|E1NZ91 POLR2J2|Q86UW4
 260 white|O43576 MECP2|A0A075BPH5
 261 PRAMEF11|B7ZMC2 HOXC13|P31276
 262 FLJ33641|A0A024QZS2 ZNF143|P52747
 263 KLK15|M0QX22 OR1D5|P58170
 264 SPTLC3|B1AKS3 SART3|F8VVK9
 265 COX3|K4GWK0 PPFIA3|O75145
 266 TRIM13|O60858 RPL23|J3KTJ3
 267 RPS3|E9PJH4 LM07|E9PMT2
 268 ARHGAP25|B7Z8K7 QSOX2|H0Y430
 269 ZCCHC13|Q8WW36 TOP3A|K7EL07
 270 PARP6|A0A024R5Z4 DAG1|A0A024R2W4
 271 RAB5A|P20339 HLA-B|D2DKF7
 272 HLA-C|G1ENS1 ND3|Q4F2M4

273	IL17RE Q8NFR9	CD19 P15391
274	PARP3 C9J9C7	FADD Q6LCG1
275	MAN2C1 Q9NTJ4	PAX6 Q7Z5Y4
276	RABL2B Q9UNT1	TRMT1 K7ERR5
277	POLR2F U3KQS8	ZC3H11A O75152
278	CRYAA P02489	CDKL3 B4DX41
279	HLA-B D5FZK5	ATP6 A6YW69
280	CEBPB Q9BSC0	RHCE F6XSS0
281	C9orf9 Q96E40	POR B2R6E5
282	HBB Q9UP81	HLA-C D6MJI6
283	ND5 H9T1U8	FGFR1 B5A958
284	SEMG1 Q6Y806	COX1 R4IA65
285	SNX22 Q96L94	COX3 D7P661
286	ZMYND12 Q9H0C1	NADH2 Q4GJJ7
287	COX2 H9QLC8	ACOT1 A1L172
288	MC1R Q1JUM5	KLHDC3 Q9BQ90
289	ZNF589 A0A024R2U0	HSD11B1 P28845
290	IRP1 Q9HBB2	ND1 E2FQK2
291	HLA-C F6IQJ8	CYTB A0A096WAR5
292	TK2 A5PLM0	DHCR7 X5DNI9
293	CLYBL Q5JVC2	ZNF550 M0QWZ8
294	TPK1 F8WCM7	ND5 B2XQL2
295	SLC2A5 K7EJZ0	IL8RB Q53PC4
296	ND4 A0A059RLS4	HLA-C F6KS02
297	BCAN Q96GW7	COX1 B2XPY6
298	ZNF418 Q8TF45	GLT8D2 Q9H1C3
299	MAGEF1 Q9HAY2	HLA-B G1EMN5
300	CRIM1 Q53TH9	HLA-A B6VA02
301	ASAH1 B1B5R9	ZNF529 Q6P280
302	AP3S2 H0YLY6	UBP1 A0A024R2L0
303	NCOA6 F6M2K2	HNRNP1 D6RF17
304	RPS27A Q8WYN9	ND5 E5E0X0
305	MORF4L1 Q0VAE4	CYTB A6Z9Z1
306	ABHD5 Q8WTS1	PARP6 H3BRR4
307	CYTB Q0Z7G8	HLA-DQB1 F8LFZ3
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309	RANGAP1 B0QYT4	CYTB G9LLU9
310	HEL-S-308 V9HWC8	CEP192 H0Y966
311	PHKG2 A0A024QZE8	TRPV6 Q9H1D0
312	OR1N1 Q8NGS0	SLC37A2 A0A024R3J2
313	FLJ00100 Q9H7I6	SAR1B D6R9R5
314	KLK15 M0R0D7	CCR7 P32248
315	GIT2 A0A024RBI8	FOXN1 O15353
316	CDK15 Q96Q40	GRIN2D O15399
317	ZNF326 Q5BKZ1	FLG Q03837
318	DTNBP1 A6NFB8	BYSL Q13895
319	ATP13A1 Q9HD20	PDE4C O43850
320	COPS8 Q99627	UACA H0YN48
321	MYO16 F8W883	CANX P27824
322	hCG_1685807 A0A024R4S8	TNRC18 H9KVB4
323	OCT6 Q16423	RALGAPB Q86X10
324	CACNA1H A2SX38	CPLX2 Q6PUV4
325	COX3 Q3S961	RPS3A P61247
326	DUS1L J3QLE4	ITGB1 E9PQJ2
327	ARPC5 B1ALC0	MYB E9PJF1
328	GTF2A1L Q9UNN4	ATP8 D1G3X0
329	ITGA3 P26006	BGLAP P02818
330	CYB561 J3QS47	FHL1 Q5JXI0
331	ALK F0UY65	CDKN1C B2D1N3
332	ZBTB45 Q96K62	ADAMTSL2 B1B0D4
333	DKFZp686J1732 Q63HN4	SBK1 Q52WX2
334	HLA-B G3D6I7	CRX A4GUB7
335	DROSHA Q9NRR4	STAT2 R9QF99
336	RNF19A E7EQ63	DGKQ P52824
337	PNLIPRP1 E9PRT6	HLA-C V5LM38
338	NOS3 P29474	CANX D6RAU8
339	SGMS2 Q8NHU3	POLR3G D6R921
340	DCAF8 Q5TAQ9	DLGAP4 Q9Y2H0

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 344 GZF1|Q9H116 GPSM1|Q86YR5
 345 ATXN3|D3VVH2 OR56A1|Q8NGH5
 346 CDKN1B|Q6I9V6 ZNF473|M0R032
 347 ATP2C1|H0Y9V7 CYTB|H9NW64
 348 SLC16A6|A0A024R8J3 COX3|A0A023Q4K2
 349 ZNF331|E7EPG5 NTHL1|P78549
 350 CALD1|Q6PJM5 PCSK6|A0A087X025
 351 HLA-C|F2X643 RHD|T2LLM0
 352 MAP4K4|O95819 ND1|C8YBG9
 353 KIF5B-RET(NM_020630)_K24;R11|M1VE91 RGL4|B5MCW5
 354 ND5|Q9B303 CACNB4|H0Y476
 355 NUDT15|Q9NV35 STAT1|H7BZB5
 356 SSR3|Q9UNL2 ARL5C|K7EM39
 357 HLA-B|O19782 ZNF219|G3V3F2
 358 SCNN1A|C5HTY8 RASGRF2|D6RAS9
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 360 COX1|Q5Q1W2 MICA|Q9UE02
 361 SLC24A2|Q9UI40 HLA-A|U5YKD6
 362 HLA-B|Q0PHV3 TPO|Q6P534
 363 HLA-C|D3U753 HLA-C|D7NP32
 364 HLA-C|G9HW90 ATP6|A6YUI6
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 366 COG1|E9PBL8 CDH3|J3QL41
 367 SPCS1|X6R2S6 IL2RB|P14784
 368 KLK2|A0A024R4J4 TRIM8|Q9BZR9
 369 MSH2|C9J809 CHRNA3|D3DW87
 370 TMEM176B|Q3YBM2 C2CD2L|O14523
 371 HLA-DPB1|A0A0A7C6N6 NGL1|Q4JIW0
 372 NBR1|A0A024R1V3 HECTD2|Q5U5R9
 373 UBE2E1|C9J2P0 ATP6|F2WIP1
 374 COA6|X6R5Z6 LIAS|Q6P5Q6
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 377 RAB5B|F8VWZ7 KEL|Q0KH93
 378 HLA-C|D7NNV6 ZCCHC10|G3XAM1
 379 ZNF174|Q15697 ZNF385A|F8VWV6
 380 SLC34A2/ROS|A9YLN5 WFIKK2|Q8TEU8
 381 OR1M1|Q8NGA1 ATP6|A0S0T0
 382 RNF4|P78317 RICTOR|Q6R327
 383 SMARCE1|J3QKS7 EXOC2|Q96KP1
 384 ND4|E9LBP6 DCDC2C|A8MYV0
 385 DNAJC1|A4VCI1 G3BP2|D6RBW8
 386 PARVG|Q9HBI0 SCAMP4|A0A087WVT5
 387 DSPP|B7SFD2 RABL2A|Q9UBK7
 388 RERE|H7BYW9 PGIS|Q6LEN0
 389 hCG_1821276|A0A024RCJ8 FGD5|A3KMQ0
 390 MC4R|K4MUE5 EPB41L2|E9PK52
 391 F8|E3VWA4 LCE2C|Q5TA81
 392 APTX|E7EV87 BPTF|F5GXF5
 393 STX10|F6RTM7 ZNF575|Q86XF7
 394 cytb|Q4G7D5 cytb|Q4GA99
 395 HLA-C|F6IQL1 LEPREL4|Q92791
 396 OR6C68|A6NDL8 SLC02B1|E9PRW4
 397 HLA-A|T1WF44 COI1|C5H6M3
 398 COX2|A0A059RRG1 RANGRF|Q9HD47
 399 CS|F8VRP1 YTHDC1|J3QR07
 400 SCN8A|Q9UQD0 HLA-DPB1|A0A0A7C5B7
 401 NUDT21|A0A024R6W2 ND5|X5CF88
 402 IFNA|V9GZU1 MST161|Q7Z4B2
 403 BCL2L2|G3V3G8 TPP2|P29144
 404 ANO1|Q5XXA6 MCUR1|U3KQP8
 405 CYTB|Q6VLV1 DKFZp781H1314|Q68DB0
 406 DKFZp666P0310|Q658W0 NME8|C9JG62
 407 ZNF479|I0EZ75 RPS26|Q75MH1
 408 STMN1|A2A2D0 CNDP2|J3QKT2

409 GGT1|E7ETU4 ATP6|C7AAU4
 410 RNF14|D6R988 EPB41L3|J3QKK4
 411 OR10X1|Q8NGY0 AMPD1|P23109
 412 CYTB|A0A059QQP1 RNF187|Q5TA31
 413 ARPC1B|F8VXW2 LTBP4|A0A087WUU1
 414 KHSRP|A0A087WTP3 CCNI|H0YA27
 415 NLE1|Q9NVX2 PPARGC1A|Q9UBK2
 416 RP1L1|A6NKC6 HLA-DPB1|A0A0A7C8Q0
 417 DKFZp686N0154|Q6MZH7 COX1|A0A059QLZ6
 418 PTRHD1|Q6GMV3 PAICS|P22234
 419 ZNF430|M0QXG3 GLS2|Q9UI32
 420 NIT2|F8WF70 DCX|O43602
 421 NDUFB1|O75438 HNRNPA2B1|A0A087WUI2
 422 PREPL|H7BZP6 SEC11C|B4DI03
 423 ND2|V9JUS8 OXR1|Q8N573
 424 HAUS6|Q5SYF9 DMRTC1|A6QRF2
 425 PLA2G1B|P04054 CYTB|A0A059RLE1
 426 DLGAP3|O95886 ZNF214|Q9UL59
 427 SFRS11|Q6PKC9 USP29|Q9HBJ7
 428 HLA-C|A0A0A7C8M9 CCDC129|A0A087WUB1
 429 RPL5|P46777 MYBL1|P10243
 430 PERB11.1|Q99694 ZNF433|C9JQA6
 431 Cytb|Q6XB68 BCL10|O95999
 432 HLA-DR15|H2BDR9 NCEH1|H7C046
 433 HLA-C|M9P949 UBC|Q96C32
 434 ATXN3|D3VVP9 AHNAK2|Q8IVF2
 435 HTR3A|B3VRH5 HCGV|Q96QB5
 436 ORC2|C9JK08 COX2|A4ZKZ0
 437 ARHGAP19|R4GMS4 KNDC1|Q76NI1
 438 C2orf88|C9JS57 PRDM2|A0A024QZ73
 439 NMT2|O60551 FAT2|Q6PIA2
 440 RAPGEF6|Q8TEU7 EPS15L1|Q9UBC2
 441 AURKB|J3QR41 RAB11FIP3|F6X994
 442 HLA-B|C7E537 KLRC2|P26717
 443 PPP1R12A|H0YIM2 FHIT|P49789
 444 SUCNR1|Q9BXA5 TBX21|Q9UL17
 445 DYNC2H1|H0YEX1 TBC1D3E|A0A087X179
 446 TKFC|E9PJG8 USP25|Q96B65
 447 RAD51L3|Q7Z790 GYPA|P02724
 448 RHD|U5U1V4 SIGLEC12|Q96PQ1
 449 DIP2C|Q86XV3 DGKE|P52429
 450 KEL|P23276 RGS8|P57771
 451 KCNG2|Q9UJ96 PITX3|A0A0B5HSU7
 452 HLA-A|L7X986 BCAS2|B2R7W3
 453 NKX2-5|A1ECB2 LAYN|Q6UX15
 454 LCLAT1|C9JMW2 PAOX|B0QZA9
 455 OR10J3|Q5JRS4 COX3|Q5Y0E5
 456 LPCAT2|H3BU68 HLA-C|D6MLD4
 457 CSN2|W5RWE1 DOK7|Q18PE1
 458 ARSB|P15848 HLA-DQB1|B1PL07
 459 POMT2|G3V4X9 HNRNPDL|O14979
 460 IL10|Q6FGS9 MRPL27|D6RE11
 461 HLA-C|E3SGC1 ND5|A1DV00
 462 ROCK1|D9ZGF8 MCF2|Q5JYJ5
 463 HLA-A|Q2I0Y9 HLA-DRB1|A0AQZ0
 464 ZNF541|H7BXG6 TTLL7|Q6ZT98
 465 PPP1R12A|O14974 GAL3ST1|C9J2M1
 466 SLC9A3R2|H3BUQ9 FRMD7|Q6ZUT3
 467 HLA-C|F2VNS1 GPT2|A0A024R6R2
 468 TRHR|P34981 ZNF577|Q9BSK1
 469 F2|Q86WA1 HLA-C|M9P9H2
 470 AgRP|C6SUN5 ATXN3|D3VVE2
 471 SOD1|X5CN18 PAICS|D6RF62
 472 TRMT1|A0A024R7G3 ABCB4|A7J1R2
 473 DPP9|M0R2A8 COX3|E0Y4D8
 474 FRS2|L7RTG7 ELN|P15502
 475 SIM1|P81133 CYTB|I3PY04
 476 ND1|E2FQK2 RNPC3|Q96LT9

477 TRMT1|K7ENI9 THOC1|A0A087WWS1
 478 COX2|A0A059RI53 LOXHD1|H7BZ41
 479 CNTNAP2|Q75MQ9 CERS2|Q5SZE3
 480 HNRPLL|D6W592 COX2|K7WVJ5
 481 S100A5|P33763 OTUD5|A0A024QZ09
 482 PARK2|M4T2U2 IL9|Q6NZ75
 483 CARM1|K7EPK1 CD300E|Q496F6
 484 ZWINT|A0A024QZJ1 GOLGA1|Q92805
 485 KCNB1|Q2NLD5 CANT1|K7EQT4
 486 ATP13A4|F8W9W3 ZC3H14|G3V256
 487 ND2|A0A059RWS3 CARD8|B5KVR8
 488 DNASE1|I3L0Z9 RHD|A9P3T2
 489 FLJ00123|Q8TES0 SNTG1|H0YC21
 490 LTBP3|E9PR84 POC5|Q8NA72
 491 COX2|Q0Z7D8 HLA-B|K9LDK5
 492 GRIA2|F8W7L6 BEST1|B7Z1N8
 493 CYTB|I3Q7M1 MAFB|Q9Y5Q3
 494 HEL-S-28|V9HWF0 CRBN|Q96SW2
 495 HAL|F8W0V1 PGM2|E9PD70
 496 ND2|A0A059RSE3 MCCC2|Q9HCC0
 497 ARHGEF19|Q8IW93 ARSB|P15848
 498 HIST1H1C|P16403 IYD|F6VN83
 499 IFT81|A0A024RBJ1 HLA-DPB1|A0A0A7C5A9
 500 LRWD1|Q9UFC0 TNFAIP3|D3TTZ7
 501 COX1|A0A059RJY6 ZNF682|M0R067
 502 GAL3ST1|C9JE31 ATP8|A0A023QXN0
 503 QPRT|H3BP73 ATOH7|Q8N100
 504 HLA-DQB1|Q5SU54 JPH2|Q9BR39
 505 UBE2R2|Q712K3 GTF3A|H7C326
 506 HLA-A|A4L9U0 DGKD|C9JY42
 507 PHF6|Q8IWS0 CDKN1C|P49918
 508 XRCC5|Q53TC2 CYTB|A6Z9H2
 509 OR1A2|Q9Y585 ZC3H14|G3V411
 510 ATP6|E5KYE2 JARID2|Q92833
 511 ENO4|S4R3X7 TIGD4|Q8IY51
 512 PKN1|Q16512 DOK3|Q7L591
 513 GALT|G3V223 SLC38A2|A0A024R0W3
 514 TLR4|O00206 C1orf24|A0A024R978
 515 ND5|E5EXP8 RDH8|Q9NYR8
 516 PPARGC1B|Q8TAL0 ND2|A0A059QM62
 517 RAPGEFL1|A0A087X280 MYPN|Q86TC9
 518 ITPR1|Q14643 CYTB|J7HPZ1
 519 MRPS28|Q9Y2Q9 STK11|Q5ZEZ1
 520 ND2|F2WI81 COX8|Q53XN1
 521 ALKBH2|F5H5X2 NAT2|A4Z7H3
 522 KCNJ11|H0YES9 MTMR4|J3QLB9
 523 HLA-C|R4QT87 PCBP4|P57723
 524 HLA-B|F8R8K1 SNTB2|H0YCS0
 525 PRKAB2|O43741 MXD4|Q14582
 526 SFTPB|P07988 GNE|Q6QNY6
 527 CYP2C8|B7Z1F5 PXDC1|H0Y3G1
 528 PHOSPHO2|C9J4G2 HLA-DQB1|U3PYN7
 529 BCR-ABL1|A2RQD4 HBG1|P69891
 530 COX2|D7NUN3 GMPR2|Q6PKC0
 531 DOK7|Q18PE1 KLK2|M0QXQ7
 532 HLA-G|O02928 LHX6|Q3SY65
 533 ARHGAP23|A0A087WTU4 RPL18|A0A024QZD1
 534 CYTB|A6Z8I4 PLCG2|H3BQV5
 535 CFDP1|Q9UEE9 SLC30A8|Q8IWU4
 536 ARHGAP18|Q8N392 RHD|O75102
 537 STX17|Q2TAB5 HLA-A|F4YZT0
 538 SMAD6|O43541 C2orf24|A0A024R432
 539 CCR5|B2KIU2 SYT15|Q9BQS2
 540 ACSM1|Q08AH1 MAP7D1|E9PLH3
 541 MDR3|I7CAJ8 DHRS2|H0YJG9
 542 ATP6|E5DYE4 ATP6|E2DGN9
 543 MYC|B3CJD6 MFHAS1|Q9Y4C4
 544 CTDNEP1|O95476 PARK2|A0A087X1E2

545 SLC25A30|A0A087WWR9 ELOVL5|A0A024RD61
 546 HLA-C|D3JV32 DNM1L|O00429
 547 SFRS17A|Q05DA9 PRSS1|Q53ZV8
 548 RABL6|F2Z2T0 HLA-DQB1|A0A0A7C907
 549 GPSM1|A0A0A0MSK4 ALDH6A1|A0A024R6G4
 550 ND3|A9LYR7 CTC1|J3KSR1
 551 CCDC67|Q05D60 CPA5|C9JRV5
 552 GPR160|Q9UJ42 KRT78|Q8N1N4
 553 OR2V2|Q96R30 ZFAT|Q4KMQ4
 554 VWCE|B4DY31 ND5|A0A068C1Y8
 555 ATP6|A6Z7D7 UTY|F4MHI1
 556 NONO|H7C367 HLA-C|C5J009
 557 RP2|O75695 TAOK3|G3V1Q8
 558 OPTC|Q9UBM4 L-Myc|A0A0A0N0L0
 559 ABCA1|O95477 EPHA5|F8W9W0
 560 TRPM8|C4P721 ATP2A2|B1PM99
 561 SLC19A3|C9J4J5 SCRIB|Q14160
 562 HNRNPF|P52597 REST|A0PJ83
 563 EGFR|Q68GS6 KRTAP2-3|P0C7H8
 564 IL2RG|H0Y8J6 CYTB|F2WIB8
 565 NAGS|Q8N159 TPMT|A0A024QZW0
 566 HLA-B|K9L7D6 PIGN|K7EPJ2
 567 HLA-C|V5NWG0 SMPD1|E9PQT3
 568 NFAT5|H3BP21 GPT2|H3BU54
 569 CSTB|Q76LA1 HLA-C|K9L8E8
 570 ABCC11|A0A024R6R9 ND4|X5CDJ3
 571 SIAH1|H3BU09 CDC25B|B4DIG0
 572 PENK|E5RFR1 ZNF645|Q8N7E2
 573 COX3|T1Q5B9 PPARD|Q03181
 574 HLA-C|G0Z8E9 TRIP13|Q15645
 575 TICAM1|A0A087WVI8 HLA-B|K4JDJ6
 576 Plk-1|Q58A51 HLA-A|D6ML40
 577 AQPEP|Q6Q4G3 PSAT1|A9LS35
 578 LTN1|G1UI34 LEP|A4D0Y8
 579 ZNF490|Q9ULM2 hCG_2015932|A0A024RBA8
 580 ARHGEF4|Q53TH6 ZNF512|G3XAG1
 581 DGKZ|Q7Z5X8 MYB|Q708E9
 582 HLA-C|G0X8T2 HADHB|B5MD38
 583 PPP1R13B|Q96KQ4 NFATC3|B5B2S1
 584 NAP1L1|H0YHC3 AKR7A3|O95154
 585 ND3|H9RFM6 HSR1|Q0EFC6
 586 SLC5A2|H3BP44 CCND3|D6RDF8
 587 TBX18|O95935 ZNF592|H0YM74
 588 SMARCE1|K7EMQ8 COX3|Q6VKA3
 589 HLA-C|E0X9L4 CYTB|G9LEG2
 590 PTN|P21246 DCPS|Q96C86
 591 SNUPN|H3BSK1 CTNND1|E9PKY0
 592 ND5|A6ZH52 ATP6|A0A023I7N7
 593 ADAMTS9|H0Y859 CYTB|A0SCE8
 594 HLA-C|H2BE93 PAX4|Q3KNR4
 595 PSD3|B4DKF8 SLC8A2|M0R1Z4
 596 F8|A0FJ20 ND4|A0A059QH26
 597 FGFBP2|Q9BYJ0 LOC340268|A4D112
 598 ACE|D3DU13 OTUD7B|Q5SZ59
 599 C9orf3|H0Y7A8 ND1|B2Y8W7
 600 ND5|H9PR79 SEC15L3|A5YP36
 601 MRPL24|X6RJ73 TGIF1|F8VZH2
 602 TIMM9|A0A024R648 TRPS1|E5RFF3
 603 GLRX3|O76003 ZDHHC5|Q9C0B5
 604 ATP6|F6K6M4 ATP6|A6YUS7
 605 LIMK1|E9PC47 RRGTT|O60942
 606 UGT1A3|Q75XT5 ND3|L7XJX4
 607 KANSL2|Q9H9L4 PIK3CG|E9PDN7
 608 CYTB|A0A0A0PTT8 COX1|A0A059QN30
 609 RHD|Q2PBC1 HLA-C|F8R1C4
 610 P4HB|I3NI03 SLX4IP|Q5VYV7
 611 GPX6|A0A087X0K3 HLA-DPB1|A0A0A7C9K4
 612 HDAC6|Q9UBN7 CMC4|P56277

613 CHAC1|Q9BUX1 RDX|P35241
 614 CERS2|Q5SZE2 SCN7A|C9JII9
 615 CEP152|H0YN91 PROP1|O75360
 616 HLA-C|G0ZML5 LCE4A|Q5TA78
 617 ZNF367|Q7RTV3 ND2|I6QHI3
 618 NRP1|Q6X907 GMPPB|A0A024R329
 619 NUDT21|O43809 CYTB|B4YH93
 620 SGCB|Q5U0N0 CDK4|P11802
 621 CYTB|A0A023Q6G1 HLA-B|A7MAK0
 622 PITPNB|B3KYB6 AID|Q8NFC5
 623 COX1|B1NTV9 HLA-C|J7K7F4
 624 ND3|I1E497 EHF|E9PQX0
 625 HLA-B|O62900 TXLNA|P40222
 626 ADSL|A0A096LP92 OR10G3|Q8NGC4
 627 PROSER2|Q86WR7 COX2|H9SYF8
 628 PARP6|Q2NL67 HEXA|H3BU85
 629 CTNNA1|E5RGS1 DRD3|P35462
 630 LARP1|Q6PKG0 SNRNP27|Q8WVK2
 631 c-erbB-3|O75810 KIF5C|Q6PJC4
 632 RIMKLA|Q8IXN7 PCDHB16|Q9NRJ7
 633 RHD|I6UL51 FLG|Q03839
 634 MOBKL1A|B3KSH6 XPC|X5DRB1
 635 HLA-C|D6MKW1 CUL4B|Q13620
 636 LYG2|C9J4J0 GPR45|B5B0C1
 637 HBB|Q9H1I6 HLA-C|D7NNZ9
 638 ZNF658|A0A087WVA2 ZFAND5|O76080
 639 HLA-DQB1|Q0VJC4 TLR-4|D0EWT7
 640 PDZD4|Q17RL8 RNASE7|D3DS13
 641 HLA-C|M9PAC6 LAGE3|Q14657
 642 GATF-C|A9ZM15 LYPD2|F1T0L0
 643 ZDHHC20|Q5W0Z9 c1one|Q7GHE2
 644 STK39|Q9UEW8 BCOR-RARA|E3UVQ2
 645 CARM1|K7EIQ8 SH3GL3|A0A024R215
 646 BARHL1|Q9BZE3 VRK1|Q99986
 647 GALT|Q16554 CYTB|V5JMY6
 648 BMP3|P12645 ARSB|A0A024RAJ9
 649 UGT1A6|H7C5F8 AADACL3|Q5VUY0
 650 DKFZp781H1314|Q68DB0 COX1|Q0Z7J1
 651 HPCAL1|P37235 AGAP4|A0A087WSV4
 652 LHX3|F1T0D8 KEL|A0A077QPI2
 653 CYTB|V5JRF1 CCDC67|Q05D60
 654 WDR55|Q9H6Y2 HLA-DQB1|A0A0A7C5Z5
 655 DGKI|E7EWQ4 HLA-C|G1EQJ4
 656 CNGA1|P29973 HLA-C|E3SGB8
 657 DHDDS|Q5T0A2 CALM1|Q96HY3
 658 SYN3|O14994 ALKBH3|E9PN35
 659 MRPS21|A0A075B746 CYP27A1|Q02318
 660 GSTCD|Q8NEC7 CAPN1|E9PQB3
 661 UTY|F4MHI2 TXNRD2|A4FTY4
 662 TTK|D6RFY1 SEPT11|Q9NVA2
 663 HUS1|C9JA95 MCF2|Q5JYJ5
 664 NR3A2|F1D8N3 GTF2H3|F5GX35
 665 FAM20C|Q8IXL6 SPHK2|A0A024QZH5
 666 ABI-2|Q53RS4 ERCC6L2|F2Z2R4
 667 RPL36A-HNRNPH2|H7BZ11 FADS1|C9JJB3
 668 OR6S1|Q8NH40 AFAP1L1|Q8TED9
 669 CYTB|A6ZDE8 E2F7|H0YIF4
 670 ND5|A0A023Q6E7 HLA-A|G0Z8C0
 671 KAT14|A0A075B6H4 ACADSB|P45954
 672 SLC7A3|Q8WY07 DEFA4|P12838
 673 LOXL4|Q96JB6 NEK6|Q5TBH2
 674 RABAC1|Q9UI14 KIFC3|F5H3M2
 675 MAP7D1|C9JIR3 TBC1D8|O95759
 676 POMK|Q9H5K3 ZNF366|Q8N895
 677 TAF7L|Q5H9L4 ACKR2|V9GZ70
 678 RASGRF2|O14827 HNRNPU|Q00839
 679 SPEN|H0Y5U7 FOXH1|Q6P0Y2
 680 ATP6|B2XI44 SYNDIG1L|A6NDD5

681 CYTB|H9T456 ISCU|B1P7G3
 682 HLA-B|O19746 HNRPH3|A0A024QZK8
 683 RHD|Q99906 CABIN1|A0A024R1E5
 684 PRAMEF2|O60811 ND5|A0S8I1
 685 CDKN1C|P49918 ND4|A0A075X860
 686 DSCR3|O14972 COX2|B3DE06
 687 PI4KB|E9PL47 MEFV|D2DTW2
 688 PRDM9|D2E492 IFI27|A8K0H0
 689 LARP7|H0YA82 PLD5|Q8N7P1
 690 HLA-A|Q6IV48 HLA-C|E2DHB3
 691 HLA-A|U5YMP9 HLA-C|F2VNS4
 692 VIT|Q6UXI7 HLA-A|D5FHK0
 693 ELP4|Q96EB1 ADPRH|P54922
 694 KRT8|F8VQY3 POLB|E9PIC6
 695 PRDM9|I7AFR5 MED13L|H0YIQ7
 696 PGA3|P0DJ08 TH|P78428
 697 HLA-A|E9LY02 FEN1|Q6FHX6
 698 B4GALNT1|F8TDK5 cox2|X2D4F2
 699 DDOST|A0A0C4DGS1 NUDC|Q9Y266
 700 THG1L|E5RIQ8 HLA-DPB1|U5IQH5
 701 ADAMTS4|O75173 EPRS|Q3KQZ8
 702 HLA-DQB1|S6CPW3 HLA-C|M9P9A7
 703 SLC25A45|Q8N413 THAP10|Q9P2Z0
 704 OR5H15|A6NDH6 ATP2B4|A1X4Q1
 705 DKFZp686005147|Q7Z3H6 FFAR3|B0M0K0
 706 ND4|R9Y323 CNN2|Q99439
 707 RBFOX2|F8WSN4 COX2|I6UIH6
 708 PSMA4|H0YKT8 STX10|K7EIIY4
 709 ATP8|A0A059RUI7 RSU1|Q15404
 710 CNOT2|H0YH84 GPSM2|P81274
 711 ST6GALNAC3|A0A087WWK2 Dnahc9|Q92865
 712 SRRM1|M0R088 PSEN1|Q6F4C0
 713 HLA-C|U5YC28 PEG10|A0A087WZG9
 714 TFF2|Q03403 CDK7|D6R9Z2
 715 PLEKHA7|Q6IQ23 HLA-A|M9P8H1
 716 PPP3CA|Q08209 HEL37|V9HWG4
 717 CYTB|H9PPW3 EGR1|Q546S1
 718 FOXP1|H0Y882 CA1|E5RFE7
 719 CYTB|F5CV08 EXOC3L4|Q17RC7
 720 BIRC8|Q6PIA0 MDH1|B9A041
 721 WRB|Q0VGA7 INSRR|P14616
 722 ARAP3|G5E9Y3 HLA-C|I6M563
 723 HLA-C|M9P9C9 TSC22D3|D6RDZ9
 724 HLA-C|M9PAG0 HLA-C|C6K4K1
 725 NOSIP|M0R1T7 ATP6|D7NMC1
 726 ND5|A9UJI6 FLJ13057|Q53SE7
 727 PDPDF|Q9H3Y8 MARK4|K7EK17
 728 ND5|G5D8Q2 FRMD5|B5MC67
 729 ND4|Q4F0N3 KCNK1|A0A024R3T2
 730 ND2|A0A059RSB6 PPIL1|Q9Y3C6
 731 BMPR2|Q13873 TREML2|Q5T2D2
 732 CYTB|D6C3T8 KCTD1|Q719H9
 733 H2AFY2|Q5SQT3 TMEM135|Q86UB9
 734 COX3|A0A097Q0W3 AP1M2|Q9Y6Q5
 735 DUOX2|S6CBA9 ANGPTL6|Q8NI99
 736 NOS1AP|O75052 EIF6|A0A0B4J1Y7
 737 COX1|E2FPB2 SLC9A5|J3KSE2
 738 NAA10|A8MWP7 TLR5|O60602
 739 RPS11|M0QZC5 HMGB4|Q6NSH1
 740 ZNF835|Q9Y2P0 RPL7A|P62424
 741 TRPC3|D6R902 OR5P3|Q8WZ94
 742 HLA-A|R4I501 SPC25|Q9HBM1
 743 GTF2E2|E5RH41 HLA-A|A0A0A7C830
 744 GAL3ST1|C9JTV3 HKR1|Q7Z6E1
 745 TMC5|Q6UXY8 CACNA1A|A0A087WW63
 746 KIF12|B1ALC3 PTPRC|A0A0A0MT22
 747 GPATCH2|Q9NW75 AGO3|Q9H9G7
 748 TLK2|J3QS44 SLITRK6|Q9H5Y7

749 LEF1|Q9UJU2 RAB5C|F8VSF8
 750 KLF8|A0A024R9X4 MBD3L4|A6NDZ8
 751 TRIM55|Q9BYV6 CSH2|A0A087WX75
 752 KCNE4|Q2N1I0 CACNA1B|B1AQK6
 753 ACY1|Q03154 GSN|A0A0A0MS51
 754 COX3|W8DE98 HEL-9|V9HVX6
 755 ATP6|H9QQA8 MMRN1|E7EPG1
 756 HLA-G|O02924 HLA-DR15|E3SWP0
 757 KCTD21|E9PJJ5 TRIM31|Q2L6J1
 758 CSAD|J3KPG9 DNPEP|Q53SB6
 759 SLC12A6|A0A024R9K8 HLA-DQB1|Q5Y7A9
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 761 CTSS|U3KPS4 ND1|H9RVE9
 762 RUFY1|Q96T51 HEXIM1|O94992
 763 CASK|O14936 OR2T27|Q8NH04
 764 FAM48A|Q0D2Q4 EXOC6|F2Z3K0
 765 ETNK2|Q9NVF9 HLA-B|G0WVB6
 766 POLG|H0YDF1 POLR2B|C9JZW8
 767 RNF157|Q96PX1 CENPN|H3BRU7
 768 SLC5A12|Q8IUS7 ZNF800|A0A087WXB4
 769 CORO1C|H0YHL7 DKFZp686K101|Q5HYD7
 770 ND5|A0A023Q8L4 SHC4|Q6S5L8
 771 SHMT2|G3V540 HLA-C|H6V090
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 774 EPS8L1|Q8TE68 EHHADH|A0PJI6
 775 CCHCR1|E9PGB6 UGT1A3|A9UKC9
 776 HEG1|H7C4K2 CYB561A3|Q8NBI2
 777 CALD1|C9JE79 TNFSF11|O14788
 778 ESPL1|Q14674 FGF13|A8K1P5
 779 ND3|A0A059QF42 TRIM5|E7EQQ5
 780 ND2|H9RM84 RABEPK|Q7Z6M1
 781 SERGEF|H0YEV5 EHMT2|A2ABF8
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 783 SRC|P12931 HEPH|Q1HE23
 784 CYTB|N0BLF8 RAET-1E|I2GUA5
 785 HLA-B|C9WCY5 HTT|P42858
 786 HLA-DRB1|F4YZX2 CPNE5|Q9HCH3
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 788 PCDH15|E7EMG0 ND3|A0A059QN78
 789 RNF182|C9IZ30 SIDT2|A0A024R3J6
 790 AKT2|P31751 HLA-A|C0M140
 791 HLA-A|F8R115 HLA-B|A0A0A7C977
 792 MUTYH|E9PM53 HFE|Q9HC69
 793 CENPC|H0Y8J2 HLA-C|A2BCW0
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 795 HLA-B|Q29637 LUC7L|Q1W6G4
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 811 CYTB|Q4F5Y9 HLA-A|A0A0A7C6V5
 812 MYB|A0A087WTI6 CASP14|P31944
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 819 SLPI|P03973 ASCL1|P50553
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 823 ZBTB10|Q96DT7 CYTB|A0A0A0PVE0
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 840 GALT|P78433 RHD|Q96KU1
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 857 TUBB1|Q9H4B7 CAP2|A0A087WZ15
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 861 PPIP5K2|D6RBU4 HLA-B|F8SKX1
 862 CYTB|A1DV02 FLJ00080|Q6ZWP8
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 864 HLA-DPA1|A0A0C7DV97 TMOD2|Q4G0W6
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 882 ND5|A7XT63 cytb|Q85KS7
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889	IGF2 E3UN46	AP2B1 H0UID5
890	COX4NB Q53Y03	PRKAA2 K9J960
891	RNF212 D6R9L2	ND6 X2C0J3
892	CC2D1B Q5T0F9	MAPK4 K7ELV1
893	ALB P02768	ND2 W8DJA5
894	HLA-DQB1 U3PYN7	FGF3 P11487
895	PDCD4 Q53EL6	HLA-DQB1 C7FF12
896	UCN P55089	TRAIP E7EVC4
897	ND6 Q2HLE2	TARDBP G3V162
898	PELI3 A1L176	SLC9B2 D6RGJ7
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901	RABL2A E7EWW3	HTR2A P28223
902	HLA-A G1EPG4	PRCP P42785
903	ADAR H0YCK3	hfzo1 Q4AEJ3
904	IGHMBP2 H3BRR1	HLA-B D4HPB2
905	E2F1 Q01094	MED14 U4PZJ2
906	TGIF2LX Q3ZCM9	CMTM4 Q8IZR5
907	UGP2 C9JVG3	C9orf9 Q96E40
908	LGALS8 Q5T3P9	SLC15A5 A6NIM6
909	UBR5 E7EMW7	RhCE K9JIR2
910	CD3G B0YIY5	MAGOH P61326
911	FRMD5 B5MC67	HLA-A M1FUQ9
912	HLA-B M9P990	UTX B7ZKN6
913	RHD G8YY12	CPLX2 Q6PUV4
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916	UGP2 Q16851	HLA-Dw12 Q29969
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925	CYP20A1 F8WBE2	ARHGAP15 H7BZM0
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927	HLA-C H9BQ93	CYTB A0A023QRE4
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930	PPP3R2 Q96LZ3	RIOK3 B0YJ89
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932	GALM H7C320	ND3 H9MNC8
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936	FBX033 Q7Z6M2	KIAA0427 A0A024R259
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940	MYT1L R4GMY9	WARS P23381
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947	ATP6 Q4F407	PTBP3 X6R242
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950	ATXN3 D3VVS9	DUX4L5 P0CJ88
951	USP25 Q96B65	ABAT H3BNQ7
952	HLA-A Q9TQG6	TXK Q6LD13

953 CD44|H0YDX6 TRPC7|Q70T24
 954 COX3|H9NYP2 USP32|K7EQL6
 955 COX1|T1Q7E3 MARK1|X5D7J4
 956 HLA-B|M9P9K3 PDGFRB|E5RII0
 957 HLA-DQB1|A0A0A7C621 BILIQTL1|I6VBU3
 958 TLR8|Q9NR97 HLA-B|M9VP12
 959 ND3|A0A059RPQ1 RYBP|Q8N488
 960 GLTPD1|Q5TA50 ATP6|D6N5X2
 961 CHI3L1|A0A024R969 FANCC|A0A024R9N2
 962 DGAT2L7P|Q6IED9 COX1|B5M7Y6
 963 BBS2|J3QLW0 TGIF1|F8VXG3
 964 HLA-C|G9HWA1 HLA-A|G1ENZ9
 965 ARHGEF11|O15085 ZNF587B|E7ETH6
 966 PLA1A|H7C4H1 CABL1|A7K6Y5
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 969 NAPS1|M0QXC5 CSHL1|A0A087X0G4
 970 TAF1|P21675 ZNF643|D3DPV3
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 973 CLCNKB|Q8WW53 ATP6|A0A097Q3H9
 974 LIMS1|F8WE10 xCT|Q9P1X0
 975 ND4|A0A059RTX8 LALBA|F8VWU1
 976 SDF4|Q9BRK5 YES1|J3QRU1
 977 TMEM201|Q5SNT2 ND4|U3L6H7
 978 HLA-B|A4Q972 CYTB|H9E7A1
 979 SIRT5|Q9NXA8 HNRNP1L|C9IYN3
 980 PIK3C2B|A2RUF7 GMNC|A6NCL1
 981 EPPK1|P58107 ICA1|A0A024RA29
 982 RAB28|H0Y9G4 FCRL4|Q96PJ5
 983 NT5M|Q2I378 WDR45|A6NM71
 984 RHCE|Q0E5G9 AQP4|P55087
 985 ZNF185|B3KPM4 USP17L2|Q6R6M4
 986 SPACA3|E9PF91 SMR3B|P02814
 987 HLA-DQA1|Q67AH7 CLEC2A|Q6UVW9
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 995 NGF|P01138 RBM47|A0AV96
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 997 CYTB|G9C885 CXCR2|C9J1J7
 998 RPL5|Q5T7N0 GABRG3|H0YJ81
 999 PENK|H0YBT5 ND4|H9QUS2
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 1002 COX3|B2YAW2 SCYL1|E9PK59
 1003 RPE|C9J8S0 C6orf224|B7ZL24
 1004 COX3|Q7YCE0 SFMBT2|Q5T981
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 1006 HLA-C|D6MKW8 MCM2|P49736
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 1013 ITGA6|C9JXX7 H2AFY|O75367
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 1016 NUDT17|P0C025 PLD6|Q8N2A8
 1017 SH3RF1|Q7Z6J0 ATF3|Q5VTZ4
 1018 GLIS3|Q8NEA6 IDS|E5RHJ1
 1019 ND4L|F2WG60 UBE2H|P62256
 1020 HLA-A|A0A060VCX2 ZNF285|K7EIK6

1021 COX1|A0A059QJ22 HLA-B|F4NBP0
 1022 RHD|O95489 GPR31|O00270
 1023 ND2|V5JJK6 CACNB2|A0A087WWJ0
 1024 MUC16|Q8WXI7 HLA-DPB1|A0A0A7C5J0
 1025 SERPINA10|Q9UK55 MTCP1|P56278
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 1036 HIRIP3|Q9BW71 FOXI1|E0XEY9
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 1043 HLA-C|H9BYU8 ELL3|C9JHD8
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1116	PCMTD1 H0YBU4	LAMB4 A4D0S4
1117	TRPC6 Q9Y210	KIF3C A2RU78
1118	SCN9A A0A0C4DG82	GNG2 P59768
1119	ATP6 H9R9T3	PSMB5 H0YJM8
1120	FAM19A4 A0A024R369	TASP1 H7BZ38
1121	JOSD1 B0QY57	CCNL2 J3QSH2
1122	TTF2 Q9UNY4	FOSB K7ERZ8
1123	ATP8 C5MNC7	ATPase Q4GE32
1124	EHD1 C9J2Z4	STC2 O76061
1125	FADS3 A0A024R564	SH3RF1 H0YA90
1126	HLA-A I6NWN3	pp6425 Q8WYU6
1127	HLA-C E3SWM4	AKIRIN2 Q53H80
1128	HLA-C E0X9M1	COL4A6 Q14031
1129	HP J3QR68	TAF9B Q9HBM6
1130	U2SURP E7ET15	MECP2 B5MCB4
1131	ACOX1 K7ESC7	RGL3 H3BN42
1132	AP2B1 A0A087WZQ6	DPB1 Q29773
1133	GDI2 V9GYJ7	NPAS3 X5DNV7
1134	ATP7B B7ZLR3	HLA-DPA1 O98050
1135	GNA13 A0A024R8M0	DCC E7EQM8
1136	GPSM1 Q86YR5	TCF7 H0YAR8
1137	IL12RB2 A0A0A0MTN7	GPR64 A0A024RC03
1138	MEF2B B3KQ23	SLC2A3 F5GYR5
1139	DKFZp686G12235 Q63HL5	COX3 B5M8C0
1140	ZSCAN29 A0A0C4DGM2	CITED2 A0A0A0MTM3
1141	DPH5 Q9H2P9	TBC1D16 Q8TBP0
1142	APOA1 F8W696	COX1 A6ZGQ2
1143	ARHGAP15 Q53QZ3	SPRED2 C9JG63
1144	ATP13A3 C9JAP7	CHSY3 Q70JA7
1145	USP28 G3V1N5	COX3 I3Q7D7
1146	FZD1 Q9UP38	TPBG Q13641
1147	INPP1 X5DRF6	ND1 Q5Q6N2
1148	TCFL5 Q9UL49	COX3 A0A059RSC0
1149	CENPN H3BMC7	BANF2 Q9H503
1150	ITGA3 H0YA32	CDK16 E5RGN0
1151	HLA-C D7NNY9	TFDP2 Q14188
1152	XPNPEP1 Q5T6H7	NRP1 Q71SW6
1153	ND2 Q6RRL1	NPW H3BT17
1154	USP41 Q3LFD5	COX1 A0A059RGQ1
1155	RPS11 M0R1H6	RTEL1-TNFRSF6B D6RA96
1156	MMP28 C0H5X0	KIRREL Q96J84

1157	COX1 H9E7F6	TTC37 Q6PGP7
1158	SYNE1 F5H422	C1orf192 Q5VTH2
1159	ATP6 Q6RLU8	FUT1 Q4JGW8
1160	RBMS3 Q6XE24	ATP6 Q09U65
1161	GUCA1C Q3SY23	CD44 C0STK4
1162	SNRPD2 K7EJB5	D2HGDH H7C3L2
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1164	TUBAL3 A6NHL2	FGL2 A4D1B8
1165	TRAPPC3 A0A087WYS5	CDK8 Q64FY6
1166	SNAP91 E5RGY9	TTLL6 Q8N841
1167	FOXF2 Q12947	FOXP1 Q9H334
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1170	CYTB Q6VKB6	ORC4L B7Z632
1171	PVR P15151	ANXA3 D6RAZ8
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1174	SORL1 Q92673	MRPS17 Q9Y2R5
1175	Tbx22 C3TX51	CYP1B1 D0EZN6
1176	MDN1 Q9NU22	OAS1 Q1P9K4
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1178	JUNB Q6IBG3	RDX E9PNV3
1179	USP45 D6RC01	EFCAB1 H0YC53
1180	DYNC2H1 Q8NCM8	FEM1C Q96JP0
1181	ND5 H9PIQ3	P2RX2 Q32MC3
1182	HLA-B L7PG46	DMRTC2 Q8IXT2
1183	NAPA M0R2M1	POMC K7QX51
1184	DPP10 Q0GLB9	WNT7B P56706
1185	PRDM16 D6RDW0	CCNF H0Y2P7
1186	RHD I0CKG7	NUCB2 A0A097EV82
1187	NR1H4 F1DAL1	PTCD2 A0A024RAM6
1188	TAF1C Q15572	SPARC P09486
1189	BCL2L2 G3V3B7	KRTAP12-4 P60329
1190	HLA-C C7EAN4	P2RY8 Q86VZ1
1191	MHC-G Q9MW45	MNX1 C9K088
1192	FABP1 P07148	G3BP1 Q32P45
1193	OTULIN D6RD57	SLC15A3 F5H251
1194	ND2 Q15GW0	TRAF4 J3QR87
1195	SHOX O15266	DKFZp686E12166 Q7Z3X3
1196	IFNA V9GZU1	HS3ST1 A0A024R9R4
1197	CORO1B F5H0D2	HLA-C A0A0A7C666
1198	HDAC1 B5BU61	GPR63 Q6NWR9
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1202	CTDSP2 A0A024RBA6	HLA-C V5J9Y7
1203	HK2 P52789	CCHCR1 M1T2K8
1204	MTA2 O94776	MAP2K7 O14733
1205	MOV10L1 Q9BXT6	UTY F4MHK8
1206	COQ4 V9GZ09	SRPK3 H7C2I2
1207	ZNF556 Q9HAH1	RBPM5 Q569H2
1208	UTY F4MH73	PITPNA F5GWE5
1209	NR6A1 C9JDI9	HLA-Cw E5G0X8
1210	SLC1A6 M0QY32	RTFDC1 Q9BY42
1211	UAP1L1 B7ZKJ7	ZC3H7B A0A024R1N2
1212	DSG2 Q14126	ND5 A1Z4G6
1213	MUT S4UM43	CYTB H9S9G9
1214	C10orf104 C5H3H2	ESR1 C8CJK8
1215	HLA-DPB1 A0A0A7C9X3	FUNDC1 Q8IVP5
1216	TLR5 B9VJ75	BRCA1 A0A0A1ESW9
1217	EGLN3 Q3T1B0	SCN4A J3QQZ1
1218	CAMKV Q8NCB2	HLA-C C6K4N7
1219	HLA-C D6C6G2	MED15 C9JJ12
1220	SLBP Q53XR2	APOC3 B0YIW2
1221	SLC36A4 Q6YBV0	MLXIPL Q9NP71
1222	CYTB D7NUV7	CCSER2 Q9H7U1
1223	ATG4C C9JC51	MFS10 D6RIZ4
1224	RHD A0A023W596	ADAM22 E7EPF1

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 1228 ELM03|F8W9E7 CLSTN3|F5H172
 1229 MYBBP1A|Q9BQG0 HLA-DRB1|F4YZX2
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 1231 HLA-DQB1|V6BQS3 FMN2|Q9NZ56
 1232 ND2|G9LJS3 PAK3|O75914
 1233 CYTB|Q6RQR4 CNPY1|Q3B7I2
 1234 TAS2R4|A1L485 POU2F2|U3KQ96
 1235 STK38|A0A024RD18 PARVA|Q9NVD7
 1236 PAPOLG|Q05DB9 SEMA3F|Q13275
 1237 DAK|A0A024R529 FNBP1|Q96RU3
 1238 GON4L|A4PB68 VPS41|P49754
 1239 SEC14L4|B2RMR2 VPS13C|Q709C8
 1240 GPR112|Q8IZF6 NDUFA4L2|Q9NRX3
 1241 ETV1|B5MCT2 FBP2|O00757
 1242 CUTA|C9IZQ5 BMP7|Q9H2W7
 1243 GMFG|M0QYG8 HLA-B|D4HP89
 1244 HLA-C|C5J002 HLA-C|M9PAN3
 1245 DESI2|Q9BSY9 C19orf35|Q6ZS72
 1246 ATP5G1|I3L0Y5 PPA2|A0A0C4DGB9
 1247 UTY|F4MHK5 FANCI|H3BN35
 1248 CYP7B1|Q05C57 SMPD2|O60906
 1249 HLA-C|I7APJ0 SRY|Q6PWT1
 1250 CCDC121|Q6ZUS5 HLA-C|A0A0A7C4S9
 1251 FKBP1A|P62942 ATP6|A0A059RRH2
 1252 COX2|F1AZ87 HLA-DPB1|A0A0A7C8N1
 1253 PGK1|P00558 TNIP1|E7EW15
 1254 cytb|Q85KW7 CTAG1A|P78358
 1255 NAPA|P54920 COX1|R4IBW8
 1256 COX7A2L|O14548 HLA-DPB1|A0A0A7C6Z4
 1257 PRMT1|Q99873 MBD3|O95983
 1258 CPEB3|Q8NE35 HLA-C|C5IZX5
 1259 DAZ4|Q86SG3 RPS13|P62277
 1260 TP53|S5M713 DNHD1|J3QRE5
 1261 FM03|P31513 OR1S1|Q8NH92
 1262 PTPN14|Q15678 HLA-B|E3SWI1
 1263 FLJ00345|Q8NF51 HLA-B|D3XDF4
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 1265 hCG_28847|A0A024R6U6 ATP13A4|H0Y4Z2
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 1270 PHRF1|F8WEF5 HLA-C|A0A0B7NY93
 1271 FBXW4|P57775 LRP1B|Q53S76
 1272 BARD1|F8WCG2 NOL8|Q76FK4
 1273 JUN|Q6FHK0 COX3|X5CAY7
 1274 HLA-C|M9PA01 rps2|Q8J014
 1275 IGFBP2|P18065 ZNF431|M0QZN7
 1276 TPST2|B1AHJ8 ND1|Q85L02
 1277 FceRI|Q14298 HEL-S-277|V9HW53
 1278 CYP2D6|Q38LF9 COX3|U3L3K7
 1279 OGG1|E5KPM8 OPA1|H7C141
 1280 BRCA1|Q3B890 CCDC113|Q9H0I3
 1281 HLA-C|M9P965 ND2|R9Y898
 1282 PSMB10|P40306 ZNF394|Q53GI3
 1283 SOD2|Q6LE88 PPP4R1|J3KSS1
 1284 DUX4|E0Z3H2 RAP1B|F5H491
 1285 HOXA11|P31270 HLA-C|C5IZY2
 1286 HLA-DPB1|Q5EP54 HBG1|D9YZU8
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 1288 IL12RB2|A0A0A0MTN7 KRT39|Q6A163
 1289 TMEM203|Q969S6 FY|Q8IWP5
 1290 CEP295NL|K7EL90 ZNF682|M0R067
 1291 TLR10|D6RHW6 LIMS1|F8WB59
 1292 ND3|A0A059QS00 ATP6|H9RZ95

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1296	HLA-A A3RKJ6	GABRA2 Q8TBI4
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1298	MAGEA6 P43360	ARHGAP23 Q9P227
1299	UTP15 Q8TED0	HNRNPM M0QY96
1300	CEP152 Q3B7A2	ND2 Q5Q3P5
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1302	hfzo1 Q4AEJ3	ROB03 A0A024R3M9
1303	CCT3 E9PRC8	CALML4 Q96GE6
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1305	POLK Q9UBT6	B3GALT5 A0A0A0MS93
1306	RBM7 Q9Y580	F2 P00734
1307	EIF4EBP2 Q6FG68	LM03 F5H3S4
1308	MRPS2 Q5T8A0	MAP4K2 F2Z2B3
1309	NXF3 Q9H4D5	COX1 B2XLA7
1310	ADAM33 Q9BZ11	RAB34 A8MYQ9
1311	CCDC60 Q8IWA6	WASH1 A8K0Z3
1312	RNF113A O15541	ND1 G5D821
1313	CS F8W0J2	RBBP6 H3BSK8
1314	TNFRSF1A F5H6V7	RNASE8 H2FJU5
1315	HTN3 P15516	POMT1 Q5JT04
1316	AMT P48728	ELK3 P41970
1317	PMPCA Q10713	SMG8 Q8ND04
1318	CHN1 C9JR98	DMRT2 A0A0A0MR18
1319	FARSA K7ERS0	ATP6 B5M7X6
1320	NXPH4 O95158	COX1 A0A059RXU6
1321	H3F3B K7EMV3	ATP6 H9SZG1
1322	STX1A Q16623	CYTB Q2HKD8
1323	STIM1 E9PJ19	DKFZp547E046 Q8ND18
1324	FGD4 F8VWL3	GGT1 E9PHP2
1325	LAMTOR5 O43504	SNTA1 B3KTR0
1326	HLA-C C6JSZ0	SBK2 P0C263
1327	TNPO1 A0A024RAM0	UTY F4MHJ8
1328	RPL10 X5D2T3	ABAT X5D2Y3
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1330	TSPAN32 Q96QS1	NP220 Q57Z90
1331	SLC26A1 Q9H2B4	ND4 I6QD14
1332	CCR5 Q5QIN9	BBS1 E7EQH1
1333	HLA-C F4YU88	SESTD1 Q86VW0
1334	UTY F4MHH0	ND2 H9P018
1335	CDC42BPB Q86XZ8	TPTE2 G3V171
1336	KRTHA7 Q6A165	TNFRSF11A Q9Y6Q6
1337	MCAT V9GYY6	SLC22A24 C9JC66
1338	ASPG Q86U10	RREB1 C9JPJ6
1339	DHX30 Q7L2E3	CSRNP3 Q8WYN3
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1341	TH Q7KZ44	ITM2C Q9NQX7
1342	CD163 C9JHR8	SLC22A24 C9JC66
1343	SMC2L1 A0A024R158	Plk-1 Q58A51
1344	ABC9 Q9NP78	GDPD3 Q7L5L3
1345	SOAT1 B1APM4	SEMA3F Q13275
1346	IRF9 H0YNP4	KRT72 Q14CN4
1347	CYTB Q5S8P3	PBX3 H3BLX0
1348	SIGIRR Q6IA17	ANKRA2 Q9H9E1
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1350	DENND6A Q8IWF6	HLA-C A0A0A7C6H8
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 1365 TINAG|Q5T471 ATG2A|H7C3T2
 1366 ESX1|A6ZIU8 CPNE7|Q9UBL6
 1367 FLJ00221|Q8TEH6 ND5|Q4VFD3
 1368 HBG1|D3GKD8 TLR1|D6RAP2
 1369 HLA-DPB1|A0A0A7C9X2 GOLT1B|F5H6U7
 1370 COX2|Q7Y6M3 HLA-DRB1|G9HRN1
 1371 SPINK1|P00995 GIMAP5|Q96F15
 1372 OR2AP1|Q8NGE2 ND4|D6C3M0
 1373 RNASEK|A0A0C4DH85 HLA-DQB1|A0A0A7C6K7
 1374 FADS1|F5GWE3 MYO1A|C9JU63
 1375 HLA-DPB1|A0A0A7C8U2 c371H6.2|Q9NUF9
 1376 HLA-DQB1|U3Q055 MYO9B|M0R0P8
 1377 MGAT5|Q09328 INPP5D|Q92835
 1378 DVL1|A0A024R080 ND3|F2WID9
 1379 PPM1F|C9JL74 CDK13|Q14004
 1380 CTSF|Q6FHS1 EXTL2|C9IYF5
 1381 HLA-A|D7NQ78 FTL|Q6S4P3
 1382 CYTB|H9SYL9 CYTB|B7ZIW0
 1383 EIF4A1|J3KSZ0 CNDP2|A0A024R382
 1384 ND2|Q305R3 DDX5|J3QR62
 1385 COX2|D3YPT7 RGS14|A0A024R7N4
 1386 CYP2D6|E7ENE7 MYC|B3CJD2
 1387 ACYP2|P14621 KBP-1|Q99302
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 1394 MYLK|Q15746 DHRSX|Q8N5I4
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 1396 ANO2|F1T0L7 HLA-Cw|E5G0X8
 1397 SUV39H2|H0Y306 HLA-DQB1|L0BVM0
 1398 HLA-C|F6KS09 PTGR1|Q14914
 1399 AMER2|Q8N7J2 HLA-DRB1|Q1JRP4
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 1402 DARS|Q53T60 PAPOLA|A0A024R6J7
 1403 CTRB2|H3BP92 SPZ1|D6RFL8
 1404 HLA-B|D5FHU6 PRND|Q9UKY0
 1405 ADRA2C|Q4W594 CFTR|A0A024R730
 1406 MDM2|A0A0A8KA17 ZNF93|P35789
 1407 ZBTB8A|D3DPQ1 ANXA2|H0YLV6
 1408 HLA-B|Q2LC91 RHBG|Q9H310
 1409 HLA-C|F2X639 ZNF732|A0A087WTY0
 1410 HLA-DPB1|Q5V8U6 GSTA4|O15217
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 1412 ASAP3|H0YE36 KIF13A|H0Y9Z7
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 1414 ATGL|L7NSP5 QRFP|Q495K5
 1415 TPO|Q53QT2 angiopoietin-2|Q9H4C0
 1416 PRG4|J3KP74 DDX19B|H3BMQ5
 1417 TAP1|Q6QWC1 PROC|Q8J002
 1418 DUS2|H3BRI6 OR9Q2|B9EIK5
 1419 ATP6|F2WHS9 APC2|K7ELQ3
 1420 CEP120|Q8N960 TUBB2A|A5D906
 1421 ABLIM1|A0A0A0MRL6 Na+/H+|O00617
 1422 ACSBG1|H0YMC3 EIF4G1|C9J6B6
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 1424 HLA-B|A0A0A7C4W3 STIM1|Q13586
 1425 SYTL2|E9PS39 GEMIN4|I3L4M4
 1426 KCNK7|A0A024R5F5 SEMG2|Q6IRW3
 1427 RTP3|Q9BQQ7 F10|Q5JVE7
 1428 AC02|A2A274 HLA-A|H6V073

1429 TMEM204|Q9BSN7 CGI-38|A0A024R702
 1430 EXOC8|Q8IYI6 IFNK|Q9P0W0
 1431 SOD1|X5CHU1 MLEC|Q14165
 1432 ND2|D9MZU0 SLC14A1|H8ZQ06
 1433 MAP4K3|Q8IVH8 POLDIP3|Q96DI9
 1434 NADH1|Q4GNU3 ATP6|C8Y0Y2
 1435 HLA-A|I3QHR1 CYTB|H9T697
 1436 PAEP|A0A024R8D8 ZFP1|J3KNQ1
 1437 WT1|A0FJ57 HLA-C|G1EQ74
 1438 ZNF785|H3BR67 CHRNB4|H3BU02
 1439 NUP62|M0R1S1 HLA-C|J9PWM7
 1440 AKIRIN1|Q9H9L7 HLA-A|O19603
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 1444 TYROBP|O43914 PIEZO1|M4QHP2
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 1447 CLTB|P09497 KLK9|Q9UKQ9
 1448 HLA-B|G1EPZ4 TCIRG1|Q6QBN7
 1449 RNPS1|H3BPG5 CYTB|A6ZGZ0
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 1451 OR5AK2|Q8NH90 UTY|F4MHP1
 1452 OR6C4|Q8NGE1 C7orf64|A0PJB1
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 1459 USP33|Q8TEY7 UCHL1|A6NLJ7
 1460 HLA-DQB1|M4YQH8 COX1|A0A059QDC6
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 1462 VN1R1|Q9GZP7 PNPLA8|Q9NP80
 1463 PRNP|Q6SES1 PFN3|P60673
 1464 GDA|Q5SZC3 CYTB|X5BCH9
 1465 MZB1|Q8WU39 ND5|A0A023REG7
 1466 ND2|E5QC91 RAPGEF2|H0Y8N8
 1467 COX1|A0A059RVA7 PLXNB2|O15031
 1468 CNTN1|A0A024R104 SLC17A3|O00476
 1469 KRT16|K7ENW6 HLA-C|R4S4F4
 1470 NLRP10|Q86W26 COI|Q4GV90
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 1475 TRAK1|Q9UPV9 PRPF38A|Q8NAV1
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 1477 MET|A0A024R728 SCRNI|A0A090N7T9
 1478 CUEDC2|Q9H467 UNC45B|Q8IWX7
 1479 SLC39A10|A0A024R3W5 GAPDHS|K7EP73
 1480 GJC1|K7EM78 KRTAP2-3|P0C7H8
 1481 NDUFA2|O43678 OR52H1|Q8NGJ2
 1482 ZMYND8|A0A087WYS3 ARSE|A1L484
 1483 ATXN3|D3VVD2 PARN|H3BVG1
 1484 PPA2|H0YAK2 HLA-C|G1ENU2
 1485 EXOSC9|D6RIY6 CYTB|A0A097KU44
 1486 ND1|R9Y839 MYO19|A0A087WVV4
 1487 ATP6|H9QEH5 USP6|P35125
 1488 CDK5RAP3|Q96JB5 P2RX4|B7Z4R5
 1489 RHOF|Q15669 LMNTD1|F5H3Q3
 1490 HLA-DPB1|A0A0A7C5T8 SQLE|Q14534
 1491 HLA-A|E5G6F9 PROZ|P22891
 1492 NEK7|Q8TDX7 ND4L|A0A059QNR0
 1493 TMEM38B|A0A0A0MRS4 COX1|A4ZL80
 1494 GA|Q6LD43 IST1|H3BQF7
 1495 FRAP1|Q96QW8 AKAP14|Q86UN6
 1496 HLA-DQB1|A0A0A7C8I3 CYTB|A7Y9X0

1497 TATDN3|E9PPF0 ND1|K9M5U0
 1498 SMC2L1|A0A024R158 TACR1|Q4VBL8
 1499 IQUB|Q8NA54 HLA-Cw|A7WPR6
 1500 IL1RAPL1|Q7Z2K4 TPI1|U3KPZ0
 1501 SMYD2|Q9NRG4 TGIF2LX|Q3ZCM9
 1502 TRMT1|K7EJX9 ND1|H9MPV4
 1503 CYTB|H9SYL9 VPS28|Q548N1
 1504 TNP1|P09430 TUBA1C|F5H5D3
 1505 GALT|Q14388 MFNG|F8WE05
 1506 SCAMP5|H3BT30 ITGA7|J3KNV4
 1507 ABAT|H3BRT1 PRKCB|H3BV73
 1508 PREX2|Q70Z35 CLIP2|Q9UDT6
 1509 CYTB|Q4ZF49 WBSR27|Q8N6F8
 1510 RNF168|Q8IYW5 RHCE|B6ZCF7
 1511 HSPA8|E9PKE3 RNF168|F8WD60
 1512 DPEP2|I3L4H3 SLC4A4|A0A024RD97
 1513 PAMR1|A0A087WXE9 ND5|Q4F2K8
 1514 SKA2|Q8WVK7 UTY|E1U1M5
 1515 ACKR2|O00590 ZNF430|M0R392
 1516 FCGR1C|A6NKC4 CYTB|S5NHW2
 1517 DMD|E7EQR9 C1orf177|Q3ZCV2
 1518 ZNF330|D6R9Q8 HPX|Q9BS19
 1519 hCG_19665|A0A024QZF1 TP53|L0EQ52
 1520 OBFC2B|A0A024RB89 ATP5B|P06576
 1521 STK24|H0Y630 AID|Q7Z599
 1522 HLA-A|D6ML46 ZNF280D|Q6N043
 1523 C1orf51|Q8WVX4 OR6C4|Q8NGE1
 1524 ARHGDIG|C9J9L9 CATSPERD|Q86XM0
 1525 TXNL4B|H3BN11 HDM2|I6T2T4
 1526 IER2|Q9BTL4 NOP10|Q9NPE3
 1527 DKFZP566F2124|Q53SL1 RHOF|Q96L33
 1528 COPS2|P61201 HCR|A9XAD5
 1529 TPX2|Q96FC3 ITGA7|Q4LE35
 1530 UGDH|D6RHF4 COX2|A0A059RQQ2
 1531 ATP2A2|B1PM99 AMOT|Q4VCS5
 1532 PRDX5|P30044 TAF6L|A0A024R5A7
 1533 LYZL1|H0YDZ2 SYNJ1|C9J1Z6
 1534 SLC33A1|H7C562 SYT17|H3BN78
 1535 ZNF148|Q9UQR1 FDX1|P10109
 1536 ND5|H9E8A0 RRAGC|D3DPT8
 1537 MGST3|O14880 HLA-DPB1|A0A0A7C6Z5
 1538 CCNG1|P51959 CYTB|D7NWX0
 1539 CHI3L2|H0YEJ1 ND6|E5KYD5
 1540 DKFZp781E0833|Q6M1B7 FBXL20|Q96IG2
 1541 HTR1A|P08908 CYTB|A0A023QAS9
 1542 AP4M1|C9JWL4 KIAA1149|Q5W9H2
 1543 HLA-DPB1|A0A0A1TST9 ALG2|Q9H553
 1544 PDK3|Q15120 ARID2|Q68CP9
 1545 PIP4K2A|P48426 CPAMD8|Q8IZJ3
 1546 AMPD1|Q6F4B8 ND5|A0A068BY57
 1547 CHFR|A0A096P6K8 MDM2|A0A0A8KB70
 1548 ZNF208|M0R1F2 GAA|I3L3L3
 1549 SOX9|U5XJZ1 ND1|U5YUT8
 1550 EMC2|Q15006 ND5|H9RWA2
 1551 VASP|A0A024R0V4 ZADH2|Q8N4Q0
 1552 TP53BP2|Q13625 PLTP|P55058
 1553 DDX5|J3QLG9 ZSCAN10|I3L0Q3
 1554 HIBADH|P31937 HLA-A|D5FHM1
 1555 ITS1|D6PAW0 LPHN1|O94910
 1556 ZNF534|Q76KX8 RPS28|B2R4R9
 1557 ND6|L7NVW1 ICAM5|Q8N6I2
 1558 PRKCD|Q05655 HLA-C|G3DR68
 1559 MAP3K4|F5H4R1 ND4|A6ZHN9
 1560 DKFZp686L2367|Q63HJ5 HLA-C|D7NNW3
 1561 SH3RF2|Q8TEC5 ZNF644|Q569I6
 1562 ATPase|Q4GK64 ZNF404|Q494X3
 1563 CITED1|C9J7P8 PRKCI|P41743
 1564 NIPA1|Q7RTP0 INTS10|H0YAU7

1565	POLR2J2 Q9GZM3	RFC4 H7C1P0
1566	RGS2 P41220	LEPREL4 Q92791
1567	RyR D7UNU3	GPC5 P78333
1568	HLA-DR15 G1EMX1	UBTD1 Q9HAC8
1569	KIR1 V5QDK6	CRTC3/MAML2 A7LNP1
1570	GPATCH3 Q96I76	ANXA6 H0YC77
1571	SLIT1 O75093	ITGB3 F1C633
1572	CAPN3 H3BNN7	LRRC26 Q2I0M4
1573	COX3 A0A059RJ07	HLA-B O19639
1574	ND4 A0A059RYR9	HLA-C G1EQ50
1575	CYTB D6BZ89	AURKB Q96GD4
1576	KDM6A O15550	ATM A0A024R3C7
1577	RPL23 J3KT29	PPP4C P60510
1578	C4B F5GXS0	SCRN2 Q96FV2
1579	APOA1BP B4DP80	DKFZp451F1115 Q86T64
1580	HMH81 O97980	PSMD1 Q05CW6
1581	GPX4 A0A087WT12	TSPY10 P0CW01
1582	COX2 A6YWD1	TOP3B C9JHR0
1583	TMED5 M0R072	LGALS13 M0R015
1584	SMYD4 Q8IYR2	SHOC2 Q9UQ13
1585	ND5 V9N990	CAMTA2 I3L3W6
1586	CYB561 J3QRH5	ESX1 A6ZIS3
1587	DGKZ Q7Z5X8	MSL1 J3KTC2
1588	ND4 A0A068BXG7	CREM A0A0A0MSU8
1589	ATP6AP1 H7C0T7	GK H7BYD2
1590	MRPL4 X6RAY8	ABL1 Q3B837
1591	Hin-2 A2NFR4	GAGE12B A1L429
1592	ZNF639 J3KR68	GAS2L2 Q8NHY3
1593	MNT Q99583	ILVBL M0R1B5
1594	NME3 H3BMQ7	ND5 E7E4L2
1595	CYTB A0A059QK75	SIDT2 L7X6U2
1596	ND1 F5CET5	HLA-F P30511
1597	SSH3 Q8TE77	DDX31 Q9H8H2
1598	NES D3DVC4	CYTB A0A059RII2
1599	PIP5K1A Q99755	SF1 H7C561
1600	IP6K2 F8WDQ5	FXDY6 E9PJ02
1601	DNASE2B Q66K39	CAPN3 A4FTZ9
1602	HLA-C C9E1I1	COX-2 Q6ZYK7
1603	ATP6 A6YUU0	NDUFS1 P28331
1604	CBWD5 Q5RIA9	ARG1 P05089
1605	KCTD21 E9PM10	DKFZp313F2116 Q68DC6
1606	MRPL34 A0A024R7J4	KLRG1 Q96E93
1607	PALM2 C9JZH4	PDE6G P18545
1608	MAOA Q53YE7	CDK3 K7ELV5
1609	COX4I1 Q86WV2	F5 A0A0A0MRJ7
1610	ATP6 A6Z6R7	MARK4 Q96GZ3
1611	ACHE D6W5X8	DKFZp686L0365 Q68DZ5
1612	SMAD4 Q9BYG6	UTY F4MHM8
1613	RPL37A C9J4Z3	SIA8F B0YJ96
1614	ANTXR2 P58335	NNT H0Y8P5
1615	FOXI1 E0XEN6	POLE A0A087WW42
1616	HLA-DR15 C9E1I9	ADCY7 F5H699
1617	ZNF444 K7EJH4	NAT2 A9X7U6
1618	PEX1 O43933	ND5 A0A075C8A0
1619	HLA-C F4YU99	HLA-A D5H3U2
1620	BRCA1 C6YB45	TUBA8 C9K0S6
1621	KIF21A H0YHT2	PROC Q8J002
1622	SLC3A1 Q07837	SEC61B P60468
1623	HLA-B D3U412	ATXN3 D3VVC2
1624	HLA-B S5LSK2	SERINC4 A6NH21
1625	FBN1 Q75N88	G3BP Q6FI03
1626	ZCWPW2 H7C087	KIAA1841 F8VWD7
1627	AQP6 F8VW87	CAPN12 M0R3D7
1628	KRT23 A0A024R1X9	DKFZp779I1858 Q68D50
1629	UBE3C Q15386	ZIM3 Q6NTE1
1630	XRCC1 M0R1U8	CP H7C5R1
1631	ATP6 B3DE99	PTPN7 C9IYI6
1632	CYTB H9RZT3	CTNNA1 E5RHR7

1633 FHIT|000298 ATP6|D8L392
 1634 SLC4A5|Q9BY07 BRS3|P32247
 1635 NPC2|A0A024R6C0 ZNF430|Q9H8G1
 1636 SERHL2|B4DGG4 ZNF548|M0R041
 1637 IDH3G|E9PF84 TOPBP1|A0AV47
 1638 IL10RA|Q13651 KDM6A|F5H6S1
 1639 TNK1|Q13470 ND5|X5CM76
 1640 ND5|H9P066 DKFZp686E22155|Q7Z354
 1641 MED24|075448 PTBP2|Q9UKA9
 1642 MED15|Q96RN5 CELF3|Q8IZ97
 1643 HLA-DRB1|D7RIH8 TRPC7|Q9HCX4
 1644 RPL12|P30050 RNF40|H3BP71
 1645 HLA-C|D6C6A9 HLA-C|U5IQP2
 1646 MAP1S|M0R1M7 NRD1|Q6UUU9
 1647 TGFBR3|Q03167 FAH|P16930
 1648 REST|Q13127 HLA-A|Q9TQG6
 1649 MGAT1|D6RD15 SPINT2|K7EKQ0
 1650 ITGA5|B4E3F4 HLA-C|A0A0A7C6B9
 1651 NPAS3|F8VS42 RHD|T2DKY0
 1652 P2RX4|B7Z4R5 KRTAP4-5|Q9BYR2
 1653 ECAC2|Q9NXZ3 ATP6|D7NMC1
 1654 FLJ10357|D3DS15 ATP6|A0A096VTP9
 1655 CAPNS1|U3KQE2 FAS|F0UWG7
 1656 PTGDS|A0A024R8G3 BPTF|E7ETD6
 1657 RGS2|P41220 TRPM5|Q9NZQ8
 1658 A2ML1|A8K2U0 GPRIN2|O60269
 1659 UTY|F4MHJ2 MVK|F5H092
 1660 ERCC2|E7EVE9 OK/SW-c1.65|Q8NI92
 1661 EGR1|Q546S1 NUP93|H3BVG0
 1662 DMPK|M0QZ00 ZSCAN5A|Q9BUG6
 1663 HLA-A|F2X609 AGMAT|Q9BSE5
 1664 ATP6|L7SDL5 CYTB|G9LKS2
 1665 HLA-C|G1EQI6 GPR153|Q6NV75
 1666 CERS6|Q6ZMG9 TAOK3|F5H5E0
 1667 RAD51D|O75771 CDH6|D6RF86
 1668 RPLP1|Q6FG99 LIN7A|O14910
 1669 TCEA3|S4R419 HLA-DRB1|A0A0A8LDX0
 1670 ACSM2B|A0A087WU25 DARS|Q53R85
 1671 PABPC4|Q3B867 LCP1|Q5TBN5
 1672 HLA-B|A0A0A7C7J9 ND1|H9PLM0
 1673 LNX1|A0A0B4J209 TCF2|Q6FHW6
 1674 COX2|A0A059RIQ8 ATP6|G4W2G2
 1675 GVQW1|Q8N7I0 DNMT3B|Q9UBC3
 1676 ND2|Q7YEH3 CASP8|E7EQ06
 1677 AQP8|O94778 PABPC1|E5RJM8
 1678 FH|P07954 CDON|E9PRD8
 1679 LGR5|O75473 BAP1|F8W6N3
 1680 SENP3|A0A087WV50 MYO5C|Q9NQX4
 1681 HLA-B|T1WG55 FAT3|E9PQ73
 1682 FES|H0YNN8 WNT9B|I3L0L8
 1683 SCN8A|Q9UQD0 ANKDD1A|A0A0C4DGZ7
 1684 ATP6|X5BZD6 FAR1|E9PNW8
 1685 RHOF|Q05D03 RFX7|Q2KHR2
 1686 HLA-B|R4ZGR5 CYTB|H9RBV5
 1687 HLA-C|A6YQG8 TRPM3|Q504Y1
 1688 EN1|Q05925 HLA-DQB1|F8LFFZ1
 1689 RASA4B|F8W6L0 usp25|W6MEN2
 1690 NDUFC2-KCTD14|A0A087WUM3 GGN|Q86UU3
 1691 ASB12|Q8WXX4 MSX1|E9KXT4
 1692 ACIN1|S4R3H4 TCF19|D2IYK5
 1693 RAB8B|H0YL94 HLA-B|A0A060VG50
 1694 UGT1A8|Q9HAW9 ALG13|A0A096LNJ4
 1695 MICA|H9CTV0 IL20|Q9NYY1
 1696 METTL4|J3KNJ7 PSPH|A0A024RDL9
 1697 HLA-C|F6IQK0 ACO2|Q71UF1
 1698 HLA-DRB1|A0A0A0WGJ3 COX1|F2WHQ0
 1699 BPHL|Q86WA6 BTN2A1|Q7KYR7
 1700 MEST|C9JCM6 ATP6|D5I8A0

1701	ND5 L7P4C4	DMPK M0QXJ9	
1702	HLA-A E0YTI3	ND4L H9E8D7	
1703	MRI1 Q9BV20	CNTN4 A0A024R2E5	
1704	CYTB A0A096WHY7	HLA-DPB1 A0A0A7C8Q4	
1705	MRPS14 O60783	ERGIC2 Q96RQ1	
1706	ZNF780A M0QXV4	ND1 Q4F5W2	
1707	hCG_22659 D3DPG1	CPA1 C9JQ63	
1708	FASTK G3V1R6	IL8RB Q53PC4	
1709	CDC37 Q6FG59	HLA-C E0YTP2	
1710	NPC1 O15118	ND6 A0A0A0PYV6	
1711	DIP2C E7EPU2	STRADA J3QQS3	
1712	HP P00738	CYTB Q6RNW0	
1713	CREBBP B5A233	MAPK10 A8MPV1	
1714	TUBGCP5 A0A087X1Z1	TEP1 G3V470	
1715	cytb B1W913	SERHL2 Q9H4I8	
1716	MEF2A H0YNI2	INTS9 G3XAN1	
1717	PCDHB11 Q9Y5F2	MDA5 Q53TB6	
1718	ANO2 F5GXT3	UVVAG Q9P2Y5	
1719	HLA-C V5NW36	FLJ00301 Q6ZML0	
1720	WDFY3 A0A024RDI0	CDON E9PRD8	
1721	PACSLN3 D3DQR0	PYCR1 A0A087WTU2	
1722	SQLE H0YBN7	HLA-C G1ENV4	
1723	RHCE Q0E5G3	EXD1 Q8NHP7	
1724	PRKCSH K7EKX1	HOXC11 O43248	
1725	COX1 B1NUS1	TLK2 D3DU05	
1726	HLA-A A0A0A7C4H4	COX3 A0A059RMR4	
1727	EIF6 F8WDS6	EFCAB8 A8MWE9	
1728	CRADD Q53XL1	CNOT4 A0A024R785	
1729	MRPL3 P09001	HLA-C M9PAF5	
1730	WT1 A8MN20	ABAT X5D8S1	
1731	HLA-A C5IWX4	CFTR Q6KEI2	
1732	RPS20 E5RXX2	CHL1 O00533	
1733	MKRN3 Q13064	DOK7 Q18PE1	
1734	NEDD4L Q96PU5	TRIM37 J3QRK3	
1735	CYTB A6Z9H2	NRAP A0AVL2	
1736	CASK O14936	HLA-A D5FHM1	
1737	CORO1C B4E3S0	ATP6 B1NTU9	
1738	TPST2 B1AHJ6	S100A9 P06702	
1739	CD300C Q08708	HLA-DPB1 A0A0A7C595	
1740	GRPR X5D7H2	PFKL Q9BSP4	
1741	ZNF692 H0YDF5	OR10G4 Q8NGN3	
1742	ND3 A0A059R585	OR4N4 Q8N0Y3	
1743	RAPGEF2 D6RC78	TCRZ A9Y844	
1744	LDHC F5H326	PHB2 Q99623	
1745	RGBM Q6NW40	A4GALT Q6RJV7	
1746	JAML E9PKK2	COII C5H6M5	
1747	EPB41L2 Q6R5J7	IDO2 Q6ZQW0	
1748	ESX1 A6ZIS4	ZNF649 Q9BS31	
1749	Nb1a04137 Q3LIE3	PRKD2 B4DTS2	
1750	KPNB1 J3QR48	LYZ B2R4C5	
1751	HLA-DRB1 Q860S9	HLA-B E2GJN0	
1752	TRAPPC11 Q7Z392	ABCA2 Q13039	
1753	HLA-C J7F572	HMBX1 D3DSU2	
1754	ATP6 F2WGE8	INPP5K I3L2L1	
1755	POU5F1 B5B8Q4	MORF4L2 Q15014	
1756	HLA-DPB1 A0A0A7C902	GMPPA C9JAH0	
1757	ND2 M4QID2	DHRS3 O75911	
1758	ATP5F1 Q5QNZ2	LYZL6 O75951	
1759	TXNL4B Q9NX01	TPRA1 Q86W33	
1760	RAET1E A0A060ILJ5	RHD Q99906	
1761	ATP6 E5E042	MT-ATP8 P03928	
1762	PRMT2 Q49AF9	CTS0 P43234	
1763	FOXC1 Q12948	USP54 X6RHN7	
1764	TSSK2 Q96PF2	CTNNA1 E5RJ43	
1765	PADI4 Q6EVJ2	HLA-DRB1 C0LAC0	
1766	P2RY13 G4XH60	IL4R H3BSE7	
1767	PEX26C457G+C861de1 Q2PEG2	HEL-S-42 V9HWD0	
1768	ND3 A5WZG6	CYTB A6ZEQ1	

1769 E2F4|A0A024R6W7 HLA-C|G3D6G9
 1770 SLC25A52|Q3SY17 GLI1|E9PIB9
 1771 ATP6|A0SCX3 RPL18|A0A075B7A0
 1772 TRPC7|Q9HCX4 PSPH|A0A024RDL3
 1773 IL4R|P24394 HLA-A|Q6IVJ9
 1774 VPS41|Q75MX9 SPEG|B9ZVR7
 1775 TACC2|O95359 NRK|Q7Z2Y5
 1776 OTUD7A|H0YN66 MYC|B3CJ71
 1777 PLEC|E9PKG0 ALK|D1MAM5
 1778 ATP8|H9PBK1 MDK|C9JHA4
 1779 ND5|A0A023I7Z4 SYNPO2L|Q9H987
 1780 NPEPPS|E9PJF9 HLA-C|C9E1I1
 1781 ARL4A|P40617 CYLD|A0A024R6Q9
 1782 EWSR1|B0QYJ3 HLA-C|G1FTT7
 1783 OR6C68|A6NDL8 ND2|L7XIA4
 1784 GARNL3|A0A0C4DFW0 B4GALNT1|Q00973
 1785 NDUFS6|O75380 PARP16|A0A024R5Y7
 1786 MAZ|I3L0M3 STAR|Q3LR71
 1787 IL13|A0A087WW07 COX1|E5E140
 1788 HLA-C|D4P2X5 RPE65|Q2EKB8
 1789 GAP43|P17677 S100B|P04271
 1790 ND6|A0A059QLG0 CPEB3|Q5QP71
 1791 SHC4|H0YLU6 CYP21B|Q7KZ07
 1792 POLR3E|H3BRY1 SENP1|Q9P0U3
 1793 PLCB3|Q01970 CD244|Q9BZW8
 1794 DKFZp686K23100|Q68D11 HLA-C|H9BYV0
 1795 C2orf83|Q53S99 HLA-C|A0A0A7C5W0
 1796 Dnahc9|Q92865 OFD1|O75665
 1797 PRDM16|H0YA13 SEPT11|Q9NVA2
 1798 hCG_40733|E5KSL6 HLA-B|S5LSK2
 1799 DDX41|J3KNN5 MCPH1|Q6RAS8
 1800 CLIC1|Q5SRT3 HPX|Q9BS19
 1801 PEX16|Q9Y5Y5 DOCK11|Q5JSL3
 1802 HERC4|Q5GLZ8 RHD|A0A059XMR3
 1803 ZNF169|Q6PJ92 SMARCE1|J3QR61
 1804 ST3GAL1|E5RHHV6 A-735G6.3|O14563
 1805 YEATS4|O95619 RPL38|J3KSP2
 1806 PCTP|Q9UKL6 ESR1|E3WH18
 1807 DKFZp779P0659|Q7Z677 KCNJ16|Q8N538
 1808 RIT2|Q99578 MOB1B|Q7L9L4
 1809 HLA-DR15|F2VNW9 HBB|Q9BWV6
 1810 CENTA2|Q2V6Q1 CAMK4|Q16566
 1811 AGT|Q53YY1 ZFAND2B|B4DEN4
 1812 ASS|Q8NFZ7 KRT40|Q6A162
 1813 MKNK1|E9PN34 CLSTN3|F5H746
 1814 HSD3B2|A0A024R0F9 CDC42BPA|H0Y5V1
 1815 CDH2|P19022 CCDC121|Q6ZUS5
 1816 ZNF615|H9KV89 OR4N2|G3V4W1
 1817 DRD3|P35462 GLP2R|E9PC86
 1818 SEPT10|C9JEQ7 SGSH|I3L3T3
 1819 TIPUH1|Q25QX8 HLA-B|A0A0A7C7J9
 1820 RSL1D1|O76021 HNRNPM|M0QM1
 1821 MAP1B|D6RGJ3 TNFAIP2|H0YM45
 1822 LACRT|Q9GZZ8 ITGA7|G3V2I4
 1823 ERP27|Q96DN0 PICK1|A0A024R1J5
 1824 BRMS1|Q9HCU9 CCR5|H9MHP8
 1825 SDR39U1|Q9NRG7 PDZD3|B0YJ61
 1826 TSPYL2|J3KST2 DNAJC16|Q5TDH4
 1827 HLA-C|G1EMS9 HLA-C|H9BYU8
 1828 SMN1|I2E4T3 ATP6V1H|H0YB41
 1829 IDH3B|L0R875 PLA2G1B|F8W062
 1830 FLJ00202|Q86YV7 KPTN|Q9Y664
 1831 FLJ00420|Q6ZMJ6 COX3|I3Q632
 1832 GBGT1|Q8N5D6 ND3|A0A059RN72
 1833 SMAD1|D6RBH9 GNLY|P22749
 1834 PSMA3|P25788 HLA-C|A0A060VCV6
 1835 ND2|Q9B2Z6 PGA3|F5H842
 1836 CYTB|A0A097Q3V6 TRPC1|P48995

1837 CTSF|H0YD65 ND2|Q5Q3P5
 1838 CYTB|A0A0A0QN99 ART3|E7ER42
 1839 EIF3B|Q96G38 ZNF45|K7EPV5
 1840 BATF|G3V266 DKFZp686L23131|Q7Z364
 1841 SGSH|I3L2I6 HFE|A0A097CKA4
 1842 SPHK2|E9PCV4 CLSTN3|F5H746
 1843 ND3|H9E7H4 SFTPC|A0A0A0MTC9
 1844 COX2|H9RA87 LAG3|P18627
 1845 PIGA|A8K382 BBS2|J3QKP7
 1846 DOCK9|Q9BZ29 PEPD|P12955
 1847 TXNRD2|A0A096LPB7 NUDT1|A0A024R819
 1848 CCR5|A0A089G6R5 PITX3|A0A0B5HLA6
 1849 ABCB4|A7J1S1 RGPD1|F8VYC4
 1850 CARD6|Q9BX69 PLA2G12A|A0A0C4DGC6
 1851 CYTB|A6YY11 PNPLA7|Q6ZV29
 1852 HNF1a1pha|B8YNV0 Hosa(Adygei)-T2R3|Q50KZ1
 1853 HLA-B|G1EPN8 PPP2R5C|H0YN84
 1854 HLA-B|A2Q119 CYTB|E5DYL6
 1855 ND5|U3M2W8 HLA-A|B8Y1X8
 1856 SRSF5|B4DUA4 MYO1H|B4DNW6
 1857 HMOX1|Q96DI8 DNAH7|Q8WXX0
 1858 PIAS3|Q9Y6X2 ANKZF1|A0A024R464
 1859 PLOD3|O60568 HLA-C|M9P9E4
 1860 MLX|Q9UH92 NNMT|Q6FH49
 1861 PABPN1L|A6NDY0 IFNA|V9GZU1
 1862 HLA-C|M9P9D5 SLC6A13|F5GZA5
 1863 KLHDC7B|Q96G42 PYDC2|Q56P42
 1864 ND2|A0A059RRY6 HLA-A|F8RHD0
 1865 NADH4|Q4G822 KCND2|H7C445
 1866 TRHR|P34981 TIPARP|C9JXM5
 1867 BIN1|O00499 PVALB|B1AH72
 1868 RUVBL2|B3KNL2 GGT1|E7ETJ6
 1869 IRF9|H0YMB0 EDNRB|A0A024R638
 1870 LACTB2|Q53H82 COG6|A0A024RDW5
 1871 FM05|E9PJF3 RNF130|Q2HIY3
 1872 ELK3|A0A024RBE2 ATPase|Q4GL52
 1873 MAT2A|P31153 CFTR|Q6KEG3
 1874 ZNF506|K7ERD9 ND1|X5BKU3
 1875 CYTB|A0A097KU53 ESX1|A6ZIT7
 1876 GMPR2|H0YLB8 HOXB2|P14652
 1877 ND5|Q4EXY9 ND5|Q6VIX6
 1878 AMPD1|Q6F4B8 ND2|G9LCQ3
 1879 FLJ00017|Q9H7Q0 KLF1|B9UZC4
 1880 ND4|R9Y4D9 SDHB|A0A087WXX8
 1881 POU6F2|C9JSC0 MT-ND5|P03915
 1882 CAP1|Q5T0R9 HLA-DRB1|P01911
 1883 HLA-DQA1|Q67AI6 RGS4|P49798
 1884 N6AMT2|Q8WVE0 ATM|E9PRG7
 1885 HLA-Cw|C7EDP3 OR2M5|A3KFT3
 1886 ZNF284|Q2VY69 NDI|A0A098CK27
 1887 KLK11|M0QZV0 SMN2|A0A076L8Z0
 1888 HLA-C|E7E824 TCTN1|Q2MV58
 1889 POLQ|D3DN91 CREBBP|I3L3I5
 1890 PLA2G4A|W0FXB0 GOSR2|I3L1K7
 1891 ESX1|A6ZIS2 HLA-C|B3WFP3
 1892 HLA-DPB1|A0A0A7C5I1 HLA-C|V5L6F7
 1893 MTERFD3|Q49AM1 ND2|B2XIH0
 1894 ARHGAP4|E9PCM6 CPXM2|Q49AT5
 1895 TUFT1|Q9NNX1 LENG9|A0A087WVD1
 1896 SORL1|A0A024R3H2 HLA-B|A3FG61
 1897 ATP6|H9RLD9 ND2|I3Q0K3
 1898 CYTH4|Q9UIA0 LPL|Q6IAV0
 1899 ESRP2|Q9H6T0 ND6|B4YG13
 1900 CYP3A4|Q7Z448 HLA-DQB1|V9N373
 1901 DBNL|F8WBG8 SCAP|F8W9W7
 1902 HLA-DPB1|A0A0A7C6L1 ARHGEF2|V9GZ14
 1903 SRSF4|S4R2X6 TOM1L1|I3L4I4
 1904 ATP6|A0A023QR14 COPS5|Q92905

1905 HLA-C|F1CCJ0 ATXN3|G3V390
 1906 ILF2|Q12905 TEK5|Q96M29
 1907 hCG_16983|A0A024R3Z8 RPUSD1|H3BS55
 1908 ACADS|P16219 ATN1|P54259
 1909 MME|Q3KQ56 hCG_22659|D3DPG1
 1910 ATXN3|D3VVN6 ND4L|A0A059RGF9
 1911 ACP2|E9PQW9 SEC22C|C9J448
 1912 BHMGI|C9JSJ3 ARHGEF2|D3DVA5
 1913 HES2|K7EJQ0 FKBP11|E9PAR0
 1914 COR01A|H3BU76 HLA-C|U5YBZ5
 1915 TLK2|D3DU05 GBGT1|J7Q2I4
 1916 RPL7L1|Q6DKI1 DHRS3|A0A087WTY3
 1917 NADH5|Q4GL73 ND2|H9QKX0
 1918 COX1|Q5S9T0 MRE11A|Q9BS79
 1919 TMEM126B|Q8IUX1 OCM2|P0CE71
 1920 PIK3C2B|O00750 COX1|A0A059RM34
 1921 KCND2|A4D0V9 HLA-A|A0A0A7C4H8
 1922 ND3|A0A059QPW5 F2R|P25116
 1923 CCKAR|P32238 GABRR3|A8MPY1
 1924 RAD51C|J3QR58 ND3|F8VA07
 1925 GLS2|G5E9X4 ARHGAP21|H0Y468
 1926 MT-ND1|P03886 COI|U3M9R3
 1927 TARBP2|F8VP94 HLA-B|C0L073
 1928 COX3|G9LLZ5 DNAJB7|Q7Z6W7
 1929 AKR7A3|O95154 CDK2|G3V317
 1930 HLA-DR15|M9P979 STEAP4|Q687X5
 1931 FGD4|H0YDQ0 hCG_2008157|Q96NP5
 1932 FREM2|Q5SZK8 ATP6|V9K052
 1933 CECR1|B4E3Q4 FASTK|Q9BWD7
 1934 LPP|Q93052 ND5|Q15HL1
 1935 MC1R|Q1JUM0 ND5|L7SC04
 1936 OR2T27|Q8NH04 MARCKS|Q6NVI1
 1937 CD84|Q9UIB8 TMOD4|K7ES04
 1938 AIPL1|F1T0B5 CYTB|F5CUR7
 1939 ND3|A0A059RMI8 PIEZO2|Q9H5I5
 1940 NHS|Q6T4R5 EIF2B2|G3V5E5
 1941 HLA-C|U5YC85 CTNNA1|G3XAM7
 1942 GPR63|Q6NWR9 RPS6KB1|P23443
 1943 DDX56|F8WEI3 APP|A0A0A0MRG2
 1944 SAE1|M0QYM8 SEPT12|Q8IYM1
 1945 HLA-DPB1|A0A0A7C5W1 ARPC1B|C9JQM8
 1946 ND5|K9JT28 HLA-C|U3RFA2
 1947 TPI1|U3KPS5 PRCC|Q92733
 1948 GRK3|Q8N433 PSMA1|F5GX11
 1949 ESR1|C8CJL5 ACER2|Q5QJU3
 1950 SMG1|Q96Q15 RPP30|Q5VU10
 1951 HLA-B|D2DKN8 HCCS|A0A024RBY9
 1952 HLA-B|A5HDH6 HLA-C|F4YU98
 1953 DHDH|E5RFE0 HLA-DR15|F2VNU8
 1954 DNAH11|O95705 PAH|Q16021
 1955 SLC7A7|G3V4Z6 IL7R|D6RGV2
 1956 STK25|C9JN58 VNN2|E9PLK5
 1957 TRMT1|A0A024R7I5 CLNK|Q7Z7G1
 1958 BLOC1S1|P78537 HLA-B|A0A0A7C462
 1959 HLA-DQB1|S6CR99 RILP|Q96NA2
 1960 ALOX15|I3L175 MEF2B|C9J4J4
 1961 MON2|Q6P148 HLA-C|D6MKW6
 1962 CSNK2B|N0E650 SLC39A8|A0A024RDG0
 1963 HYDIN|H0YF91 HLA-C|U5YC18
 1964 NUBP2|Q9Y5Y2 GALT|D1MBF6
 1965 ALB|P02768 HBB|Q3LR79
 1966 ACTR3C|H7C4J1 RNF10|H0YFN9
 1967 CRISPLD2|Q9H0B8 TAF13|Q0VA92
 1968 CERS1|A0A024R7N8 ROR1|Q01973
 1969 ING1|Q9UK53 ACSF3|H0YGC7
 1970 TMEM43|Q9BTV4 WASF1|Q5SZK5
 1971 KCNH2|Q12809 ND5|L7XD10
 1972 NRAS|P01111 ND2|L7XTV0

1973 RHD|J7H0H3 VASN|Q6EMK4
 1974 CTSF|A0A024R5G9 SLC9A7|Q96T83
 1975 zF30|Q92970 ZNF224|A0A024R0Q3
 1976 CRYZL1|A6NMA8 CYP21A2|C7DTW2
 1977 MYL9|Q6IBG1 NUDT13|Q86X67
 1978 ZNF74|Q16587 ATP6|Q4F296
 1979 ND4|B4YBV5 RFX5|H0Y4B4
 1980 TOM7|Q75MR5 CLDN5|D3DX19
 1981 HLA-A|F2VNJ3 TSPY3|Q6B019
 1982 GAL3ST1|C9JTV3 ND4|T1Q517
 1983 JAZF1|C9JGY8 MYC|B3CJ93
 1984 ATP2B4|H7BZS8 WDR3|Q9UNX4
 1985 ND1|A0A059QV06 HLA-DR15|M9P8M7
 1986 DVL2|O14641 SPERT|Q8NA61
 1987 FANCD2|A0A024R2G2 ND1|A0A023QW57
 1988 ATP8|A0A023QZ89 ATP6|F1CIQ1
 1989 PTPN4|J3KQD3 RH0H|Q15669
 1990 CYP3A5|Q96RK6 HLA-B|D5G244
 1991 ND6|A0A059QF73 ISYNA1|J3QS51
 1992 HYOU1|K7EQK2 APOBEC3H|A0A087WZI3
 1993 TPH2|B3VS15 DDX31|F8WAJ0
 1994 HNRNPLL|H7BXH8 HMGB3|O15347
 1995 CYTB|F2WFF4 LOC155054|A0A090N7U3
 1996 DCDC2C|H7C242 CYP2A7|M0R020
 1997 FAM133B|Q5BKY9 SHFM1|F2Z2N6
 1998 NDRG1|E5RGM5 ND2|A0A059RMD9
 1999 ADRA2B|P18089 GPX2|G3V4J6
 2000 HLA-C|E9RJS6 SUMF2|Q8NBJ7
 2001 NFATC3|B5B2S4 IGLL1|P15814
 2002 JADE2|C9J929 NTRK3|X5D7M5
 2003 SLC13A1|Q2NKK0 CLIC1|O00299
 2004 HMBS|F5GY90 CD34|Q3C1E7
 2005 CA8|P35219 ASIP|P42127
 2006 ND1|F2WHP8 ATP6|D6N7S2
 2007 HLA|O19745 HLA-C|H9C5H8
 2008 ND3|A0A059RWX3 STK40|Q8N2I9
 2009 GJA8|A0A097IW49 TERF2|J3KSZ6
 2010 COMT|P21964 HLA-B|C9E856
 2011 SERPINA5|P05154 NKX6-2|Q9C056
 2012 GALC|G3V5E8 CYP11B1|P15538
 2013 Hosa(Biaka)-T2R55|Q50KD4 FOXF1|A0A087X299
 2014 WNT1|A0A087WXR9 COMMD8|Q9NX08
 2015 SLC12A9|D6W5X5 CLIC5|Q53G01
 2016 ND5|H9S8U6 ND4|A0A059RVT1
 2017 UTY|F4MHS6 LIME1|Q9H400
 2018 SYNE1|F8WAI0 CORIN|J3KR90
 2019 SLAMF1|Q13291 CYTB|A0A0A0PN04
 2020 EFEMP1|Q580Q6 CIZ1|H0Y5D5
 2021 SLC17A2|O00624 NCL|A0A024R4A0
 2022 SAR1A|Q5SQ79 ACSBG2|K7ESF1
 2023 NAP1L1|F8W118 PALM2-AKAP2|B1ALY0
 2024 RPUSD1|Q9UJJ7 UCHL3|Q5TBK7
 2025 RBPJ|D6REP3 PCDHGA2|Q9Y5H1
 2026 UNG|E5KTA5 DIP2B|Q9P265
 2027 HLA-Cw*0707|O78213 ND4|A6Z2B4
 2028 BAIAP2|I3L526 TSSK4|Q6SA08
 2029 HLA-C|M9P9C8 ETF1|D6RCB3
 2030 MSH5|A0A024RCN2 AANAT|Q9H3T1
 2031 ZSCAN31|C9JAI0 RFX5|H7C4G0
 2032 HLA-DPB1|A0A0A7C617 ACYP2|U3KPX8
 2033 ATP6V1H|E5RHH0 DBNL|F2Z3E3
 2034 IKZF1|A0A0A0MRA0 FDFT1|Q6IAX1
 2035 CYP20A1|Q53RS5 CHN2|H7C138
 2036 HEL-S-162eP|V9HVZ4 ND1|A6ZHG8
 2037 RAX2|Q96IS3 ZNF23|H0Y310
 2038 KSR1|J3QQL4 ST6GALNAC2|A0A024R8M1
 2039 ATP6|B1PI24 GDF8|A1C2F2
 2040 RCHY1|Q96PM5 HLA-C|J7K1B8

2041	GFM1 Q96RP9	OLFML2B F2Z3N3
2042	PPP1R13B Q96KQ4	CYP21A2 K9LHU1
2043	CTRB2 H3BMY1	HLA-B A0A0A7C4L2
2044	ZNF335 Q8IW09	ATP6 Q6VHA0
2045	ATMIN O43313	CD53 P19397
2046	FLII J3QQU5	SCAMP5 H3BMY4
2047	TXK V9GZ99	HLA-B E9BVW0
2048	RNF168 Q8IYW5	PHLDA1 Q8WV24
2049	GLUD1 Q14400	AADAT D6RFY7
2050	HPSE A0A024RDB8	BNC2 Q06HB7
2051	ND5 B2XL11	NRDC F5H7V1
2052	PTPN2 D3DUJ3	PLXDC1 C9JCL2
2053	APLP1 F5GZ08	SLC15A4 B6ZDF2
2054	CCDC117 Q8IWD4	C7orf60 Q1RMZ1
2055	EMR3 A1L1B9	UGT1 Q53QD2
2056	BCAP29 F8WDG1	CYTB A0A059RR11
2057	CASR Q86UN7	TNFAIP3 D3TTZ6
2058	EIF4E1B D6RHE2	DARC Q4VBN9
2059	ABCA13 Q86UQ4	PDE2A F5GXX2
2060	PLAUR M0QYS6	ND2 A4ZKY8
2061	CLDN7 F5H496	CCDC116 Q8IYX3
2062	TNIP1 E7EMV7	BRCA1 E7EUM2
2063	HLA-A L7PEX4	DKFZp686N24126 Q6N014
2064	OSBP2 A0A024R1L4	LDHA F5H8H6
2065	KDM1B H0Y6H0	ATP6 U5KQ12
2066	ATP6 U3L335	FADS3 H0YED5
2067	ALX3 O95076	LAMTOR1 H0YFI1
2068	SPICE1 C9J5T2	APOBEC3B Q9UH17
2069	RIMS2 F8W6W8	HSD3B2 Q5QP01
2070	E2F5 C9JYE9	SRY Q52MY0
2071	ACTA1 Q7Z7J6	NKX3-1 Q99801
2072	ATXN3 D3VVM7	BCR/ABL A1Z199
2073	LIMS3 P0CW19	KMT2C Q8NEZ4
2074	TCEA3 O75764	KAT5 E9PRL6
2075	ND5 G9LAW2	IDS E5RHJ1
2076	ALG8 E9PK79	SCNN1D Q09HT1
2077	HLA-A D7NPL2	FBX015 Q8NCQ5
2078	CD84 Q9UIB8	CTNNA1 E5RJP7
2079	FLNB O75369	MSX1 E9KXT2
2080	ARID5B Q14865	HLA-A C6K4H0
2081	NAA40 Q86UY6	EFCAB1 Q9HAE3
2082	HLA-B W8SW77	ARPC1B A4D275
2083	ND1 R9YB54	FTL P02792
2084	OGG1 H7C0A1	MICA G1JTE6
2085	AK9 Q5TCS8	IFRD1 A4D0U1
2086	SELS Q6GYA4	HRH3 Q8WY01
2087	LIG3 K7EQB6	GSTM3 A4UJ43
2088	SLITRK4 Q8IW52	ZNF324B M0R1X9
2089	SRI C9J0K6	PPP3CA E7ETC2
2090	SCRN3 C9JID8	TP53 B4XAL0
2091	CYTB E9K9L0	PRMT5 H0YJX6
2092	HLA-A M1KE04	MUTYH Q5T418
2093	RAB40C H3BNV8	NRK D3DUX0
2094	LM03 F5H4T0	CYP21A2 C7DTV6
2095	RASA1 E9PGC0	LIAS O43766
2096	MST1R A0A087WZQ8	NOL12 Q9UGY1
2097	LETMD1 Q6P1Q0	DHX8 Q14562
2098	NAB1 C9JID4	COX1 G9LIE3
2099	WDR48 Q8TAF3	HLA-DPB1 V5JAQ3
2100	TDRKH F6TB26	TMED8 Q6PL24
2101	DDX18 Q4ZG72	ND2 Q6RPH6
2102	PCYOX1L Q8NBM8	HBB Q6VFAQ5
2103	UBE2L6 E9PQT7	ASB2 A0A024R6E7
2104	HLA-C A0A0A7C979	EFEMP1 C9JJPZ9
2105	hCG_1993739 A0A024QYT4	ARHGEF37 A1IGU5
2106	ND2 E9LBL5	HLA-A A0A0A7C3Q5
2107	DHPS M0R253	PFKM H0YIS9
2108	SRY Q52MY2	CD101 Q93033

2109 HLA-C|C0KJW0 COX1|H9E7F6
 2110 SCN5A|A0A0A0MT39 TEAD2|A0A024QZD8
 2111 RNASEH2C|Q8TDP1 INPP1|E7ENF2
 2112 EFEMP1|Q53TA7 HTR2A|Q9P2Q9
 2113 HNF1A|E0YMJ2 ABCC1|P33527
 2114 C18orf32|Q8TCD1 RNF168|Q8IYW5
 2115 AR|D3YPQ1 POU2F2|P09086
 2116 ZNF596|E5RHT8 SNTB2|A0A024R732
 2117 ACOT8|E9PRD4 MAK|P20794
 2118 CELF2|E9PC62 RAD18|Q9NS91
 2119 CD79A|P11912 CDKN3|G3V2J7
 2120 ESYT1|Q9BSJ8 KLHDC4|Q8TBB5
 2121 ND6|B4YG13 POU5F1|Q01860
 2122 C15orf60|Q7Z4M0 TRHR|P34981
 2123 ND3|Q58F37 ND2|H9SK52
 2124 SSX2|Q8WWZ9 KRT79|Q5XKE5
 2125 LPIN3|Q9BQK8 RPS6KB2|R4GN47
 2126 FAN1|Q9Y2M0 MRPL4|K7ELQ0
 2127 DKFZp586H0919|Q659G9 HLA-B|C9WEQ4
 2128 LGMN|G3V4P5 KCTD13|I3L108
 2129 F2|C9JV37 FASTKD5|Q7L8L6
 2130 PADI3|Q9ULW8 FAIM3|O60667
 2131 HLA-A|A0A0A7C4Z9 PDZK1|Q5T2W1
 2132 HYAL1|C9JB49 CYTB|G1FI52
 2133 CTNNA3|Q8WW10 TSR1|I3L1Q5
 2134 ATP6|F5BA93 RHD|F2RM72
 2135 DHX58|Q96C10 HLA-DRB1|A0A024J4R7
 2136 DNAJA2|A0A087WT48 ZDHHC2|Q9UIJ5
 2137 CLUH|I3L2B0 DKFZp686H1931|Q68DP1
 2138 ATXN3|D3VVF1 DDX3Y|O15523
 2139 RABL2B|F2Z2T3 ER01A|G3V2H0
 2140 SMARCD2|J3KMX2 DKFZp313F2116|Q68DC6
 2141 CACNB4|Q580I4 GCNT3|O95395
 2142 HLA-DMA|H0Y732 CA1|P00915
 2143 TBCK|D6RDG2 GPR1|P46091
 2144 RAB3A|P20336 RAB33B|Q5U602
 2145 COX3|A0A059RWD2 ATP2C1|D6RHV9
 2146 NFIA|S4R3K4 ARHGAP27|Q6ZUM4
 2147 SMAP1|A0A087X1X9 HLA-DR15|M9PA34
 2148 AGTRAP|Q6RW13 ERVW-1|Q9UQF0
 2149 TLR5|D1CS83 ACOX1|K7ESC7
 2150 ARNT2|X5DRE4 HLA-DQB1|A0A0A7C621
 2151 IL18|Q14116 CYTB|V5L8C8
 2152 GINS4|Q9BRT9 TGM5|A0A024R9P4
 2153 PYCR2|B3KMB7 RBP1|H0YAK8
 2154 HLA-A|A0A0A7C794 RNF31|H0YMI3
 2155 COQ2|Q96H96 ND1|A0A097QBR8
 2156 NAT2|A4Z7J7 MED26|M0R2P1
 2157 DTX2|Q86UW9 HLA-A|R4I3G2
 2158 ARPC4|R4GN08 CYTB|A1DV02
 2159 TRPM1|A0A024R212 CXCL3|P19876
 2160 DDX41|H0Y8L8 HNRNPA3|P51991
 2161 HLA-A|D5FHF9 RHD|B4F4S1
 2162 ND2|Q5Q3P5 CLK2|A8K7I0
 2163 KLHL8|Q9P2G9 SYNE3|Q6ZMZ3
 2164 RHCE|A4VAS3 CRTAM|O95727
 2165 ZC3H6|P61129 HLA-A|I3QH00
 2166 IGFBP3|C9JMX4 MGAT1|D6RF69
 2167 SHFM1|F2Z2L7 GPR146|A4D2Q3
 2168 PLCD3|D3DX63 HOXD11|P31277
 2169 DKFZp762B153|Q658J6 CYLC1|Q6NS94
 2170 HLA-C|M9PAC7 CFLAR|A0A024R3Z7
 2171 PRPF4B|H0YDJ3 PITX1|H0YJC8
 2172 TP53|A4GWD0 CYTB|A0A023QAS9
 2173 ANTXR1|Q96EC6 ND1|F2WIN6
 2174 EEF2K|O00418 RXFP3|Q502V2
 2175 KCNT1|C9JYL2 MGAT4B|H0YB84
 2176 ATP6|E9LCR9 SLC22A8|H7BXN9

2177 ND2|A0A023Q460 ND4|V9N518
 2178 ARHGAP5|G3V360 ZFP42|Q96MM3
 2179 BZRAP1|O95153 SP5|Q6BEB4
 2180 EXOC7|K7ERQ5 HEL-205|V9HVZ1
 2181 RPL22|K7EKS7 DTNA|A0A024RC38
 2182 HLA-DPA1|D9YLZ6 CYTB|K4GWK9
 2183 SPANXB1|Q9NS25 SNAPC2|Q13487
 2184 CTBS|Q01459 GJC1|P36383
 2185 MCAT|Q8IVS2 HLA-C|R9RH57
 2186 RORB|Q58EY0 APOBEC3G|M4VSD8
 2187 ND5|A0A096X0V2 MAJIN|E9PRZ4
 2188 EMR3|Q9BY15 CDK2|A0A024RB77
 2189 COX1|D6C1N7 ND5|E5QAB6
 2190 TEX38|Q6PEX7 SEC16A|X6RGP5
 2191 ATP8|H9QNW3 IGFBP1|Q6PEY6
 2192 PXN|F5GZ78 ND1|Q305D4
 2193 ZNF496|A0A024R5Q5 BUB1B|H0YN44
 2194 STRAP|Q9Y3F4 F8|B1B0G9
 2195 SLC5A11|Q8WWX8 CECR2|B7WPH3
 2196 HLA-C|M9P9C2 CDH16|H3BSV3
 2197 ST6GAL1|H7C472 VCX|Q9H320
 2198 NRK|F5H049 CPLX2|D6RBA5
 2199 TRPS1|E5RJ97 SMN2|I2E4S7
 2200 MECP2|D5L9I5 SRCAP|A0A0A0MS59
 2201 HEL-S-69p|V9HWF5 HLA-DPB1|A0A0A7C8N5
 2202 AMACR|V9GZ45 PDE1C|Q8TAE4
 2203 MSX1|E9KXU8 SAMD11|I7F489
 2204 SFTA3|P0C7M3 AIFM1|E9PMA0
 2205 CDKN3|G3V1K6 SMCHD1|A6NHR9
 2206 SERPINB9|A0A024QZT4 SYCP1|Q15431
 2207 RNF146|Q9NTX7 MTRR|H0Y8S9
 2208 NUP62CL|H0Y6X7 HLA-A|Q5EDF8
 2209 NALCN|Q8IZF0 AP1M2|Q9Y6Q5
 2210 HLA-C|G1ENT0 ADORA1|A0A087X173
 2211 HLA-C|C6K4L7 INTS9|E5RJ88
 2212 HLA-B|G0ZMJ5 KLHL15|Q96M94
 2213 CDC42EP5|Q6NZY7 PRL|Q5THQ0
 2214 WASF1|Q5SZK4 SLC22A23|C9J4Z0
 2215 HLA-B|F6KRS1 DNAJB2|P25686
 2216 ZNF141|Q4W5N2 CBLN2|Q8IUK8
 2217 ND3|A0A059RWJ2 CYTB|Q6VHS6
 2218 POU5F1|B5B8P2 SNX21|Q969T3
 2219 COX3|B2XNQ1 ZNF169|Q6PJ92
 2220 PIF1|Q9Y645 RNF41|Q9H4P4
 2221 RAB3GAP1|C9J1R5 FOXL2|P58012
 2222 NELFA|H7C2C7 PPA2|A0A0C4DGB9
 2223 FOXB1|Q99853 CYTB|C7B3Y8
 2224 FBRSL1|Q9HCM7 GPR149|Q2MKA6
 2225 USP7|Q93009 RPE|C9IZU8
 2226 HLA-C|K7P626 HLA-C|J7K1B1
 2227 CHEK1|O14757 AADAT|D6REB9
 2228 HLA-A|D7NPL4 OSM|P13725
 2229 HLA-A|F2VNI6 UBE4A|Q14139
 2230 CCT5|P48643 ND5|A0A059RX43
 2231 WEE1|Q6NSL2 HLA-B|E5FXC3
 2232 CYP2A6|M0R2Z4 TCAP|O15273
 2233 KIAA1033|Q2M389 ATP6|C9D637
 2234 ST6GALNAC2|A0A024R8M1 HLA-B|D7NPN6
 2235 ANUBL1|A0A024R7V9 DPRX|A6NFQ7
 2236 SLC25A32|Q9H2D1 QRFP|P83859
 2237 DKFZp686G16234|Q68E11 SLC45A2|Q9UMX9
 2238 CYP11A1|E7EPP8 NUP37|Q8NFM4
 2239 ND2|V9JQL9 ADNP2|Q6IQ32
 2240 DMC1|Q8IYL1 PLXNB2|Q2TBE4
 2241 ZNF485|C9JV60 MAPK14|E7EX54
 2242 CDC73|Q6P1J9 HLA-A|A0A060VCY7
 2243 METTL15|F8WD83 DUSP16|Q9BY84
 2244 FBLIM1|Q8WUP2 HLA-C|M9P8L2

2245 HLA-A|U5YEG3 CBX7|O95931
 2246 GALC|G3V5E8 CRHBP|D6RHH7
 2247 TERF1|A0A024R7X1 NECAP1|A8K3C2
 2248 SLC16A10|H0Y5M8 SLC10A1|Q14973
 2249 STAT4|C9JFG0 WASH4P|A8MWX3
 2250 ND5|F2WH76 C5orf63|A6NC05
 2251 CYTB|H9MNS6 ATP6|D7NM56
 2252 ADC|D3DPR0 CD4|F5H480
 2253 HLA-C|M9P9K4 ADCY3|H7C1A6
 2254 COX1|D0UTR9 HLA-C|G1EQM4
 2255 DDB2|Q92466 BBS10|Q8TAM1
 2256 RAB40B|I3L178 LSM4|Q9Y4Z0
 2257 C8B|F5H7G1 CACNB4|H0Y476
 2258 PDE6A|O75316 ALAS2|P22557
 2259 NCBP1|F2Z2T1 SLC5A9|Q2M3M2
 2260 FUT1|U5NK91 TENM4|Q6N022
 2261 CHRND|F8WBS0 CD200|F8W7G1
 2262 AGRN|A0A087X208 TEC|P42680
 2263 SUSD1|F8WAQ1 SH2D1B|O14796
 2264 ND3|G3CA53 EPM2A|H0UI04
 2265 DKFZp781P1796|Q68CS2 ATP8|A0A059QM53
 2266 GUF1|Q8N442 ND4|G3C9Z0
 2267 HNRPM|Q6P2D7 FAM131B|Q86XD5
 2268 ACSM3|H3BUF2 PPP2R5E|Q58EX4
 2269 PEA15|Q15121 FRS3|O43559
 2270 ATM|E9PIN0 RECK|O95980
 2271 RPH3AL|I3L2N0 ADGRL3|E7EMR3
 2272 LAT2|C9JA24 ITGA7|G3V2I4
 2273 NRF|A3F768 RASA4B|F8W6L0
 2274 ND5|L7XEQ0 HNRNPC|B4DSU6
 2275 COIII|B9EF90 HLA-DPB1|Q67AP1
 2276 GDF5|D3YR87 GUF1|A0A024R9T3
 2277 ADPGK|H3BU35 ZBTB16|A0A024R3C6
 2278 CCAR1|Q8IX12 GAPVD1|A0A024R862
 2279 ABHD12|Q5T712 TRAF3IP1|Q8TDR0
 2280 TAF3|Q5VWG9 ACSS1|Q9NUB1
 2281 CACNA1A|I3L391 DNAJB11|Q9UBS4
 2282 GPT2|H3BU54 ND3|A0A059QH3
 2283 AC01|P21399 KYNU|B8ZZA3
 2284 MUC6|E9PJC5 RUNX1T1|E5RH72
 2285 SCN3A|Q9GZM4 TSHZ3|A1L0U7
 2286 OLA1|J3KQ32 ZNF707|E9PQ20
 2287 HLA-A|A0A0A7C6S1 TMEM237|Q96Q45
 2288 PHF3|E9PE34 NOTCH4|B2RTR4
 2289 SLC25A26|F8WAB8 ZDHHC1|I3L202
 2290 FPGS|Q96LE4 ND2|D6C3E7
 2291 NCOR1|E7EW50 RHBDD3|Q9Y3P4
 2292 NEIL1|H3BQU8 HMGN1|H7BXJ5
 2293 TIMM17A|Q99595 DOK2|E5RJ11
 2294 MICA|M1SWZ3 ATP6|L7XJ25
 2295 ACBD5|Q5T8D3 ACAP2|Q15057
 2296 GSTA2|P09210 EIF4G1|H7C044
 2297 CPLX2|D6RDN3 ATP6|A7XTZ0
 2298 IFNL1|Q8IU54 EIF4G2|H0YE44
 2299 ADAM10|O14672 CYTB|C7B3R1
 2300 ND2|A0S296 SHROOM1|C9JXU1
 2301 IMPA1|A0A024R830 RAB3B|P20337
 2302 SOX6|P35712 MAPK10|D6RCB1
 2303 DPP6|P42658 CNTN4|C9JMQ2
 2304 ZNF485|Q8NCK3 PCYT1A|P49585
 2305 HLA-B|F6KRR6 GKAP1|C9J9D2
 2306 ND2|A7LE21 HLA-C|F2VNP7
 2307 GAL3ST1|C9JKD7 HSD3B2|Q5QP01
 2308 DUT|H0YNJ9 RHAG|A0A023UN48
 2309 SF3A1|A0A024R1K8 ESX1|A6ZIV1
 2310 JAK2|Q52R86 CYTB|A0A059RTS0
 2311 SSRP1|A0A024R4Z6 Hosa(Biaka)-T2R48|Q50KF8
 2312 MPV17L|Q2QL34 NAA15|Q9BXJ9

2313 CHDH|A0A024R301 ARHGEF3|Q9NR81
 2314 STON2|H0YJ05 ISG15|P05161
 2315 TFE3|P19532 DPEP2|I3L4H3
 2316 MSH5|H7C2J4 CDC37|Q6FG59
 2317 ZNF331|Q71QC8 DPEP2|A0A024R6Y5
 2318 TPRX1|Q8N7U7 ULBP1|Q9BZM6
 2319 HLA-C|W6MX28 ND4L|A4ZL21
 2320 PGLYRP1|O75594 PRKCH|G3V3E7
 2321 ND5|A0A059QY45 CTBP1|E9PGB1
 2322 DBP|Q10586 RNF41|F8VSB6
 2323 RFX2|K7ES56 KLHL3|D6R9K4
 2324 COX3|A0A097Q0W3 CYTB|H9T783
 2325 POLD4|Q9HCU8 COX1|T1Q7E3
 2326 NPAS3|X5DR67 HLA-C|F2VNU4
 2327 OR9I1|Q8NGQ6 CPSF7|F5H669
 2328 NOTCH2NL|Q7Z3S9 ND5|I6MMN1
 2329 ZFAT|E9PBN4 CENPT|Q96BT3
 2330 ESX1|A6ZIU5 MFNG|F8WE21
 2331 PSMB3|A0A087WY10 SPAG7|I3L0Q5
 2332 CIRH1A|Q969X6 MME|C9IYX7
 2333 ATP6V0A1|K7EM24 FAAH2|Q6GMR7
 2334 RPS11|M0R1H5 DDR1|A0A024RCQ1
 2335 SCN1A|F8T7W7 HLA-B|A0A068B2J5
 2336 CA4|K7ENI8 NOMO3|P69849
 2337 COX2|A0A059RPV8 AGPAT2|A0A024R8I7
 2338 PPT2|Q9UMR5 HLA-C|K7P5W0
 2339 DCN|F8VNV6 MUC2|Q02817
 2340 SEPT11|Q9NVA2 DOCK9|B7ZVX0
 2341 TBC1D13|Q9NVG8 RNF144A|P50876
 2342 EML2|K7EIK7 PRCP|E9PLY4
 2343 POLD1|M0R2I8 VIL2|Q9UJU1
 2344 ANXA5|D6RBL5 CYTB|B8RFN2
 2345 ABCB4|A7J1S0 CLDN10|P78369
 2346 ZNF143|Q9H176 OR6Q1|B9EKW0
 2347 TKTL1|P51854 ND3|F2WIF2
 2348 PLEKHM1P|Q69YJ1 TMEM175|Q9BSA9
 2349 SMURF1|Q9HCE7 RGPDI|P0DJJ0
 2350 SMARCA4|A7E2E1 CD6|F6UFK6
 2351 ERBB4|Q53QS8 ATG4B|H7C2A6
 2352 KIAA0427|A0A024R259 LDHC|F5H155
 2353 SPATA31A6|Q5VVP1 RPS2|D3DU83
 2354 DKFZp564H223|Q8NDD8 SHISA3|A0PJX4
 2355 HLA-B|P30480 DDX39A|K7EL56
 2356 CD7|Q29VG3 MATN3|O15232
 2357 HLA-A|F2VNG0 HLA-C|U5YEU4
 2358 SLC25A22|K4DIB3 ACKR1|Q5JY94
 2359 GLRX|A0A024RAM2 CIDEA|Q96AQ7
 2360 HECTD1|Q5XJ19 DLX1|F8VXJ2
 2361 S100PBP|E9PMK1 MAPK9|D7R526
 2362 EBNA1BP2|Q99848 KCNG1|A2A2I8
 2363 DPYSL3|Q14195 ZCCHC24|Q8N2G6
 2364 IL7|P13232 NECAB2|Q7Z6G3
 2365 HLA-C|C9WET0 ND5|C9DF68
 2366 CNTNAP1|P78357 MYOM2|P54296
 2367 ACSBG1|H0YNX0 DPH2|B3KRB8
 2368 ADPGK|H3BN66 XRCC3|Q53XC8
 2369 SCNN1D|A0A087WUC3 HLA-C|G1ENT6
 2370 SLIT2|A0A087WYV5 RPS6KB1|Q4G0X7
 2371 MMP28|A0A087X1Y9 SP140L|U5Y3L1
 2372 RASGRP2|Q7LDG7 ARHGAP40|H7BXE0
 2373 SLC12A1|H0YNL0 CYTB|C4PKX8
 2374 MTMR2|C9JEX3 RALY|Q5QPM2
 2375 EXT2|Q6NUL1 COX1|H9LP88
 2376 ND4|E5E147 EEF2K|O00418
 2377 KEL|Q0KH84 REV1|C9JPS2
 2378 VNN2|J3KQQ7 HLA-C|M9P9C2
 2379 HLA-C|G9HW90 HLA-E|Q6DU50
 2380 URM1|Q9BTM9 TSEN2|C9J7Z4

2381	RARRES1 P49788	TMPRSS5 Q9H3S3
2382	FEN1 F5H1Y3	ND5 D2Y6W7
2383	TTLL1 O95922	ND5 H9QLC2
2384	SGK494 E9PPC7	HLA-A D3U767
2385	BABAM1 M0R0I0	HLA-C D7NP40
2386	ANGPTL1 O95841	CCR5 A0A089H953
2387	HLA-C U5IQN8	TCEA3 S4R3M9
2388	APC A5JUM8	DKFZp781F1414 Q68DN3
2389	HLA-C C5J002	MUTYH D3DPZ6
2390	ND5 Q2HKK5	MINK Q8NG69
2391	TOX3 O15405	CREB1 Q4ZG78
2392	HLA-C M4MD24	NARG2 Q659A1
2393	TRIML2 Q8N7C3	HLA-C A0A0A7C817
2394	DKFZp686G02190 Q6MZL6	KEL Q0KH97
2395	HLA-C V5NW03	ATP6 A0SCX3
2396	HLA-C S4T6J9	HLA-A L7PEX4
2397	NOP2 P46087	MBLAC2 Q68D91
2398	GSPT2 Q8IYD1	ATP6 Q2LH31
2399	SCPEP1 I3L506	ZNF24 K7EPL1
2400	TRPC5 Q9UL62	CYTB Q5XSB5
2401	MGRN1 K7EIM7	MTAP Q6FHP1
2402	MMP17 F5H846	TMEM234 Q8WY98
2403	TGM7 Q96PF1	ND1 A0A059QDA5
2404	UGT1A5 F5HPU6	HA01 Q9UJM8
2405	SFMBT1 A0A024R338	CHD9 Q3L8U1
2406	HLA-A A1Z1D7	CYTB S5RM01
2407	RNF41 F8VSB6	ARID2 Q8WV72
2408	6M1-16 Q8IU63	ND5 B8X5X6
2409	TGFB1 H0Y8M8	CYTB B2YAP0
2410	ND5 A4ZH29	OR52E6 J3KPH0
2411	ND2 Q0ZFJ9	WASH A9QQ14
2412	DBR1 F8WAY1	ND2 L7YLF7
2413	DUSP9 Q6P9C2	SNRNP25 Q9BV90
2414	UBE2J1 Q9Y385	EPHX2 P34913
2415	CERS2 Q5SZE2	FAM65B F5GX51
2416	GPR42 O15529	IL1RL1 E9PC41
2417	TMED5 Q49AG2	ZSCAN20 P17040
2418	INPP5J Q15735	ATP1A1 Q5TC01
2419	TBXA2R P21731	ATXN3 D3VVC6
2420	URGCP Q8TCY9	GPR85 C9JBQ9
2421	HLA-A D6MLL1	SLC22A11 A6NCG2
2422	SNX19 Q92543	DHCR7 H0YEJ5
2423	HAL F8W0V1	KCNG4 Q8TDN1
2424	SP3 Q02447	DKFZp686E0870 Q5CZA1
2425	SH3BP2 P78314	ANKRD27 Q96NW4
2426	MSMB P08118	NUDT5 A6NJU6
2427	PRKACA A0A024R7J0	ATP6 A0A097Q1B9
2428	NUP107 F5GY77	SERPINB5 P36952
2429	PLK4 A0A090BML5	ICAM1 Q5NKV8
2430	pp11741 Q8WYX3	GALK2 H0YLL8
2431	ND4 B4YGU7	HLA-Cw Q85ZX8
2432	INSC Q1MX18	CYP21A2 C7DTU9
2433	CYTB Q4VFL3	FAM38A Q96HU3
2434	UTY A6NCS7	TUBA3C Q13748
2435	CRY1 A2I2P0	COX1 A0A023I8C2
2436	LIX1 Q8N485	ATP6 A0A096WTX2
2437	THBS3 Q2HIZ0	CCR3 Q8TDP5
2438	PPIG Q2NKQ6	CYP21A2 C7DU00
2439	WNK1 D3DUP2	CDC42BPB H0YLY0
2440	TDP1 H0YJL7	RBFOX1 F8VR27
2441	GATA4 E9PRI5	SSTR4 P31391
2442	HLA-A E0YTG6	RBM7 F5H674
2443	PIGA B3KUV7	HLA-A G1DUW4
2444	EXTL2 Q8IYF4	ZSCAN29 Q05BJ4
2445	PAWR H0YHP5	SEPT2 C9IZU3
2446	HLA-DRB1 F5A501	ARID2 Q68CP9
2447	HLA-C Q5C9P9	PIH1D1 Q9NWS0
2448	NONO Q15233	TFG Q92734

2449 KIAA0319|Q5VV43 ZNF641|Q96N77
 2450 ADH5|Q6FI45 TLS-ERG|Q16324
 2451 IP08|F5H292 RAB34|E7ES60
 2452 SMARCC2|F8VXC8 KARS|J3KRL2
 2453 UNC79|Q9P2D8 ATP6V0C|P27449
 2454 DCAF12L1|Q5VU92 PRB1|A5D903
 2455 CNTN1|F8VUI8 ATF2|C9JCI8
 2456 E2F4|A0A024R6W7 HEPHL1|Q6MZM0
 2457 IRF3|Q71U93 JUN|P05412
 2458 SLC15A1|P46059 PMM2|H3BV34
 2459 NOTCH2|R4GN02 DHRS7|Q9Y394
 2460 PARP3|Q9Y6F1 ACAD9|Q9H9W4
 2461 BNC2|F5H586 SLC29A4|C9JZA2
 2462 ADGRF4|A0A0C4DFV3 RBM12B|Q8IXT5
 2463 ZNF771|Q7L3S4 CLSTN3|F5H5C6
 2464 ATP6|U3LS18 SIN3B|M0R271
 2465 COX5B|Q6FHM4 EML2|K7EIK7
 2466 ACAA2|A0A024R269 ATPase|Q4GAR3
 2467 ND4L|H9E7C3 cytb|Q4GFM1
 2468 LAMB2|P55268 LIMD2|Q9BT23
 2469 TMEM223|A0PJW6 HLA-C|H2DMJ8
 2470 XPO1|C9JV99 FANCC|B1ALR7
 2471 LDB2|Q4W5E7 ADAMTS8|Q29RW5
 2472 SNAPC4|A0A024R8F4 CXorf34|A0A024RCF5
 2473 TRMT11|Q7Z4G4 ND5|B2XH89
 2474 VPS53|Q5VIR6 GPR64|Q8IZP9
 2475 HLA-B|I6RCX9 SSX7|Q7RTT5
 2476 HLA-A|A9Z192 BRCA1|Q3LRH8
 2477 TATDN3|E9PQP8 COX3|Q0Z7G1
 2478 MTL5|Q9Y4I5 KCNV1|Q6PIU1
 2479 HLA-C|D6MLC7 HLA-DQB1|L0BXW3
 2480 ZNF559|A0A0A0MTT2 CTCFL|F5H2V8
 2481 TREX1|Q5TZT0 ATP6|I3Q4T9
 2482 CPSF4|C9K0K2 ITGA5|P08648
 2483 SPCS3|P61009 CCDC126|Q96EE4
 2484 IRF3|Q14653 HLA-DQB1|L0BX49
 2485 ZSCAN31|C9JPM5 ABHD11|D3DXF2
 2486 HLA-DPB1|I4EC15 TIMP3|P35625
 2487 THOP1|Q96CV8 HLA-C|D6ML88
 2488 OBFC1|Q9H668 HIF3A|E9PLC8
 2489 CRAT|B7ZBP5 HLA-B|X5MPH2
 2490 HLA-DMA|P28067 PAH|Q8TEY0
 2491 EPB41L2|Q6R5J7 ELMOD2|V9GY58
 2492 ST8SIA2|B2R9U8 MYC|B3CJD9
 2493 ART3|Q5J1P8 NUDT17|P0C025
 2494 KLC1|F8W6L3 MRPS7|J3QLS3
 2495 ND1|A0A097Q823 ANKRD50|Q9ULJ7
 2496 POU5F1|U3KQH6 UTY|F4MHM5
 2497 ZFX|Q8WXB9 COX1|N0BWE9
 2498 HLA-C|I6NXH6 MON1B|Q7L1V2
 2499 GPR68|Q15743 MFNG|O00587
 2500 HLA-A|B1PT16 HLA-C|M9P9M3
 2501 STAR|H0YB94 HLA-DPB1|A0A0A7C755
 2502 IQGAP1|P46940 LCN6|P62502
 2503 AGAP7|Q5VUJ5 ELF3|P78545
 2504 EIF3G|A8K5K5 ADCY7|F5H4D1
 2505 ARMC10|Q8N2F6 ANO5|Q75V66
 2506 EPN2|A0A024QYY1 TMEM140|Q9NV12
 2507 F8|A6NAE9 FLJ21103|A0A024R3L8
 2508 TMED2|E7EQ72 LRIF1|Q5T3J3
 2509 MRPS16|A6ND22 SERPINB5|P36952
 2510 HLA-A|A0A0A7C5K7 SYDE1|M0QXZ8
 2511 KCNV2|Q8TDN2 BRUNOL6|B3KWE6
 2512 BILITL1|I6VE22 ZSWIM4|Q9H7M6
 2513 ACP2|E9PQW9 MSH2|Q0ZAI9
 2514 THNSL1|Q8IYQ7 ND5|B2XJ88
 2515 GLDN|H0YM22 hCG_1991833|D6W5G5
 2516 TOP3A|K7ELI7 HNRNPM|M0R2T0

2517	LONP1 B3KU28	ATP6 B2XHM6
2518	CTTNBP2 Q20BG9	UBXN11 Q5T124
2519	DDX19B H3BQK0	SYNE1 I6WZ14
2520	AIM1 Q9Y4K1	PRMT5 G3V2L6
2521	IGFBP1 P08833	LTK P29376
2522	MTHFR A0MPA5	HLA-A A0A076L0P9
2523	PHC2 B7ZLY0	OR10C1 Q6IFQ5
2524	ND1 F6N878	TCEB2 B8ZZU8
2525	TAS2R41 P59536	CD40LG C1L3E0
2526	NR1H4 Q6IPQ7	MIOX A6PVH2
2527	COG1 E9PBL8	SYBU E9PNN9
2528	FBX043 Q4G163	ATP6 A0SBS0
2529	ZNF648 Q5T619	ILVBL M0R1B5
2530	GAA I3L2V9	CSNK2B N0E638
2531	HLA-B C8CH90	hCG_1994888 A0A024R156
2532	CLPP Q16740	TAS2R8 Q4KN04
2533	CYTB A0A059RPU7	TOP1MT E5RFS0
2534	NFE2L2 Q16236	ATP6 G9LMV6
2535	CLDN3 Q75L79	HLA-DPB1 A0A0A7C596
2536	CLTC J3KSQ2	HLA-B G1EMM5
2537	CHCHD1 Q96BP2	COX1 A0A059QQA1
2538	ALG10B F8VXJ0	EME1 Q96AY2
2539	MC1R V9QDF4	HLA-B A3FG60
2540	SEPT11 D6R9Y6	ND3 A6Z8G6
2541	IA4 Q8IUA2	RBM19 H0YIL2
2542	TMEM91 H0YGI4	PLANH2 Q6LDR6
2543	TGM5 A0A087WZC4	IKBKAP Q8N516
2544	HBD1 Q86SQ8	ND3 Q9B0N2
2545	SPINT3 P49223	KCNA6 P17658
2546	CYTB A0A023QAT6	ABCF2 A0A090N7X1
2547	PPCS Q9HAB8	KIAA1033 Q2M389
2548	COX3 Q9B1S6	ND3 A0A096WBL4
2549	HLA-C F1CCK7	TSC22D1 Q15714
2550	ZHX3 H0Y6F5	PTPA A6PVN7
2551	SLC16A5 J3KS19	AR P10275
2552	ZNF804B A4D1E1	ETV3 P41162
2553	ABR I3L2P5	COX1 D6R6E1
2554	HLA-DQB1 L0BXU4	GAPVD1 B4DGD8
2555	HLA-DR15 G1EMX3	CFLAR E9PAP3
2556	RAET1L J7HHH7	ACOT2 A0A087X0W7
2557	TOMM20L G3V4A4	ADAM12 O43184
2558	IL22 Q9GZX6	HLA-DPB1 A0A0A7C851
2559	HLA-C A0A060VHI0	NENF Q9UMX5
2560	KLK10 W8GJG8	HLA-A D5FHP9
2561	ZNF184 Q99676	TGM2 A2A2A0
2562	C19orf25 Q9UFG5	AKAP8L Q9ULX6
2563	SF3B1 O75533	OR51H1P Q8NH63
2564	cytb B5LMK0	DUSP27 Q5VZP5
2565	CEPT1 Q9Y6K0	CAPN1 E9PJA6
2566	PLCH1 Q4KWH8	THEM5 Q8N1Q8
2567	SIDT2 G3V172	HEL-S-15 V9HWI5
2568	WARS G3V3Y5	TNFAIP2 H0YM45
2569	ATXN3 D3VVK6	OAS2 F8W1C5
2570	RNF19A A0A0C4DGD6	ATXN3 D3VVL7
2571	SCN5A E9PHB6	PRPSAP1 C9JUN4
2572	EEF1A1 Q6P4C9	FLJ00046 Q9H7M4
2573	STAT2 R9QE44	MYL1 Q53R15
2574	SLC17A3 H0Y8R7	PPP2R3B Q96FD8
2575	ATG7 H7C2R3	STK36 Q9NRP7
2576	DISP2 A7MBM2	PFKFB3 F2Z2I2
2577	hCG_1984214 I3L0E3	GTPBP10 C9JNI1
2578	RPS27 Q5T4L4	TSPAN6 O43657
2579	PAX7 P23759	DEDD O75618
2580	CCDC36 Q8IYA8	ND2 A0A059RSZ5
2581	RAPGEF3 O95398	FCER1G P30273
2582	ND4 C8Y200	SH3BGRL O75368
2583	NPW Q8N729	COX1 I3Q9N9
2584	HLA-C C7FDV7	FRZB D9ZGF6

2585	ND1 E5E0Y6	ND4 B4YGU7
2586	MTERF3 E5RIK9	MARCH8 Q5T0T0
2587	HLA-C I6NS49	STAT1 E7EPD2
2588	ND1 A0A023QC18	TLK2 J3QS44
2589	MEIS1 H0YNY8	REST A0A087X1C2
2590	NANOG F5GZI2	EGLN1 R4RYZ7
2591	SULT1A1 H3BRY5	HLA-C Q8MHP9
2592	ND6 F6MZF8	COX2 Q0Z7K3
2593	POLD3 Q15054	RAPGEF5 E9PGY3
2594	ND4 D6R6M6	PHC2 A0A0A0MSI2
2595	DNAH12 J3QTM1	HLA-B D2DKG1
2596	ZNF433 F8VU36	ALG12 H7C4I6
2597	PHKG2 H3BP07	SYS1-DBNDD2 H3BUS1
2598	TNP02 A0A075B780	SRI C9J0K6
2599	ND1 C8Y6L6	DLG2 Q15700
2600	GLTP F5GZ49	ZSCAN29 A0A0C4DGM2
2601	CBFA2T3 D3DX76	PTPRT A0A087X1X2
2602	HLA-DR15 G1EMX1	CUBN Q7LC53
2603	MED31 I3L2J1	FHL2 U3KQT4
2604	CFB H7C5H1	hCG_36856 A0A024R010
2605	RSG1 Q9BU20	PTPN13 Q4W5F5
2606	DKFZp762F2011 Q9NPV4	WNK1 F5GWT4
2607	RPS3 E9PQ96	DPAGT1 H7C2L6
2608	MRPL4 K7EKI4	COQ5 Q5HYK3
2609	TBC1D3I A0A087WXS9	URAD A6NGE7
2610	MFAP2 P55001	RPRD2 Q5VT52
2611	FSHR F8WBM4	MARCH1 Q8TCQ1
2612	ABCC10 A0A024RD21	LTB4R G3V4Q5
2613	Hosa(Adygei)-T2R7 Q50KV7	MAPK1 P28482
2614	DKFZp434K0835 Q8ND87	SEC14L3 Q495V9
2615	ZNF534 Q1T7F6	SORBS3 E5RIA0
2616	MYC B3CJ91	ZNF527 Q8NB42
2617	BECN1 K7EMA2	ZNF18 J3KSC1
2618	CYP17A1 P05093	GAB3 Q8WWW8
2619	HLA-C G0ZMJ6	CYTB Q2HJZ5
2620	ND4 H9NQH2	ALDOB A0A024R145
2621	HLA-B D1FXG9	ATP6 D7NUP8
2622	EIF4E3 Q8N5X7	ANXA2 H0YN42
2623	FLG Q4JFL9	GGA1 B0QYR6
2624	NTN1 O95631	CYP20A1 Q6UW02
2625	SECTM1 J3KS40	TIPUH1 Q25QX8
2626	hCG_1991559 A0A024R8W5	ND4 A0S2M1
2627	POU5F1 B5B8Q0	ATAD1 Q8NBU5
2628	NADH2 Q4GUY7	ATXN3 D3VVF1
2629	ATXN3 D3VVG2	HLA-A P13746
2630	NAT10 Q9H0A0	AOX1 C9J244
2631	HLA-DQB1 U3PYN7	COX3 A0A088FT95
2632	DEFA4 P12838	HLA-B D9ZNA7
2633	SLC3A1 B8ZZP2	ASPG Q86U10
2634	TEX14 Q8IWB6	ND2 I6QAV6
2635	ND1 A0A023QST8	CPXM2 Q8N436
2636	IYD Q6PHW0	MAP3K11 H0YCF5
2637	SP4 Q32M51	ZNF286B P0CG31
2638	CLPX A0A024R5X7	CYTB R9Y4U8
2639	RPF1 Q9H9Y2	ERBB2 P04626
2640	ND1 Q7YCF4	CTNND2 D6RBA8
2641	SNAP91 E5RIJ5	SLC4A5 Q53QY5
2642	FN3K Q9H479	NDRG1 E5RJY1
2643	CTRL Q8IUW0	HRAS P78460
2644	HLA-DRB1 A0A0A7C3X0	CCNF P41002
2645	UBA5 E7EQ61	SERPINF1 P36955
2646	RPS3A D6RG13	ARNT I6L9E7
2647	TNFAIP3 D3TTZ3	ND5 E5DY45
2648	SHMT2 G3V4T0	FSHPRH1 A0A024RCG4
2649	ND5 X5BV52	ACBD5 Q5T8E0
2650	PRCP E9PL49	PBGD Q68Y91
2651	ARNTL E9PL54	ABCF2 A0A090N7Y2
2652	COX3 B8XZS7	HLA-A E2D5M5

2653 POLA2|Q14181 SREBF1|P36956
 2654 ATP6|H9SDV9 LYZB|A0A080YUZ6
 2655 ZC3HC1|Q86WB0 HABP4|Q5JVS0
 2656 ADAMTS18|Q8TE60 GBA2|A0A0A0MRV1
 2657 HLA-A|Q5D1X2 COL5A1|A0A024R8E5
 2658 NUP93|H3BPA9 ZDHHC3|C9JNU5
 2659 HLA-C|O78065 ND3|G5D8J7
 2660 N6AMT2|Q8WVE0 ZNF250|E9PL28
 2661 ND4|V5JGF7 HLA-A|D3U479
 2662 ZNF658|B9EH69 MLH1|Q0ZAJ5
 2663 SET|A0A0C4DFV9 ATP7B|P35670
 2664 GAL3ST1|C9J2X7 OCT-2|Q9UMJ4
 2665 COII|D2Y6Y2 hCG_2028303|A0A024R641
 2666 ZC3H7A|Q8IWR0 UTP14C|Q08E77
 2667 ECD|O95905 GRIK2|A0A0A0MRL4
 2668 CYTB|A0A059S424 HSPA8|A8K7Q2
 2669 WEE1|Q86V29 FBRSL1|Q9HCM7
 2670 HIP1|A4VCI6 ND3|A0A059QNT1
 2671 LOC317671|A0A024RAR3 SBDS|Q9Y3A5
 2672 MAD1L1|C9JPS1 UTY|E1U1N1
 2673 RPA3|B5MC59 EIF2S1|H0YJS4
 2674 ATOX1|Q6IBA3 RHD|T2LLP2
 2675 HLA-DPB1|P04440 EPHB6|O15197
 2676 HLA-C|C5IZY3 AP3M2|E5RI83
 2677 NME4|F2Z2X0 ND1|A0A059RK86
 2678 RAB6A|A0A024R5J5 FBXO18|Q66K33
 2679 ARHGEF2|V9GYF5 DUX4|E0Z3H5
 2680 CD109|F1C639 HLA-G3|Q29897
 2681 SYN3|O14994 CYTB|R9Y4P9
 2682 TMSB4X|Q0P5Q0 ADGRL4|B1AR72
 2683 APH1B|H0YLT0 ZNF808|C9IZE3
 2684 PRCP|E9PLY4 HLA-C|G1EQ94
 2685 HDLBP|H7BZC3 ATP6|J7HR34
 2686 NAT2|A4Z7P9 WNK2|H0Y7R3
 2687 RYR1|M0R014 SAP30BP|J3QLH3
 2688 YARS|P54577 USB1|Q9BQ65
 2689 PHEX|P78562 PYY|P10082
 2690 TAPBP|A0A0A0MSV9 PLTP|B3KUE5
 2691 DPP9|Q86TI2 ND4L|H9E7R6
 2692 SWAP70|Q9UH65 NSMF|Q6X4W1
 2693 EEA1|Q05D76 HYLS1|Q96M11
 2694 ChSy-2|A2V663 CYTB|N0BNV5
 2695 RAB7A|P51149 ND1|D6R5V7
 2696 HFE|A0A097CKB2 SLC17A3|O00476
 2697 SERPINA5|P05154 LRP1|Q7Z7K9
 2698 POLR2E|K7EQN2 SLC35F3|Q8IY50
 2699 COX2|Q19MP7 CYTB|A0A023QAT6
 2700 COL9A2|Q14055 SLIRP|Q9GZT3
 2701 BABAM1|M0QXG9 FOXRED2|B0QYA2
 2702 ZNF257|Q9Y2Q1 KCNN4|D1MQ10
 2703 NYD-SP26|A0A024RDC1 HLA-C|A8E0Y7
 2704 CHRN2|P17787 HLA-C|D6ML75
 2705 TYR|A0A024DBG7 OR4C46|A6NHA9
 2706 RBPMS2|Q6ZRY4 PCNA|Q7Z6A2
 2707 MSL1|J3QQY0 ATF7IP2|Q5U623
 2708 HLA-DQB1|K7WPG3 NR1I3|Q14994
 2709 RUNX1T1|E5RJ32 HLA-C|Q9UQT2
 2710 HLA-G|B0L3Q0 ASIC4|Q96FT7
 2711 HLA-DQB1|L0BX97 MAZ|H3BQS2
 2712 ZNF439|Q8NDP4 HLA-C|C6K4K2
 2713 TRIM23|D6RBN4 ND2|Q7YEE3
 2714 ZFAT|E5RH37 ZDHHC19|A0A0B4J1W2
 2715 PLLP|A0A024R6T3 HCR|Q0EFB6
 2716 COL6A3|P12111 MED27|Q6P2C8
 2717 RNF14|D6RBK4 METRN1|Q641Q3
 2718 DEUP1|A0A087WVI3 HLA-C|D5M8B4
 2719 ND4L|V9JC41 UBD|O15205
 2720 WLS|Q5T9L3 MC1R|Q6UR98

2721 SLC8B1|A0A0B4J252 ADAM9|C9JPM3
 2722 CYTB|Q6RL09 CNOT9|H7C0W0
 2723 DGKE|A1L4Q0 WBP11|A0A024RAW9
 2724 ATP6|B2Y9B5 hCG_2026745|A0A024R9P1
 2725 HLA-B|D2DKF7 CYTB|Q5XRU6
 2726 cox2|X2D4F2 CDK7|D6R9G1
 2727 CYTB|A0A023QH23 KIF5B-ALK|C1PHA2
 2728 LY9|Q9HBG7 GPRASP2|Q96D09
 2729 ZNF846|K7ELQ5 ND2|V9JGI4
 2730 KCNH2|A0PJW5 ACTR3|A0A024RAI1
 2731 FKBP1|Q9UIM3 ZNF469|H3BS19
 2732 TXN2|Q99757 HAVCR2|Q8TDQ0
 2733 HLA-Cw|A4Q9R6 ZNF529|K7ESA1
 2734 COX1|A0A059RSB9 HLA-A|G1EPB4
 2735 PPCS|Q9HAB8 FLYWCH2|Q96CP2
 2736 FKBP2|P26885 ITGB1BP1|A8MPU2
 2737 CHES1|A0A024R6I1 ARHGEF4|Q9NR80
 2738 FXVD6|E9PHZ3 CELA3B|A0A0A0MRS2
 2739 CNTNAP2|X5D7C2 WRB|O00258
 2740 STAR|P49675 NADH1|Q4GPH7
 2741 CYTB|A1Z552 HLA-B|J7F577
 2742 CLEC10A|Q8IUN9 GJA8|A0A097IWA1
 2743 ADGRD1|A0A087WYZ5 TP53|L0ERB4
 2744 VMAT2|Q99870 BRSK2|E9PPI2
 2745 ZNF555|Q8NEP9 ZC3H12C|E9PP00
 2746 MLPH|C9JI01 TLR5|D1CS89
 2747 TLR6|B6CH45 COX3|G4W4F2
 2748 ND1|B0Z6P6 HLA-B|R5A8T8
 2749 CAPN1|E9PMC6 HLA-C|G1ENQ7
 2750 COL4A3|A0A024R456 DERA|G3V158
 2751 TXNDC17|Q9BRA2 SASS6|Q495U0
 2752 K14|Q13092 SGK071|Q8NE28
 2753 ND5|A0A0A0PUW4 HEL-S-92n|V9HWP0
 2754 ZNF334|Q9HCZ1 ABCG5|Q53QN9
 2755 TECRL|E9PD39 TEX101|A0A024R0T7
 2756 RPS23|D6R9I7 OR10H1|Q9Y4A9
 2757 HLA-C|F6KS05 ZBTB34|Q8NCN2
 2758 GLB1L|Q6UWU2 GRM7|Q14831
 2759 CD19|P15391 GPR27|Q9NS67
 2760 ChAT|Q6LEN5 ECI1|H3BS70
 2761 ND3|A0A059RRM4 CYTB|Q6VHJ3
 2762 SCN5A|A3EY18 MSX1|E9KXT5
 2763 M6PR|F5GXE0 ZNF616|M0QYU5
 2764 DCN|A0A024RBG6 IL6|B5MCZ3
 2765 SDR42E1|Q8WUS8 MSX1|E9KXT8
 2766 STAT2|A0JLQ9 ARSI|Q5FYB1
 2767 ND6|L7S6V9 ND5|E7E2S5
 2768 CALCOC01|A0A024RAZ1 BAZ2B|Q9UIF8
 2769 HLA-A|G0Z6Y6 SSB|E9PFL9
 2770 PDGFRB|E5RJ14 F8|D5H408
 2771 KCNJ15|E7EWV2 DYRK4|D3JEN0
 2772 SARDH|A0A0A0MT55 HLA-A|K7P5V7
 2773 PHF8|Q9UPP1 c-myb|Q708J0
 2774 H2AFB1|P0C5Y9 COX1|B2XGN6
 2775 MTRF1|O75570 HLA-DR15|I6M556
 2776 OXA1L|Q2M1J6 RAD54L2|H0Y760
 2777 HLA-C|W6MX28 HLA-A|F8RHD1
 2778 TP53|D5KL90 WSB2|F5H280
 2779 DKFZp762B226|Q68CM9 SNX6|H0YJF8
 2780 ALDH5A1|X5D8T4 PRPF18|Q5T9P7
 2781 TGIF2|H0YKN5 RXRA|P19793
 2782 PAIP1|D6RJ02 DCAKD|Q8WVC6
 2783 ZNF22|A0A024R7T4 RPL41|P62945
 2784 PHF20L1|A8MW92 ATF3|Q7Z567
 2785 HLA-C|D7NR07 MT1X|U3KQD7
 2786 PARVA|J3KNQ4 HLA-B|A0A0A7C4R0
 2787 SPACA3|E9PF91 KLK4|A0A0C4DFQ5
 2788 HLA-DQB1|V5JAP9 GAR1|Q9NY12

2789 SLAMF6|Q96DU3 ND1|A0S3S8
 2790 NUDT9|Q9BW91 HEL-S-19|V9HWE7
 2791 APOL1|U5LIA9 CYP2D6|D5KMZ1
 2792 AMY1A|Q5T084 OR10X1|Q8NGY0
 2793 ND5|A0A068BZI1 TMPRSS5|G5EA47
 2794 MIR16|A0A024QYU1 YBX2|Q9Y2T7
 2795 SLC24A2|Q9UI40 COX1|A0A059RTB8
 2796 OR1L4|Q8NGR5 ATCAY|Q86WG3
 2797 HLA-C|R4QT87 HLA-DPB1|A0A0A7CA96
 2798 ND4|A0A059RVT1 POLR3G|D6REQ0
 2799 PPP1R13B|H0YJG1 AMDHD2|Q9Y303
 2800 HLA-C|D7NP05 MAOB|Q8TBI1
 2801 ND4|B2D666 DOCK2|E5RFJ0
 2802 NRCAM|Q92823 ND5|J7HR49
 2803 HMX2|A2RU54 TMBIM6|F8VSI7
 2804 ZNF649|Q9BS31 HEG1|H7C4M4
 2805 PCCA|P05165 COI|W1IAH8
 2806 PDK1|Q15118 TSC1|Q92574
 2807 MRGPRE|Q86SM8 CARD11|Q9BXL7
 2808 CLDN15|C9J3Z2 SIN3B|M0R271
 2809 SLC4A5|Q9UDR3 COX3|Q5SAG0
 2810 UVSSA|Q2YD98 GNA01|H3BQG8
 2811 HLA-DRB1|M4MEW2 ATP6|A0A023Q9F0
 2812 HLA-B|D2DKQ1 PDCD2|Q16342
 2813 KPNA6|O60684 ARHGAP36|Q6ZRI8
 2814 TBC1D3K|A0A087X1G2 SEPT2|C9JB25
 2815 DEPD4|A0A024RBI9 ZSCAN29|A0A0A0MS73
 2816 CAP2|P40123 SYT2|A4FU00
 2817 GTF2H2|R4GMS9 ND2|A0A059RSZ5
 2818 CDH11|A0A087X227 THTPA|Q9BU02
 2819 COX3|A0A059S1K3 NIPSNAP3A|Q9UFN0
 2820 FRMPD2|D3DX87 HLA-A|F2VNF2
 2821 CLN5|A0A024R644 TGIF1|F8VX54
 2822 FAM134C|K7ENF4 KIFC3|B7Z896
 2823 JMJD4|Q9H9V9 C1orf85|Q8WWB7
 2824 TBXAS1|F8WC80 CCDC40|Q4G0X9
 2825 CACNA1B|B1AQK7 TNXA|Q16473
 2826 MYH14|A0A0C4DFM8 GRIK4|Q16099
 2827 CASP7|A0A0A0MRL7 HLA-Cw|B5ATV3
 2828 RPL23|P62829 EAPP|Q56P03
 2829 HLA-C|G1ENW0 HHATL|C9JHL0
 2830 BHLHA15|Q7RTS1 ZNF618|B5MDS3
 2831 HLA-F|P30511 IDH1|Q6FI37
 2832 PRDX4|A6NG45 POLE|Q07864
 2833 AR|A0A087X1B6 HCST|Q9UBK5
 2834 DGUOK|E5KSL5 BAIAP2|I3L4A3
 2835 HLA-C|F6IQJ8 ND5|U3LC10
 2836 TCEB3|A0A024RAC6 PLD1|Q13393
 2837 ND1|A0A059R906 GPR174|Q9BXC1
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 2839 MYH8|P13535 SUCLG2|Q3ZCW5
 2840 CYTB|H9Q745 HLA-B|C8CH91
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 2842 WDSUB1|Q8N9V3 HLA-B|Q7JGR7
 2843 CNTFR|Q5T8H6 TAS2R13|A7E1X5
 2844 F13A1|P00488 GSTM2|Q0D2I8
 2845 HLA-DPB1|A0A0A7CA84 CYTB|H9NTY4
 2846 ND5|Q4F2K8 CYTB|E2DEX2
 2847 HLA-Dw12|Q29969 OSBP2|A0A024R1L4
 2848 HLA-A|B7VBV1 PRKD1|H0YHL5
 2849 NEK8|K7EPD3 DGKH|Q86XP1
 2850 ND4|D2Y6X4 KLK5|M0QXX2
 2851 TRPM2|E9PGK7 POLDIP3|F6VRR5
 2852 CCNE2|A0A024R9B0 COX3|Q85L04
 2853 SLC4A2|Q9UEY5 SUDS3|Q9H7L9
 2854 ATP6|D0UTS2 SETDB1|E9PQM8
 2855 ND2|Q4ZEH6 HLA-C|B3GMV4
 2856 TFDP1|Q5JSB5 NUDT2|P50583

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2860	HLA-C X5MI27	LIMCH1 G5EA03
2861	ND5 Q4F656	CFTR Q6KEB8
2862	SUM04 Q6EEV6	ZNF267 Q14586
2863	COL4A6 Q14031	F8 A0A2G8
2864	PRSS23 O95084	HLA-C H6V086
2865	HYAL2 C9JSI7	LMCD1 B4DEY6
2866	ZNF250 Q3B7J8	PIGN O95427
2867	STAT1 P42224	ND2 A0A075C882
2868	HLA-DRB1 E1V2J9	SCN2B Q5U0K8
2869	LOXHD1 C9JMG7	AQPEP Q6Q4G3
2870	DYNC1I1 Q7Z6M0	PHF7 A0A024R336
2871	BARHL2 Q9NY43	PSMA6 G3V3U4
2872	TMBIM6 P55061	MYRF Q9Y2G1
2873	HLA-C F6KRV6	KLHL3 Q49A42
2874	RNF6 Q9Y252	PIGF H7C392
2875	CDKN2A G3XAG3	THOP1 K7EMU4
2876	ND1 Q5S8Q5	ND2 D7PAT6
2877	PLS1 C9JU08	MYCBP2 O75592
2878	ND4 X5CDJ3	APC2 K7ELQ3
2879	SS18/SSX2 Q8IZH0	CYTB Q306D2
2880	RPS19 M0QYF7	TAC3 A0A024RB47
2881	UBE3A Q05086	HLA-C F6IQL1
2882	EVC2 Q4W5A4	TTLL12 V9GY16
2883	MAP9 B9EJB6	RELA E9PNV4
2884	PITX3 A0A0B5HP39	ZDHHC20 Q5W0Z9
2885	ND4 B2XQ96	PRDM9 I7A6V7
2886	OPRK1 A0A087WU84	TSC22D4 Q8IV54
2887	TPST2 B1AHK0	PAQR4 Q8N4S7
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2889	HLA-C D6MKX3	PIK3R1 H0YB27
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2891	HLA-A A0A060VD08	ESRRA P11474
2892	TBC1D2B Q9UPU7	SWAP70 Q9UH65
2893	RCHY1 D6RAF6	ND5 D6BZU5
2894	FGFR2 S4R381	SMAD5 H0YAM3
2895	SRC Q71UK5	PABPC1 E5RFD8
2896	S1PR5 A0A087WXR8	BTN3A1 O00481
2897	TP53 Q19RW5	SHFM1 P60896
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2899	WNT5B F5H364	LRR4B Q9NT99
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2901	RGL2 Q9BSI0	WBSR16 Q96I51
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2905	COX1 B1PI08	LOC51277 Q53T06
2906	SPATA13 J3KQJ8	EPB41L3 J3QKK4
2907	HLA-DQB1 A0A0A7C6E9	TRAPPC8 Q9Y2L5
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2910	SKIV2L Q15477	SLC25A26 Q70HW3
2911	ZACN Q401N2	SCNN1D P51172
2912	NADK A0A024R058	HLA-C I6M563
2913	PYCR1 B5MD87	CDC7 B1AMW7
2914	SNAP91 E5RFU0	SLC6A4 B3VRR5
2915	RHCE Q9UP91	GCNT3 O95395
2916	CRADD P78560	IL13RA1 P78552
2917	HLA-C A0A0A7C7Y4	PPP2R5C H0YN84
2918	MAP3K10 M0R1J8	KCNJ15 F8VX74
2919	ND5 Q5XS00	ND3 F1B7M6
2920	MYO19 A0A087WZQ9	SEC22A C9JDJ8
2921	IARS Q5TCD1	NTRK1 X5DR71
2922	FRRS1 Q6ZNA5	HLA-F Q861E9
2923	LMO3 F5H655	APAF1 O14727
2924	MYC B3CJ89	MRPL28 A2IDC7

2925 ND6|Q4F694 AP1M1|A0A087WZX7
 2926 ITGB3|F1C630 HLA-DPB1|U5IS33
 2927 C14orf159|Q7Z3D6 HLA-A|F2X5X0
 2928 ST6GALNAC3|A0A087WWK2 HLA-B|E0X9R8
 2929 ATP6|G8JD62 HP|H3BS21
 2930 REST|L0B2U7 EDEM2|Q9BV94
 2931 PITPNA|I3L459 PTBP1|K7ELW5
 2932 LOC646743|H7C364 PSMD11|O00231
 2933 MAPKAPK3|A0A024R2W7 HERC1|A0A024R5W0
 2934 HRC|P23327 BCL9|O00512
 2935 MYO1B|C9K0I9 ABCE1|D6RGF4
 2936 RTCB|Q9Y3I0 FANCI|H3BS60
 2937 OR4N2|Q8NGD1 SIGLEC15|Q6ZMC9
 2938 WDHD1|O75717 SLC6A4|B3VRR0
 2939 ZNF584|Q8WVQ2 DEPDC4|Q3ZCN8
 2940 pp7052|Q8WYU3 COX2|H9E7F7
 2941 ND2|A0A096W092 TLR6|B6CH42
 2942 ND2|G5D8P3 MYH13|Q9UKX3
 2943 EGLN1|R4RY7 GPRC5B|H3BQV9
 2944 DECR2|Q9NUI1 CYTB|Q15H01
 2945 CD300LB|A8K4G0 HLA-C|D7NQX7
 2946 KIF3C|O14782 IL11RA|Q14626
 2947 COX3|Q4VFD0 ATP6|R9Y4V1
 2948 AASS|Q9UDR5 ZNF343|Q6P1L6
 2949 NFATC1|F5H4S8 HLA-B|M9PNX2
 2950 ATP6|U3KWA8 GRIK4|A6H8K8
 2951 STX10|K7ELY2 NTRK3|X5DNW6
 2952 SEPT11|D6RGI3 ENTPD6|O75354
 2953 PTP4A3|O75365 AF10|Q71UR7
 2954 DQB1*0603|Q30088 ND4|B5M7S8
 2955 HMGA1|A0A024RCT9 PBX1|H0YLM3
 2956 ZBBX|A8MT70 FAN1|X5D9F0
 2957 ND4|A0A059QUW1 TRAPPC10|P48553
 2958 L3MBTL3|Q96JM7 KRT13|K7EQH6
 2959 PTRHD1|Q6GMV3 COMMD9|Q9P000
 2960 ND5|L7XWB1 AFF4|Q9UHB7
 2961 NPAS3|X5D7M0 HLA-B|E2DH92
 2962 SSB|P05455 ALDH6A1|A0A024R6G4
 2963 ND5|V9J3G5 PLA2G2C|J3KMZ3
 2964 CYTB|E5EWJ7 KCNB1|Q2NLD5
 2965 AGPAT5|Q6NUM7 LTBP1|E7EV71
 2966 SLC2A13|Q86X07 ELN|E7ENM0
 2967 HDAC2|E5RJ04 TCF15|A4LBB6
 2968 MINOS1|Q5TGZ0 ERI3|O43414
 2969 DYNLT1|P63172 ND5|G5D8L3
 2970 ABCA1|B2RUU2 HGS|O14964
 2971 GBGT1|J7PW20 ND1|H9P9N4
 2972 EDEM1|A0A024R2D5 PLXDC1|J3QR40
 2973 UGT1A4|Q8WX86 MORF4L1|H0YNE0
 2974 LTBP3|E9PJR2 LIAS|Q6P5Q6
 2975 MXI1|F6WCI9 COG4|Q9H9E3
 2976 ND5|A0A059QR29 IL4|D4HNR6
 2977 CAPS|K7ES72 ROB02|R4GMM8
 2978 CXorf36|Q9H7Y0 TAS2R1|Q502V6
 2979 SBN01|A3KN83 NR4A2|F8W6I3
 2980 COX2|G5D8N2 COX1|A0A023RCN6
 2981 SNRPB2|P08579 GCSAML|E9PRX8
 2982 RPL24|P83731 ARHGEF3|C9JNF2
 2983 RIT1|Q92963 ALPK1|Q96QP1
 2984 LRRN3|A4D0T1 RPLP0|F8VRK7
 2985 ATP6|Q4F4D7 UGT2B7|E9PBP8
 2986 DAPK3|O43293 VPS37D|Q86XT2
 2987 SPTLC3|H0Y733 HLA-C|D6C6D5
 2988 TRIM64C|A0A087WYH8 NFATC2|B5B2P4
 2989 MICU3|Q86XE3 NOTCH1|P46531
 2990 D2HGDH|F8WCF9 ADAM33|Q08AM3
 2991 MUC2|Q02817 GNPDA2|A0A024R9X5
 2992 HEL-S-66p|V9HWB5 ERG|P11308

2993 CERS2|Q5SZE2 GPD1|A0A024R138
 2994 ND6|A0A0A0PVF3 PDILT|Q8N807
 2995 TRAF2|B1AMX7 ND1|G4W6N9
 2996 C2|P06681 PPFIA3|R4GNF1
 2997 TRPM7|A0A0C4DGL2 MITF|E9PKJ8
 2998 ATF1|F8VS03 ADAM17|Q6P5T8
 2999 HSPD1|B9VP19 BCL3|P20749
 3000 UTY|F4MH53 STAT1|H7BZB5
 3001 PDSS1|Q5T2R2 ST3GAL4|E9PMC7
 3002 DAO|A0A0B4J257 ABCA1|Q9NP93
 3003 CYP19A1|H0YKN1 MYH6|Q1ED46
 3004 ACY3|E9PRA7 CNTN5|A0A087WTT8
 3005 CPEB1|A0A087X171 CSNK1G1|Q9HCP0
 3006 STXBP2|A0A087WUN8 HLA-C|U5YCG2
 3007 ART4|A1Z625 TMEM63A|A0A024R3T3
 3008 RFNG|A6H8Z0 HDAC11|Q6IA14
 3009 MT2A|H3BSP9 ND5|F2WH89
 3010 RHOBTB1|O94844 CADPS|A0A0C4DGY2
 3011 ABCD4|H0YJ78 PDLIM3|Q53GG5
 3012 COX8C|Q7Z4L0 CYTB|H9T783
 3013 HLA-C|C6JSX5 TYK2|E9PPF2
 3014 SNX7|Q9UNH6 RCOR3|E9PQE5
 3015 ANO2|F5H806 VAMP4|O75379
 3016 CANX|D6RB85 RPS15|K7EM56
 3017 GOLGA5|H0YK03 TBC1D16|Q8TBP0
 3018 ZNF695|F6W2C3 MSS51|F6VAV3
 3019 NR2A1|F1D8T0 CYTB|B8RFZ9
 3020 RPL10|B8A6G2 NRG1|E7EX30
 3021 HLA-A|G1EPC0 ND4|F2WII0
 3022 COX3|Q4F0T8 DDX11|R4GNE1
 3023 SLC2A2|Q6PAU8 ASMTL|O95671
 3024 A4GNT|Q9UNA3 GABRB1|D6REM0
 3025 HELLS|Q6I7N8 ARHGAP33|A0A0A0MQQ9
 3026 PAIP1|A0A024R094 PAFAH2|Q5SY01
 3027 IL3|Q6NZ78 PFN1|I3L3D5
 3028 MTHFS|P49914 ITIH5|C9J2H1
 3029 FANCI|H3BN35 DUSP14|O95147
 3030 HLA-B|Q3S604 COX1|A4ZLB9
 3031 OSBPL10|Q9BXB5 COX1|Q9B2W6
 3032 RELA|E9PJR1 DNAJC5B|Q9UF47
 3033 SCLY|H7C280 EIF4A2|E7EMV8
 3034 SPIRE1|K7EQR2 TSC2|X5D2X0
 3035 SEMA4G|Q9NTN9 ND5|H9QHJ6
 3036 PCDHB13|Q9Y5F0 PERP|Q96FX8
 3037 PRPS1|B1ALA7 SULF2|B1AMP9
 3038 KLHL9|Q9P2J3 RPH3AL|I3L2W0
 3039 STK25|C9JN58 CYTB|A4ZYF4
 3040 ENTPD7|Q9NQZ7 ABLIM2|Q4W5G4
 3041 HLA-A|E5G0Y9 PSMC5|J3QSA9
 3042 PPARB|Q03181 ALPK2|Q86TB3
 3043 BAP1|F8W6N3 ACTR8|Q9H981
 3044 MRPL40|Q9NQ50 HEY2|Q5TF93
 3045 MFSD10|D6R9N3 AP3M2|E5RGF3
 3046 GAK|O14976 HLA-DRB1|Q95HN3
 3047 BAT4|A0A024RCU2 HS3ST1|O14792
 3048 USP33|Q8TEY7 cytb|B1W9N4
 3049 MAPK11|Q15759 ACBD5|X6RDD7
 3050 DNAH11|A0A0C4DFR0 RPL35A|F8WBS5
 3051 HLA-A|B0F9N2 HLA-B|B3V8R0
 3052 ZNF528|F8WAL3 HEL112|B2RDW1
 3053 PRDM9|U5YS13 CD69|Q53ZX0
 3054 CENPJ|H0Y5L8 SP4|Q02446
 3055 TPO|Q6P534 CALML5|Q9NZT1
 3056 LMNA|H0YAB0 RAP1B|F5H4H0
 3057 RPS3A|D6RGE0 HLA-A|A0A0A7C8S1
 3058 ADCY3|O60266 SLC25A22|K4DIB3
 3059 HLA-G|E5DHS1 RAC2|P15153
 3060 PCDH17|A0A087WXV2 CDKN3|F8WD24

3061	GPC1 H7C024	HLA-A B1PKY1
3062	ATG5 Q9H1Y0	N4BP1 O75113
3063	FUT3 K7ES24	TRIM13 X6RH27
3064	ND5 G9LLB5	TFR2 Q9UP52
3065	ZNF217 O75362	COX1 J7HAE4
3066	FOXRED1 E9PP78	NEU3 E9PR25
3067	CYTB A0A023I8M0	CEP57L1 E5RJP9
3068	NDNF Q8TB73	ND1 K7WBD5
3069	HLA-DPB1 A0A0A7C8F9	CNOT8 E5RFJ4
3070	VAMP3 K7EKX0	FGGY F2Z2V1
3071	HLA-C V5NVV3	GLG1 Q92896
3072	HLA-DR15 H2BDR8	HLA-C O78071
3073	COI Q4GBG2	IRS2 Q96RG5
3074	CHEK2 B7ZBF6	RECQL F8WA66
3075	COX2 A0A059RFY4	DNASE1L3 H7C4R7
3076	NELL2 A0A024R0X1	ND2 A0A068BZL1
3077	NRP1 V9GYL7	TATDN2 Q93075
3078	CD2BP2 O95400	ITGB2 A0A024D9P8
3079	ND4 H9LKR2	PPID Q08752
3080	CD74-Ntrk1 U6FVB0	SAC3D1 A6NKF1
3081	BAD A0A024R562	ND1 Q6R0U6
3082	SRY Q6J4J1	SRPX P78539
3083	LYVE1 Q9Y5Y7	ADSL A0A096LP92
3084	CPSF4L A6NMK7	HLA-C D7NP40
3085	CCR5 Q9UBT9	HLA-C D7NPC3
3086	DNAJC17 Q9NVM6	DDX5 J3KRZ1
3087	BORA Q6PGQ7	ATP8A1 H0YAA1
3088	NEU3 E9PNK1	ND4 Q7Y891
3089	SERPINB9 P50453	BPIFB1 A2A2R0
3090	PLCG2 P16885	CLNS1A E9PJF4
3091	UBTD1 Q9HAC8	CYLD J3KRR7
3092	MAGEC1 O60732	MSX1 E9KXZ5
3093	ND6 A0A068C695	HLA-A C6K4F7
3094	BTK Q3MS95	ECI1 H3BS70
3095	AHSP Q9NZD4	HLA-A D7NNS8
3096	LHX1 Q58F18	NPPA P01160
3097	ZNF219 Q9P2Y4	KCNK3 O14649
3098	MSX1 E9KXT8	ESR1 B5TZ79
3099	DKFZp586B2022 Q9Y423	ZNF588 A0A024R5Y9
3100	EPS15 P42566	OR2B6 P58173
3101	CD28 P10747	HLA-C J7F580
3102	GTDC1 Q4AE62	ND2 R9Y898
3103	PLS1 Q14651	RAB38 H0YDB7
3104	MAP2 A0A024R409	ATP6V1B2 P21281
3105	cytb Q4GBH8	FOXDI1 Q16676
3106	ND1 Q7YCD0	ACOXL H7C0A6
3107	CYTB H9P8B5	GDI2 Q5SX90
3108	ND4L H9PB75	S100PBP E9PIZ7
3109	DEFA4 P12838	NGRN Q9NPE2
3110	SLC35F3 Q8IY50	GLIS3 Q1PHJ8
3111	WNT6 Q53S45	RPL31 B8ZZK4
3112	HLA-DPB1 A0A0A7C8W5	SS18/SSX2 Q8IZG7
3113	cytb Q4GPT2	HLA-B D5FHZ6
3114	ND5 I7A0A7	NPAS2 H7C0J4
3115	CUL4B K4DI93	MRPL12 P52815
3116	ND3 Q9B0N2	SPAG8 Q99932
3117	HBB Q4TWB7	RCN3 M0QZH0
3118	ARRB2 K7EL17	CYTB C8YG56
3119	CYP2D6 D5KNB5	HLA-A Q860R4
3120	HLA-A C9WEL1	SLC41A1 Q8IVJ1
3121	NADH5 Q4GTI4	BCO1 H3BPA2
3122	OBSL1 O75147	HLA-A E0YTI2
3123	HLA-C U5YF66	RTFDC1 A2A2L6
3124	GARS A0A090N8G0	OPN4 Q9UHM6
3125	SNX3 O60493	MFNG F8WE21
3126	ND5 A6ZF93	BCL2L1 Q9H1R6
3127	RHD K4UNQ7	TMEM38B H7C4C1
3128	HLA-B Q95IE1	RABL6 F2Z2T0

3129 ND4|V9N518 DMXL2|Q8TDJ6
3130 SCN3A|Q9C007 ATP6V0A1|K7ERA0
3131 GNG4|B1APZ0 NR1D2|Q14995
3132 SLC15A2|A0PJB0 SFRS4|A8K644
3133 SLC36A2|Q495M3 ZNF234|K7ELL2
3134 GAGE2D|Q9UEU5 CYTB|F5GSG4
3135 ARHGAP45|K7EM85 COQ7|I3L1T0
3136 SLC2A11|Q6P4C1 CYP21A2|Q1EM52
3137 MYO1E|H0YLE5 TRPV2|Q9Y5S1
3138 RHD|Q2UVE9 ANKRD10|Q9NXR5
3139 PERB11.1|Q99695 RAP2A|F6U784
3140 TCEB2|Q15370 SLC40A1|E7ES28
3141 ZDHC4|A0A024QZS8 KIF15|H7BZT2
3142 po1g|Q6LCA9 TNNI3|P19429
3143 RFNG|F5H3H7 CS|F8W642
3144 ARHE|Q6FGR9 TCEB1|R4GMY8
3145 ALB|D6RHD5 ta1-1|Q16509
3146 UBE3A|Q9H2G0 DKFZp781N1974|Q5H9S0
3147 EPS8|H0YFG1 AZI2|Q9H6S1
3148 CXCR2|C9JW47 ESCO1|Q5FWF5
3149 RUVBL2|M0R0Y3 MAGEB18|Q96M61
3150 MYC|B3CJ71 SOGA1|H0YDM2
3151 AKR1A1|P14550 CYTB|H9QH29
3152 HLA-C|U5ISA6 ND6|B2D5P9
3153 CAPN3|Q762C6 REP15|Q6BDI9
3154 CELF4|K7EJW4 PSMD3|Q6IBN0
3155 ATP8|D7SFF4 ND2|H9PHX1
3156 NKIRAS1|G5E9P3 TNFRSF10A|F8U8C0
3157 HSPA8|E9PQQ4 EVC|Q4W5A3
3158 ZGRF1|I3L0G6 POLM|F8WB78
3159 CNM3|Q8NE01 ZNF582|A0A075B771
3160 HLA-B|E2DHA0 JK|Q8WXW8
3161 IDUA|P35475 ND4L|W8CSQ8
3162 HLA-Cw|Q860A8 DKFZp686M04222|Q6MZN6
3163 MYRFL|F8VVR8 ND5|E5EXP8
3164 GLYATL1|E9PR27 GLRA2|C9JBL4
3165 FLJ00336|Q6ZJ4 PDGFA|A0A0A0MSC4
3166 LGR4|Q9BXB1 ATP6|B2KLZ5
3167 HLA-A|K7P5B6 PLA2G10|O15496
3168 TLE3|H0YNT2 CYTB|Q6VHB3
3169 ND3|A0A059RUV4 HLA-C|M9P9J3
3170 TBR1|Q16650 HMOX2|Q6FHB5
3171 WASPIP|D3DPE6 COX1|A1DTC8
3172 DKC1|O60832 FOPNL|I3L2N4
3173 ABHD2|P08910 EFCAB1|H0YBJ9
3174 DKFZp570I0164|Q9Y4S0 TLR9|D1CS61
3175 ABLIM2|D6RAL0 MBD3|A0A087X1H1
3176 RCL1|Q9Y2P8 GSTP1|B2C310
3177 NADH5|B9EEN6 RAPGEFL1|A0A087WVW6
3178 ND3|S5SA55 TRMT1L|X6RK96
3179 HLA-C|D7NP65 CCAR2|H0YC69
3180 CCDC41|Q9Y592 HLA-A|D5FHQ8
3181 IL4R|H3BSE7 HLA-Cw|B5AFW3
3182 NIN|E9PJH9 RPS6KB1|K7ER06
3183 PDE8A|O60658 SLC12A6|A7E2U9
3184 HLA-B|A0A0A7C868 ZWINT|A0A024QZJ1
3185 CYTB|A0A097Q8J6 THOC1|A0A087WWS1
3186 DEF8|H3BMT5 WASH|A9QQ22
3187 DKFZp666G0810|Q658X4 CNTROB|Q8N137
3188 NUDT4|F8VRR0 SLC04C1|Q6ZQN7
3189 PDE1B|A0A024RB59 TH|P07101
3190 TRABD2B|A6NFA1 C2CD4C|Q8TF44
3191 AR|D3YPQ2 LGALS16|A8MUM7
3192 HYAL2|C9JBF5 P2RX7|F5H8E7
3193 CD5|H6DA28 ND3|A0A059RQ94
3194 KTN1|Q3SWV9 NANS|Q9NR45
3195 CYTB|A0A0A0PNH7 TP53|L0EQV3
3196 ZNF382|K7EQ52 CNIH4|A6NLH6

3197 RH0J|Q9H4E5 HLA-C|M9P936
 3198 HOXC10|A0A024RB66 FLJ00087|Q9H7J2
 3199 ATP6|B8XYH1 HLA-C|C7FDV9
 3200 UTY|F4MH87 ND5|H6TWF6
 3201 IRF7|E9PQ11 ND5|U5Z7S3
 3202 RNF168|F8WD60 ERP44|Q9BS26
 3203 VSIG1|C9JY48 SAP130|Q9H0E3
 3204 CYTB|H9PZS1 HFE|Q9HC69
 3205 CYTB|A0A0A0PNK9 STK36|C9J1B8
 3206 MAP1LC3B|Q9GZQ8 FUT1|A7XM36
 3207 TERT|F6MZ67 ORC2|Q13416
 3208 HLA-C|G3D6I6 COX1|A0A059QPS5
 3209 CYTB|A0A096Y783 PYCR1|A0A024R8U9
 3210 MDM2|A0A0A8K992 TNFSF13B|Q8IZI4
 3211 TBC1D26|Q86UD7 HVCN1|F8VPP7
 3212 IFN- α |Q9UMA4 HLA-A|D0W033
 3213 KLK2|A0A075B7A6 KHDRBS1|B4E043
 3214 CHCHD6|Q9BRQ6 D2HGDH|F8WCF9
 3215 ESD|X6RA14 TCEA2|Q5ZEZ5
 3216 LONP1|K7EQF8 HLA-C|C5IZX8
 3217 ND1|G9LE07 PGC|Q4VXA6
 3218 PRIM1|P49642 ND1|A0A059RJY0
 3219 SAMD11|I7FV97 HLA-C|Q9BD09
 3220 PDP2|H3BV50 HLA-DR15|I6M556
 3221 PARK2|Q6S8G7 CD38|P28907
 3222 HECTD4|Q9Y4D8 GMNN|C9K0U5
 3223 ANXA3|D6RA82 STK38|A0A024RD18
 3224 SORBS3|O60504 ARNT|Q9UH46
 3225 FBX010|Q9UK96 ND5|A0A023Q6D2
 3226 QKI|F5H5U6 SPNS1|H3BMF4
 3227 CHEK1|E9PM65 DUSP12|Q9UNI6
 3228 ATP6|A3FPA1 ZNF727|A8MUV8
 3229 GLE1|Q53GS7 FUT9|Q5Q0U2
 3230 ASNSD1|U3KQK8 DDX39B|F6WLT2
 3231 HLA-C|I6NS62 HLA-DQB1|L0BVX9
 3232 GAD2|Q5VZ30 HLA-C|D5L9D5
 3233 HLA-G|O02923 GTF3A|H7BZH7
 3234 NR1H3|C9J4R0 AMPH|P49418
 3235 RPSA|A0A0C4DG17 MYO1C|I3L3F5
 3236 PARP12|Q9H0J9 ZFAND6|H3BMJ5
 3237 CDA|P32320 HLA-C|G1ENR3
 3238 TBX20|C1INI1 HLA-C|A0A0A7C9M9
 3239 ZNF302|D6RAM0 GPR85|C9JBQ9
 3240 MFSD10|D6RIZ4 SLC22A25|H0YCS4
 3241 USB1|H3BTT8 TNFRSF1A|J9PH39
 3242 PPWD1|Q96BP3 POLM|C9J222
 3243 FAM207A|Q9NSI2 DPP8|A0A024R5Z6
 3244 EIF4A1|Q9NZR9 OR51H1P|Q8NH63
 3245 USP19|O94966 ACTR1B|P42025
 3246 HLA-C|M9PAK7 AHCYL2|Q96HN2
 3247 FAM19A4|A0A024R369 CCRL1|Q4VBN4
 3248 HLA-B|U3MYE2 ZSCAN18|M0R364
 3249 PLEKHG5|Q5SY18 KRBOX4|Q5JUW0
 3250 ESD|H7BZT7 COPZ2|Q9P299
 3251 ERAP1|A0A0A7E6P0 PRKACA|A0A024R7J0
 3252 TRIM5|D8L200 BCL2L14|Q9BZR8
 3253 HLA-B|D5FHU5 HLA-DR15|G1EMX4
 3254 HIMAP4|A0A090N7X0 NDUFAF2|Q8N183
 3255 IFNG|A8YQE4 NLGN3|X5DNV3
 3256 OC90|Q02509 CDC42BPB|Q9Y5S2
 3257 SLC17A4|A0A024R013 HORMAD2|Q8N7B1
 3258 CYLD|J3KRR7 RPL15|E7EX53
 3259 HLA-C|G0KXK6 NFYB|A0A024RBG7
 3260 PDE1B|B4DK72 ATP6|Q4VFK9
 3261 MTMR14|C9JSR1 WWP1|H0YBS9
 3262 GGT7|A4FU32 PIK3R3|Q05DQ0
 3263 HLA-DQB1|F5CR30 RET|A0A024R7T2
 3264 NFATC3|H3BRS1 VPS26A|O75436

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3266	FCGRT M0QYN1	HLA-DPB1 A0A0A7CAB6
3267	DSC2 A9X9L1	HLA-E I3RW89
3268	POLR1B Q4QRK8	ICAM5 K7EIL3
3269	FAM13B D6RCA0	VTI1B Q9UEU0
3270	HLA-C E0WBQ9	HLA-C G0ZMK4
3271	ZZEF1 I3L141	ZNF830 Q96NB3
3272	LY9 Q9HBG7	CCNF H0Y2P7
3273	SNRPG F5H013	KIAA2018 Q68DE3
3274	RARA J3KSJ4	DNMT3A A0A0C4DG02
3275	APOBR Q0VD83	POT1 H7C4C7
3276	AGT Q53YY1	RAPGEF2 D6REY8
3277	CNDP2 J3QRH4	TP0 A0M8X1
3278	IQCB1 C9J6Z7	GABRQ Q9UN88
3279	PDIA5 H7C4F9	DKFZp686L1857 Q7Z338
3280	PRKCSH K7ELL7	MS4A1 P11836
3281	ABCB4 A7J1R4	ND1 V9JD42
3282	AVP X5DQP6	USP7 Q93009
3283	HLA-C F4YUA3	NPAS3 X5D985
3284	SAA1 E9PQD6	TPSB2 Q6NZY1
3285	FOXO1 Q12778	TXNRD2 E7EWK1
3286	HLA-A D6ML16	VNN1 O95497
3287	PGCP A0A024R9B8	ATP6 A0A068C1D0
3288	ND2 L7XIA4	USE1 Q9NZ43
3289	TMEM67 H0YAR5	CRACR2B E9PHZ8
3290	ND5 L7XLF4	CST2 P09228
3291	RARRES3 A6NG31	PEX11G M0R328
3292	CBFA2T3 B5MDT7	CYTB I3PXS6
3293	HDX Q7Z353	ASPG G3V1Y8
3294	TBCC Q15814	COL25A1 Q9BXS0
3295	ITPR3 A6H8K3	SLC52A2 Q9HAB3
3296	DIABLO Q502X2	D4S234E B2R5R8
3297	PLP1 A8K9L3	CDK16 H0YAZ9
3298	TFB2M Q9H5Q4	BRCA2 Q9BX99
3299	CCDC92 Q53HC0	CARD10 Q9BWT7
3300	ADAMTS14 Q8WXS8	HPCA P84074
3301	HLA-C H2BE97	GRIK2 A0A0A0MRL4
3302	ATP8B4 H0YM66	HLA-A C8XTP6
3303	HLA-A S5U3G8	GPR128 Q96K78
3304	HLA-C A0A0A7C591	AFAP1L2 Q8N4X5
3305	STRIP1 Q5VSL9	ADRB2 X5DQM5
3306	PLA2G1B Q9BS22	ND4 A0A059RN57
3307	ND1 A4ZLU9	ND1 A0A059QIL1
3308	NOLA1 A0A024RDJ3	ND5 G9LEU0
3309	CYLD Q9NQC7	ERN2 Q76MJ5
3310	MYL5 D6RB15	ABCD4 H0YJ78
3311	ZNF675 M0R1W1	CHMP2B Q9UQN3
3312	CD300E Q496F6	RAD23A P54725
3313	IGF1 Q5U743	CYTB V9N3D7
3314	VEGFA A0A087WTP4	HLA-A D7NNM2
3315	RPL10 H7C123	CUL2 Q5T2B7
3316	SLC19A2 E3UTN9	CCNG2 F6WBC3
3317	C4orf46 Q504U0	CHL1 O00533
3318	C1orf127 G8JLG8	TP0 A0M8X1
3319	MFSD2A Q8NA29	EPB41L1 Q4VXN1
3320	ND2 W8D669	COI Q4GVU8
3321	HLA-B M9P9K3	RAD17 D6RHU1
3322	TPSAB1 A0A0C4DGM1	GAL3ST1 C9JLB5
3323	ATRN O75882	HLA-B G3D6J8
3324	LEFTY2 A0A024R3P5	RHAG M1SZX7
3325	HUS1 A4D2F2	CCHCR1 A2ABH3
3326	PMCH P20382	AKT1 G3V3X1
3327	ZNF546 M0QY24	RHD Q4FE20
3328	RPGRIP1L B7ZKJ9	MCM5 B1AHB0
3329	TYR L8B086	PET100 M0QZ55
3330	COX1 A0A059RRT1	PDZD4 Q17RL8
3331	ZFAND6 Q6FIF0	CHEK1 E7EPP6
3332	ND6 A0A059RNN8	HTR2C P28335

3333 MEF2D|Q4LE66 HLA-B|Q70HQ8
 3334 DKFZp586M1622|Q9UG07 TRIM22|D3DQT1
 3335 CYTB|X5DCG9 HLA-C|G1EMQ1
 3336 ND1|L7XZ04 RHCE|E1Y3Y4
 3337 HLA-C|F6KRZ3 ATF3|Q7Z567
 3338 LOC223075|A0A090N7V0 TTLL3|J3KQB2
 3339 PACS1|A0A024R5H6 PHACTR1|Q4VY13
 3340 YKT6|A4D2J0 ND5|Q9B0V1
 3341 TARBP2|A8K3X2 BFAR|A0A087WXR3
 3342 NCAPD3|E9PKK4 KIR2DL1|P43626
 3343 ARHGAP24|D6RBC2 SMPD1|G3V1E1
 3344 DUOXA1|H0YNR1 ACY3|E9PRA7
 3345 H1FNT|Q75WM6 ATP2B2|A0A024R2K6
 3346 GPX2|A0A087WTS0 NOMO3|P69849
 3347 HRH3|Q548M6 CXADR|P78310
 3348 HEL-S-99n|V9HW88 SLFN11|K7EIM3
 3349 C5AR2|Q9P296 HLA-DQB1|A0A0A7C7R0
 3350 HLA-DPB1|A0A0A7C5L9 SAMD11|I7F482
 3351 TRAF2|Q12933 ATP6|A0A023I8F1
 3352 RBPMS|B4E3T4 ACTR6|Q9GZN1
 3353 RAB13|P51153 SULF1|E9PPQ3
 3354 DCTN6|O00399 ND2|O78759
 3355 LUM|P51884 COPZ1|F8VYZ4
 3356 GALNT8|Q68VJ3 GSTZ1|O43708
 3357 GPX4|P36969 SLC22A1|O15245
 3358 PLAGL2|Q9UPG8 NAP1L1|F5H4R6
 3359 HLA-B|A0A0A7C440 IGF2BP1|D3DTW3
 3360 HLA-C|H6A2G4 EPB41L2|O43491
 3361 TRIM33|A0A024R0F6 ND3|H9E7R5
 3362 HLA-C|D7R0W1 LCORL|C9JI46
 3363 NUDT9|D6RAW2 ND5|Q8WCW2
 3364 MICA|Q95IC0 HLA-B|D2DKK8
 3365 ND6|Q7GXW8 UTY|F4MHF1
 3366 SEMG2|Q02383 INIP|X6R8P6
 3367 RABL6|F2Z2T0 IRF3|E2GIM9
 3368 MTRR|Q9UBK8 ZNF785|H3BR67
 3369 ND5|A6ZFN6 DCBLD2|Q96PD2
 3370 TRAPPC11|Q7Z392 CANX|D6RAQ8
 3371 SLC25A22|K4DIB8 KLK4|Q4VB17
 3372 SETD1A|O15047 DDX25|Q9UHL0
 3373 SRY|A7WPU9 ND6|L7XJA6
 3374 ND3|X5BZL0 Hosa(Japanese)-T2R50|Q50KE3
 3375 SHPRH|H7C2W2 hCG_36935|A0A024R087
 3376 FAM109A|Q8N4B1 ATP6|B1PIH2
 3377 COX3|Q0Z7D5 IQCB1|C9JXD7
 3378 TP53|Q19RW5 MTF1|Q14872
 3379 OR6S1|Q8NH40 ND4|D8VCQ0
 3380 MGC2749|A0A024R7M2 ND5|A4ZLE0
 3381 HLA-A|A0A0A7C4J5 RBM6|E9PGM9
 3382 HLA-A|F2VP51 ATF5|A0A024QZG3
 3383 TSPY8|P0CW00 PACSIN3|E9PNM9
 3384 FTH1|P02794 SPRR2F|Q96RM1
 3385 ASNS|F8WEJ5 AURKB|J3KRJ2
 3386 MAP2K4|P45985 COX3|Q6VLN4
 3387 ATP6|A0A023I8R5 CYTB|Q7YED9
 3388 COX3|Q7YEF1 EXOSC9|D6RA17
 3389 MAP1B|Q05BW8 HLA-A|Q6IUZ4
 3390 RECQL|A0A024RAV2 OVOL1|O14753
 3391 EPS15L1|M0R2S2 SEPT7|Q16181
 3392 NUAKE2|Q9H093 ATP6|D0VDU7
 3393 FLII|J3QLR6 ARF1|A0A024R3Q3
 3394 AASS|F8WAH1 TDRD1|Q9BXT4
 3395 FBL|M0R2Q4 VARS2|B4E0K6
 3396 NAT2|A4Z6T9 ITS1N1|Q6GMY7
 3397 ZBED4|O75132 ND1|E2FQK2
 3398 TEN1|K7EL09 KIF13B|D3DSU3
 3399 ZNF285|K7EIK6 ZCCHC16|Q6ZR62
 3400 ATP6|Q6RNG3 RAET-1E|I4EPL7

3401 GTF3A|A0A024RDQ5 PYY|P10082
 3402 GCM1|Q9NP62 PSG1|P11464
 3403 TMSB4X|Q0P5T0 HLA-C|U5YEW9
 3404 TBC1D9B|B9A6K8 ND6|A0A097Q4B7
 3405 N6AMT2|B2RE94 SUCLG2|E9PDQ8
 3406 HLA-A|G1EPH8 AAG1|Q2TU89
 3407 HLA-DPB1|A0A0A7C8W2 PSMA4|H0YMA1
 3408 ND1|E9NZQ9 ATE1|B3KWA3
 3409 GABRA3|P34903 STAU2|Q9NUL3
 3410 HLA-DPB1|A0A0A7C9Z8 HLA-C|I6NN58
 3411 EML2|K7EQR0 EGFR|Q504U8
 3412 CYTB|E9K9I4 UBB|Q5U5U6
 3413 DUS3L|K7EM42 PCDH18|B4DLR6
 3414 CPT1B|C9J7C3 ZNF780A|A0A0C4DG08
 3415 CYTB|H9E7B4 ND3|C9D525
 3416 ODZ1|G3CAS6 A1CF|Q5T0W7
 3417 TIAL1|Q01085 ZNF880|F5H026
 3418 PLAUR|M0QYS6 PHF2|O75151
 3419 CYTB|A0A0A0PYF4 AICDA|H0YFL3
 3420 GFER|H3BQQ4 CDKN3|Q16667
 3421 DSCR8|Q96T75 CYTB|H9S7Z9
 3422 NDUFC1|O43677 TARDBP|K7EJM5
 3423 CYTB|H9NRP1 KIF22|H3BTH5
 3424 HLA-C|R9RH39 USP15|F8VZG8
 3425 ST3GAL6|C9JWJ3 HLA-DR15|J7F7D3
 3426 MTMR1|F8W764 ND3|A5WZG6
 3427 SLC4A9|Q96Q91 HLA-A|F6IQY8
 3428 HLA-C|Q14QQ1 TMED9|Q9BVK6
 3429 ZNF570|K7EP64 HPGD|D6RA66
 3430 JKAMP|Q9P055 HLA-C|G1EQL5
 3431 STXBP1|A0A096LP52 DKFZp434M235|Q69YV8
 3432 APOA2|V9GYM3 LRP12|Q9Y561
 3433 HLA-C|G3D6G6 PPA2|D6RGI1
 3434 P2RY10|O00398 COX3|E2J0C2
 3435 UBE3A|Q9BUI6 HLA-C|M9P9J3
 3436 HLA-A|F6IQS0 PTPRN2|Q92932
 3437 DLEC1|A2VDF1 VAV3|Q9UKW4
 3438 PAIP1|A0A024R094 MYO19|A0A087WU55
 3439 PIP5K1B|O14986 ZNF227|Q86WZ6
 3440 ATP6|V5JMC8 TRAIP|Q9BWF2
 3441 HMGCS1|D6RIW1 RHD|E7BAS3
 3442 DIAPH1|A0RZB7 TAL1|P17542
 3443 BANK1|Q8NDB2 ATP8|E5QB59
 3444 SLC35B4|Q969S0 TMOD4|Q5JR82
 3445 SLC15A1|P46059 NUCKS1|Q9H1E3
 3446 GPR32|H9NII6 ND5|Q4F050
 3447 COMMD7|Q86VX2 NR5A2|H0Y328
 3448 C9orf3|B4DQU3 FAM200B|P0CF97
 3449 NAP1L3|Q99457 HLA-G|O19806
 3450 BPNT1|F8VW8 BRCA1|K4JWE8
 3451 ETNK2|A0A024R9A8 ND6|A0A0A0PU97
 3452 FURIN|H0YLH7 SAMD4B|Q5PRF9
 3453 HLA-A|F2X5Y4 SMCHD1|A6NHR9
 3454 CYTB|Q6RN86 PLXNA4|A4D1N7
 3455 TOP1|B9EG90 GPX1|X5D926
 3456 HLA-C|F4YU84 PLEC1|D3DWL0
 3457 ANXA3|D6RA82 PTEN|H6WA46
 3458 HEXDC|J3KT84 C1|Q9UGE8
 3459 GMFG|M0QXC2 RAG2|P55895
 3460 CHAC1|Q9BUX1 cytb|A7XTX6
 3461 GMNN|O75496 ZFYVE26|Q96H43
 3462 BHLHB2|Q6IB83 C21orf66|Q5XGA1
 3463 HLA-C|J7K472 CADPS2|X5D7B2
 3464 CILP|O75339 HLA-B|E2D5P9
 3465 SLC20A1|Q8WUM9 HLA-C|J7K472
 3466 FLT1|X2C8T1 DHRS3|A0A087WTY3
 3467 Cytb|Q6XB24 TBP|Q7Z6S5
 3468 ATP6|E5E0L1 ATP6|K7WIJ6

3469 GGA3|J3KSG3 POLR2A|P24928
 3470 ATP8|Q8W8E1 TSC1-PDGFRB|A0A0A7KU15
 3471 PGLS|M0R0U3 PSMD1|Q99460
 3472 ANXA13|Q6FHB6 PRKRA|F8WEG8
 3473 ND5|W8DCA6 HLA-A|M1FWW1
 3474 CYP2A7|Q17RW7 CXCL3|P19876
 3475 CYTB|A0A097KU00 PTGER3|A0A0A0MRP3
 3476 CSDE1|A0A024R0K2 HLA-A|Q8WLQ6
 3477 VGLL3|A8MV65 MYT1L|R4GMY9
 3478 ATP2C1|D6RHHV9 SRY|H9U921
 3479 CAPN10|H7C2P1 RHD|Q86SJ7
 3480 ABCB4|A8HT72 TUBB8|Q5SQY0
 3481 cytb|Q85KY2 ZNF285A|Q6B0D6
 3482 UBE2F|Q969M7 TP53|A0A087WZU8
 3483 METTL17|G3V4H5 ND4|A0A023QHD1
 3484 PCDH10|Q9P2E7 AGTRAP|Q6RW13
 3485 FRZB|Q92765 ND1|A0A096ZZZ8
 3486 CMTM5|Q96DZ9 PRMT1|E9PMZ2
 3487 LTA|Q6WQT9 ESX1|A6ZIT6
 3488 ALK|B6D4Y7 RSAD2|C9J674
 3489 ATP6|B8XYH1 DHX33|I3L1L6
 3490 CHRN4|P30926 BRCA1|A0A068BCA1
 3491 COX2|A0A068BTX8 IARS|Q7L4K8
 3492 CYTB|B8X669 TBC1D25|Q3MII6
 3493 FUT2|A8K2L2 ND5|Q5XS00
 3494 TRAPPC2L|H3BQQ8 HLA-A|G1EP77
 3495 CRYGC|P07315 CREBZF|J3KN20
 3496 IFITM3|E9PS44 UGT2B7|Q9HCT7
 3497 HSD17B6|A0A024RB43 CCL17|Q92583
 3498 EVC|Q4W5F2 BCL11B|Q9C0K0
 3499 CD01|Q16878 TRIM38|A0A024QZY4
 3500 HLA-DPB1|A0A0A7C5R5 C10orf76|Q5T2E6
 3501 ESR1|B5M0Y2 OR6C76|A6NM76
 3502 SNTG1|E5RIN0 DNHD1|Q96M86
 3503 EFCAB4A|Q8N4Y2 RAPGEF1|H0Y6R4
 3504 SRGAP3|O43295 RPL9|Q53Z07
 3505 TARDBP|A0A087X260 APC|A0A087X2F3
 3506 ART3|E9PGR5 BSCL2|Q96G97
 3507 PITPNB|P48739 POLR2A|A0A087WWE2
 3508 ERBB4|Q53T57 SEBOX|F6T8T6
 3509 SGK071|Q8NE28 SNRNPB|Q9UIS4
 3510 CYTB|A0A023R4E0 CYTB|A0A0A0PXU1
 3511 DKFZp686C08112|Q6N019 P450-CYP21B|Q16874
 3512 ATP6|E5E042 REST|L0B3Z2
 3513 G3BP2|Q9UN86 KCNK7|A0A024R5F5
 3514 NECAP2|H0Y970 ADPRHL2|B7ZAN4
 3515 PGLYRP1|O75594 PPARG|E7EUD1
 3516 KCTD1|A0A024RC45 ADSL|A0A096LPA2
 3517 CAD|Q53SY7 GFI1|Q99684
 3518 TNFRSF13C|Q5H8V1 RHD|T2LLM2
 3519 ARIH1|H3BNB9 CYTB|Q6RNW0
 3520 HLA-A|K7P5B6 TARBP2|H3BV98
 3521 FTH1|G3V1D1 TBC1D22B|Q9NU19
 3522 MSX1|E9KXS6 CYTB|A0A097KU00
 3523 SNX4|F8W9T3 AMHR2|H3BPI9
 3524 TNFAIP8L3|Q5GJ75 DBI|A0A024RAF2
 3525 RELA|A0A087X0W8 FABP3|S4R371
 3526 DARS|D3DP78 LNX1|D6RAH9
 3527 NOTCH2|D2WEZ3 UBE2D2|A0A0A0MQU3
 3528 PSMB9|A2ACR1 SENP3-EIF4A1|A0A087X0R7
 3529 RNF31|H0YMG4 NMNAT3|D6REC8
 3530 CNGA1|P29973 RAB11B|M0R377
 3531 DSG1|Q02413 CCDC112|Q8NEF3
 3532 SLC22A12|Q96S37 ND5|Q0ZF73
 3533 CLK3|H3BVF8 DKFZp781A0653|Q68DJ3
 3534 PNLIPRP1|E9PR20 PIK3C2B|A2RUF7
 3535 KRT5|P13647 cytb|Q4GUY9
 3536 HLA-C|U5YES2 CYTB|E5E150

3537 CYTB|R9Y2B3 ND5|Q7YCD7
 3538 UBE3A|Q05086 METTL20|Q8IXQ9
 3539 PRMT3|Q8WUV3 NECAB3|U3KPZ3
 3540 HLA-DR15|M9P9N6 AD|Q9TGM1
 3541 SLC19A2|I7BB09 ND1|A0A059RWN8
 3542 HLA-A|K7P5E0 WNT7B|B8A597
 3543 SRC|P12931 MEP1B|Q16820
 3544 ATP6|A6Z6R7 FSTL3|A0A024R1Y8
 3545 CD34|Q3C1E7 SNAPC1|Q16533
 3546 ARHGAP26|D9ZGG7 HNF1alpha|B8YNV0
 3547 ND4|B2XIK4 SLC7A8|E9PIC3
 3548 hCG_28371|D3DXI2 ITGB2|E5RFI0
 3549 PLXNB2|Q2TBE4 C8orf45|B4DXX4
 3550 MUTYH|H0YEI2 CELSR1|H0Y7R9
 3551 DNAJA4|Q9P1H1 CYP4B1|Q8WWV1
 3552 ALK|D1MAM3 LAPTM4A|Q15012
 3553 TIPIN|H3BVG9 CTSF|H0YE42
 3554 QDPR|P09417 DUOXA1|H0YNR1
 3555 POU5F1|D2IYK3 LYN|Q6NUK7
 3556 SHROOM2|F5H3B6 GTF2E1|P29083
 3557 PKP2|B8QGS9 DEFB103A|Q5U7J2
 3558 HLA-A|X5MFD7 GABRP|E5RI57
 3559 ND6|X2C0J7 HBB|D9YZU5
 3560 CEBPZ|Q03701 CPA5|C9JRV5
 3561 TMEM259|Q4ZIN3 ATP6|H9QQA8
 3562 RBM23|G3V2B4 CYTB|V5JKF4
 3563 HLA-Cw|B5AFW3 BCAR1|H3BTB0
 3564 HSD17B2|H3BS44 ND5|Q6VIF3
 3565 FZD1|Q9UP38 AP2A1|O95782
 3566 MET|B5A941 ZSCAN31|C9JIC2
 3567 ANXA3|D6RA82 LRRK2|Q5S007
 3568 CCDC9|Q9Y3X0 DKFZP779L1558|A0A024RAW6
 3569 CAPSL|D6RF97 PRL|Q5I0G2
 3570 HLA-B|D5FWA6 COX3|A6YZY0
 3571 HLA-C|H6UV86 CLIC1|Q5SRT3
 3572 ND1|D5I7R3 PI4KB|A0A0B4J1S8
 3573 IL13RA1|Q96BB4 LDB1|Q86U70
 3574 SLC35A5|H7BXF8 MYRF|Q9Y2G1
 3575 LIN9|Q6P142 SEC16B|U3KQ39
 3576 RPS20|G3XAN0 DBI|B8ZWD9
 3577 ZNF688|A0A024QZB6 CACNA1E|A0A024R920
 3578 USP3|H0YLJ0 GLS2|G5E9X4
 3579 KCNK18|Q7Z418 SLFN5|Q08AF3
 3580 RNF41|F8VNZ6 TCEANC|H0YF26
 3581 LILRB5|O75023 ND5|H9E799
 3582 KLHL33|A6NCF5 HLA-C|D6MKU5
 3583 HLA-DRB1|A0A0A8LDX0 DSC2|A9X9L1
 3584 XRCC1|P18887 NPVF|Q9HCQ7
 3585 MECOM|H9KVD4 NHEJ1|H7C0G7
 3586 IFITM2|Q01629 HLA-C|E7BYC9
 3587 ND5|B2XPM8 HRSP12|A0A024R9H2
 3588 SLC2A8|Q9NY64 ND1|E7CNH8
 3589 NGEF|C9JTV7 SLC25A13|Q9UJS0
 3590 CYTB|D2Y5Y5 HLA-C|F1CCK8
 3591 CAMK2N1|Q7Z7J9 SEMA5A|Q13591
 3592 SLC35B4|F8WAW0 ND4|H9A727
 3593 PRICKLE1|Q96MT3 HECTD4|J3KPF0
 3594 CGA|C0KRQ8 MT01|H7C2S9
 3595 ANK3|H0Y3A4 MCM2|H7C4N9
 3596 STXBP2|M0R1A1 ND4L|A0A059QFD8
 3597 HLA-C|G1EQL5 cytb|B2XGQ9
 3598 LRFN5|Q96NI6 ND2|H9E7Q9
 3599 PEMT|Q9UBM1 GFRA3|O60609
 3600 HLA-DRB1|A0A0A7C3Z0 ZNF345|F8W8R5
 3601 CDC34|P49427 PCDH12|Q7Z738
 3602 ATPase|B9EDU5 ND4|A6ZF01
 3603 FLJ00279|Q6ZNL4 PTPN7|J3KR55
 3604 HLA-B|C8CAX9 POT1|H7C4C7

3605 HEXA|G3XL81 OTULIN|D6RD57
 3606 FKBP4|F5H1U3 RHOC|Q5JR07
 3607 COX1|A0A059S9Y2 TRIM32|Q13049
 3608 SLC25A30|Q5SVS4 TXNL4A|K7EJU2
 3609 ZNF707|E9PKX4 HLA-DPB1|A0A0A7C8V4
 3610 TSPAN12|O95859 NPPC|E5LCN7
 3611 HLA-C|I6TF01 ZNF217|A2A326
 3612 TMEM97|Q5BJF2 GART|C9JB1
 3613 CRADD|P78560 DHFR|B4DM58
 3614 MRRF|Q96E11 TOP1MT|E5RFS0
 3615 CCT8L1P|A6NM43 HLA-DPB1|A0A0A7C781
 3616 ABHD12B|Q7Z5M8 SEPT5|Q99719
 3617 hCG_41062|D6W5J0 CYTB|A0A0B5H7W9
 3618 SF1|H7C561 CDA|P32320
 3619 HDAC2|H3BM24 ZNF543|Q08ER8
 3620 ZNF720|E9PLE2 XPNPEP1|Q5T6H2
 3621 EFNA3|P52797 ND4|B2XLC7
 3622 CYP7B1|O75881 OR9A4|Q8NGU2
 3623 HAL|Q2PH57 HLA-G|Q6DU08
 3624 STK4|A0A087WVN8 IFN- α 2|Q16054
 3625 ND3|Q27H02 BCR/ABL|A9UF01
 3626 SLC19A1|P41440 ARHGAP42|H0YEJ7
 3627 MAMDC4|Q6UXC1 CCM1|A4D1F7
 3628 HLA-C|E0YTL8 ER01A|G3V503
 3629 ZNF263|I3L538 PHRF1|B7ZM65
 3630 COX1|A0A059QQ46 F8|B1B0G8
 3631 RPS27|P42677 PPIP5K2|O43314
 3632 NFIB|A0A0A0MRX8 NNT|Q2TB59
 3633 XRCC6|P12956 TP53|L0EPY0
 3634 HLA-C|Q9MYB6 ICAM2|Q6FHE2
 3635 FTCDNL1|H3BRX2 CYTB|V9IZQ3
 3636 RPL31|C9JU56 ADAMTS4|O75173
 3637 LMCD1|Q9NZU5 ZNF33A|Q9H5I4
 3638 DLST|Q6IBS5 NRG1|Q7RTW5
 3639 HCN2|Q9UL51 CYTB|H9PAA4
 3640 APOBEC3D|Q96AK3 ZDHHC21|Q8IVQ6
 3641 MTUS2|Q5JR59 Hosa(Japanese)-T2R49|Q50KF3
 3642 SLC12A6|H0YKJ2 SCYL2|F8VSC5
 3643 ND2|Q2LHC6 HLA-DPB1|A0A0A7C851
 3644 C12orf68|Q52MB2 KRT9|K7EQQ3
 3645 FAF1|B3KT28 CDK4|F8VZZ0
 3646 PAQR4|Q8N4S7 OBSCN|A9NIU4
 3647 HLA-Cw|Q2LDD7 DIO2|A0A024R6J8
 3648 CCDC63|Q8NA47 BRF1|A3KN61
 3649 DUSP27|Q5VZP5 GPAM|Q5VW52
 3650 ATG12|C1IDX9 SLC20A2|Q08357
 3651 SLC39A1|Q5T4K2 CASP8|H7C0E2
 3652 ACBD3|Q9H3P7 CTU2|H3BSW6
 3653 ARL2-SNX15|V9GYD0 SNAP29|O95721
 3654 SON|D3DSF7 SEPT7|E7ES33
 3655 HLA-DQA1|A0A0C7DW92 CAPN1|A0A024R5A3
 3656 MME|Q3KQ56 GRAMD4|Q6IC98
 3657 FEM1A|Q9BSK4 HLA-G|O02928
 3658 EAF2|B4DWJ3 CYTB|G9LJ24
 3659 ATP5S|Q99766 ASXL1|Q5JWS8
 3660 MAT1A|Q00266 LGALS13|A0A087X0J5
 3661 C7|P10643 NUCB2|A7LNF3
 3662 TGIF1|F8VYL4 GPR87|Q9BY21
 3663 GLB1L|A0A024R439 dystrophin|Q14205
 3664 FCHO1|M0R3E5 FAT1|Q14517
 3665 ZNF167|A7MAY2 HLA-A|A0A060GQ71
 3666 ZNF99|A0A0A0MS76 UTY|F4MHM4
 3667 CNP|K7ERZ0 RNF34|Q969K3
 3668 SLC27A2|G3V1R7 FETUB|Q9UGM5
 3669 HLA-A|F8R8I7 ADAMTS10|A0A0A0MQW6
 3670 TSC22D3|Q5JRJ2 HLA-C|G3D6G8
 3671 TASP1|Q9H6P5 ZFPL1|O95159
 3672 HLA-C|C7FDU2 FUT2|E7EW73

3673 ADCY1|Q08828 CTCFL|V9GYX4
 3674 HLA-DQB1|L0BX57 IZUM01|Q8IYV9
 3675 OR7C2|O60412 SMAD4|A0A087WUF3
 3676 ISL2|H0YN25 MAP9|Q05CN5
 3677 HLA-B|F8SKX1 THNSL2|Q86YJ6
 3678 NADH1|Q4G8K0 HLA-A|D5L9A3
 3679 LRR7|A1L1C6 SECTM1|J3KSN0
 3680 HLA-Cw|Q9TQ36 DTX2|Q86UW9
 3681 RRM1|E9PL69 MPZL1|O95297
 3682 PUS1|Q9Y606 TCF12|F5GY10
 3683 HDLBP|Q2HJC8 ND5|G9LE82
 3684 ND2|Q9B1Q7 PLXNA3|P51805
 3685 GUK1|B1ANG9 PPIG|C9JN15
 3686 RHD|Q5XLT0 ZSCAN5B|K7EJD1
 3687 SPIN4|X6R8Y7 IGSF8|Q969P0
 3688 MDGA1|Q8NFP4 ZBTB25|P24278
 3689 ND3|F2WIF2 ATP6V1G1|O75348
 3690 SLC6A20|B7ZLW4 C2orf24|A0A024R432
 3691 ATP6|I6MMM6 UGP2|C9JTZ5
 3692 CYTB|A0A0A0PPB3 ATXN3|D3VVD4
 3693 KITLG|P21583 HEL-S-7|V9HWE0
 3694 TINF2|Q9BSI4 NAIF1|Q69YI7
 3695 ATP6|A0A096VTP9 HLA-C|V9N3H0
 3696 UT-B1|Q96KQ5 ICAM5|Q8N6I2
 3697 TLK1|B3KRP1 TAF7|Q15545
 3698 PSEN1|G3V499 HLA-A|R4NLT9
 3699 FSHR|F8WBM4 ATP6|B8X5R9
 3700 ANKMY1|J3KPY5 IFNA21|P01568
 3701 BPIFA1|Q9NP55 KIAA1244|B5MDV5
 3702 MAP3K6|O95382 HLA-DR15|M9P9N6
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 3704 RSL24D1|H3BMQ2 MYO1B|H7C2Y7
 3705 RASSF3|Q86WH2 POLG2|E5KS15
 3706 XAF1|C9J7Z8 SPRR2B|P35325
 3707 DEPD5|H0Y770 HLA-DQB1|I4EPK8
 3708 ORC2|C9JK08 GPR3|F1DAM5
 3709 ZEB1|Q32Q63 CLK4|B7ZL31
 3710 NCSTN|Q5T209 PPP2R2D|Q66LE6
 3711 ADGRF1|A0A0C4DH10 SAR1A|Q5SQT8
 3712 KRT17|K7ELP7 HLA-C|S5DHS4
 3713 RAP1GAP2|Q684P5 AP2B1|P63010
 3714 CSPG2|A0A024RAQ9 CDCA7L|A0A024RA51
 3715 ABCA7|A0A087WX86 HLA-C|L0RIY4
 3716 SMC2|Q32Q15 HIBCH|H7C1A5
 3717 URG4|A0A024RA74 HLA-C|U5YF54
 3718 IL1R1|Q6NWP5 HAGH|Q16775
 3719 SMOC1|Q9H4F8 SNRNP200|B4E0P5
 3720 STIM1|E9PIQ8 CELSR3|Q9NYQ7
 3721 CNTNAP2|Q86UJ1 USP3|H0YL81
 3722 MARC1|Q5VT66 ANKDD1A|A0A0C4DGZ7
 3723 EMS1|Q76MU0 FBXL15|Q9H469
 3724 COX1|A0A023QUI5 CYTB|F2WJ93
 3725 DTD1|A0A087WZV9 CPEB4|Q17RY0
 3726 TGM5|Q0II16 CCDC182|A6NF36
 3727 hA2aR|Q93003 ND6|J7HR70
 3728 ND4|L7NVA1 POMT1|Q5JT07
 3729 COX8C|Q7Z4L0 ND1|A0A059QSN6
 3730 GANAB|E9PKU7 RPS6KA3|B1AXG1
 3731 THBS4|E7ES19 OR4P4|Q8NGL7
 3732 RUSC2|Q8N2Y8 TNFSF10|P50591
 3733 TLR9|C3W5P5 AATK|Q6ZMQ8
 3734 TFAP2B|Q92481 ND2|I6N708
 3735 CYTB|A0A068IUX4 HNRNPA1|F8W646
 3736 ECHDC3|Q5W0J6 ND1|F2WN29
 3737 ARHGEF1|M0QYS3 DOCK4|H0Y599
 3738 ATP6|Q4VFB5 ALDOA|H3BR68
 3739 DPAGT1|A0A024R3H8 COX3|H9RPS2
 3740 EXOC2|A0A024QZT2 UBE3A|Q5W7F7

3741	ND4L A7U418	MLLT6 Q6P2C6
3742	HLA-A I2B303	DKFZp564H223 Q8NDD8
3743	CYTB E5QA75	GBP3 F6SPX6
3744	SENP3 A0A087WV50	COX1 A0A059QN10
3745	COX1 L7XWN7	GALC H0YJG8
3746	KRT5 H0YI76	HLA-C A0A0A7C806
3747	GLTP F5GZ49	PPT1 E9PSE5
3748	TOM1L1 I3NI44	MAP4K3 F5H5A3
3749	EP300 Q7Z6C1	GGCT A0A0B4J1Y4
3750	PTPMT1 Q8WUK0	CACNA1A K7EKF7
3751	RAD51D O75771	ACSS1 Q1RMZ4
3752	CYP19A1 Q05CU4	ARL6 C9IZ13
3753	GGN Q86UU3	HLA-C G1ENM2
3754	DDX25 Q9UHL0	TBRG1 Q05BL0
3755	ND5 A0A059QH09	CELSR1 H0Y7R9
3756	OPN1MW P04001	ENTPD6 Q5QPJ4
3757	BCAP31 C9JQ75	SLC47A1 I3L345
3758	DOCK8 Q8NF50	PSMA8 Q4G1B8
3759	GRIK2 A0A0A0MRL4	CP H7C5N5
3760	UTP6 Q9NYH9	HLA-C V5NQV1
3761	S100A13 Q99584	HLA-B A5HDH6
3762	TNFRSF19 Q9NS68	PTPN12 C9J1X8
3763	IL36A Q9UHA7	ASAH1 B1B5Q2
3764	POU5F1P3 E9LR98	PCDH15 A0A087WUA8
3765	PCDHA3 A1L2Z5	OGFOD1 H3BUA6
3766	PHKG2 A0A024QZE8	HLA-DQB1 L0BWZ9
3767	ATP6 U3LRA8	PTGER1 P34995
3768	HCR A9XAE7	COX2 U3LSI8
3769	ACER3 Q9NUN7	pcap Q96JQ3
3770	CDK17 F5H6Z0	CDKN3 F5H232
3771	ARHGAP8 Q52M44	CACNA1B Q9HBI4
3772	ARHGAP31 C9J652	HLA-A F2X5X9
3773	HLA-C Q70P03	COX1 A0A096VWL6
3774	HLA-C C5J010	MVD H3BQ47
3775	SPTLC2 O15270	RNASEK H0YIU3
3776	MYO5B Q7Z7A5	IMPA1 P29218
3777	ST3GAL1 E5RGL4	BAHCC1 A0A075B747
3778	HLA-A F1CCR4	IRF8 H3BT31
3779	SEPT11 D6RGI3	DUOX1 Q14C85
3780	HLA-A M9P9E7	TRIP4 Q15650
3781	ND1 A6ZG45	CHST3 Q7LGC8
3782	CYP21A2 A1A5B1	STAR P49675
3783	CLDN5 O00501	FAM86B2 P0C5J1
3784	ATG7 H7C2J8	PRNP P04156
3785	CYTB D5MAC9	ND2 Q5Q3N7
3786	BTG1 P62324	ATP2A3 A0A0C4DGN3
3787	cytb B2XQ22	EPHA8 P29322
3788	ADAM22 E7EPF1	ACTA2 P62736
3789	ND5 A0A059RQ72	HEL74 V9HWF3
3790	PLCG2 P16885	TCEANC2 Q96MN5
3791	OR6B3 I0EZ58	CSH2 A0A087WX75
3792	PITX3 A0A0B5HLC0	ATP6 H9SR23
3793	SCYL2 Q6P3W7	UTY E1NZ89
3794	CD1E A2RRL5	HSPA9 D6RA73
3795	CEACAM4 O75871	ND2 F2WEK7
3796	ADAM12 U5NE98	ZFAND6 H0YK54
3797	ALLC Q8N6M5	NOS1 P29475
3798	SPIRE1 Q96AS4	COI U3MA23
3799	CRIP1 P50238	GLI2 P10070
3800	MTG1 U3KQ69	SLC7A6 E7EPZ8
3801	Hosa(Adygei)-T2R49 Q50KF4	MAF1 H0YEV4
3802	HLA-A E0WBX1	PCDH17 A0A087WXV2
3803	NADH5 Q4GHG0	ELAVL2 B1AM48
3804	CUL2 Q5T2B7	NEDL1 A4D1V5
3805	PDXK O00764	PI4KA A8MTF1
3806	SLC35B1 P78383	CYTB F2YTI2
3807	EPHB2 E2I6F7	ALOX5 A0A087X109
3808	HLA-B Q6F3G7	CNP K7EN66

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 3811 PSME4|Q14997 NOXRED1|G3V2D4
 3812 RAB40C|Q96S21 ND6|B2Y8L1
 3813 MEF2A|H0YNI2 KLHL32|Q5THT1
 3814 AKAP13|A0A087WY36 PPP1R15B|Q5SWA1
 3815 NMNAT3|Q49AL4 TMM39B|Q9GZU3
 3816 NUA1|A0A024RBL3 ATXN3|D3VVG8
 3817 IGJ|P01591 RUNX1T1|E7EX23
 3818 HLA-A|Q861A7 HLA-C|D6MLE3
 3819 CYTB|C4PK48 TRIM43B|A6NCK2
 3820 FTL|P02792 ZSCAN31|C9J423
 3821 PIGN|K7EMD7 CD48|P09326
 3822 HNF1A|E0YMJ2 RPL28|H0YMF4
 3823 CDH11|USP6|Q6U210 SLC4A8|Q2Y0W8
 3824 UQCRHL|A0A096LP55 WASH3P|C4AMC7
 3825 RPS6KA3|B1AXG2 USP17L19|D6RCP7
 3826 HDAC9|Q75N10 HMGB2|P26583
 3827 HLA-B|I7JHQ8 SGSM2|O43147
 3828 UTY|F4MH98 OR5A1|Q8NGJ0
 3829 SERINC2|Q96IM8 MEST|C9JW74
 3830 SBK3|P0C264 SLC16A10|Q05BR4
 3831 ABCB4|A7K6Y6 HLA-C|B2Z3W4
 3832 HLA-A|D6ML46 ERAP1|A0A075BW43
 3833 ND2|H9QZ61 F10|P00742
 3834 APRT|H3BQF1 RBFOX2|S4R469
 3835 USP19|E7EST9 ERBB2|B4DTR1
 3836 SGK1|E9PJN2 EIF3E|H0YBR5
 3837 ZNF219|G3V3F2 NCAPH|C9J470
 3838 TRPM8|H7BZP4 HOMEZ|Q8IX15
 3839 RERGL|F5H686 HLA-C|D6MKU2
 3840 MYC|B3CJD5 RNF4|P78317
 3841 ND4|R4IA33 ATP8|D1GI26
 3842 GAPDHS|O14556 HLA-DRB1|A0A0A7C3X0
 3843 ALDH1B1|P30837 NAGS|K7EK11
 3844 ZNF440|C9JV94 TDP1|G3V2F4
 3845 USP32|Q6IRT0 ATP6|A0A059RW04
 3846 CISH|Q9NSE2 KLK10|O43240
 3847 SPP1|P10451 NODAL|Q96S42
 3848 GLP2R|Q4VAT1 RPH3AL|I3L1Q0
 3849 SOD2|Q6LE88 CYTB|V9K411
 3850 RHD|D1H102 HLA-C|A0A090MF27
 3851 PKM|H3BUW1 PDE9A|O76083
 3852 MBP|J3KS94 COX1|Q7Y7K9
 3853 SH3GL1|Q99961 HLA-C|U5YF62
 3854 NSMCE1|H3BR73 ND2|A0A023ZT78
 3855 HLA-B|A0A0B7M9W0 ZNF440|Q8IYI8
 3856 UXT|Q9UBK9 GPR157|Q5UAW9
 3857 ARPC1B|C9JEY1 ND2|A0A059RPY2
 3858 APEH|P13798 TRIB3|B0QYQ2
 3859 HLA-C|G4V594 CREBBP|B5A231
 3860 VSTM1|Q6UX27 RIMS1|A0A0C4DFV1
 3861 CDHR1|F1T0L2 CORO1C|Q9ULV4
 3862 HLA-A|F8LSV3 ZNF134|Q6PJ68
 3863 DNAJA4|F5H170 HESX1|Q9UBX0
 3864 CDC7|O00311 SPEF2|Q9C093
 3865 SKIV2L2|P42285 GNB2|Q6FHM2
 3866 GOLGA8F|Q08AF8 ARL2|P36404
 3867 CORO1A|P31146 SRSF2|J3QL05
 3868 HKR1|K7ERA5 NADH4|Q4G8Y4
 3869 SLIT2|A0A087WYV5 COX3|A0A059QMC6
 3870 pp6425|Q8WYU6 SMPDL3A|Q92484
 3871 PPP1R12B|O60237 EFCAB12|Q6NXP0
 3872 KIAA0863|A0A024R377 DDIT4|A0A024QZQ6
 3873 DKFZp586L2022|Q659G6 TNFRSF10B|Q6FH58
 3874 FARSB|Q9BR63 RAB31|J3QR51
 3875 RGL4|A0A087X1Z6 STAMBPL1|Q96FJ0
 3876 HLA-DQB1|L0BVX9 ND2|D5K736

3877 PGM3|D6RIS6 ATP6|H9SNR7
 3878 SPACA3|E9PF91 NOC3L|Q8WTT2
 3879 SLC6A9|B7Z589 C1orf51|Q5TB13
 3880 LDLR|H0YMD1 MDM2|A8WFP2
 3881 F8|E3VWA2 PITPNM1|A0A024R5I7
 3882 COX3|A0A059RYZ4 CFTR|Q6KEG9
 3883 ACYP2|P14621 HLA-C|C8CH97
 3884 CYTB|H9Q657 COX3|E7E3Q9
 3885 ND5|G3LZE0 NADH1|Q4GUE3
 3886 NPY|P01303 FAM48A|A0A024RDW2
 3887 OR10AD1|Q8NGE0 SERPINA5|A0A024R6N9
 3888 XRCC6|A0A024R1N4 POLH|Q5JTF2
 3889 PROS1|Q8IXD5 IL12RB1|P42701
 3890 HLA-C|N0AA77 RXFP1|Q9HBX9
 3891 ATP6|G9LB87 GSTM1|X5DR03
 3892 HLA-C|G4XN22 UTY|F4MHN4
 3893 PTPN12|C9JJC1 HLA-B|B3V8R0
 3894 HLA-DPB1|A0A0A7C5M1 TNFRSF10B|B5BU36
 3895 ZNF398|A0A090N7S8 TNFRSF10B|B5BU36
 3896 HLA-C|D7NR04 ERAP1|A0A0A7E6D4
 3897 cytb|B2XHJ4 PPP1CB|H0Y3Y6
 3898 GATA2|P23769 SYPL|A4D0R1
 3899 SPON2|Q9BUD6 HLA-DQB1|U5IRH3
 3900 HLA-DRB1|Q3LA85 LPL|E5RHN7
 3901 OSGIN1|J3KRK7 TMEM17|Q86X19
 3902 HNRNPD|H0Y8G5 PCDHGA7|Q9Y5G6
 3903 MUM1|K7END0 ENOX2|Q32ND0
 3904 CENPQ|Q7L2Z9 SEC23B|Q15437
 3905 HLA-A|A0A0A7C3W4 IMPAD1|Q9NX62
 3906 [TGL@|Q6PIK1](#) GPR68|Q6NWR5
 3907 DPH6|Q7L8W6 AGRN|Q15952
 3908 HNRNPUL2|Q1KMD3 ANAPC15|F5H3R3
 3909 ADCY8|E7EVL1 ADGRG7|E9PHI0
 3910 WASF2|Q9Y6W5 SRP19|P09132
 3911 HLA-A|F2VYH6 TLE4|Q04727
 3912 TP53|D5KL88 ZSWIM6|Q9HCJ5
 3913 SLC6A20|Q9NP91 ND2|A0A059S1K2
 3914 OMA1|H7BZX2 RAB5C|F8VSF8
 3915 RHCE|A0ZXV7 FKBP8|M0R2Q6
 3916 CD200|P41217 CSNK2B|B4DUJ4
 3917 CIRBP|K7EIF7 RPS6KB2|Q9UBS0
 3918 EFCAB2|Q5VUJ9 HAPLN1|D6RBS1
 3919 PFKFB3|Q5VX20 RASSF8|F5H7J1
 3920 COX3|Q27H55 HMGB3|E7EQU1
 3921 HLA-B|C9WCX4 TP73|O15350
 3922 AGPAT9|Q53EU6 USP13|Q92995
 3923 ERBB3|A0A024RB84 HLA-C|A0A090KMD8
 3924 RAET-1E|I4EPL6 LIG3|K7ENR9
 3925 TGFBR1|H0YHS4 ATXN3|D3VVF8
 3926 PHYKPL|D6RCB8 ARNT2|Q86TN1
 3927 CRYBA2|A0A024R429 HLA-B|E0X9R8
 3928 MEIS2|A0A024R9J1 PVRL1|Q6SYC1
 3929 SUCLG1|Q6IAL5 L-Myc|A0A0A0N0L0
 3930 CYTB|A0A059QVE0 ATAT1|Q5SQI0
 3931 PVALB|P20472 MARCH9|Q86YJ5
 3932 STX10|K7EK75 HBS1L|D9YZV0
 3933 ND1|A4ZM25 OLFML2B|F2Z3N3
 3934 SP100|P23497 PTN|C9JR52
 3935 GPR64|Q499H0 PYGB|P11216
 3936 PITPNM1|E9PSD1 PPM1E|A7E2X1
 3937 HLA-A|K7P5E0 FOXN2|P32314
 3938 PIN1|K7EN45 KCNT2|Q3SY61
 3939 UGT1A7|Q96PP0 ATP6|Q4ZEE6
 3940 ZNF446|M0R034 GALT|Q14366
 3941 DEFA4|P12838 HLA-Cw|Q45FZ3
 3942 CSTF2|P33240 IARS|Q5TCD1
 3943 HLA-A|A0A068B103 TECPR2|O15040
 3944 SIRT3|B7WNN4 DOCK9|H0Y3S1

3945 THAP9|D6RCT5 EIF4ENIF1|A0A024R1K0
 3946 RPS15A|H3BV27 TNFAIP3|P21580
 3947 ZC3H14|Q6PJT7 RHAG|Q9UHG9
 3948 RPL23|A0A024R1Q8 CDH10|Q9Y6N8
 3949 COI|U3M9T9 MTRF1L|Q5TF45
 3950 COX1|A0A059QQY6 ZNF778|A0PJ55
 3951 DNPEP|Q9HAC6 ND2|H6WJ42
 3952 ZNF528|Q3MIS6 GBE1|E9PGM4
 3953 MSI2|J3QKT5 WDR93|B4E3E2
 3954 NBPF3|Q9H094 RBM39|Q14498
 3955 MC1R|G3V4F0 WIBG|Q9BRP8
 3956 AGRP|O00253 MYO5B|Q9ULV0
 3957 INSL5|Q9Y5Q6 HLA-C|F2VNQ5
 3958 cytb|Q4GE64 LCMT1|I3L4A2
 3959 HLA-DRB1|C1JJ53 OR11L1|Q8NGX0
 3960 COQ5|B4DP72 HEXDC|J3KT84
 3961 MSH5|A0A024RCN2 KCNK2|C9JXY2
 3962 HLA-C|M9P9N7 DKFZp666B0810|Q658Y0
 3963 KCTD3|Q9Y597 PTPRE|Q8TE48
 3964 DDX1|F1T0B3 INTS10|H0YAU7
 3965 IQCF1|Q8N6M8 HLA-A|Q9TPS9
 3966 HLA-C|V5JAA8 EIF4E2|B9A044
 3967 PLAU|A0A024QZM9 NRAP|A0A0A0MRM2
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 3970 BIVM-ERCC5|R4GMW8 RARS2|Q5T160
 3971 YWHAQ|E9PG15 PRDM7_V2|A4Q9G9
 3972 NCAPH2|Q6IBW4 ND5|A0A023QV97
 3973 CYTB|H9P068 IL5RA|Q01344
 3974 PBX1|Q53YC7 HLA-C|A0A0A7C5K3
 3975 GDPD1|J3QQN7 MC1R|V9QDN7
 3976 MSX1|E9KXX3 EIF5B|Q8N5A0
 3977 ADCY3|U3KQR1 FM05|E9PJF3
 3978 EIF3S3|Q6IB98 ZNF419|E5RGL3
 3979 CRIP2|P52943 EVA1|A0A024R3K1
 3980 FADS2|F5H622 ZYX|Q15942
 3981 KISS1R|U3KQ86 RBMX|H3BR27
 3982 NRP1|Q9H2E0 DFFA|O00273
 3983 ARNT|A6NGV6 ND5|E7E2R2
 3984 DKFZp434J0650|Q9UFH1 ZDHHC24|Q6UX98
 3985 HLA-C|F8SL01 IL31RA|Q8NI17
 3986 CHD5|Q8TDI0 gdf7|Q75RY1
 3987 HLA-C|K7P5L2 CYTB|H9S9G9
 3988 ZNF562|A0A024R7A3 HLA-Cw|E9NVG6
 3989 ARID1A|Q4LE49 SAMD4B|Q66K25
 3990 ND1|G3C9Y1 PAK1|B3KNX7
 3991 HLA-DRB1|A0A0A7C439 ND2|G5D848
 3992 ACAN|E7ENV9 MOK|H0YM36
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 3995 LHX6|A0A024R852 DNCL1|Q6FGH9
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 3997 RNF41|F8VVY2 HLA-DPB1|A0A0A7C558
 3998 GRM7|A0A0A0MSC3 COX3|A6ZDK7
 3999 POLE3|Q9NRF9 HLA-C|U5IT70
 4000 PTS|E9PNN3 FABP2|P12104
 4001 TAAR2|Q9P1P5 RHD|G4XIC6
 4002 SCRT1|Q9BWW7 AP4M1|F8WCC5
 4003 PPIP5K1|H7C436 RBM3|A0A024QYX3
 4004 NUCB2|A7LNF5 NR3C1|P04150
 4005 BMI1|P35226 MBLAC1|A4D2B0
 4006 HLA-DQB1|H6SFX1 SERPINI1|Q99574
 4007 MB|U6FIU7 ADCY7|P51828
 4008 PRPH|P41219 HLA-A|L8B936
 4009 NIP7|J3QRR4 ND4|U5YXJ5
 4010 SCN8A|Q6B4S3 HLA-DPA1|H9BIJ2
 4011 DDX5|J3KTA4 KLHL24|C9JN72
 4012 ALK|D1MAM1 ARHGEF4|A0A0C4DFY6

4013 RANGAP1|B0QYT5 SLC39A5|Q6ZMH5
 4014 HLA-DPB1|S4T6N5 TXNIP|A0A024R4B7
 4015 MYBL2|P10244 HLA-C|V5NVY9
 4016 FCN2|Q15485 SIRT2|A0A087WYM3
 4017 DNAJC25-GNG10|A0A024R161 CYP21A2|K9LHU7
 4018 HLA-DPB1|A0A0A7C8A6 JOSD1|B0QY57
 4019 RNF180|Q86T96 NRG1|Q7RTW5
 4020 MAN2A2|A0A0C4DGL1 POU2AF1|Q16633
 4021 DDX3Y|O15523 ALPL|P05186
 4022 HLA-B|M5EDK8 SIM2|H7BZX8
 4023 PPP1R13L|K7EN03 COX1|A0A059RL15
 4024 ESR1|B6DU66 HLA-C|C5IZX9
 4025 TARS|P26639 GLRA3|Q9UPF3
 4026 HLA-A|A0A060VCY5 CYTB|H9QLC4
 4027 Nb1a02942|Q3LIE9 HLA-C|G1EQ76
 4028 UROS|A0A087WUV7 PATZ1|Q9HBE1
 4029 ELA2A|Q6ISU5 ND2|Q15GW0
 4030 GJC1|K7ERH3 IGFBP5|P24593
 4031 CD95|Q8IUB7 METTL5|B8ZZC8
 4032 HLA-B|K9LCN4 ST14|Q8WVC1
 4033 ZDHHC17|H0YI74 CCNE1|I3L1Q9
 4034 TMED5|Q9Y3A6 SS18|Q15532
 4035 ABCC1|G0ZCM6 COX1|A0A059RSL0
 4036 HLA-A|I0DHJ2 PCMTD2|V9GYG6
 4037 ABHD12B|Q7Z5M8 LMX1A|Q6NZ39
 4038 CHMP2B|Q9UQN3 COX1|A0A059QJ22
 4039 ATAD2|A0A024R9G7 CSF2|P04141
 4040 NNT|Q2TB59 CLTC|K7EJJ5
 4041 ARNT2|X5DQN9 SIK1|P57059
 4042 GAGE2D|Q9UEU5 PDE1C|Q75MP2
 4043 ARG1|P05089 MEGF6|O75095
 4044 EPB41L2|E9PK52 KCNK3|O14649
 4045 SELP|Q6NUL9 NIN/PDGFRB|Q5UBV6
 4046 ZNF737|M0R1D1 ZNF547|M0QYW2
 4047 NSMCE1|H3BSL0 ZYX|H0Y2Y8
 4048 TECRL|Q5HYJ1 ARIH1|H3BNB9
 4049 LYZB|A0A080YUZ6 RNF114|A0A096LNT1
 4050 TIMM50|Q0VAB1 UTY|F4MHB1
 4051 HLA-A|A0A060VCP5 SUGT1|Q9Y2Z0
 4052 C5orf63|A6NC05 RASSF7|E9PM39
 4053 RHCE|Q3ZV40 RGL3|Q3MIN7
 4054 IFT81|H0YIR4 ND5|A0A023I7R1
 4055 AK7|G3V365 RAB3GAP1|D3DP75
 4056 SLC5A6|E7ERE1 CCDC88A|Q86YH1
 4057 UTY|E1U0S4 SPTBN1|F8W6C1
 4058 CELA3A|B1AQ52 IDO1|P14902
 4059 HLA-A|D6ML04 USP12|O75317
 4060 PLAC9|Q5JTB6 SIAH1|Q8IUQ4
 4061 HLA-A|G9HRP1 ND1|A0A059RMY0
 4062 HLA-A|G1EPE0 ALDH1A2|H0YKL3
 4063 ND6|U3LZ23 SLC46A1|K7EPJ7
 4064 S100A16|Q96FQ6 IFGGE|J7NNX4
 4065 CCT3|E9PRC8 IL-2|Q16334
 4066 HLA-DPB1|Q30060 ARPC1B|C9J4Z7
 4067 ATP8|G5D7T4 OPRM1|B8K2Q5
 4068 RHCE|A0A0B5JJ59 LRRK1|H0YEW1
 4069 SLC30A10|B3KR19 PIGC|A0A024R900
 4070 HLA-C|S5DLF7 CDC25C|H0Y999
 4071 LGALS14|Q8TCE9 ZFP2|B7ZM21
 4072 PCDHGB3|Q9Y5G1 PIGQ|E7ERP4
 4073 ND1|Q85BK7 PAM16|I3L3T0
 4074 NFIB|Q5VW26 ABCA2|A0A087WXX5
 4075 CEP57|A0A024R3A1 IL13|Q4VB50
 4076 STX16|E9PND6 NEK11|A0A075B7B3
 4077 INO80B|Q9C086 PIKFYVE|E9PDH4
 4078 HYAL1|C9JB49 MVP|Q14764
 4079 HLA-C|K7P4Z7 INTS3|Q68E01
 4080 ND1|Q0Z7R5 HLA-A|A0A060GTH2

4081 hJak3S|Q9UMU1 SYNE1|A0A0C4DG40
 4082 SNRPG|P62308 ND1|D2Y6X6
 4083 PCDH15|A0A087WZN9 NRAS|Q5U091
 4084 AP4B1|B1ALD3 CYTB|G9LLS3
 4085 MIPEP|Q99797 CAMK2B|H7BXS4
 4086 PERB11.1|Q99691 PYCRL|A0A087WTU2
 4087 ITGAV|A5YM53 DNASE1L3|Q13609
 4088 ZNF585A|A0A0C4DFY4 SLC10A3|P09131
 4089 ATP6|E5EXA0 HEL-216|V9HW78
 4090 C1orf172|Q8NAX2 ATXN3|D3VVM9
 4091 CRMP1|B3KT07 PRTN3|P24158
 4092 CRHR2|B3SXS9 NUP88|Q99567
 4093 PPP2R2B|Q00005 CRTC2|Q5T4K5
 4094 HLA-DPB1|Q9BCQ3 PARP10|E9PPV8
 4095 STXBP5|Q14DD4 CRBN|A0A024R2H8
 4096 HLA-C|H9C5I1 RAD52|F5H1K5
 4097 EIF2AK1|Q9BQI3 HLA-A|D6MLH1
 4098 ATP6|F1B7N7 COQ5|B4DP72
 4099 ND5|F2WFG5 DHDDS|E9PI64
 4100 DEFB1|P60022 COX1|B2XM03
 4101 KLC1|G3V2E7 TBCCD1|Q9NVR7
 4102 LPIN2|J3QQN0 ATP6V1H|G3V126
 4103 ACTN1|Q5ZEZ4 atp6|T2HJH9
 4104 TPT1|P13693 SYN3|Q17R54
 4105 HLA-B|M9VNH3 BPTF|A0A0A0MR81
 4106 GHRH|P01286 CD36|D9IX65
 4107 ESR1|B5TZ81 SEC62|Q3KR08
 4108 SLC7A7|D6RFE5 KIAA0586|G3V2T5
 4109 CNGB1|Q14028 KMT5A|A0A0C4DFR3
 4110 CCDC67|Q05D60 KLHDC7B|Q96G42
 4111 PPM1F|A8MX49 ZBTB34|A0A0C4DFQ2
 4112 TRAM1|Q15629 MED30|Q96HR3
 4113 FARSA|K7ER00 OR52E6|Q96RD3
 4114 MC1R|V9Q7F1 ZBTB20|Q9HC78
 4115 NEBL|O76041 OR10C1|Q96KK4
 4116 CYTB|C8YC39 MAX|A0A024R682
 4117 COX3|A0A059RSE7 MST1R|Q04912
 4118 ND1|U3L4L8 ATF6B|Q99941
 4119 PHF11|H0Y4X7 ND2|G9LGG6
 4120 TCIRG1|H0YEL3 PABPC1|E5RJB9
 4121 ND5|A0A096WU0 ALDH3B2|E9PKY9
 4122 SURF1|E5KRX5 CSF1R|A2VDG3
 4123 DUX4|E0YLM6 WDR55|Q9H6Y2
 4124 TRIB3|A0A087WTX3 GPR4|P46093
 4125 DEGS1|E7EMA0 CYTB|Q06TW9
 4126 ND4|A1DUY6 RAP1B|F5H823
 4127 PUS1|F8W9U5 FCGRT|M0QYN9
 4128 HBE1|A8MUF7 HLA-C|D3JTB4
 4129 P2RY13|Q9BPV8 COX1|A0A059RKL5
 4130 ULK3|Q6PHR2 GATAD1|Q8WUU5
 4131 ND4|A0A023Q6X3 PPP2R5C|Q96B13
 4132 SESTD1|Q86VW0 UMP5|P11172
 4133 TPSAB1|J3QTS8 THG1L|Q9NWX6
 4134 ANXA7|P20073 HLA-C|D7NNV6
 4135 TCEA1|P23193 BRD7|Q9NPI1
 4136 HLA-C|K7P605 HPGD|D6RA83
 4137 ORMDL2|F8VWV8 PDCD11|Q14690
 4138 SA|V9H1E0 COX3|C8Y3W0
 4139 ATP6|A0A059QSI6 MYO19|Q96H55
 4140 MN1|A0A024R1C3 PVALB|B8ZZ19
 4141 FARSLA|Q6IBR2 KIN27|Q15136
 4142 PTER|Q96BW5 FAM46B|Q96A09
 4143 NAP1L2|Q9ULW6 COX3|B2KLD8
 4144 HLA-C|J7K463 GNAL|A8K1Y9
 4145 GPD2|F5GYK7 ATXN3|Q4VBR4
 4146 HLA-C|D6ML95 TINF2|Q9BSI4
 4147 DCC|J3QKL2 ND6|C8YF93
 4148 TRIM60|Q495X7 ISG20|H3BLY5

4149	USP15 H0YH96	PLVAP Q9BX97
4150	HELZ J3QS41	RPS14 P62263
4151	ATP6 G4W1R5	COX3 H9P818
4152	SCN3B E9PJP6	ADSS A0A024R5Q7
4153	CSF1 E9PQ08	FLCN Q8NFG4
4154	ATXN3 D3VVI2	hCG_1730823 D3DUU5
4155	ATP6 A0A059QPL3	HMGNI H7BXJ5
4156	SLC26A10 H0Y683	TPM3-ROS1 M1VPF4
4157	CYTB A4ZLC9	RPH3A Q9Y2J0
4158	ND2 M4QID2	NUTM1 Q86Y26
4159	ND4 D2K1N4	CNN1 P51911
4160	ND5 V5L835	IFIT2 Q8IZ03
4161	SATL1 Q86VE3	POLR3F Q9H1D9
4162	ND3 F1B7M6	SMARCC1 Q05BW5
4163	ISYNA1 J3QRY0	SYBL1 B4DMB4
4164	ATP6 E1B4I5	PMM2 H3BR08
4165	GPATCH8 Q9UKJ3	ND2 A0A096YBW5
4166	ANK2 H0YAG3	AP3B2 Q13367
4167	KIF5B-ALK C1PHA2	RHCE D5L848
4168	TNIP1 E7EMV7	HLA-A Q9BD11
4169	MPHOSPH10 U3KQ48	PRLH P81277
4170	NKX2-5 A1ECB8	ROBO2 R4GMM8
4171	IL17REL Q6ZVW7	SMAD3 H3BP09
4172	SCRT1 Q9BWW7	ZC3H7A Q8IWR0
4173	HLA-C D7NNZ8	ND2 Q85KY9
4174	ND4 E0Y476	SLC16A14 E7EMG7
4175	ZNF433 C9JUUV2	HLA-C D6C6C2
4176	ND4 U3L8P3	NEDD4L A0A024R281
4177	OPHN1 Q7Z2H1	HEXA H3BU85
4178	NAP1L1 B7Z4K9	R3HCC1L A0A087X0M0
4179	TMSB4X Q0P5Q0	HLA-C M9P9W1
4180	ZC3H10 F8VQT2	CDC2L2 Q96CA8
4181	LIPG A0A024R2B5	YY1AP1 Q9H869
4182	NHLH2 A6PVY9	COX1 A0A068BQ73
4183	CYTB B2Z4H6	ELK3 F8VUJ0
4184	HLA-Cw Q2L4E9	ND5 Q2L743
4185	ND5 D5M834	RPS3A B7Z3M5
4186	HLA-C G1EMV4	ITGB5 H7C580
4187	EPB41 P11171	CCDC23 Q8N300
4188	EXOC6 F2Z3K0	CMA1 Q4FEB3
4189	NRAP A0AVL2	C6orf211 Q9H993
4190	SEPT1 I3L2M1	SLC39A7 A0A024RCX7
4191	FGD6 F8VQX5	B3GNT7 Q8NFL0
4192	BRD8 Q9H0E9	HLA-C M9PA28
4193	CPPED1 Q9BRF8	CES2 A0A024R6X1
4194	ANKRD17 H0YM23	HLA-B D3U776
4195	PPP3CC E5RJH4	COII C5H6M4
4196	IGF2R S4R328	ALOXE3 J3KPH2
4197	HLA-C A0A0A7C4K9	GUK1 B1ANH6
4198	GRID1 G3V186	PDGFRB P09619
4199	AOX1 H7C3Q1	ATP6V0C H3BNI4
4200	KIAA1279 Q96EK5	RCAN2 Q14206
4201	DDX60 Q8IY21	HLA-C E0X9Q2
4202	CDHR1 F1T0L2	MED12L F8WAE6
4203	MYCL E9PQS5	COX2 C8Y3Q5
4204	hCG_1992840 D3DQV2	HLA-A D1MYY8
4205	NADH6 Q4GE26	DDX39B F6S4E6
4206	HLA-A J9UP83	F10 F8WBM7
4207	PRKCSH K7EKX1	TRH D6RFM1
4208	TMLHE Q9NVH6	MSX1 E9KXY1
4209	NAB1 Q13506	ND5 Q6VIX6
4210	OR4F4 Q96R69	GRASP Q7Z6J2
4211	HAUS2 H3BP24	MLLT11 Q13015
4212	STK11 Q5ZEZ1	CERS5 F8VXY1
4213	ARL14 Q8N4G2	HADH A0A0A0MSE2
4214	LUZP1 Q86V48	HLA-A D4P2X9
4215	LGMN G3V4E4	CELF5 Q8N6W0
4216	CROP Q86Y74	CDC47 Q9BWT1

4217 AT3|Q8IZZ9 SEPT4|J3KSZ7
 4218 TMEM229A|B2RFX0 SS18|Q15532
 4219 Hosa(Biaka)-T2R38|Q50KM1 E2F8|A0AVK6
 4220 HLA-DPB1|A0A0A7C954 DCP1B|F5H4R4
 4221 MEF2C|D8L7E9 TFAP2A|Q96SH1
 4222 PAK4|A0A024R0J1 MAST2|Q6P0Q8
 4223 CYTB|Q7YED9 ZNF283|Q4G0N1
 4224 MORF4L1|H0YLV1 ZSCAN32|I3L1K0
 4225 POU5F1P4|E9LRP4 HS2ST1|Q7LGA3
 4226 ATP6|Q9B1K9 DARS|H7C278
 4227 TAS2R3|Q9NYW6 RELA|Q96F54
 4228 HLA-C|V5JAP5 HLA-A|D5M8E9
 4229 CYTB|A0A059QVJ8 IP09|Q96P70
 4230 SYP|G5E9A2 RPS3A|D6R9B6
 4231 SHMT|Q9UMC8 NBEA|Q8NFP9
 4232 EXOC8|Q8IYI6 ECI2|C9JB63
 4233 ND1|A0A059RP72 POLR2H|C9JLU1
 4234 NUDT12|E7EM93 CYTB|I3Q3F2
 4235 BABAM1|M0R2K3 ZMYND8|A0A087WV57
 4236 GGA1|B0QYS1 PIG43|Q2TU80
 4237 CTNNA1|E5RFK9 HLA-DRB1|A0A0A7C506
 4238 CYP2C|Q16750 ALKBH2|F5H5X2
 4239 HLA-DR15|J9PW10 GNRH1|P01148
 4240 CYTB|A0A0A0PVY4 API5|Q9BZZ5
 4241 AGR2|Q95994 CYTB|I3Q3Y4
 4242 POLR2H|C9JLU1 GLA|V9GYN5
 4243 HLA-C|M9P8K5 CD36|E7EVU1
 4244 ARMC2|Q8NEN0 TMBIM6|F8VQQ5
 4245 MYO18B|Q8IUG5 LOXL3|B8ZZT6
 4246 KIAA0196|Q12768 LIME1|X6RKG5
 4247 RDM1|B4DZ74 NEIL2|Q3ZCR7
 4248 NLRP14|Q86W24 HLA-C|L0BX19
 4249 CYTB|J9V3D9 CA5B|C9IZP3
 4250 CYP1B1|Q2HZ43 WARS|G3V4C7
 4251 ADGRD1|H0Y2U9 PRSS8|Q16651
 4252 NAP1L4|E9PJJ2 HNRPA2B1|A0A024RA28
 4253 IL1RAPL1|X5DNQ7 ZNF165|Q8IY56
 4254 RYR3|Q15413 CCL13|Q99616
 4255 PICALM|Q13492 CFTR|Q6KEB2
 4256 MEST|Q5EB52 TMEM68|A0A024R7Y2
 4257 MTX1|Q13505 TRPM2|Q14DR2
 4258 PDXK|F2Z2Y4 DPP8|H0YKA2
 4259 IL23R|B6VNT6 C21orf66|Q8N6E6
 4260 Hosa(Adygei)-T2R4|Q50KX7 CD300A|Q9UGN4
 4261 PBX1|H0YLD4 MADCAM1|Q5PY60
 4262 SLC25A10|Q9UBX3 EPAS1|Q99814
 4263 HLA-A|C9E848 ENDOV|E5RJ92
 4264 B4GALT3|A0A068PC44 ZNF347|M0R1E9
 4265 SEPHS2|Q99611 STIM1|E9PR07
 4266 CCDC102A|Q96A19 ZBTB49|Q6ZSB9
 4267 WDFY3|Q8IZQ1 TARDBP|Q13148
 4268 SLITRK6|Q9H5Y7 NIPA1|A0A024R344
 4269 FLG|Q4JFL9 STAT2|B4DLC8
 4270 FLT4|I6YRR9 FABP12|H0YAS1
 4271 CYTB|C7SL96 CAPN13|Q6MZZ7
 4272 HELB|Q8NG08 WASH|A9QQ21
 4273 HLA-DRB1|G5EM93 HLA-B|Q29939
 4274 ARHGAP21|A0A087WW76 CLDN14|Q95500
 4275 FUND2|Q9BWH2 feat|C4B4C6
 4276 SH2B1|H3BUN7 ST3GAL1|Q11201
 4277 CPSF7|C9JM38 ERG1|Q9UNR6
 4278 DKFZp762P233|Q9NPU8 HLA-C|E1Y7F7
 4279 PPP1R17|Q96001 CLDN3|Q75L79
 4280 G6PD|Q2Q9H2 SPINK5|Q9NQ38
 4281 HLA-C|W1I435 DDC|H7BZF7
 4282 CNIH|B2R4P1 RAB3D|A0A024R7G2
 4283 ANK1|H0YAY8 ND5|Q0Z7K9
 4284 MARCH7|H7BZU7 UGT1A3|Q8WX90

4285 TIGD7|I3L2A8 SRRT|Q9BXP5
 4286 DHX29|Q7Z478 SLC25A44|Q96H78
 4287 ND3|A0A059QPW5 MYB|E9PNH6
 4288 ITGB2|E5RK25 SLC16A10|Q9P1I2
 4289 CDK4|A0A024RBB6 AKIP1|B4DGE2
 4290 TSC22D3|D6RBL1 ND2|Q4F5S2
 4291 RPL18|H0YHA7 NPBWR1|P48145
 4292 NFATC4|G3V4U6 LAD1|O00515
 4293 ARID2|Q4G0S8 FADD|Q6LCB0
 4294 BARD1|A0A087X2H0 RXRG|P48443
 4295 TCF7L2|E2GH26 BOLA1|Q9Y3E2
 4296 GPX3|P22352 OR52B4|B2RU22
 4297 MYL6|F8W180 DLST|B7ZAZ8
 4298 MAP2K6|K7ELM6 GM2A|H0YBY3
 4299 ST5|P78524 EPS8|F5H0R8
 4300 MC1R|V9QC17 DYNC2H1|Q8NCM8
 4301 IMP3|Q9NV31 BSCL2|F8W7Q8
 4302 ND3|W8D464 PRSSL1|B7ZMF6
 4303 TNS1|E7ERH1 ADRB2|X5DQM5
 4304 KEL|U4PCV3 MAP4|Q86Y04
 4305 TDRD1|H9KV62 ESPN|Q5JYL1
 4306 GABRA3|P34903 OR10G9|Q8NGN4
 4307 OVOL1|Q86XL8 ATP6|E5FWR5
 4308 SRPK2|P78362 MTNR1B|P49286
 4309 FADS3|H0YED5 ND1|Q4F1A0
 4310 TTC28|A0A087WW06 MYC|B3CJB2
 4311 HTR3A|B3VRH0 FLJ00401|Q8NF03
 4312 ND1|A6ZG45 HLA-DPB1|S4T6N5
 4313 PLXND1|H0YAM9 TAP1*0102N|O94774
 4314 USP14|D3DUG9 YEATS2|Q9ULM3
 4315 ND5|H9RGG5 HLA-A|F8R110
 4316 ABCA10|E5RFN6 ATMIN|O43313
 4317 DEF6|Q9H4E7 HLA-C|E2DHA1
 4318 UBE3A|S4R306 CIRH1A|Q969X6
 4319 TBCD|I3L0V3 PCDHGB1|Q9Y5G3
 4320 HAGH|Q16775 ND4|V5JGF7
 4321 UCK1|Q9HA47 PEPD|J3K000
 4322 M6PR|F5GXU0 ND1|A4ZYI1
 4323 HMBOX1|H0YKJ1 PDCD6IP|Q8WUM4
 4324 PEX2|P28328 RPL10|B8A6G2
 4325 KLHL6|Q8WZ60 CAMTA2|B7ZM30
 4326 HLA-B|C9E854 TLK2|Q86UE8
 4327 NEU1|Q5JQI0 HLA-DPB1|A0A0A7C8H4
 4328 GPD2|F5GYK7 KRT85|P78386
 4329 IRF3|A0A024QZE1 CTNNB1|B4DGU4
 4330 ND5|U3L687 EPB42|H3BTE6
 4331 HSF4|H0YC39 GPR171|O14626
 4332 HLA-C|R4QIQ2 CYP1A1|A4F3V8
 4333 STK17A|Q9UEE5 ND5|L7XZ93
 4334 PPP2R5C|H0YJ75 DUX4|E0YLM6
 4335 ND2|O78759 NDUFS7|F5H5N1
 4336 HLA-A|G1EPG4 PTPN21|Q8WX29
 4337 ATP6|Q4EYS4 DOCK8|Q86XD0
 4338 ND5|I3Q548 RBCK1|Q9BYM8
 4339 ZNF682|M0QXB8 AP1M1|K7ENA7
 4340 ND2|H9PJL9 MTFR1|Q15390
 4341 ND4L|A0A023QP33 A4GALT|Q6RJV6
 4342 PTPRF|H0Y6Z7 DHX9|Q6PJK6
 4343 MOG|Q5SSB8 ND1|C7B2N5
 4344 TBX22|Q9Y458 RPL27|P61353
 4345 FLT1|H9N1E7 HLA-Cw|G0WVC6
 4346 TTLL11|Q8NHH1 ZNF576|A0A024R0T0
 4347 PTPMT1|Q8WUK0 POU5F1|E9LR73
 4348 GNB5|H0YNW7 KIF3A|Q9Y496
 4349 ZFP36L1|A0A024R658 KIAA0971|A0A024R419
 4350 MC1R|Q1JUL9 PSEN1|E7ES96
 4351 CYP4A11|E7EVL8 RIBC1|Q8N443
 4352 RHO|A0A076V826 ASPHD1|I6L9B0

4353 ND3|A0A023R2S6 CYTB|A0A097PX91
 4354 CMKLR1|Q99788 ND6|G9LCN7
 4355 TRIM61|Q5EBN2 HLA-C|D7NR01
 4356 RFC4|P35249 ZNF410|Q86VK4
 4357 RARA|P10276 MSH5|A0A024RCV6
 4358 ARFGAP3|B0QYV8 ND6|L7XJA6
 4359 COX3|X5BXV3 VAC14|A0A087WT26
 4360 RPS3A|D6R9B6 ARPC4|P59998
 4361 CYTB|V9IWT7 ND5|A0A023I954
 4362 ND3|A0A096WBL4 HLA-B|Q4GX02
 4363 DKFZp313C1541|Q5HYI5 PRSS54|H3BQS7
 4364 ZFYVE1|Q9HBF4 DXO|O77932
 4365 CTSB|Q8TAC7 cytb|B2XGQ9
 4366 DCTD|D6RAR9 RAK1|W0UV99
 4367 RBMS2|F8VQS9 RPL10|X1WI28
 4368 PPARG|Q4W448 CYTB|Q6RQ92
 4369 GRAMD1A|Q96CP6 EEF1A1|A0A087WVQ9
 4370 CIR1|Q86X95 ND1|Q2HKM8
 4371 TAP1*0102N|Q9UEE1 HDM2|I6SST9
 4372 INPP5A|Q4VAR4 CNOT2|H0YI80
 4373 ND2|V9JQL9 ENGASE|Q8NFI3
 4374 KCNC2|A0A024RBE3 SLC2A14|F5GXP7
 4375 RABGEF1|Q3HKR1 SPRED3|B9EKV1
 4376 XRCC6|P12956 MAPK10|D6RCB1
 4377 STOML1|Q9UBI4 PCMTD2|I6L9C7
 4378 YOD1|Q5VVQ6 RAB3A|A0A024R7I7
 4379 ATPAF2|B4DG98 KAT2A|Q92830
 4380 HEATR1|Q96E55 MYCBP|Q6IB68
 4381 HEL-S-30|V9HWB8 DKFZp586B1621|Q9UFX5
 4382 RPS9|A0A024R4M0 ZNF208|M0R1F2
 4383 ATP8|E1B2Y7 PLEKHM1P|Q69YJ1
 4384 KLK4|Q5BQA0 KIAA0040|Q15053
 4385 MYF4|Q9HCA4 ND1|A0A023R5N9
 4386 RHCE|B3CL47 ATP50|H7C086
 4387 COX2|Q4F4V6 LOXL2|W8QRJ0
 4388 TSPY2|C9JPU3 C22orf23|Q9BZE7
 4389 ACE|J3KTB8 DMD|H0Y3E8
 4390 HLA-C|R9QZ23 ANTXRL|A6NF34
 4391 RTN4RL2|Q86UN3 PTPN6|Q53XS4
 4392 SENP2|Q9HC62 GPR39|Q53RU7
 4393 ARL3|P36405 ZNF517|H0YCN3
 4394 GRM7|A0A0A0MSC3 CHD1L|X5D2E5
 4395 CDHR3|Q6ZTQ4 NAIP|B7ZLE8
 4396 CYTB|H9E8K6 GOLGA7B|Q2TAP0
 4397 ABCA1|O95477 PIGN|K7ENC3
 4398 HTN3|P15516 CS|F8VPA1
 4399 ND1|B7UCG0 TRAF2|A0A024R8H5
 4400 PDE11A|Q53S13 ND5|V9JCN2
 4401 PARP6|H3BRZ3 HLA-B|A0A0A7C7J9
 4402 MRPL27|Q9P0M9 AIP|A7YDK2
 4403 CUL1|A0A0C4DGX4 TRNT1|A0A024R2H7
 4404 IRF2|K4DIA5 ABCA13|H7C0U5
 4405 TSPAN19|P0C672 LEMD2|Q8NC56
 4406 MCOLN1|Q9GZU1 FCHSD2|O94868
 4407 MAPK6|Q16659 COX3|E2J0C2
 4408 KRTAP10-11|P60412 ND4|A4ZL22
 4409 DOCK9|H0Y3S1 SPG7|H3BTY6
 4410 RAB13|Q504R6 NR4A1|F5GXF0
 4411 PAK6|A0A024R9Q4 HLA-A|E2GJD7
 4412 EIF2S2|B5BU01 COX1|A0A059QMT2
 4413 RAB27A|H3BUD9 AADACL3|Q5VUY0
 4414 PRTN3|U3KPS2 GAL3ST1|C9J2X7
 4415 HSF1|A0A087WWQ3 CPT1C|B3KU49
 4416 ATP8|D6C0Z2 AGL|G1UI17
 4417 CHST12|A0A024R860 ATP6|A0A096W0M4
 4418 HLA-DQB1|A0A0A7C6B8 UBE2L6|E9PKW8
 4419 GJA8|A0A097IW74 GALK2|H0YLL8
 4420 cytb|A7XTP7 TNR|H0Y668

4421 NKX2-5|A1ECB1 HLA-B|D2DKQ8
 4422 STAT5A|P42229 SYT17|H3BRH9
 4423 MRPL52|Q86TS9 PTPRT|O14522
 4424 ITIH5|Q86UX2 NSMCE4A|Q9NXX6
 4425 OR5F1|O95221 MSI2|J3QKT5
 4426 ANKIB1|Q4VBX8 ND1|D6BYK6
 4427 ATF2|C9JCI8 ndh2|T2HLS5
 4428 RBM25|E9PSE8 SHARPIN|H0YCU2
 4429 ZNF207|O43670 INO80B|B8ZZ93
 4430 NUDT14|B3KXY7 SELI|Q8WU57
 4431 ZKSCAN1|E9PC66 PRKX|A0A024RBU5
 4432 ATP6|R9UCI0 HLA-C|G1EQL1
 4433 EXOC4|Q6NX51 RSPH1|Q8WYR4
 4434 CTTNBP2NL|A0A024R0C7 TMEM229A|B2RXF0
 4435 ZNF155|K7ELA0 CCDC88A|Q6DCA5
 4436 POMC|K7R8W0 ATP6|C8YHY6
 4437 ZNF667|Q5HYK9 CRISP1|P54107
 4438 SLC2A11|Q9BYW1 DNPEP|E7EPX3
 4439 ZNF417|M0R267 CENPW|A0A0A0MRK5
 4440 ERC2|O15083 CDH4|P55283
 4441 ND1|A0A059QRC9 TRIM5|D8L1Z7
 4442 GRPR|P30550 COX2|Q5SAP1
 4443 SLC24A4|G3V505 TLR10|D1CS20
 4444 ZNF500|K7EPZ1 ND3|A0A059RPQ1
 4445 ALS2CR12|Q96Q35 GFOD1|S4R302
 4446 NDI|A0A098CLD5 ELN|E7EWS8
 4447 COX2|H9E779 NR6A1|Q15406
 4448 SLC6A19|E9PD72 LAMB1|P07942
 4449 MAML2|B7ZL21 SH2D3C|Q8N5H7
 4450 ZNF701|M0R085 COX3|Q5Y0J7
 4451 ND4|B4YGU7 LRGUK|Q96M69
 4452 TYRP1|E7EQI3 SORT1|Q99523
 4453 STK31|A4D159 IP07|O95373
 4454 CBLB|C9JRB3 ZNF738|Q8NE65
 4455 SIX60S1|Q8N1H7 C3orf58|Q8NDZ4
 4456 HLA-C|D6MLD8 COX2|A0A023QZ25
 4457 HLA-DPB1|A0A0A7C8N1 COX2|F1CIN6
 4458 HLA-DR15|G0WVE0 COX2|A6ZF47
 4459 CSDC2|Q9Y534 ATP6|A0A075X6T8
 4460 ZNF473|M0QZY7 ETFA|H0YNX6
 4461 EIF5|H0YM54 KCNQ1|P51787
 4462 HSPA8|E9PPY6 COIII|Q4GIA0
 4463 UROS|P10746 PLN|Q5R352
 4464 RHBDL3|A4FU16 ND3|A6ZGZ8
 4465 DIAPH1|H9KV28 COX2|Q06TE6
 4466 DLD|F8WDM5 RUFY1|Q96T51
 4467 TAPBP|A0A0A0MSV9 CAP2|F8WEW0
 4468 APC2|K7ERC5 IAPP|A0A024RAU1
 4469 ND4|A0A059RMH3 ZNF559|K7EM21
 4470 OPN4|Q9UHM6 RBM12B|E5RHG1
 4471 CYTB|V9J348 ND1|Q2HK80
 4472 MBTD1|Q05BQ5 CATSPERG|Q6ZRH7
 4473 MGRN1|K7EIM7 RPL13a|Q8J015
 4474 LGALS9C|J3QSH0 PCDHB16|A0A096LP81
 4475 ACVR2B|Q13705 GNB3|F5H8J8
 4476 MB21D2|Q8IYB1 FAAH|O00519
 4477 IGFBP4|P22692 PRSS8|Q16651
 4478 C1orf51|Q5TB12 HLA-C|F8SL01
 4479 ATP9B|K7EL57 PCDHGC3|A0A087WYB5
 4480 ZNF646|O15015 COX3|A0A059RJ07
 4481 KIFC3|A0A0C4DGM9 ITLN1|Q8WWA0
 4482 CTSB|E9PL32 USP15|H0YI26
 4483 CRYM|Q14894 KCNH2|Q12809
 4484 GADD45A|A5JUJ3 ARNTL|E9PL54
 4485 H2AFY|O75367 HLA-C|U5YEU4
 4486 HLA-C|F8SKZ7 IL7R|P16871
 4487 MAP6D1|Q9H9H5 ELM02|Q5JVZ5
 4488 PAX5|E7ERW5 NCOA6|F6M2K3

4489 RHCE|D5L848 TFAP2C|Q92754
 4490 HLA-A|A0A0A7C5M0 PSMA6|G3V4S5
 4491 ANXA3|D6RA82 DNAJC17|Q9NVM6
 4492 MKRN1|C9J031 CPVL|Q9H3G5
 4493 ND4|A4ZLD9 SEC24D|E9PDM8
 4494 COX3|Q9B1S4 DHX58|C9JE76
 4495 ZNF75A|Q96N20 SLURP1|P55000
 4496 HLA-B|J7K017 HDAC11|A0A024R2I1
 4497 DKFZp564M2178|Q9NT61 HLA-DPB1|A0A0A7CAB6
 4498 MRPL1|A0PJ79 HLA-Cw|E5G0X9
 4499 HLA-A|C1KJL4 OR1M1|Q8NGA1
 4500 EIF4G2|H0YCF8 HLA-A|F6IQY7
 4501 ANGPTL1|O95841 MAPK14|A0A024RD15
 4502 ND1|H9MJW2 MLH1|H0Y5L7
 4503 ND1|A0A059RLV7 ZNF561|Q8N587
 4504 HLA-C|E0YTL4 TUBG1|K7EIS0
 4505 ERAP1|A0A075BW43 ND4L|I7H6J7
 4506 RHCE|A0A078BQE0 ND2|A0A059RPY2
 4507 SEC61G|P60059 ALPK1|Q96QP1
 4508 ADRBK1|P25098 ACACA|B2ZZ90
 4509 NAV1|Q8NEY1 TSC1|X5D9D2
 4510 HLA-A|I0BW57 ATP6|V5JGY5
 4511 ABCG5|E5RFY8 CYP21A2|C7DTY1
 4512 DHX36|H7C514 SGTB|Q96EQ0
 4513 PIK3R5|X6R3K3 HLA-C|D6MJJ6
 4514 KPNA1|C9JYI4 CBX2|Q14781
 4515 APOC4|P55056 EPHB6|J3KQU5
 4516 MAST4|O15021 HLA-C|J7K463
 4517 UCC1|A4D1W8 ELP4|Q96EB1
 4518 ABCC8|H0YDH8 RABL2B|F2Z3J7
 4519 WNT5A|A0A024R316 ECT2L|Q008S8
 4520 CTAG1A|P78358 ABHD9|A0A024R7F3
 4521 SFXN2|R4GMR9 HDAC2|E5RJ04
 4522 MTCH1|A0A024RD08 TFAP2C|Q92754
 4523 HLA-C|F8SHX6 MYO1G|B0I1T2
 4524 SLIT1|Q5T0V0 UPP1|Q16831
 4525 NUDT22|Q9BRQ3 DUX4|E0Z3E8
 4526 GK|F8WC39 RHCE|G0TQY4
 4527 ND5|H9RLB8 ZNF235|K7ES94
 4528 STK24|H0Y630 ND3|A0A059RPW7
 4529 HLA-DPB1|A0A0A7C9C4 BMI1|P35226
 4530 CNR1|F8W187 CCT3|E9PQ35
 4531 HLA-Cw|Q5ZGL9 SOD2|P04179
 4532 PPP2R3B|Q96FD8 C12orf4|Q9NQ89
 4533 HLA-DR15|D5M899 SOD1|X5CN18
 4534 WARS|G3V339 HLA-A|I6MHF4
 4535 HLA-Cw|Q9TQ34 HLA-C|G1EQF2
 4536 RANBP17|Q9H2T7 WRN|Q14191
 4537 Cw*08|O19553 CNIH2|Q6PI25
 4538 HS6ST3|Q8IZP7 MAX|A0A024R682
 4539 HLA-C|D7NQY2 DBN1|D6RFI1
 4540 IL1F10|Q8WWZ1 TTN|A0A0A0MRA3
 4541 RHOA|A0A0B6XK12 HLA-A|C6K4H6
 4542 HLA-C|G1EQ38 NCALD|E5RJT1
 4543 DKFZp781P1017|Q68DN7 HLA-DRB1|A0A0A0WGJ3
 4544 ATP6|A0A0A0QMI3 CYTB|L7XWY6
 4545 FAM62A|A0A024RB16 SYBL1|A0A024R061
 4546 LETM1|D3DVQ1 CASZ1|Q86V15
 4547 DKFZp68602462|Q5HYM2 OSMR|Q99650
 4548 IDH3A|H0YM64 CTNNA1|E5RGG4
 4549 GMPR2|H0YN74 HLA-DRB5|A0A024F8S6
 4550 LARS|A0A087WXY1 FES|Q4JFK7
 4551 IMP4|Q96G21 ND6|E5E1V9
 4552 PPP1R7|Q15435 CASQ2|O14958
 4553 HLA-C|Q0MT77 BIRC2|H0YDY3
 4554 PRDX1|A0A0A0MSI0 DLD|F2Z2E3
 4555 RUNX1T1|W8FP57 UFD1L|Q92890
 4556 NAT9|J3QQR6 MOK|E5RFX9

4557 COPS7A|Q9UBW8 LOC133308|A0A024RDJ7
 4558 NPFFR2|Q9Y5X5 DUT|H0YNJ9
 4559 AMPD3|H0YDY8 CLTC|J3KS13
 4560 FGF17|O60258 CYTB|G9LJF4
 4561 HEL-S-70p|V9HWH7 RAP1GAP|P47736
 4562 ARL5B|B0YIW9 SFRS15|Q0P607
 4563 GLIS3|Q1PHK4 ARHGEF7|E7EUY6
 4564 NAA60|I3L2B4 HLA-A|S5CJX5
 4565 MTHFD1|F5H2F4 FKBP1A|Q5W0X3
 4566 OVOL1|O14753 AMPD2|H0Y360
 4567 MAPK4|K7ELV1 TRPV2|H7BZK2
 4568 IGL@|Q6PIK1 KCNK2|U3N6F0
 4569 SLC24A1|O60721 ACOT8|H7C5A7
 4570 EYA1|A0A024R813 HBA1|E9M4D4
 4571 MAFB|Q9Y5Q3 GNB2L1|P63244
 4572 DKFZp686P0776|Q68DX6 GPX3|P22352
 4573 SLC34A1|Q86VN6 COX2|H9RJM6
 4574 C5orf60|A6NFR6 MAPK3|Q9BWJ1
 4575 CASP4|P49662 MC1R|Q6UR92
 4576 ACYP1|G3V2U7 STIM1|E9PRE4
 4577 PLP2|Q04941 CHURC1|A0A0C4DGJ7
 4578 MAP3K2|Q9Y2U5 PDP2|Q9P2J9
 4579 HLA-DRB1|G9HRM4 KLRB1|Q12918
 4580 METTL5|H7C0M7 PCDHA4|Q9UN74
 4581 ECSCR|Q19T08 CREBBP|B5A212
 4582 E4F1|Q66K89 hCG_20123|A0A024R2V1
 4583 RBL1|P28749 HLA-C|J7F4Z4
 4584 USHBP1|Q8N6Y0 DUX4L4|P0CJ87
 4585 F8|Q003V8 ME1|P48163
 4586 FAM193B|Q96PV7 COX5A|H3BRI0
 4587 CYP2B6|P20813 LPHN1|A0PJG2
 4588 HLA-A|F8R122 HLA-B|A0A0A1GK28
 4589 cytb|B2XF03 SYT6|V9GY33
 4590 GGA2|H3BMN6 hCG_2026222|A0A024R6Z5
 4591 CACNA1S|Q13698 RLIM|Q9NVW2
 4592 FHL2|Q14192 PPIE|E9PKY5
 4593 MGAT5|Q53SV8 DDX39B|A0A0A0MT12
 4594 ND2|D5K736 SNX6|G3V4Z5
 4595 FLJ00366|Q8NF36 RPGRIP1L|A0A087WX34
 4596 ND5|A4ZYN0 FERMT3|Q86UX7
 4597 TP53|L0EQX9 ALK|D1MAM2
 4598 FAM134C|K7ENZ6 CLCN6|Q5SNW4
 4599 ND4L|A0A059QPL2 SLMAP|H7C3M8
 4600 IDH3B|A0A087WZN1 ND2|B2YB74
 4601 HLA-C|M9P8S0 OR4A5|B9EIN5
 4602 MAP1B|Q86X89 HEL-S-298|V9HW32
 4603 GTPBP8|C9J8V5 HLA-C|I6SWA1
 4604 ALS2|H0Y696 NAA11|Q9BSU3
 4605 FMOD|Q06828 ND2|R9Y654
 4606 TMEM38B|H7C3B3 MOCS1|Q5TCE4
 4607 COX2|Q7Y6M3 SEC31A|O94979
 4608 ND5|A0A0A0PND4 MRPL18|A8K9D2
 4609 PGPEP1|Q05C87 ZCCHC7|Q05DN1
 4610 SYNE2|A0A0C4DGK3 ZNF821|H3BS68
 4611 ND1|A0A059RKC9 CCR5|J7HJP8
 4612 CNTN2|Q02246 DHRS4L2|D5KJA2
 4613 BORCS8-MEF2B|H3BNR1 APOB|C0JYY2
 4614 NRG1|Q7RTW3 HDAC1|B5BU61
 4615 DSEL|Q8IZU8 SH3GLB1|A0A087WW40
 4616 HLA-B|C7FDQ9 FKBP14|Q9NWM8
 4617 CHEK1|E9PJ14 ZNF232|Q9UNY5
 4618 ZNF415|Q09FC8 HLA-G|Q7JFN0
 4619 PFKFB2|A0A087X2H4 EFCAB3|E5RHB1
 4620 KLF1|Q13351 SLC4A4|A5JJ20
 4621 ABHD13|A0A024RDX1 ALDH3A2|C9JGJ2
 4622 ANAPC11|J3KSK3 SERPINA6|P08185
 4623 MGAT4C|F8VTY5 HLA-DRB1|A0A090KQC4
 4624 CCNE2|Q8WUE3 HLA-C|D2DKI1

4625 ND5|A1E1L3 CIPC|G3V5Y7
 4626 HEL-S-123m|V9HW26 ND5|Q9B2U1
 4627 FBXO11|E7EP88 CYTB|G4W3B8
 4628 COX1|L7XE69 cyclin|Q9H014
 4629 N-PAC|D3DUE6 ATP6|H9RQ86
 4630 NAA60|I3L1T4 C1orf216|Q8TAB5
 4631 UMPS|E9PFD2 IRF8|H3BVC2
 4632 EXOC3L1|H3BTH9 MYO1A|Q9UBC5
 4633 HLA-C|J9PVP1 UGT1A5|Q5QTD9
 4634 DNAJC16|Q9Y2G8 HLA-DPB1|D4IIJ3
 4635 HLA-C|V5L699 FKBP11|E9PAR0
 4636 SLC7A5|Q01650 PIGC|Q92535
 4637 ZNF154|A0A024R4Q0 CIRBP|K7EJV5
 4638 JMJD2B|B7ZM63 MAP3K9|G3V4P9
 4639 ND3|E9LAD9 HLA-C|F2VNU3
 4640 ICA1L|C9J5Z0 KIF5B-RET(NM_020975)_K15;R12|M1VRN0
 4641 CATSPER4|Q7RTX7 HLA-A|Q6F3E3
 4642 DQA1-0103|Q30062 HLA-DQB1|Q7YQ08
 4643 GRIK2|H7C2P5 EHF|E9PQX0
 4644 PSMD5|Q16401 ND1|Q4F6A5
 4645 RPL26|J3KSS0 SLC35B1|D6RG34
 4646 ZNF550|M0QWZ8 c371H6.2|Q9NUF9
 4647 RABL2A|F2Z2E5 LMCD1|Q9NZU5
 4648 ZNF140|P52738 RPS7|P62081
 4649 RCL1|Q9Y2P8 OR5B3|Q8NH48
 4650 PNLIPRP1|E7EX42 SPTBN1|D6W5C0
 4651 IRF6|O14896 PYCR1|J3QRZ0
 4652 GYS2|A0A024RAU5 RELA|E9PN69
 4653 TOM1L1|I3L0N2 EPHA1|P21709
 4654 AKAP8L|M0R008 NAMPT|A0A0C4DFS8
 4655 HLA-B|A0A060DAH3 RHD|Q70HW2
 4656 TRIAP1|O43715 FCH01|M0R1K4
 4657 ND4L|A0A075XDQ3 GPR176|Q14439
 4658 CD37|P11049 ZNF366|Q8N895
 4659 RAX2|Q96IS3 OMG|P23515
 4660 TSPY10|F2Z2I4 ESR1|C0L927
 4661 ANAPC15|F5H2T3 TOP2B|E9PCY5
 4662 HGS|I3L165 ATXN3|D3VVK3
 4663 PARP9|Q8IXQ6 NR3C1|Q3MSN4
 4664 ACSS3|H0YII9 ATP6|G9LI16
 4665 GYPA|P02724 HLA-B|D7NPP0
 4666 LIPT1|C9JU05 COQ2|E7EPM7
 4667 TNFAIP3|D3TTY5 STAR|H0YB94
 4668 ZCCHC7|Q8N3Z6 CCR5|Q5KSY4
 4669 ZNF610|Q8N9Z0 CDH19|Q9H159
 4670 PRKAR2A|P13861 KDM4B|A0A0C4DFL8
 4671 PTPN13|D6R9M4 SULT2A1|Q06520
 4672 STAT4|E9PBE2 HLA-A|F8R8H7
 4673 RALGAPA1|Q6GYQ0 ND6|X2C0V5
 4674 HELQ|E3W982 COA6|X6R5Z6
 4675 ND5|A0A059RD49 AADAT|Q8N5Z0
 4676 PARK2|Q6S8G7 HLA-C|E0WN43
 4677 SLC40A1|Q9NP59 ND5|U3L4U4
 4678 FGF12|C9JUK8 MED9|Q9NWA0
 4679 PSD3|E5RJ29 DDX10|Q13206
 4680 KPNA2|Q6NVW7 RLTPR|Q6F5E8
 4681 HLA-C|M9P9W2 RAB27A|A2RU94
 4682 ECI2|F8WAW4 CTSL|Q9HBQ7
 4683 ND3|A0A059QRF5 TCP1|F5H282
 4684 JUND|U3KPR5 TSGA10|F8WA32
 4685 TLR2|D2JYJ1 RHD|I0CKG6
 4686 ACOX1|K7ENF1 DKFZp781H1925|Q68DI6
 4687 GNA01|Q8N6I9 HLA-C|F2VYK7
 4688 CYTB|D1MLZ8 PSMA6|G3V4S5
 4689 F8|A0A2G2 CARD16|E9PQW1
 4690 RHCE|B6ZCG1 AMPD1|Q6F4B8
 4691 EPB41L1|A0A0C4DH22 ND5|K7WG69
 4692 CENPW|A0A0A0MRK5 YBX1|H0Y449

4693 hCG_18830|A0A024RDL4 ZNF529|A0A0C4DFR4
 4694 ALK|B6D4Y1 DEFB132|Q7Z7B7
 4695 RPS4Y1|Q496E4 ND4|E2CZ45
 4696 ND1|E7CNA0 GFER|H3BRD2
 4697 ZNF214|B7ZMB1 ITGB3|F1C630
 4698 HLA-B|A0A0A7C904 OR51G1|Q8NGK1
 4699 PRRX2|Q99811 SRSF5|Q13243
 4700 DKFZp547C195|A0A024R3D4 ANKMY1|Q6GPI0
 4701 DKFZp781K2028|Q7Z3L2 PCMT1|F8WAX2
 4702 VPS39|Q96JC1 PLEC|E9PKG0
 4703 UMODL1|H0Y3S4 MCPH1|Q6W795
 4704 TP53|L0EQE2 TFAP2B|X6R4Y8
 4705 PRB1|A5D903 COPZ2|J3QS21
 4706 cytb|B9EFL3 RNF149|F8WCD0
 4707 ENO2|P09104 ND2|A0A059RBA8
 4708 ND2|M4QID2 DKFZp686D1354|Q6MZT2
 4709 BARD1|Q99728 UGT1A5|Q5QTE1
 4710 ECM1|Q16610 CTSB|A0A024R374
 4711 ZNF684|Q5T5D8 ZNF420|K7ESJ1
 4712 ABCA7|E9PKG5 SLC03A1|G3V2B7
 4713 LDLRAP1|Q5SW96 TP0|P07202
 4714 RASGRP3|C9JWP0 C11orf87|Q6NUJ2
 4715 QRICH1|C9JAL2 MSH2|Q6VBB7
 4716 UNQ9391|Q6P2N5 SCAMP5|H3BP89
 4717 EMR3|A1L1B9 AP1M1|A0A024R7K8
 4718 TNP2|Q05952 CHPT1|Q8WUD6
 4719 TAF6|P49848 ACAA1|F2Z3P7
 4720 XRCC4|Q13426 TARSL2|H0YKB9
 4721 ZNF808|C9IZE3 PCTP|J3QT99
 4722 HRH3|Q8WXZ9 BRCA1|E7EUM2
 4723 HNRNPCL1|O60812 CYTB|X5BDD6
 4724 cytb|T2HMI4 HLA-C|A0A0A7C8P8
 4725 DLAT|H0YDD4 SRGAP1|G5EA48
 4726 RCOR3|E9PQE5 CCT7|B7Z1C9
 4727 RASSF8|F5H7J1 IFT74|Q96LB3
 4728 HBB|Q4TZM4 NADK2|D6RHI4
 4729 EPRS|V9GYZ6 HLA-C|A0A0A7C4T9
 4730 HLA-C|V5L699 HLA-A|D3U478
 4731 FAR1|E9PNW8 PTGIR|A0A0B4J2A7
 4732 PCDHB15|Q9Y5E8 ATP6|Q6RRX7
 4733 CLDN12|A8MX62 MTHFD1|F5H2F4
 4734 CACNB4|E7EN11 ND4L|A4ZN05
 4735 SULT6B1|A0A0C4DG03 ZFP1|Q6P2D0
 4736 AMPD2|E9PJF6 GGT1|E7ETU4
 4737 CABP1|C9J8G2 HLA-C|M9P9B4
 4738 TNFRSF10A|F8U8C0 SAR1B|D6RD69
 4739 NANOGP8|J7H412 EFCAB2|Q5VUJ9
 4740 COX1|A0A059RKC0 LARP4B|Q92615
 4741 HLA-DPB1|H0Y7G7 mdm2|A7UKY0
 4742 CYTB|V9M6Y9 CHDH|C9J7D8
 4743 PITX1|H0YJC8 ZNF331|E7ETJ5
 4744 RAB13|Q504R6 AK9|E9PPM3
 4745 SMPD4|H7C2J2 RIT1|V9GY29
 4746 HLA-DQB1|A0A0A7CA91 E2F4|A0A024R6W7
 4747 MTSS1|E5RJX3 ATXN3|D3VVM5
 4748 HLA-C|F2VNU1 COX3|B2XNQ1
 4749 ND5|A0A023Q8X7 IDH3G|Q2Q9S4
 4750 ND5|A4ZLE0 RHCE|Q5NDM5
 4751 LSMD1|Q9BRA0 ZNF544|A0A024R4T6
 4752 HLA-G|O02928 PC|P11498
 4753 CD36|E9PLT1 NDUFS4|H0Y9M8
 4754 HLA-A|Q9GJ42 COX2|H9PWQ9
 4755 TDP1|G3V4W8 TLR10|D1CS29
 4756 ARSE|F5H324 SHROOM3|Q8TF72
 4757 KLF16|A0A087WWX5 ND6|Q7YEG7
 4758 FADS1|O60427 SCP2D1|Q9UJQ7
 4759 KAT5|E9PJI1 SLC01A2|C9JG34
 4760 TNFAIP3|D3TTY6 KEAP1|K7EPZ3

4761	CIPC G3V405	KIF3A J3KPF9
4762	RABEP2 H3BNR8	KIF7 B7ZKY4
4763	USP9X Q6P468	RHD U6Q0X6
4764	ZNF3 Q86U76	CSDE1 A0A024R0K2
4765	HLA-C J7K4S6	VDR F8VRJ4
4766	RAB6B C9JU14	ATP6 H9RKF1
4767	SEPT6 B1AMS2	MATN3 O15232
4768	SOS1 Q07889	HLA-C D7NNW5
4769	CRABP1 P29762	EIF3G K7ENA8
4770	TCF15 A4LBB6	VWA2 Q5GFL6
4771	HLA-B M9P9C4	STK39 X5D2U3
4772	NDRG1 E7ESM1	CYP4A11 Q02928
4773	TSC2 P49815	FAAP24 Q9BTP7
4774	AMPD1 Q6F4B9	ALKBH3 E9PRD0
4775	CYTB A0A0A0PRZ8	CD164 Q04900
4776	DPH5 Q96DC6	PIM2 Q9P1W9
4777	SLC25A3 A0A024RBE8	HLA-B G3D6I7
4778	ICA1 E9PDL4	GNRHR P30968
4779	INPP1 C9J128	ND1 G9LCS8
4780	IST1 F5GXM3	ND2 X5C6K8
4781	ZNF93 Q6NS90	RHOA C9JNR4
4782	COPG2 Q9UBF2	DOK2 E5RIG9
4783	IMPAD1 H0YB38	DHX30 Q7L2E3
4784	AKR1D1 C4PL36	APOL1 U5LKN0
4785	DHFR B4DM58	HLA-C E2D5R4
4786	ARHGEF9 A0A096LNK4	HSP90AA1 P07900
4787	DIO3 P55073	TRP7 Q8WWL3
4788	THAP3 Q8WTV1	HEL23 V9HWA7
4789	HLA-B D5FHZ1	CENPI Q5JX02
4790	USP15 Q2NL66	ATP6 Q4F5F1
4791	COX1 Q0Z7K4	GLUD1 Q14400
4792	ST6GALNAC1 Q8TBJ6	CYTH1 K7ERV8
4793	C2CD5 Q86YS7	COI U3M9Q9
4794	COX3 C8Y5S3	ATP6 Q4VGD2
4795	CDH18 H0YAK3	SLC4A7 H7C3C4
4796	ELL2 O00472	UTY F4MHP7
4797	CUTA C9IZQ5	COL11A1 D3DT72
4798	TGFB1 P01137	GCK M4PS83
4799	ASB2 Q96Q27	CD1D P15813
4800	CXXC4 Q9H2H0	HLA-C Q3KT81
4801	DHX34 Q14147	NPEPPS E9PP11
4802	ABC85 H7C165	TOM1 F8WE29
4803	APOOL Q6UXV4	KCNK9 A0A024R9H3
4804	ND2 H9E7T1	GAS2L3 F8VSB7
4805	CYTH1 K7EKA2	ACTR3C C9IZN3
4806	HLA-DQB1 A0A0A7C8C0	FXYD5 Q96DB9
4807	CDON H0YCY4	CYTB A0A023QRE4
4808	HLA-B G1ENI6	EML2 K7ERR2
4809	TAS2R14 Q9NYV8	COX1 H9SAN8
4810	BAZ2B Q9UIF8	UGT1A10 Q5DT02
4811	ALDH3A2 I3L0X1	UGT1A5 Q5QTE2
4812	ATP8 F2WHR5	URLC6 A0A0A8K9B1
4813	HSPB3 Q12988	RAB5C F8VSF8
4814	ZNF324B M0R0B1	HLA-C E0X614
4815	RNF138 J3KSI2	TUBB6 K7ESQ3
4816	HLA-B E5DCN6	LBH B5MBX5
4817	HLA-C F8R1C5	HLA-C F5A4J5
4818	SLC25A42 Q86VD7	PDZGEF1 Q4W5Q4
4819	HLA-A U5YBT3	OSBPL1A B7ZLX8
4820	ZNF705G A8MUZ8	ZNF263 D3DUC1
4821	COX2 H9RAX1	DKFZp779K1333 Q68DJ8
4822	SEC61A2 A6NIF9	HNRNPM P52272
4823	ACP2 E9PQY3	DNAJB1 M0QZD0
4824	UBE4A B7Z7P0	SQSTM1 E9PFW8
4825	ARFIP1 P53367	GPR42 O15529
4826	NLN H0YAK4	COI A1XP63
4827	PPIC P45877	NAT9 Q9BTE0
4828	ADNP Q6DHZ8	ATP6 E9NA19

4829 DHRSX|Q8N5I4 HLA-DRB1|Q8HWN3
 4830 TEX30|A0A0C4DFW4 RHD|B2ZGP8
 4831 OR5H15|A6NDH6 NAV1|Q8NEY1
 4832 OSTC|Q9NRP0 FM01|Q5QPT3
 4833 RICS|Q86UT2 ND2|C9D4Z3
 4834 NANOGP1|Q8N7R0 PXK|F8WDF7
 4835 RUNX1|Q01196 HLA-A|A0A0A7C701
 4836 RHD|D2CRH1 SLC25A22|E9PQ36
 4837 RGS12|O14924 ZNF430|Q2NKJ9
 4838 GPD1L|Q8N335 SNRNP35|Q16560
 4839 HLA-C|G1EQ76 ZNF691|Q5VV50
 4840 BACE1|P56817 UBN1|Q9NPG3
 4841 PFKL|Q7L2M7 ATG4A|F8W7J2
 4842 COX3|H9SGF7 MBL2|B1PN75
 4843 PTPRS|Q13332 SLC26A6|F8W9I8
 4844 USP40|Q9NVE5 PRPF38A|Q8NAV1
 4845 ND2|A0A059RSB5 QARS|P47897
 4846 GNG4|P50150 TRMT10A|Q8TBZ6
 4847 CYTB|F1AZM6 XPOT|O43592
 4848 MTFR1|Q15390 PCBP4|A0A024R320
 4849 EPHA6|Q9UF33 CYP2E1|P05181
 4850 MRPL37|A6NHR2 UTY|F4MHK4
 4851 DSCAM|Q8WY19 HLA-C|U5YEZ6
 4852 GMFG|M0QYG8 NRXN3|G3V4R9
 4853 IAH1|Q2TAA2 DPYSL5|Q53T73
 4854 SLC25A47|Q6Q0C1 KIF13A|Q9H1H9
 4855 CYFIP2|Q96F07 WNT2|P09544
 4856 MKL2|I3L2S3 PLEKHM1P|Q69YJ1
 4857 MAPK3|Q9BWJ1 PRELP|Q6FHG6
 4858 ST6GALNAC6|A0A024R8C6 CYTB|A0A023Q6G1
 4859 ESX1|A6ZIU4 SRSF9|Q13242
 4860 FKBP1A|Q0VDC6 HLA-F|Q6DU20
 4861 HLA-C|J7JWN4 NUSAP1|H0YKA7
 4862 ND1|A0A023QST8 AQP6|F8VW87
 4863 SAA2|G3V1D9 GINS1|Q14691
 4864 OR5R1|Q8NH85 SRY|Q6J4J1
 4865 LRRCC1|Q9C099 NR1i2|F1D8P9
 4866 MPDZ|O75970 SSH1|F8W1D9
 4867 HLA-DQB1|A0A0A7C867 DHRS13|Q6UX07
 4868 AP4E1|Q9UPM8 ND5|A0A023I7Z4
 4869 RFC4|C9JXZ7 SGK494|E9PPC7
 4870 C17orf59|Q96GS4 ATP6|H9SR23
 4871 NDUFB4|F2Z3P9 ICAM2|Q6FHE2
 4872 MUC13|Q9H3R2 IMPA1|E5RIP7
 4873 HLA-DRB1|K7ZK48 ASB2|A0A024R6E7
 4874 SLC01B3|Q0VGL9 ND5|Q4EVS0
 4875 PTK2|B4DWJ1 ATG7|H7C2J8
 4876 MNAT1|A0A024R688 CYTB|Q5SA63
 4877 EIF3G|K7EL60 ND4|A0A023QTW4
 4878 PUS1|G8JLB3 PDK4|A4D1H4
 4879 KLF3|A0A024R9T8 ZFPM2|E7ET52
 4880 AGBL2|Q5U5Z8 ILF3|K7EQR9
 4881 ATP8B3|K7EJ52 ITGB2|A0A024DAE5
 4882 MARK3|H0YIY6 PSEN1|E7ES96
 4883 MKL2|I3L2S3 MGAT1|D6RAK2
 4884 HLA-C|E0X9M0 ATP8|A0A059S4M9
 4885 KIF27|F2Z355 HLA-Cw|Q1G4N9
 4886 ATP6|A0A059RXE0 ND4|H9NQH2
 4887 ENTPD6|H0Y473 HLA-C|I7GVS4
 4888 MYC|B3CJ87 PASD1|Q8IV76
 4889 POPDC2|Q9HBU9 ATP8B2|Q6P3T1
 4890 ATP6|Q8WCV8 COX3|Q6VH99
 4891 HLA-DR15|G1EMY0 PHF6|Q8IWS0
 4892 POLR2K|A0A024R9G0 DDX46|A0A0C4DG89
 4893 CYTB|C7SK69 MAST4|D6RAK1
 4894 CALB1|E5RG14 CHTF8|H3BPP1
 4895 SCLY|H7C1S7 SKA2|J3KSP0
 4896 PTEN2|O14781 NXNL2|A0A087WXA5

4897 SYK|P43405 ATP6|U5YV11
 4898 TRAPPC4|E9PKS9 HLA-A|A0A0A7C516
 4899 ABCB5|H7C165 P2RX3|A0A087X210
 4900 PLA2G12A|D6RBP5 HLA-A|E2GJD7
 4901 RHD|E7BAS4 COX2|E7CM18
 4902 TP53|L0EQJ1 ZXDA|P98168
 4903 AP2S1|P53680 TLL2|Q9Y6L7
 4904 RPIA|P49247 MYC|B3CJB1
 4905 CROP|Q86Y74 FRMPD2L2|B7ZML6
 4906 ZYX|C9JJK5 DNM1L|H0YI79
 4907 ZNF544|A0A024R4T6 COX3|H9NYK3
 4908 ND1|A0A0C5BA16 HLA-C|A0A0A7C5R0
 4909 RSPRY1|Q96DX4 ND3|Q7YCF1
 4910 FBXO21|A0A024RBL8 SOCS2|A0A024RBD2
 4911 RHD|J7ILZ7 ND5|B2XKN1
 4912 ITS2|Q53TM3 GJA8|A0A097IW94
 4913 AGPAT2|Q8WUW2 KLC1|B5BU63
 4914 CYTB|Q7YEH0 DBR1|F8WAY1
 4915 HLA-DQB1|G1EMV5 EGLN1|R4RYZ7
 4916 GPCR|Q8TDT4 FGFR3|P22607
 4917 LAMTOR1|F5H479 PRPS2|P11908
 4918 ND1|C7AAW5 COX2|F2WGV2
 4919 ACE|A0A0A0MSN4 PSMA5|P28066
 4920 CLTCL1|A0A087WX41 QSOX1|O00391
 4921 ARHGAP42|A6NI28 FABP3|Q6IBD7
 4922 SLC25A22|E9PI74 ND2|B2YB74
 4923 PAK7|Q8TB93 PRB1|A5D903
 4924 PIK3CB|F8WDJ8 GLB1|E7EQ29
 4925 ND4|Q8WCY0 TRMT1|K7EJX9
 4926 CNTN3|Q9P232 ND5|Q7YCG8
 4927 KIF20A|D6RBN1 PPP1R1B|J3KSJ8
 4928 CNOT2|H0YHT6 UTP14C|Q5TAP6
 4929 CCR5|H9MHP9 BRSK1|K7EN26
 4930 SPTB|A0A024R674 HLA-C|F4YU77
 4931 PRMT7|A0A024R726 MMACHC|Q9Y4U1
 4932 HLA-C|V5L6E3 HLA-DRB1|A0A090KJ16
 4933 NUP93|H3BMX0 ULK4|Q96C45
 4934 TBCD|Q9BTW9 BAZ2A|A0A0C4DGI9
 4935 EIF4A2|E7EQG2 MCM5|P33992
 4936 OR7G2|Q8NG99 THY1|P04216
 4937 CCBL2|Q6YP21 KRTAP24-1|Q3LI83
 4938 RNF182|A0A024QZW5 UTY|F4MHP6
 4939 MSX1|E9KY01 BCD02|B0YIX7
 4940 ALG9|A0A087WTZ3 LOC221143|A0A024RDN3
 4941 FGFR1|E9PNM3 ZNF575|B3KQ07
 4942 FOXD4L4|Q8WXT5 MYL7|H7C3E3
 4943 VAV3|H0YDG2 DKFZp686E1893|Q5HYL4
 4944 HLA-C|G9I2N8 ANO9|A1A5B4
 4945 MICA|Q96QC4 PSD4|A0A024R521
 4946 PDCD2|F5H4V9 GPC6|A0A087WT82
 4947 HLA-Cw|E5G0Z0 ZBTB49|H0YAD4
 4948 SYT6|V9GYC4 NECTIN2|K7EKE8
 4949 AURKA|O14965 HLA-A|A6H583
 4950 MSX1|E9KXW5 RAB19|C9JJQ5
 4951 LAMTOR5|O43504 NADH5|Q4GI57
 4952 ND2|G3C9V6 IBSP|A0A024RDE4
 4953 CKB|P12277 C16orf87|Q6PH81
 4954 SLC35D1|Q9NTN3 PTPA|B7ZBP9
 4955 CFTR|A0A060KPS6 ESYT1|Q9BSJ8
 4956 ND1|I3PXI6 NOTCH4|B2RTR4
 4957 ATP6|V9JF96 EPHX1|R4SBI6
 4958 GLP2R|E9PC86 ZNF559|K7EM21
 4959 TCEB3CL2|A6NLF2 SLX4|Q8IY92
 4960 TEC|D6RB75 HLA-C|A0A0A7C6D9
 4961 COX3|S4T6M3 RAD51B|A0A0A0MS18
 4962 ND2|E5DZN2 AGPS|Q53SN7
 4963 SARDH|Q9UL10 LASS3|A0A024RC91
 4964 SEBOX|Q9HB31 ELM01|C9JIW2

4965 USP50|A0A087X0L6 GNB1|F6UT28
 4966 DDX52|Q9Y2R4 RHD|Q5DVQ1
 4967 GABRA1|E5RHL6 COLEC12|Q5KU26
 4968 ENDOV|I3L4V7 ZNF572|Q7Z3I7
 4969 HLA-C|F8R8L9 HHAT|F5H2Y1
 4970 CCK|P06307 HLA-C|D6MJI6
 4971 LPAR5|Q9H1C0 TFF3|A0A0A6YYJ4
 4972 IL5RA|C9J6C4 DMRTC1|A6QRF2
 4973 ZFAT|E9PBN4 UNC13A|Q9UPW8
 4974 SOD1|H7BYH4 ND2|G3FGM6
 4975 TOR1A|B4DGM9 ND5|V9N4K8
 4976 HDAC2|H3BM24 PSMG4|D6REN3
 4977 ABCC4|O15439 SPTLC3|Q9NUV7
 4978 ACTR1B|P42025 RHCE|Q2A684
 4979 CDH2|C9J8J8 CPEB1|A0A087WVR7
 4980 EIF4G1|C9JF13 SMC6|C9JEF0
 4981 TAS2R5|A4D1U0 HBB|Q6J1Z7
 4982 RAD50|H7C0P8 RHD|A9P3T2
 4983 ADAM20|O43506 DDR1|A2ABM8
 4984 CYTB|Q6VHB3 RPS24|A0A087WUS0
 4985 CREA7-4|Q5DTC5 HTRA2|B2BKJ3
 4986 SLC22A2|O15244 KRT80|Q6KB66
 4987 CRB2|Q5IJ48 USP17L21|D6R901
 4988 APLF|Q8IW19 TLR5|O60602
 4989 CACNA1B|Q9HBI4 SACM1L|E9PGZ4
 4990 CA1|P00915 CYP19A1|H0YLS2
 4991 IL22|Q9GZX6 ZNF70|Q9UC06
 4992 ND5|U3L346 HLA-C|M9P9L1
 4993 FCGR2B|P31994 FAM101B|Q8N5W9
 4994 GHRHR|Q9HB44 EIF3G|Q6IAM0
 4995 FAM21C|Q9Y4E1 CCR5|A0A089H970
 4996 TTLL11|A0A087WU58 ERCC6|A0JP10
 4997 DCLK1|Q5VZY9 TDP1|E7EPD8
 4998 ATP6|Q4F3R6 DDX56|F8WEI3
 4999 HCN3|Q86WJ5 DKFZp434L0319|Q9NSQ6
 5000 FOXE3|A0A0B5INR4 COL8A1|P27658
 5001 RAB5B|F8VVZ0 CYTB|H9Q393
 5002 CNOT4|O95628 GBGT1|J7PW20
 5003 COX2|G5D8Q5 cytb|B2XMD0
 5004 R3HDM1|Q15032 ETF1|D6RCB3
 5005 HADHB|C9JEY0 SRY|Q52MX7
 5006 TATDN3|Q17R31 TCF20|Q9UGU0
 5007 ITGB4|Q2VP98 SLC39A5|Q6ZMH5
 5008 clone|Q7GHE2 MYO16|F8W883
 5009 ND1|Q0Z7F4 RFX3|P48380
 5010 HLA-C|S5DN76 CHST10|C9JCK7
 5011 ATXN3|G3V328 COX1|G5D862
 5012 ND1|Q7GMM1 CYTB|A0A059QM45
 5013 DOCK6|Q96HP0 ND2|A0A023QZJ5
 5014 RAB2B|Q9UL31 HLA-DQB1|I4EPJ5
 5015 ND6|F1B7E6 TLR9|B6CH46
 5016 QRFP|P83859 OR2A1|Q8NGT9
 5017 COX3|A0A023QW72 SPRY3|O43610
 5018 CANT1|K7EMT2 HLA-C|E3Q1I5
 5019 IRF2BPL|Q9H1B7 FLG|Q03838
 5020 CCL19|Q99731 CYP2D6|P10635
 5021 MEC2P2|D5L9I4 CYTB|A0A059QK23
 5022 PIM1|A0A024RD25 CYTB|X5DSC5
 5023 OAZ2|O95190 SLM01|Q96N28
 5024 ACAA1|B4DVF4 KRT33B|Q14525
 5025 CD109|Q6YHK3 KIF1C|O43896
 5026 POP7|C9JYM0 ATP2A2|H7C5W9
 5027 CHEK2|B7ZBF6 COX3|A0A059QSS8
 5028 SAMD11|I7G289 SULT4A1|A0A024R4X9
 5029 UBA1|Q5JRR9 HEL-S-84|V9HW95
 5030 YBX1|P67809 MTHFD2|P13995
 5031 UGT1A5|Q5QTE2 HLA-C|C6K4K7
 5032 SPSB1|A0A024R4G8 NTRK3|X5D2R1

5033 CYTH4|Q9UIA0 COX1|G3CA48
 5034 NCALD|E5RIG4 KIF12|R4GN27
 5035 CHRNB1|P11230 SELENOS|E9PN30
 5036 RAD17|D6RAW6 IMPACT|Q9P2X3
 5037 USP35|A2RRA6 SPRYD7|Q5W111
 5038 ERI3|F6UGJ8 COX1|L7XE69
 5039 NOP10|Q9NPE3 TTC1|Q99614
 5040 HNRPF|A0A024R7T3 CRYZL1|A6NND8
 5041 ND4|D6C1H9 CD1E|A2RRL5
 5042 PHKG2|J3KNN3 COX3|L7SJG0
 5043 COX3|F8V9Z2 SLC2A11|Q9BYW1
 5044 ATP6|W5VMK3 RHCE|O43811
 5045 ND1|F2WID2 BPNT1|F8VRY7
 5046 RHD|G8YY12 DNAL4|O96015
 5047 NUF2|Q9BZD4 ATCAY|Q86WG3
 5048 PPP2CA|P67775 RGS9|J3QL70
 5049 RAB3GAP2|Q9H2M9 HFE|Q30201
 5050 NMES1|Q9C002 VARS2|B7ZL25
 5051 NTRK2|Q8WXJ4 HEG1|H7C4K2
 5052 BLR1|A0N0R2 TREX1|C9J052
 5053 SLC25A6|Q6I9V5 ZNF20|P17024
 5054 cytb|Q4GHW4 SNX10|Q9Y5X0
 5055 AT3|Q8J001 ND2|U3LCV4
 5056 SKIV2L|A0A024RCU1 CUTC|Q9NTM9
 5057 RWDD3|Q9Y3V2 CORO1C|H0YHL7
 5058 KPNA1|C9J4U1 RLN2|P04090
 5059 HAPLN3|H3BTH8 SDR42E1|Q8WUS8
 5060 HuSAA1g|Q16782 GSTM3|P21266
 5061 TTC8|Q8TAM2 OR51A4|Q8NGJ6
 5062 GBF1|Q92538 COX3|A0A068BSM3
 5063 TTLL4|H7C1F7 CYTB|Q5SA37
 5064 CAPN3|C6EVS3 ATPase|B9EEV9
 5065 HLA-C|Q08GD3 HLA-C|C0KJV4
 5066 FHOD3|K7EKZ0 NAA30|J3KNC2
 5067 G6PD|Q0PHS3 RAB3GAP2|F8WDJ2
 5068 RBM4B|U3KQD5 HLA-DRB1|Q2PBC3
 5069 PTK7|H0Y8F1 A4GALT|Q7Z2I1
 5070 SH3YL1|Q96HL8 DNASE1|A0A089NFS3
 5071 CHST15|Q7LFX5 IKBKB|O14920
 5072 WDR76|Q9H967 HLA-A|Q8WMB7
 5073 ARRB2|I3L0V6 FKBP2|F5H0N4
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 5075 ND4|F2WFX0 BEND3|Q5T5X7
 5076 HNRNPF|P52597 CCKBR|E9PJ49
 5077 GJA9|P57773 HLA-A|E9LY14
 5078 ZNF667|K7ERY5 HVCN1|F8VPF7
 5079 ZNF582|K7EKI7 RQCD1|D5MQE1
 5080 RERE|A0A024R4E9 TAF9|Q16594
 5081 TOM1L1|I3NI44 SLC2A14|F5H7N2
 5082 COX3|W8DDQ7 C6orf224|B7ZL24
 5083 PTH1R|E7EWE7 HLA-A|U5YJM7
 5084 DNM3|E5RIK2 ZNF879|B4DU55
 5085 ALDOC|J3KSV6 AQP7|Q5T5M1
 5086 PRPSAP1|A0A024R8M4 FRS3|A0A0A0MSM8
 5087 HBB|Q9BWU5 ND6|D6R5P0
 5088 CAPN14|A8MX76 COX1|B2XEY0
 5089 ND2|A0A059RHX1 KRBOX4|C9J950
 5090 SCFD1|G3V4I1 MYO18B|A0A024R1E2
 5091 PSTPIP1|B4E1Z9 ND5|T1STG4
 5092 PIAS2|A0A024RC49 COX1|A0A059QZA3
 5093 ST1A5|Q1ET63 HLA-C|J7K4T0
 5094 AMPH|P49418 OR1D4|P47884
 5095 GAPVD1|A0A0A0MQV8 IQGAP1|A4QPBO
 5096 HLA-C|G1EQ39 AMY2B|P19961
 5097 ZNF165|P49910 DNAH11|U3KQN2
 5098 MSRB3|F5H199 CYTB|D1MLZ8
 5099 PALLD|D6RBH5 HLA-C|U5YEX7
 5100 ATP6|D7P9D3 HEL-S-25|V9HW40

5101	IRS1 W0KMC7	TP53 S5M706
5102	PHRF1 B7ZM66	ANKDD1B A6NHY2
5103	BCAP29 C9JP06	SRPK1 A0A024RCU9
5104	WWTR1 Q9GZV5	OR2W3 Q7Z3T1
5105	HLA-A D5FHQ9	CXXC1 K7EJR0
5106	VPS41 P49754	FAH H3BNP8
5107	SLC12A6 A0A024R9I5	HLA-C G9HW52
5108	RBM14 F8WDX3	LPAR2 K7ER68
5109	TMEM11 P17152	ZNF682 M0R067
5110	PPM1F Q6IPC0	BPTP-2 Q16343
5111	ND3 A0A059QJC1	PTPRS A8E4L7
5112	GAGE5 Q13069	ZFAND2A J3KQ25
5113	SNPH O15079	KIAA1161 Q6NSJ0
5114	ND2 U3LRT4	ND6 Q8HAZ5
5115	FADD Q6LCG1	HIPK2 A4D1R9
5116	RPL10 X5D7P1	CYTB A6ZH67
5117	DDX39B F6TRA5	TLR5 B9VJ72
5118	HLA-A W8NKP1	PHC2 B3KPJ4
5119	CANX D6RG29	HLA-G Q6B9Y6
5120	TP53 L0ES92	FTH1 Q6NS36
5121	TTC28 A0A087WW06	FKBP8 Q14318
5122	NT5E Q96B60	COX1 F2WI82
5123	COX1 A0A059QKK3	FTL B1Q387
5124	ACOX2 C9J0G0	ALDH1A3 A0A024RC95
5125	hCG_1999854 D3DX33	PAX6 B1B1I8
5126	C12orf43 Q96C57	A4GALT B0L3P6
5127	TOMM20 Q15388	CPT1C M0R115
5128	WNT6 Q9Y6F9	PIK3C3 K7EKH3
5129	SLC25A20 C9JPE1	APP L7XE61
5130	COL6A3 D9ZGF2	SCFD2 A0A087WUD7
5131	RPGRIP1L I3L1B5	COX3 H9Q589
5132	CYTB E5EWJ7	SLC8A2 M0R211
5133	TMEM41B Q5BJD5	MFSD10 D6RIZ4
5134	ABCA3 Q99758	HCRTR1 A6NMV7
5135	HLA-B Q2HPN1	SORBS2 H7BXR3
5136	ADAM8 Q14C66	SERPINB5 P36952
5137	MUT A0A024RD82	NFATC4 G3V4K1
5138	KIF1Bbeta Q4R9M7	ZNF138 P52744
5139	KYAT1 Q5T278	HLA-A U5YEP7
5140	NAIP Q13075	NOVA2 Q9UNW9
5141	HLA-A A0A0A7C735	KLC2 A8MX29
5142	KREMEN1 Q96MU8	ROB01 A0A0A0MSX4
5143	UGT2A3 D6RBL8	HLA-B D7GL16
5144	APOC4-APOC2 K7ER74	SLC26A2 H0YA38
5145	PPP2CB P62714	HLA-C E0WN44
5146	ATP6 A0A059RHL4	SLC35A2 P78381
5147	WFDC5 Q8TCV5	METTL6 Q8TCB7
5148	OR2M3 Q8NG83	ND3 V5JSN9
5149	JUNB Q5U079	CYP3A4 E7EVM8
5150	ZFX Q8NHZ1	SAP30BP J3KRR6
5151	PDIA5 H7C4F9	METTL7B Q6UX53
5152	HSPD1 A0A024R3X4	MED15 C9JM58
5153	HLA-C G1EQ84	SYNE2 A0A0C4DGK3
5154	FYTTD1 H9KVC1	CACNA1C F5GY28
5155	DKFZp564M2178 Q9NT61	FAM83B Q5T0W9
5156	ANKHD1 H0Y785	KIF3A C9J9X2
5157	MAOA Q49A63	PIF1 Q9Y645
5158	PGA4 P0DJ07	TRAF4 F6SA91
5159	ND2 Q6VIF8	NNT D6RHU2
5160	KARS H3BPV7	MDR3 I7C0V7
5161	HTR5A A4D2N2	TIEG2 Q53QU8
5162	ZNF276 A8K186	ATP8 Q7YEE7
5163	RHOC E9PN11	NABP2 Q9BQ15
5164	PRSS54 H3BNY0	DKFZp781I1140 Q7Z3L0
5165	ZSCAN31 Q96LW9	TXNRD1 E9PQI3
5166	DAPK3 O43293	NECAB2 Q7Z6G3
5167	MICA J9YLR7	ADAM17 B2RNB2
5168	MFN1 C9JXQ1	KLK11 Q9UBX7

5169 ATP8|A1DT13 TRAPPC1|I3L3V5
 5170 GIG18|Q2TU84 CCL11|Q6I9T4
 5171 ALDH6A1|A0A024R6G4 DMC1|B0QYE1
 5172 DKK4|Q9UBT3 CHAT|P28329
 5173 ELF3|P78545 OPRK1|E5RJI5
 5174 XPR1|Q9UBH6 BAD|F5GYS3
 5175 ZBTB12|Q9Y330 KCNH7|A0A087WZQ1
 5176 SARAF|H0YBH7 TMEM175|D6RAU7
 5177 CNPY4|Q8N129 C10orf28|Q96GU0
 5178 TMEM68|E5RJI9 ZNF302|Q9NR11
 5179 HLA-C|D6MJJ2 ABCA8|Q49AI9
 5180 HLA-C|Q9MYF9 NEK7|F8WAG2
 5181 CEP57L1|G3V140 DNASE1|P24855
 5182 KEL|Q09GN6 LBX2|Q6XYB7
 5183 SPTBN1|B4DIF8 CYTB|Q6RKX1
 5184 ND2|L7XP52 LMCD1|C9IYS1
 5185 CHRNA5|Q6EWN4 SLC44A2|Q8IWA5
 5186 KMT2A|H7C5W4 HLA-DRB5|A0A024F8R0
 5187 PROS1|Q1W147 RAB5C|F8VVK3
 5188 LBP|Q8TCF0 CAPN8|H0YEJ4
 5189 TBP|Q7Z6S4 CHRNA2|Q15822
 5190 MYH7B|Q5JW46 MBD1|Q9UIS9
 5191 PAOX|B0QZA9 NAP1L1|P55209
 5192 HLA-B|S4T6V5 NRP2|B7ZL68
 5193 APH1B|H0YLT0 DRG2|P55039
 5194 ANKDD1A|A0A0C4DGZ7 SMAD4|Q9BYG6
 5195 ND1|A6ZEK0 ATP6|E5E0C0
 5196 SLC9B2|A0A0C4DGB3 HLA-A|D7NNS2
 5197 ZMYM1|Q5SVZ7 PFKM|F8W1J8
 5198 HNF4G|Q7Z5U9 TAF1L|Q8IZX4
 5199 TTBK2|H3BTY5 LCE5A|Q5TCM9
 5200 COX1|A0A059RND8 MDH1B|B4DY40
 5201 ATP6|W8DBL0 SNAP91|E5RJY3
 5202 ZNF323|Q96QL1 DCLK2|Q8N568
 5203 ALK|B6D4Y7 TP53|L0EQJ1
 5204 MYO10|E9PCN3 NR4A1|H3BT85
 5205 PPEF1|A0A024RBZ9 HLA-DPB1|A0A0A7C9L0
 5206 ING1|A0A0C4DFW2 HEXA|H3BTD4
 5207 HLA-B|D3U3Z2 HLA-A|A3RKJ6
 5208 KRT9|K7EQQ3 HLA-A|A9YWM1
 5209 MICA|F5CIT5 DGKE|I3L112
 5210 PIWIL4|F5H116 DEUP1|A0A088AWP1
 5211 DEFA6|Q01524 MYH10|G1UI33
 5212 PRES|Q7Z7F4 ND4L|A0A059QE11
 5213 COX1|A0A059RR31 KDM4E|B2RXH2
 5214 CYP1A1|P04798 ACOX1|A0A024R8L7
 5215 PTH1R|Q03431 TPH1|B3VRX5
 5216 ORMDL3|A0A024R1W6 HLA-A|D6ML44
 5217 CYTB|W8DD17 TREM1|Q9NP99
 5218 SCRIB|Q14160 cytb|A0A0A7DR46
 5219 ASMT|X5D784 PCDHGA10|Q9Y5H3
 5220 RAPGEF4|H7BYQ0 SH3BP5|A0A024R2J3
 5221 MLPH|A0A024R492 HELB|F5H1I4
 5222 ARHGEF1|M0R3H5 HRG|P04196
 5223 GTF2I|P78347 PLEKHG2|Q9H7P9
 5224 SLC34A1|Q05BP0 TSPY8|P0CW00
 5225 ESR1|B6DU68 DNMT1|A0A024R7E3
 5226 HNRNPA1|F8W6I7 TRIM64C|A6NLI5
 5227 HLA-DRB1|Q9BCS7 CTNND1|A0A024R4Z0
 5228 HLA-B|A2TEM0 HLA-A|D6ML12
 5229 ZIK1|F5H435 HLA-DPB1|A0A0A7C8F4
 5230 EIF2B4|H7C2L8 FZD6|E5RGK8
 5231 FMOD|A0A024R971 TAF1D|E9PM59
 5232 ND1|C8YBG9 CARF|Q8N187
 5233 IBTK|Q9P2D0 ATP1B3|D3DNF9
 5234 CLK2|Q9BRG8 CCR5|A0A089H978
 5235 POU5F1|E9LR75 UGT1A1|W6JHY2
 5236 SRF|P11831 ZNF720|E9PMU6

5237	CTSB P07858	CREB1 Q5U0J5
5238	BNIP3 Q66K24	CCR5 H9MHP3
5239	E4F1 H3BUJ7	LGALS3BP K7ES75
5240	SLIT1 A6H8V1	DTX3 A0A0C4DGI8
5241	SLC6A2 H3BM11	PIGM Q9H3S5
5242	B4GALT7 D6RDJ8	HLA-A A1Z1D7
5243	CD3D P04234	MARS H0YI94
5244	PNMT A8MT87	BHLHE41 Q8TAT1
5245	ZCCHC9 A0A024RAL5	GNAL K7EQ80
5246	TMEM185A Q8NFB2	BCL2L1 Q07817
5247	NRAS P01111	CLEC12B Q2HXU8
5248	COX2 B5M7M0	SRY Q6J0W5
5249	UBXN6 Q9BZV1	GCSH Q53XL7
5250	CYTB A0SAT9	HLA-DQB1 A0A0A7C998
5251	SOX30 O94993	ZNF565 K7ESE2
5252	TMEM68 E5RHU1	ATM H0YDU7
5253	ND5 G5D8R2	HLA-C K7P5Q2
5254	NFKB1 D6RF93	ATP6 B2Z680
5255	hCG_1731871 A0A024R4F7	HLA-C C9E1I4
5256	NUCB2 E9PRQ3	HLA-Cw A8ILK2
5257	HLA-B F4NBP5	HLA-A A0A060VCY6
5258	COI U3M9R0	GMNN C9K0U5
5259	TLDC1 Q6P9B6	TMOD3 Q9NYL9
5260	ND5 A0A023I890	SRPK2 C9JWF7
5261	ATP6 E5E1S7	UGT2B4 D6RGY0
5262	PTPN22 E9PM87	ABL1 A0A024R8E2
5263	ZNF726 E9PLI7	PIK3C2G F5H7Y7
5264	MYC A0A024R9L7	ARHGAP27 Q6ZUM4
5265	GRIK1 E7EPZ0	SLC11A2 F8VR36
5266	MFSD7 Q6UXD7	CYTB H9QBC7
5267	MTFR1L Q9H019	VPS45 B7Z7G7
5268	ARHGAP19 Q14CB8	MICAL2 O94851
5269	SPATA18 E7EVV3	AOX1 C9J244
5270	CSH1 B1A4H2	CYTB A4ZLF5
5271	CHI3L2 E9PPX4	CALD1 Q05DR4
5272	PALM2 C9JZH4	CSAD E9PFW9
5273	ND2 C7B303	SOCS1 Q4JHT5
5274	MCPH1 Q6W788	VGLL4 F8W708
5275	ATXN3L Q9H3M9	IQUB Q8NA54
5276	TBPL1 P62380	LYPD1 Q8N2G4
5277	RAD51 Q9NZG9	LYRM4 Q9HD34
5278	ALDH1L1 C9JY00	G6PD P11413
5279	WDR45 C9J5L0	ALDH5A1 X5D8T4
5280	CALCOCO1 Q9P1Z2	REEP2 Q9BRK0
5281	MTHFSD Q2M296	COX3 A0A059R879
5282	UTY F4MH48	TRAF3 A0A024R6N1
5283	COX1 E5E215	COX1 A0A059R1N5
5284	SIDT2 E9PPN9	TNRC4 Q9BTF3
5285	HLA-C W0NT97	MIB2 D6RAZ0
5286	SLC32A1 Q9H598	SLC22A10 Q63ZE4
5287	ND2 A0A059RID5	hCG_2001537 A0A024RCQ5
5288	TREM2 Q5TCX1	COX3 B3DE35
5289	ERO1B Q5TAE8	ND2 A0A059QB50
5290	CLDN9 O95484	ATOH8 Q96SQ7
5291	USP13 H7C5J3	PPP3R1 P63098
5292	VSX2 A0A0C5GCB1	RCP9 A0A024RDL0
5293	HYAL2 Q12891	ND4 Q6VL53
5294	ICA1 Q9UDQ6	COX2 G3CA49
5295	BPIFB3 P59826	ND5 A0A059QKL2
5296	ATP6 Q8WCW5	PYCR1 J3QL23
5297	TP53 S5LJ49	HEL-S-4 V9HVX7
5298	HEL-S-153w V9HWF6	IFFO2 Q5TF58
5299	ATP6 U5YSN6	EPB41L1 Q4VXN1
5300	CYTB H9RQA6	VCL Q5JQ13
5301	TOMM7 Q9P0U1	ATP6 Q0VXH8
5302	ABR I3L2C0	GABBR2 O75899
5303	MAN2B2 Q4VC00	HLA-C J7F570
5304	PNISR Q8TF01	ND5 V9JTH7

5305 PTBP2|Q9UKA9 ND4|L7XNH9
 5306 HLA-A|F8R8H0 OR4K17|Q8NGC6
 5307 FOXA3|M0QZW5 IDH3A|H0YKD0
 5308 OGDH|E9PDF2 PIK3CD|O00329
 5309 JAZF1|F8WD35 ZBTB17|H7C1K8
 5310 LANCL1|Q6FHH6 EYA3|Q0P685
 5311 KLK7|A0A024R4H6 MEGF10|Q96KG7
 5312 USP17L20|D6RJB6 cytb|B9ECW4
 5313 DHX40|Q8IX18 GCK|M4PS72
 5314 UBAP1|Q9NZ09 EPB41L2|O43491
 5315 CDH1|B3GN61 CYTB|A0A0A0QNF4
 5316 SLC25A3|A0A024RBH9 ALKBH6|Q3KRA9
 5317 HLA-B|Q7JGR7 ERC2|O15083
 5318 SELP|Q6NUL9 HLA-A|A0A0A7C735
 5319 DKFZp434K0126|Q9NTC4 DKFZp586G1518|Q8NDP0
 5320 FAM13A|D6RFM4 RFWD3|Q6PCD5
 5321 ND1|A0A059QIL1 COX1|R9Y5G0
 5322 RAB6C|Q53S08 ND2|V9J9X6
 5323 AP2A2|E9PPY8 BCL11A|Q9H165
 5324 RUNX1|U5P039 MATN3|O15232
 5325 IMPG2|Q96RP4 WFDC8|Q8IUA0
 5326 CCNI|D6RH01 OGDHL|Q9ULD0
 5327 ATP6|B2XKS8 EGLN3|Q3T1B0
 5328 ABHD4|Q8TB40 HLA-DRB1|Q9GJG1
 5329 CLDN5|O00501 AWAT2|H0YAL0
 5330 CYTB|Q305N9 IPO5|H0Y8C6
 5331 hCG_30749|A0A024RDT2 HLA-DR15|D7NST2
 5332 NOL8|A0A0A0MSJ1 DHRS3|A0A087WTY3
 5333 TNIK|C9J338 hCG_1730823|D3DUU5
 5334 ND2|H9T686 TSPY3|P0CV98
 5335 F9|P00740 SYCP1|Q3MHC4
 5336 GALNT19|Q2L4S5 APOL2|J3KQL8
 5337 BABAM1|M0R3F4 C2orf62|Q7Z7H3
 5338 SLC14A1|J7FHA1 CYTB|E2FPA9
 5339 FAM21C|Q9Y4E1 GJA4|P35212
 5340 JOSD1|B0QY58 SEC11C|K7EJQ7
 5341 SLC46A2|Q9BY10 HLA-DR15|F1AQS4
 5342 ATP6|L7P4X9 ARHGAP4|Q6PJ34
 5343 HLA-C|F1AQQ5 PTER|Q96BW5
 5344 PCDHGC3|A0A087WYB5 ATOX1|E5RIM7
 5345 ACOX3|D6RJ89 ND5|I6QHH7
 5346 RAD9B|J3KPN7 SLC5A10|A0PJK1
 5347 HBD|B2M1S8 STON1|Q0VAG8
 5348 FDFT1|E9PJG4 HLA-C|R9QZ23
 5349 ZNF705A|J3KPU9 HLA-C|M9P956
 5350 Hosa(Adygei)-T2R4|Q50KX7 ZNF98|M0QZS3
 5351 SLC6A2|P23975 MCM10|Q7L590
 5352 HLA-DQB1|A0A0A7C8X2 TRIM67|Q6ZTA4
 5353 CACNG4|Q9UBN1 CLC|Q05315
 5354 ND2|V9JTH3 APH1A|Q96BI3
 5355 HLA-G|Q6DL87 AVIL|O75366
 5356 ATP6|Q8WCV8 RHD|Q9HCC3
 5357 CYP2D6|Q2XND3 ND5|G4W654
 5358 NIP7|Q9Y221 SLC26A6|H7BZ36
 5359 RAD9A|F5H492 UNQ9391|Q6P2N5
 5360 GBGT1|Q5T7U8 ND1|I3Q2F2
 5361 ARAP2|A7E2A5 RCN2|H0YL43
 5362 PCDHB3|Q9Y5E6 RKHD1|Q38IJ5
 5363 HLA|B1PQ33 WDR45|C9J7Q8
 5364 TLE3|Q04726 GHR|A0A087X0H5
 5365 MDM2|A0A0A8K986 ARHGAP27|E9PNT2
 5366 HLA-DPB1|K0PBH6 TRAM2|Q15035
 5367 ND1|Q5S948 PFDN1|O60925
 5368 BMP6|A1L1B5 SHISA9|B4DS77
 5369 TDRKH|Q9Y2W6 FAM214B|Q7L5A3
 5370 SAMD11|I7FC40 AP2B1|A0A087X253
 5371 LSR|Q86X29 MOC51|A0A024RD17
 5372 XPNPEP3|Q9NQH7 ND2|E7CMJ8

5373	CRLF3 Q8IUI8	EMP3 M0QXS0
5374	EIF4A1 J3KSZ0	C6orf174 A1L177
5375	PLG P00747	ACOT8 H7C5A7
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5377	USE1 Q9NZ43	HLA-C C7FDW1
5378	OR11G2 Q8NGC1	ZNF22 A0A024R7T4
5379	CCDC147 Q5T655	COX2 A0A059RIK5
5380	HLA-C J7K472	IER5 Q5VY09
5381	UGDH E7ER83	KLK3 Q96A30
5382	FUS H3BPE7	CCL8 P80075
5383	CFLAR M0R1A8	DES P17661
5384	HLA-A Q2L9H3	ND1 G9LFG5
5385	ZNF20 Q86XA2	CTSH A0A087X0D5
5386	GPR4 P46093	DNASE2 A0A024R7F4
5387	RCOR1 Q9UKL0	MT01 E5RFF7
5388	UGT3A1 Q6NUS8	DEFB126 Q9BYW3
5389	ETNPPL D6R9Y3	ATPAF1 H0YCA6
5390	ND1 J3RF78	MAP1LC3C Q9BXW4
5391	NUP93 H3BV11	CYTB H9P319
5392	ATPase Q4GK64	LAMA3 Q16787
5393	VANGL2 Q9ULK5	RPIA Q53R32
5394	OR13F1 Q8NGS4	RNF31 H0YMN0
5395	AQP4 Q6L7A0	MEGF10 Q96KG7
5396	DKFZp686A1965 Q68CU0	TCF12 Q99081
5397	NHEJ1 G5E9Q8	HLA-A D5FHM5
5398	SLC12A6 A7E2U9	GDPD4 Q6W3E5
5399	ND1 A0S8J7	NADH1 Q4GNP1
5400	EIF1 K7EM18	CHD2 O14647
5401	HLA-A Q9GIP2	HLA-B D4HPA9
5402	PERP Q96FX8	ND3 A0A059QEA2
5403	SLC6A2 H3BM11	CYP2C Q16750
5404	PTPRC A0A0A0MT22	PLA2G2F Q9BZM2
5405	PLCB2 H0YNI4	DKFZp586E1422 Q9Y3Y1
5406	TRPM8 Q7Z2W7	ASAH1 B1B5P6
5407	ROR1 A2VCQ3	DGKE A1L4Q0
5408	A-735G6.3 O14563	TTLL9 Q3SXZ7
5409	HLA-B B2NJ18	HUT11 R9S1V0
5410	DHDDS E9PSH7	DCP2 Q8IU60
5411	CS F8VX68	KCNK1 O00180
5412	ITGB1 H7C4N8	ATPase Q4GDG1
5413	POU5F1 D5K9S1	TBC1D3F A6NER0
5414	CYTB H9PGB0	QSOX1 O00391
5415	TP53 Q1HGV1	HLA-C E9NPN4
5416	ERP29 F8W1G0	COX1 G3EBF7
5417	HNRPA1 A0A024RB53	EPHA4 C9JEM6
5418	CYTB D2Y5Y5	HDLBP H7C2D1
5419	ZNF43 M0QXI2	CYP27B1 O15528
5420	HLA-C H2BDQ7	AQP1 Q6JSD7
5421	EXOC6 B1AP46	SAMD11 I7FC47
5422	HLA-A O19601	PCSK6 H0Y3Q0
5423	HEXA G3XL83	ND2 G5D7X0
5424	UAP1 Q16222	RASGRP3 C9J9C9
5425	HLA-B D4HPB4	HLA-B C9WCY5
5426	CDON E9PN78	MMP28 A0A087X1Y9
5427	TCF7L2 Q9NQB0	EEF1A1 Q6P4C9
5428	NCOA2 H0YBB6	SH3BP4 Q9P0V3
5429	CDH18 Q13634	IL37 Q9NZH6
5430	EIF4EBP1 Q13541	POLR3B Q9NW08
5431	ATOX1 Q6IBA3	SLC17A8 Q8NDX2
5432	MICA Q96QC4	ADPRM Q3LIE5
5433	MICA W6S861	HLA-C F8R1C4
5434	RFX3 H0Y7Z4	BRCA1 A0A024R1Y0
5435	CLPSL1 Q5T9G0	CCDC129 E7EQ43
5436	NANOGP8 J7H3Z5	CCR5 A0A089G5M8
5437	ND5 M1LMB0	HLA-C M9P9U1
5438	TGM2 Q6DKH2	INS C9JNR5
5439	ATF7IP Q6VMQ6	UBE2K P61086
5440	ZNF525 M0QZA4	SUCLG2 E9PDQ8

5441	SPRR3 Q9UBC9	NR1H3 B4DXU5
5442	DUS2 I3L4Y9	CHRNA3 D3DW87
5443	PRL Q5I0G2	TAT A1L4G7
5444	TMPPRS4 H0YBM5	ARID1A O14497
5445	SFXN3 S4R3N9	MRPS25 P82663
5446	KIF21A H0YIM7	COPZ2 J3QQQ5
5447	ND5 Q7GWL6	KCNJ1 P48048
5448	NSD1 Q96L73	CERS4 H0YNR6
5449	ROCK2 E9PF63	HLA-DRB5 A0A024F9V3
5450	NDUFS1 Q9P1A0	PRKG1 B1ALS0
5451	FLII K7EP27	HLA-DRB1 Q4A1G9
5452	CALM3 B4DJ51	ND5 H9PBJ4
5453	NAT9 J3QRC3	DNM2 Q9UPH5
5454	CTDSP2 H0YI12	ND3 A0A059QLY3
5455	MLX A0A024R1W8	STARD4 B0AZS2
5456	EHMT2 Q96KQ7	HLA-DQB1 F8LFZ1
5457	ND5 Q5SAM1	BABAM1 J3KQS6
5458	SPDYE4 A6NLX3	HDLBP Q96CF6
5459	COI U3M9S0	COX3 G5D8E4
5460	HLA-B C0LAA8	ASAP2 O43150
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5463	HLA-DRB1 D7GL10	C10orf28 Q4KMT0
5464	BRF2 E5RGF6	DHRS7B J3QLJ8
5465	CYTB I3Q3Y4	CFTR A0A096ZUH4
5466	ECI2 F8W6J1	COX2 Q6RKW8
5467	SPON2 Q9BUD6	AKAP9 Q6PJH3
5468	ZNF678 B1APK8	GBA3 A0A087WTY7
5469	MXD1 B7ZLI7	MYC B3CJ65
5470	INTS3 Q68E01	CENPE D6RBW0
5471	HLA-Cw C7EDP3	PLAA Q9Y263
5472	PSPH A0A024RDL9	ZC3H4 M0QY97
5473	TRMT1 A0A024R7G3	GDI2 V9GYF8
5474	COX3 A6ZFQ8	ATP6 A6YYN7
5475	PSMG1 O95456	MMP17 F5H846
5476	HIST1H1E A3R0T8	PIGN K7ESH9
5477	IFNLR1 Q8IU57	EXOC3L4 H0YNV0
5478	FAAH O00519	ND5 H9Q5E5
5479	ITGB8 Q9BUG9	TAX1BP3 O14907
5480	ENPEP B0BCZ4	SAFB2 Q14151
5481	WT1 W5S707	UTP14A Q9BVJ6
5482	MRFAP1 Q9Y605	FM05 E9PQ84
5483	MRE11A Q9BS79	POU6F2 H7C2B2
5484	CDH12 P55289	PIKFYVE E9PDH4
5485	BCL2 P10415	VRK3 M0QYA8
5486	ND2 Q305C0	CA5A P35218
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5488	TP53 S5M706	OLFM2 O95897
5489	KRBA1 A0A0C4DH65	HLA-DQB1 A0A0A7C9H2
5490	CTSA U3KQ41	CEP57 A0A024R3A1
5491	ATP8 A0A059QTT8	SLC39A9 C4N9M8
5492	ACHE C9JD78	ATP6 A6Z698
5493	ATP13A1 Q9HD20	HLA-B S5LSK2
5494	RGS12 O14924	RELA E9PRX2
5495	CD38 P28907	RACGAP1 A0A024R136
5496	ELAVL1 Q15717	CHMP6 I3L4G8
5497	GABRA1 E5RHL6	SLC26A7 H0YB61
5498	PVRL4 Q96NY8	ZWINT A0A024QZN5
5499	ARHGEF26 Q96DR7	ADCY8 E7EVL1
5500	GTF2B B1APE2	IDI1 C9JKM8
5501	HLA-C D3JTB8	ERI3 F6UGJ8
5502	ASCL4 Q6XD76	DDR1 A0A024RCJ0
5503	HLA-C D6MLE7	TRIM64 A6NGJ6
5504	CDK11A Q5QPR4	SCAP F8W9W7
5505	TLR5 D1CS83	CAP1 Q5T0R3
5506	DUSP26 Q9BV47	HLA-DR15 F1CCN5
5507	ND2 Q6RN84	RGS11 Q4TT70
5508	HLA-DQB1 L0BXU9	SP1 P08047

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 5510 GLS|Q53S89 MAP3K19|H7C041
 5511 SKIV2L|Q96BC0 ND5|A0A023I900
 5512 MYB|P10242 DGKA|A0A024RB23
 5513 PRMT9|D6REN0 HLA-A|R4ZGM9
 5514 PLSCR5|A0PG75 SLC01B1|A0A024RAU7
 5515 DKFZp686C0249|Q5HYM3 THEM5|Q8N1Q8
 5516 ARHGAP45|K7EM85 KLK3|A0A0B4J1X3
 5517 HLA-C|A0A0A7C5G9 YY1|P25490
 5518 RPL29|Q6IPI1 MICB|A0A024RCJ5
 5519 NADH5|Q4GHL2 ARHGDIB|F5H3P3
 5520 HLA-C|G3D6F6 PTPRT|O14522
 5521 ZFYVE1|Q9HBF4 EHD1|A0A024R571
 5522 HLA-C|V5LM38 SIDT2|G3V172
 5523 HELQ|E3W982 ACER3|Q9NUN7
 5524 HLA-C|D7NR04 UBA5|Q9GZZ9
 5525 CSPG3|A0A024R7M3 CTNNA2|C9J144
 5526 TNNT2|C9JDF8 KRTAP26-1|Q6PEX3
 5527 ZSCAN21|Q9Y5A6 CYTB|H9S3J6
 5528 KCNJ10|Q547K1 SREBF1|B5MD58
 5529 HHIPL1|F1T0G3 CARHSP1|H3BSW7
 5530 TRIM43B|A6NCK2 FANCF|Q9NPI8
 5531 LIMA1|Q9UHB6 TPO|Q6P534
 5532 HLA-DPB1|A0A0A7C709 LDHA|F5GZQ4
 5533 ZNF45|A0A024R0Q1 HLA-C|V5L6G2
 5534 ASS1|P00966 COX1|B1NUS1
 5535 TMPRSS4|Q9NRS4 OR5J2|Q8NH18
 5536 TMEML138|Q9NPI0 RPS3|E9PQ96
 5537 DQA1-0103|Q30062 HLA-C|D3J3V30
 5538 CCR5|E7BJ57 HLA-A|U5YJL3
 5539 BOD1L2|Q8IYS8 PUS7L|F8VZA0
 5540 PRSS57|Q6UWY2 CEP19|Q96LK0
 5541 HLA-B|I2B2X4 RHAG|M1SZX7
 5542 HLA-DPB1|A0A0A7C8V8 NME7|A0A024R8Z7
 5543 ERAL1|J3QT61 ND5|V9JCX3
 5544 HTN3|P15516 ZNF324|Q96I98
 5545 ZNF793|K7EMU0 CYTB|A0A097KU52
 5546 COX3|G8JEA2 PPP1R3A|Q16821
 5547 SLC4A1|E2J824 BSCL2|E9PRU2
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 5549 FAM170B|A6NMN3 DCAKD|K7ESP4
 5550 FHOD3|K7EKZ0 CYTB|E9N9U8
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 5553 FBX031|H3BUC7 ATP8|Q7YCG7
 5554 MYST3|A5PLL3 HLA-C|D6MJK3
 5555 TNFAIP8L3|Q5GJ75 HLA-G|Q68YR8
 5556 IRF3|M0R3E9 PTPA|A6PVN8
 5557 C5orf24|Q7Z6I8 ND6|V9JBQ6
 5558 PIK3C2G|F5H7Y7 EPB41L4A|Q8NEH8
 5559 NUP107|H0YG15 OR10G2|Q8NGC3
 5560 PAX4|G3V4Q1 F8|A0A2G9
 5561 FAN1|H3BUC3 HNTN1|Q7Z554
 5562 COX3|Q8HNQ7 PDXK|A8MV33
 5563 PJA1|K7EPI8 ATP6|F1B811
 5564 GSTT1|P30711 ZXDC|Q2QGD7
 5565 ND5|A0A023Q756 TP53|K7PPU4
 5566 EXOSC9|D6RA17 DMRT2|Q05C20
 5567 HLA-C|V5NQW1 SEPT4|D3DTZ7
 5568 PAM16|I3L3T0 CCAR1|F5H1H2
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 5570 BDP1|A6H8Y1 DKFZp686E11263|Q6N009
 5571 EPN2|E9PBC1 DDX17|Q92841
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 5573 ZNF415|M0R358 HLA-C|A0A0B7NXV1
 5574 HLA-DPB1|A0A0A7C587 TMEM91|H0YG43
 5575 ZNF268|K7EIF0 NCALD|E5RIZ1
 5576 Hosa(Japanese)-T2R5|Q50KW4 MAN1A2|H0Y7H1

5577 NRP1|Q5JWQ4 FNIP1|Q8TF40
 5578 SDK2|Q58EX2 PPT2|A2ABN6
 5579 SMC04|Q9NRQ5 MUC7|Q8TAX7
 5580 FAM48A|A0A024RDW2 ITPA|Q5NT82
 5581 ND5|A8RC27 SLC02B1|E9PRW4
 5582 MET|Q14825 HLA-DRB1|L0BX03
 5583 CCR5|Q5QIP0 RASA4|Q2NL74
 5584 SEPT8|C9J4G8 HLA-DR15|G1EMX9
 5585 ARHGAP36|Q6ZRI8 FAAP20|Q6NZ36
 5586 CYTB|H9NZ28 OXSR1|A0A024R2M7
 5587 ESX1|A6ZIU9 KLF3|A0A024R9T8
 5588 LGALS8|E9PPL1 AGPAT4|Q5TEE8
 5589 LONRF3|Q496Y0 PROS1|Q8IXC8
 5590 FOSL2|P15408 ZNF444|K7EJH4
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 5592 STK35|A0A0C4DGC9 TNNT1|P13805
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 5595 NEK3|F8VV00 CIR1|Q86X95
 5596 PPARG|E7EUD1 COI|U3M9Q9
 5597 EFNA1|P20827 XP06|B7ZM10
 5598 ND3|B8XZE8 ARHGEF9|A0A096LPI8
 5599 BCAM|P50895 COX3|J7H4R4
 5600 CYTB|H9QVQ0 UTY|F4MHB2
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 5602 PCSK6|A0A087WZR0 LMF2|Q9BU23
 5603 ZCCHC9|Q8N567 B4GALT1|Q86XA6
 5604 DPAGT1|H7C2L6 CREB3L4|Q8TEY5
 5605 L3MBTL2|H7C228 SLC1A2|H0YEB1
 5606 TET2|Q6N021 UBC|P0CG48
 5607 ND5|Q9B2Z9 HLA-C|F8SKY8
 5608 STMN4|E7EVN3 HLA-DRB1|F2VS02
 5609 GFM1|F8WAU4 SMARCC1|Q92922
 5610 HLA-DRB1|A0A0A7C3A8 PGPEP1|U3KQG9
 5611 RHD|Q96KU2 PHF23|Q9BUL5
 5612 ELM02|H0YCM7 PHC3|Q8NDX5
 5613 EDIL3|O43854 ATP6|D8L392
 5614 SLC37A1|P57057 FUT1|C0L7J0
 5615 NPEPPS|E9PP11 P2RY2|P41231
 5616 APOC1|P02654 ND1|A0A068BZL9
 5617 EGLN1|R4RYZ7 HLA-DPB1|N0A934
 5618 CLDN20|P56880 MED24|O75448
 5619 PRAMEF25|A6NGN4 C16orf59|Q7L2K0
 5620 COX3|B8RFL3 ELM02|Q5JVZ8
 5621 TH|P07101 IL36RN|Q9UBH0
 5622 PEPD|V9GY89 CCHCR1|B0S7V6
 5623 MDM2|A0A0A8KBA1 XYLT2|B4DT06
 5624 TLL2|Q9Y6L7 FAM114A2|Q9NRY5
 5625 CDC40|H0UI46 SLBP|F8W8D3
 5626 CYTB|B0EW43 RSL1D1|A0PJ87
 5627 KCNE2|Q9Y6J6 IL17A|Q16552
 5628 ND6|B1PIK4 CYTB|F2WIB8
 5629 CAP1|Q5T0R8 CYP2E1|H0Y7H4
 5630 MAN1A2|H0Y7H1 PDK1|Q15118
 5631 MUM1|K7ES53 CD48|A0A087X1S7
 5632 HRC|Q2M1I0 SMOC2|Q9H3U7
 5633 SLC2A14|F5GXP8 PRMT9|D6REN0
 5634 TSHB|P01222 DKFZp68602183|Q7Z3H1
 5635 DPP10|J3KQK8 HLA-C|E3SWL5
 5636 CYTB|Q4ZF88 HBB|E9NGZ5
 5637 EIF1|K7EQP2 ATP6|B2D5C6
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 5639 RPL32|D3YTB1 HLA-DPB1|A0A0A7C5U7
 5640 ILKAP|B8Y6Z6 NELF|Q96AQ0
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 5642 ZCCHC9|Q8N567 DUSP16|Q9BY84
 5643 MAPKAPK5|R4GN33 PMVK|Q15126
 5644 COX1|A0A059RVX4 LONP2|H3BUW8

5645 UCC1|A4D1W8 ND1|X2C0V4
 5646 TXNDC12|095881 TCEA1|E5RK46
 5647 CHMP6|Q96FZ7 PIK3C3|A0A0B4J2B1
 5648 SMARCA2|A0A0A0MT03 ZCCHC11|A0A0C4DFM7
 5649 POLM|Q9NP87 LRRC59|Q96AG4
 5650 ND1|X5BHN0 TUBB4Q|I0CMK4
 5651 ING4|R4GNG1 COX3|E7E4G9
 5652 HBG2|B7UCU6 ADH7|P40394
 5653 SEPT14|Q6ZU15 C1orf51|Q5TB14
 5654 UBE2E1|C9J2P0 UGGT1|H7BZG0
 5655 hCG_20684|D3DXE0 CD6|Q8WWJ6
 5656 ND2|U3L7B9 HLA-DRB1|A0A0A7C4I7
 5657 HLA-C|G1EQB8 CXCL14|A0A0C4DGC1
 5658 GFAP|B4DIR1 HLA-A|Q8MHM2
 5659 DSC1|Q08554 ATP6|R9Y9A2
 5660 APMAP|H0Y512 EYA3|Q0P685
 5661 MTCH1|A0A024RD08 ACOT8|E9PMC4
 5662 COX1|X5BMX5 SYT4|M0R2I0
 5663 SLC14A1|K7EQM7 ND5|F1DMK2
 5664 hCG_23341|B4DW13 CBL|P22681
 5665 PRR11|Q96HE9 BBS1|E9PR55
 5666 SRY|Q6PWT1 MT1M|Q8N339
 5667 HDAC1|Q13547 CLTCL1|H0Y529
 5668 SARNP|P82979 MMP1|P03956
 5669 APP|H7C0V9 MBTD1|Q05BQ5
 5670 CD74|E7ESL3 DPYSL2|A9CQZ2
 5671 COL18A1|D3DSM5 HLA-Cw|A0S6X3
 5672 IL17A|Q6NZ94 FLT4|A0A0A7DYC7
 5673 CHD9|J3KSW5 SRP14|H0YLA2
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 5675 KRT77|Q0IIN1 EIF3K|B4DQ48
 5676 PZP|P20742 ATP6|H9Q9E4
 5677 TLN2|G1UI21 SNW1|G3V3A4
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 5679 HLA-DRB1|F5A501 CHMP4A|Q9BY43
 5680 SLC26A3|F8WBL6 PIK3R3|Q05DQ0
 5681 LIMD2|J3QQM5 HLA-A|D6ML56
 5682 ATP6|A0A059RNF3 HLA-A|J9PW12
 5683 ND6|Q9B302 EDRF1|Q3B7T1
 5684 FOXP1|E9PFD3 ZNF219|G3V2Q8
 5685 HLA-DRB1|L0BVP2 POLR2B|C9J4M6
 5686 PNLIPRP3|Q17RR3 AHCYL1|Q2NKW8
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 5688 PLA2G2F|Q9BZM2 U2SURP|H0Y8D9
 5689 TJP3|O95049 ND5|W8DIL7
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 5693 PRAMEF7|Q5VXH5 CYB561A3|F5H684
 5694 TIAF1|O95411 HLA-DRB5|O78167
 5695 FNBP1|Q96RU3 DNAJC28|Q9NX36
 5696 HAUS3|D6R993 RBMX|H3BT71
 5697 PKD1L1|Q8TDX9 mdm2|A7UKX9
 5698 ND4|A0A088FS66 ND5|T1STG4
 5699 OR1L8|Q8NGR8 POU5F1|D5K9Q6
 5700 ZNF669|Q96BR6 ASNA1|A0A087WXS7
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 5702 HLA-B|O62900 HEL-S-101|V9HW27
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 5704 SLC22A10|Q63ZE4 MRPL27|Q9P0M9
 5705 MRM2|E9PGN6 EPHX1|P07099
 5706 MDM2|Q8TE47 HLA-C|C5IZU7
 5707 MADCAM1|A0A087WWC0 RNF135|Q8IUD6
 5708 GABRA5|G3V296 ALMS1|A0A087WTU9
 5709 DCX|O43602 ND3|A0A059RKY5
 5710 ATP8|U5YV54 WIPF2|Q8TF74
 5711 LHX3|Q9UBR4 DKFZp779G0847|Q68DE4
 5712 CSF1|E9PKP4 PBX2|P40425

5713	CYTB Q4EYM8	PRDX1 A0A0A0MRQ5
5714	UTY A0A096LPD8	RAD9B Q6WBX8
5715	BICC1 Q9H694	DEFB112 Q30KQ8
5716	ATL3 F5H6I7	UBXN11 Q5T124
5717	GMFG M0R0C1	DHODH Q02127
5718	HLA-C G9HW51	HEL-S-99n V9HW88
5719	SULT1C4 Q6PD90	ESCO1 Q5FWF5
5720	CACNA1A Q9NS89	HLA-DR15 F2VNV5
5721	RPE Q96AT9	HLA-A F6IQX7
5722	FGFBP1 Q14512	ATP6 F2WG57
5723	DTNB Q1I0L3	SHFM1 Q6IBB7
5724	PTTG1IP P53801	APOL1 U5LKT7
5725	CCR5 J7HJP1	INPP5B P32019
5726	FYB D6RAE8	IRF2 P14316
5727	ASPDH A6ND91	HLA-DRB1 B0LUU3
5728	RCHY1 Q96PM5	DKFZp667E137 Q5JPC7
5729	MKL1 Q969V6	ChAT Q6LEN5
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5733	RNF14 Q9UBS8	COX2 V9J3S1
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5735	CYTB V5JSN2	COX2 A0A059QPE9
5736	GPR97 Q86Y34	CSTF2 P33240
5737	HLA-A Q1WAA8	DMKN Q6E0U4
5738	ASCC2 Q9H1I8	ZNF608 B3KPE6
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5741	ST8SIA5 O15466	MATK P42679
5742	TXNRD1 E9PIR7	ZNF34 A0A0C4DG42
5743	HLA-C Q9UQT2	CAMK2B E7ERS6
5744	NADH4 Q4GE93	FLNA Q5HY54
5745	PRDM9 D2K7E9	APBB1 Q8TEY4
5746	GOPC Q9HD26	SLC22A18 E9PRM7
5747	TIAL1 O15187	PKN1 Q16512
5748	CCR5 Q9UN25	TIAM2 E9PKT1
5749	TLE1 Q04724	FAM105B Q96BN8
5750	GPR126 Q86SQ4	LAMA1 P25391
5751	CCL11 Q6I9T4	NSF P46459
5752	ETFB P38117	F9 P00740
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5754	PHF11 J3KR57	KIF20B A0A0A0MSJ5
5755	HLA-C Q700Z6	HLA-C D3U3Q3
5756	CDA Q71UE9	CACNA1C A0A0A0MSA1
5757	HLA-A B6ECH2	ND5 A0A068BUU2
5758	MBP C9J6H1	HLA-C F2VNS0
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5760	GAPDH Q0QET7	ND4 A4ZMU2
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5763	HLA-B K9LDL6	C21orf58 Q0VAL7
5764	SYNJ2 Q5TA15	LETMD1 F8VS60
5765	OMD Q99983	ZFYVE28 Q9HCC9
5766	COIII Q4GU59	ABCA1 O95477
5767	HLA-C M9P8M2	GNPAT Q5TBH6
5768	DGKH Q86XP1	LARP7 D6RAF3
5769	LMO1 E9PK83	RAB2B Q9UL31
5770	NFKB1B Q15653	NRG1 Q02297
5771	RHD I2HA00	HLA-B Q31610
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5774	ND2 G9LKI3	ND1 U5KQC8
5775	SLC35B4 A0A024R779	CDH8 J3QLE6
5776	POLR2L P62875	PPIF H0Y548
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5779	MLKL I3L4A6	CDK5RAP1 Q96SZ6
5780	UNR Q96L66	COX3 A0A096W9H4

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5785	ALDH3B2 E9PKY9	CALCOCO2 Q13137
5786	MYO3A Q0VD65	CYTB H9QVQ0
5787	OR52K2 Q8NGK3	BIRC2 H0YDY3
5788	HLA-C C6K4K1	CYP26A1 A0A096LNN2
5789	HPD P32754	CYTB A0A059RP30
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5799	INPP1 B5BU62	GK3P Q14409
5800	BRCA1 Q3B890	BCL9 A0A024QYY4
5801	RPL3 G5E9G0	tre Q1K9C9
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5808	SMARCD2 J3KMX2	HLA-DPB1 A0A0A7C8R8
5809	MDR3 I7D7J2	PTGDS P41222
5810	HLA-B N0A4E6	SFTPB P07988
5811	TMPRSS5 B0YJB1	SPTLC1 O15269
5812	WDR11 Q9BZH6	HLA-A G1EPB4
5813	CYTB V5JI01	ATP6 C8Y3L8
5814	DKFZp686M088 Q68DH9	ATP8 A0S8D6
5815	HLA-A G0WVA2	TP63 C9D7D0
5816	hCG_21531 B4DJ91	SRY Q6PWT1
5817	STXBP2 Q15833	NUFIP1 Q9UHK0
5818	ZMPSTE24 O75844	CYTB W8D3T4
5819	IMPACT Q9P2X3	MKNK1 E9PLE7
5820	HLA-A A0A0A7C6T6	CDT1 Q9H211
5821	HLA-A Q95J07	CDH20 Q9HBT6
5822	HLA-A V9N2U2	B4GALT4 E7ETS9
5823	MYO5A F8WE88	CYTB Q4VFL3
5824	DGCR6L Q9BY27	RGCC Q9H4X1
5825	ZFP69 Q49AA0	PRKACB B1APG3
5826	CYTB I6U1P4	BLVRB P30043
5827	HLA-A A4URF2	HLA-DPB1 A0A0A7C5A9
5828	SAMD11 I7G285	IREB2 H0YN46
5829	PIAS3 Q6IAR4	ALDH1A2 O94788
5830	PSMD6 Q15008	TRIO F5H228
5831	NADH5 Q4GJP0	CAMTA2 B7ZM30
5832	CST9 Q5W186	BCR-ABL1 E7E8T7
5833	CCDC88A H0Y470	KCNMA1 A0A0A0MSE6
5834	VTA1 Q9NP79	ATP6 L7XLN7
5835	APP H7C2L2	NCOR2 Q9Y618
5836	ATP6 E5LR28	DFFB J3KT26
5837	NHS Q6T4R5	HLA-C A6YQG8
5838	ZNF654 Q8IZM8	ADH6 Q8IUN7
5839	HLA-DR15 G1EMW9	SULT1A2 P50226
5840	HLA-C E0WMT8	DIAPH1 Q96IL1
5841	MYB E9PN43	ZNF836 M0R1N4
5842	HLA-A A0A0A7C7S7	ZNF277 Q8WWA6
5843	ALDH3A1 Q6PKA6	CYTB A0A059RNS9
5844	ND1 K7WBD5	MLL3 A7MBM6
5845	PEX12 K7ELY8	CSNK1G1 Q8IXA3
5846	ATP6 G4W0D4	THUMPD3 Q9BV44
5847	SAMD11 I7FV97	COX5A H3BRI0
5848	SLC23A2 H0Y544	TRMT1 A0A024R7G3

5849 OPN4|Q9UHM6 ME3|O15201
 5850 CS|A0A024RB75 OR10A2|Q9H208
 5851 CD2|P06729 ZNRF3|Q9ULT6
 5852 TXK|D6R9F2 NAV3|H0YI14
 5853 HDLBP|H7BZC3 ATXN3|D3VVB4
 5854 MYC|B3CJE0 ATP6|E5E003
 5855 CBLN1|P23435 FUBP3|Q96I24
 5856 HLA-A|Q2A688 DNAH5|Q8TE73
 5857 NADH3|B9EE38 EIF2B2|P49770
 5858 COL1A2|P08123 BCL7B|Q9BQE9
 5859 TMED2|F5GX39 TTC37|Q6PGP7
 5860 cytb|T2HLX9 HLA-C|U5YD57
 5861 NCAM1|A0A087WTF6 HLA-C|A6H578
 5862 RHN01|Q9BSD3 ND5|D9N004
 5863 TMD03|H0YNU8 EDN3|Q6LDQ8
 5864 AK3|Q7Z531 PLA2G15|B4DJW4
 5865 HLA-A|F6IQW4 P4HB|P07237
 5866 GALK2|H0YK30 HLA-DQB1|U3PXZ0
 5867 MCF2|H0Y662 PDGFB|A0A024R1R5
 5868 SYNE2|A0A0C4DGK3 HEL-S-296|V9HVVY9
 5869 ZNF559|K7ERK9 HLA-B|C8CH91
 5870 CEP290|J3KNF5 OXSM|B4E3Q7
 5871 GTF2H1|F5H0Y9 ARCN1|E9PK34
 5872 FKBP1C|Q5VVH2 CYTB|H9REL7
 5873 PDE11A|E9LCZ3 AKAP13|A0A087WY36
 5874 EIF1|K7EM18 HNRPA3|B4DDB6
 5875 HLA-A|A7X571 ND3|A0A059QNR9
 5876 NR2E1|B6ZGT9 HNF1A|E0YMJ4
 5877 ADGRB3|S4R3D0 SA|V9H1E0
 5878 FDX1|P10109 DHX16|O60231
 5879 HLA-DRB1|A0A0A7C4I2 HLA-B|J7F577
 5880 NAT2|A4Z6Y3 PKN2|H0Y429
 5881 USP53|Q70EK8 HLA-C|G0ZML3
 5882 USP48|E9PJH5 BCD02|B0YIX7
 5883 ND6|B2XHG7 ZNF614|M0R1H2
 5884 F10|F8WBM7 GPR146|A4D2Q3
 5885 WSB1|Q9Y6I7 ND5|X2JJ49
 5886 WT1|Q6PI38 RAB7A|C9J4V0
 5887 GFI1|Q99684 TNIP3|Q96KP6
 5888 PPT1|E9PP28 TAP1|Q16148
 5889 NR5A1|Q13285 ZNF331|E7ENR0
 5890 CRYAB|E9PRS4 HLA-C|F1C3H0
 5891 ND1|T1WTX0 C1QTNF6|A0A024R1J0
 5892 HLA-C|F6IQM0 POP1|Q96F88
 5893 HEL-S-51e|V9HW06 PAX8|A0A024R4X8
 5894 pp52|Q16002 COX1|F2WEA4
 5895 PHLPP2|H3BS75 KRTAP26-1|Q6PEX3
 5896 RAET1L|J7HEN7 COX1|E9JWI2
 5897 C6orf49|A0A024RCZ7 HLA-C|E5DCQ3
 5898 ATP6|Q7YED8 PITX3|A0A0B5HP26
 5899 PER1|O15534 ISCA2|Q86U28
 5900 EXOSC5|Q9NQT4 KCNK4|Q9NYG8
 5901 NCAPD3|G3V1A9 ATP8B1|K7ERI0
 5902 RGPD8|O14715 SAMD11|A0A087X2A3
 5903 FCGRT|M0R0H0 HLA-B|Q6F3G6
 5904 DAOA|M0R0L0 ND2|E9NKR5
 5905 PPP1R8|Q12972 SLC6A16|M0R2R5
 5906 COX3|Q6WQG6 MKNK1|E9PSE0
 5907 ZMAT2|R4GMX9 ALB|P02768
 5908 MARVELD1|Q9BSK0 NLGN4Y|Q8NFZ3
 5909 SCAP|F8W9W7 MGRE|W8W3J0
 5910 DPEP2|I3L348 PRAMEF14|A6NFR9
 5911 CYTB|X5DS90 TP53|L0EPV7
 5912 GPATCH11|A0A0A0MSF9 POLR3E|Q9NVU0
 5913 ND1|I6MRJ2 MFS5|F8VV69
 5914 ND5|R9Y6Z7 ATP6|Q4EXI2
 5915 JDP2|Q8WYK2 RPS6KL1|H0YJM5
 5916 TUBB6|Q9BUF5 MFI2|P08582

5917 RARRES2|C9J8S2 SEC62|Q99442
 5918 ND1|V9JYE8 CSTF2|P33240
 5919 ND2|Q15IQ8 MCM2|H7C4N9
 5920 PROS1|Q16441 GRM7|Q14831
 5921 SEPHS2|B4E093 CYTB|A0A059RKM1
 5922 CYTB|E3W689 ST20-MTHFS|A0A0A6YYL1
 5923 GAL3ST1|C9JGL4 ND5|A1DSV4
 5924 HLA-DQB1|S6CQA5 ND5|A4ZLE0
 5925 ICAM2|J3QQR8 COX2|A0A059RR09
 5926 CLCNKB|A0A087X136 TMEM218|A2RU14
 5927 CCHCR1|D6RDI7 SLC16A7|A0A024RBB2
 5928 BST1|H0Y8G4 KIAA1549L|Q6ZVL6
 5929 TNNC1|C9JDI3 MYH8|P13535
 5930 RELA|E9PMD5 GPR89B|P0CG08
 5931 EHD4|A0A024R9N6 EXOC7|B5MCY9
 5932 COPB1|E9PP73 USP33|Q8TEY7
 5933 R3HCC1|H0YBU3 DCDC1|M0R2J8
 5934 FLJ21103|A0A024R3L8 HuSAA1g|Q16782
 5935 PARP2|H0YH02 HLA-C|K7P5U3
 5936 CAPNS1|K7ELJ7 HLA-G|O78133
 5937 SERPINE3|A8MV23 HFE|I1VA72
 5938 SCAF8|Q9UPN6 ND5|E9L8H9
 5939 HLA-E|A0A0A8LFF7 UBE2V2|A0M8W4
 5940 HLA-B|C9WCS8 IP08|F5H292
 5941 CANT1|K7EN15 AGBL4|A0AVJ2
 5942 PCK2|A0A0A0MS74 DKFZp781I1140|Q7Z3L0
 5943 RAP1B|B7ZB78 MYH14|Q7Z406
 5944 RSL1D1|A0PJ87 FAM50A|Q14320
 5945 HLA-C|M9P9T0 HLA-C|Q30194
 5946 APTX|Q6JV79 ATP2B3|Q16720
 5947 CCT6A|A0A024RDL1 DSN1|Q4G1A1
 5948 RNASE8|H2FJY4 HMGNI|Q6NSG7
 5949 TRPC1|A7VJS2 HLA-A|F8RHB9
 5950 SLC7A8|Q9UHI5 COX2|H9E779
 5951 SOGA1|094964 MARCH3|Q86UD3
 5952 TBX20|C1INI6 CTSB|E9PHZ5
 5953 CYTB|D2K1J8 GSTT1|P30711
 5954 KLF3|P57682 ND5|H9NS19
 5955 B4GALNT1|F8TDK6 UNG|F5GYA2
 5956 ND1|Q5SAJ2 XRN1|Q8IZH2
 5957 CHST13|Q3ZCU8 DKFZp434I2412|Q9NSZ7
 5958 PTBP1|P26599 DFFB|O76075
 5959 HLA-DPB1|A0A0A7C6S7 IL4|U3LVN1
 5960 UBE2T|A0A024R9A9 UFSP1|Q6NVU6
 5961 DUS1L|H0YGW8 ARHGDIA|J3KS60
 5962 BRCA1|A0A068BEV3 ND6|A0A097Q221
 5963 GBP2|P32456 DPP7|Q9UHL4
 5964 OR9A2|Q8NGT5 DKFZp686J14194|Q68D18
 5965 OR5I1|Q13606 ND1|G3EBI1
 5966 TRAP1|Q5CAQ4 SCYL1|E9PS17
 5967 NCK1|P16333 GCKR|H7C1B4
 5968 LGALS9|O00182 WASL|O00401
 5969 GPS1|J3KRJ4 ND5|X5BVZ3
 5970 ND5|A0A059QQ42 MRPL2|Q5T653
 5971 HLA-DPB1|A0A0A7C9E5 ALKBH2|F5GZZ0
 5972 ETFB|P38117 SPINT2|Q6LEU8
 5973 SSX-HSTT|O75101 HLA-C|F8SHX7
 5974 TNKS|E7EWY6 LRRRC70|Q7Z2Q7
 5975 OR2M4|Q96R27 RNPS1|H3BMM9
 5976 GRM4|Q14833 ZNF468|Q5VIY5
 5977 ATP8|Q5S8Z2 EWSR1/ZNF384|A9Z0R7
 5978 PNPLA4|A0A024RBU8 AHSP|Q9NZD4
 5979 BMS1|Q14692 SLC8A3|P57103
 5980 PRNP|Q6FGN5 SARDH|Q5SYU9
 5981 AP1AR|Q63HQ0 TBRG4|D3DVL7
 5982 JOSD2|Q7Z7N5 MSANTD3|Q96H12
 5983 MZF1|M0R2C0 DDX18|A0A024RAH8
 5984 KIAA1149|Q5W9H2 DVL1|A0A024R080

5985 EIF3S8|A0A024QYU9 PAK7|Q9P286
 5986 ATP6|Q15IZ5 SLC6A5|Q4VAM6
 5987 COX1|A0A059QQ12 CCDC39|C9IZC4
 5988 NAP1L1|H0YHC3 HLA-A|F6IQX0
 5989 ASXL1|Q5JWS8 RAPGEFL1|A0A087X280
 5990 ND5|X5BYA7 SRF|A0A024RD16
 5991 ND2|A1E1D9 ZRANB2|O95218
 5992 B3GALT|Q6Y288 ZNF282|Q7Z2V4
 5993 LHX2|H7C0H1 PAX9|E9KY40
 5994 UGT1A3|A9UKC8 ND1|C8Y6L6
 5995 FBX05|Q9UKT4 LDB2|D6RAT1
 5996 STX10|O60499 CYTB|G3C9Z3
 5997 RNF112|J3QRB8 DNAJB1|Q6FI51
 5998 PRDM9|D2KI91 PCSK6|H7BXT3
 5999 METTL17|G3V4H5 SEC61A2|A6NIF9
 6000 NR1D2|Q14995 OR1C1|Q15619
 6001 TAF8|C9J7M8 PRKD3|O94806
 6002 TP53|E9PFT5 MTMR2|Q13614
 6003 SPIN2|A0A024R9W1 HLA-C|R7K6N9
 6004 PITX1|X5D9A5 HLA-DQB1|I4EPK5
 6005 CYTB|T1Q7E5 VANG1|Q8TAA9
 6006 AAMP|C9JG97 CX3CR1|C9JLM2
 6007 BRINP1|O60477 FAM21A|Q641Q2
 6008 RNASE6|Q93091 HLA|M9TNT6
 6009 ZNF766|M0R2P3 NPAS2|A0PJF9
 6010 NUDT3|O95989 VN1R2|Q8NFX6
 6011 TPST2|O60704 CHST6|Q9GZX3
 6012 ZNF3|C9JE35 PCDH7|H0YAH0
 6013 ATP6V0A1|K7ERA0 HLA-A|A0A060VD08
 6014 DIAPH1|E5RJ79 KRTAP2-3|P0C7H8
 6015 NCOA5|Q9HCD5 HLA-C|W0NWX1
 6016 HLA-C|I6SWA1 ZFX|Q8WXB8
 6017 FER|P16591 CYTB|D7NM63
 6018 HLA-DPB1|A0A0A7C5P6 ODC1|P11926
 6019 MTHFSD|F5H0M7 PNPLA4|P41247
 6020 HLA-C|M9PAE9 FYTDD1|H9KVD1
 6021 SRY|Q52MY1 ARHGEF33|A8MVX0
 6022 FASTKD2|Q9NYY8 ZFR|B2RNR6
 6023 HLA-C|U5YCB4 HLA-A|D5FIG3
 6024 ATP6|F2WGM6 RABGAP1|H9NIL4
 6025 SSBP1|Q04837 MAST2|Q6P0Q8
 6026 POLR1A|Q96AG9 ND5|E9NJS3
 6027 STK24|Q6FG81 CCDC39|F8WBW2
 6028 STAB2|Q8WWQ8 MLH1|Q64FK0
 6029 COX2|C8Y3G4 HIP1|C9JMG5
 6030 MTRF1|Q15390 NRIP3|Q9NQ35
 6031 EGLN1|R4RZ18 ZBED6|P86452
 6032 MECP2|C6KG44 A4GALT|Q540I5
 6033 OTOR|Q9NRC9 HLA-Cw|O19574
 6034 ND5|A0A059QQT9 DMD|F8VX32
 6035 TOM1L1|I3L4N3 OR6S1|Q8NH40
 6036 ND1|A0A097PX64 IHH|Q14623
 6037 ACAA1|P09110 DEPDC7|Q96QD5
 6038 HLA-DRB1|G0YWD4 SCN3B|A0A024R3H7
 6039 EPB41L1|Q4VXN1 DAZL|Q92904
 6040 IRF5|A0A024R756 STAT2|R9QE71
 6041 CPA4|A4D1M3 ENPEP|B0BCZ2
 6042 KEL|U3R8L4 MDM2|A0A0C4DFR5
 6043 RGS12|Q56A82 ATM|A0A087X0E9
 6044 CYB5R3|B1AHF3 ENTPD3|O75355
 6045 ATXN3|D3VVT5 AP1S3|Q53R44
 6046 FLI1|A0A024R3N6 CYB5R2|E9PIV9
 6047 ARF6|Q6FH17 ACP5|A0A024R7F8
 6048 CAPN12|M0QZ20 POT1|H7C4C7
 6049 NOL8|F5H532 ND4|T1Q5B1
 6050 MID2|A6PVI4 INVS|Q9Y283
 6051 ENTPD1|P49961 SEPT7|G3V1Q4
 6052 ZNF850|K7EJI8 SAA2-SAA4|A0A096LPE2

6053 ND5|D2Y6X3 COX3|Q5Y078
6054 SIPA1L2|A7E2F9 HLA-C|G1EQ46
6055 KCNIP3|A0A024RE22 HLA-C|C5IZY0
6056 HLA-C|A0A0B7NRX1 CAP1|Q5T0R2
6057 B3GALNT1|C9JD16 CYTB|F5HS92
6058 TTLL6|D3DTW0 ANXA3|D6RFJ9
6059 COX1|A0A059RTQ7 C2CD4A|Q8NCU7
6060 KAAG1|Q9UBP8 ND6|A0A097Q4B7
6061 AP1S1|H7C1E4 CYP27B1|F8VWR7
6062 SPATA31A1|Q5TZJ5 NAT10|Q9H0A0
6063 HBB|Q9BWV6 TSC22D3|D6RCK9
6064 GJB4|Q9NTQ9 TIMM17A|A0PJ74
6065 EYA1|E5RIQ7 ND5|A8JL93
6066 DSCAML1|G3V1B5 TXNL4B|Q9NX01
6067 LAMB2|A0A024R319 CYTB|A0A023R019
6068 SLC23A3|A0A0A0MSG3 PDHB|P11177
6069 ADRA1A|B0ZBD3 RNF151|Q2KHN1
6070 SLC12A6|A0A024R9K8 CAPN3|Q762C6
6071 ATP6|Q4F4Z6 HLA-C|A0A0A7C8J9
6072 AP00|H7C1U8 JCG4|Q8WZ86
6073 TFEB|B0QYS7 SIRT1|I1Y8W7
6074 TMPRSS4|Q9NRS4 ND3|S5SA55
6075 ZXDB|P98169 ADAM11|K7EKA8
6076 LCLAT1|C9J5S5 SCNN1B|H3BRM4
6077 ND2|T1Q7G1 TCEA2|Q5ZEZ5
6078 RNF10|A0A024RBP0 COX2|D7NUN3
6079 SNX11|J3QLV8 EGLN2|M0R1L0
6080 SOCS6|A0A024R379 NCOA2|Q569J4
6081 PIH1D2|Q8WWB5 ZMYM3|A6NHN7
6082 HLA-A|D5H3W3 METTL5|Q9NRN9
6083 ND5|V9JMS4 CAMK2B|H7BXS4
6084 PSG3|Q16557 MICA|A0A024RCL3
6085 HLA-DPB1|D4I1J3 TLR2|O60603
6086 DKFZp434H204|Q9UFZ4 ND1|A0A097PVP0
6087 CHIC2|Q9UKJ5 PTPRC|X6R433
6088 HLA-C|Q30194 APLP2|E9PQS3
6089 TFDP2|C9J TZ9 RUVBL2|M0R0Z0
6090 CYTB|G9LKF5 CD6|E7ER04
6091 WDR55|Q9H6Y2 FAM109A|Q8N4B1
6092 SEPT9|K7ERG1 KIAA0430|G8JLP4
6093 CYTB|E5FFF1 EPB41L2|E9PMG5
6094 BRCA1|G4V502 TGIF1|F8VX54
6095 HLA-C|I6NS84 FKBP9|A0A090N8P3
6096 ND2|E7CMJ8 AP1S2|A0A024RBX8
6097 GALT|Q14367 CYTH2|F8W8E2
6098 SCP2|P22307 ILF3|A0A024R7C7
6099 HLA-C|D6MLB3 LOXHD1|F5GXP0
6100 DCDC2B|A2VCK2 ZNF506|K7ERD9
6101 DNAJC3|Q13217 SEC14L1|A0A024R8V1
6102 HOXA4|H0YHX3 HLA-B|U6BN81
6103 ACADL|P28330 ARHGAP21|A0A087WW76
6104 FBL|P22087 NAA20|A8MZB2
6105 EGR4|A0A0C4DG96 MDM2|F5GZC3
6106 EIF4E|H0Y8J7 COI|W1IAH8
6107 RAB6B|Q6AZ91 PRSS8|Q16651
6108 RIOK3|O14730 ZNF24|P17028
6109 YIPF2|Q9BWQ6 GSTM4|A6NNT0
6110 TLR5|D1CS90 IARS|J3KR24
6111 CHRNA4|Q4VAQ3 HLA-B|I6SJ79
6112 ZNF682|M0QXB8 HLA-G|B0L3P8
6113 NUDT9|A0A024RDI6 KLHL41|O60662
6114 GNA11|A0A087WVZ3 PPP1R12A|H0YIM2
6115 STAT2|R9QG81 ND5|Q4VFD3
6116 FECH|K7EPN2 NCALD|E5RHC8
6117 UBE4B|O95155 CS|F8VU34
6118 P2RX4|F6SFZ6 MC2R|R4GMM0
6119 SMC6|Q96SB8 HLA-C|U5YEZ6
6120 IL1RL1|A8VPX0 CYTB|A0A023R4E0

6121	RHD D6Q1S7	HLA-C G1ENV2
6122	CYTB V9J5V6	STON1 Q0VAG7
6123	WLS E9PM62	MARCO Q9UEW3
6124	ND1 R9Y4G3	PTPN4 Q4ZG31
6125	ATXN3 D3VVS0	ND5 F1AZ03
6126	GGA1 B0QYS1	COX1 C8YAE4
6127	CALU O43852	RP11-301I17.1 A0A024RDX6
6128	COL27A1 Q8IZC6	GPRC5B Q9NZH0
6129	SYNE1 F5GYQ7	TEX13A Q9BXU3
6130	ND5 H9PY99	TLL1 E9PD25
6131	DHRS4 Q9BTZ2	LAMA4 Q16363
6132	CYTB D3YRP1	FLJ00279 Q6ZNL4
6133	ALDH1L2 H0YHN9	AKAP13 H0YMW2
6134	LYRM2 Q9NU23	GDF8 A1C2E8
6135	SUPT16H Q0VGA3	JMJD4 Q9H9V9
6136	ESX1 A6ZIU2	NDI A0A098CK27
6137	ND6 A0A0A0PXM1	cytb Q4G985
6138	RIPK4 Q2TB16	HLA-B I6MHH8
6139	COIII Q4G6P4	GTF2B Q00403
6140	KAT2A K7ERS6	BIRC2 E9PNM6
6141	NCAM1 A0A0C4DGS4	HSP90B1 H0YIV0
6142	COX1 E5E1V0	PARP6 Q2NL67
6143	MED30 Q96HR3	PHKB H3BV13
6144	GDPD3 Q7L5L3	TMEM132D Q14C87
6145	PDGFB A0A024R1R5	PRNP Q86XR1
6146	PSG1 P11464	HLA-C M9P8S0
6147	EDDM3A Q14507	USP17L17 A0A087WVW9
6148	SCIN E5RHN8	CYP1A2 P05177
6149	TREH O43280	ATP6 Q5S9J9
6150	PCDH11X A0A096LNH1	HLA-C F1CCK9
6151	ZNF430 M0R0L5	KIF9 E7EUW8
6152	IBSP A0A024RDE4	HELZ A0A075B6R3
6153	ADD1 P35611	CARD9 A0A024R8F1
6154	AMACR A0A024RE16	LIN7B Q9HAP6
6155	MAPK9 J3KNK1	HAL Q2PH55
6156	GPR143 H7BZN6	SYN3 A0A087WTG8
6157	ND5 E7E2X7	HLA-A F6IQX2
6158	POFUT2 Q9Y2G5	EXOC6B F8W6R7
6159	PIGN K7EQ07	U1SNRNPBP A0A024RBU2
6160	MYO1C I3L4D4	SCARB2 A0A024RDG6
6161	CNOT2 H0YI80	ZIK1 F5H435
6162	IP08 F5GXT5	FCGRT P55899
6163	TCF24 Q7RTU0	MRPL35 D3YTC1
6164	ZNF131 D6RJH2	FBXL20 Q96IG2
6165	DHX58 C9JG98	HCN2 Q9UL51
6166	GATA6 Q05CA6	STXBP4 Q08AL9
6167	CDADC1 Q9BWV3	EGFR I3WA73
6168	SON J3QSZ5	PKN3 A0A024R8D6
6169	HLA-DQB1 N0A0M1	CPEB2 Q7Z5Q1
6170	DOC2A H3BSH4	UBE2J1 Q9Y385
6171	GPRASP2 Q96D09	SAP30BP J3KS14
6172	HLA-DPB1 A0A0A7C8B9	BSX Q3C1V8
6173	ND3 E5EXC8	NFS1 F8WB23
6174	RAB40AL P0C0E4	C22orf23 Q9BZE7
6175	PHKA1 A6NMN0	HLA-A D6ML56
6176	CPT1C B3KU49	ACE2 Q9BYF1
6177	HLA-C F2X641	DKFZp686M1631 Q68DU4
6178	HEPH Q5JZ07	RELA E9PN69
6179	MICA A0A024RCL3	COX3 X5C9F1
6180	ND3 A0A059RVX9	SYT15 Q9BQS2
6181	PIEZ01 M4QHP2	FGF22 Q9HCT0
6182	PTPN12 F8WB51	EML4-ALK C1PHA1
6183	ABLIM2 F5GYR0	POLR1B Q6DKI9
6184	ND5 L7XYG0	USP22 K7ERX6
6185	HIPK1 Q86Z02	CRABP2 P29373
6186	ZNF615 Q8N8J6	HNRPA1 A0A024RAZ7
6187	GSTA1 P08263	MKRN2 Q9H000
6188	HLA-C Q9MYF9	SLC1A2 C9J9N5

6189	RAB30 E9PPW9	CLEC19A Q6UXS0
6190	RBMS1 F6Y5H0	LR8 A0A090N7V7
6191	ND4 G9LHQ3	HMGCLL1 B7Z4D4
6192	ZNF773 M0QYZ8	SEC62 Q3KR08
6193	C1QA A0A024RAG6	ELAVL3 Q14576
6194	HBS1L J3QT46	IRF-1 X5CN11
6195	ARHGAP26 H0Y835	ING2 Q9H160
6196	GRM3 C9JUH9	AGAP1 Q9UPQ3
6197	OR2A14 A4D2G5	ND1 A4ZLE3
6198	ARMC4 Q5T2S8	ATXN3 D3VVC0
6199	HLA-B P79487	BRD2 P25440
6200	ACTN1 G3V2N5	ODF4 Q2M2E3
6201	CDKN2A Q9UPB7	NOTCH1 P46531
6202	COX2 D7NUN3	RIMS2 F8W6W8
6203	MDM2 Q96DS5	GPS1 A0A096LPJ3
6204	RPS2 E9PM36	AURKA Q5QPD1
6205	PAFAH2 Q99487	THRB P10828
6206	TSGA13 Q96PP4	F2 C9JV37
6207	CRBN J3QT51	SCN4A Q9H3L9
6208	ZNF347 M0R1E9	TCTEX1D4 Q5JR98
6209	THOC7 Q6I9Y2	FAM151B Q6UXP7
6210	CTBP2 Q5SQP8	HLA-C E7BYD1
6211	SCRG1 O75711	HLA-C G1EQ44
6212	ATP6 I1E4I7	ND1 B1NVL8
6213	GTF3A H7BZ51	DGKG P49619
6214	RNaseK A0A060KS66	PRICKLE1 A0A024R0W7
6215	TICAM2 Q86XR7	HLA-B D3Y5Y4
6216	TLR-4 D0EWT8	PAQR5 Q9NXK6
6217	HLA-C E0WN42	RAB6B C9JU14
6218	ND6 A1DUW2	RXRA Q6P3U7
6219	RFX3 F6XM74	ZGLP1 P0C6A0
6220	TBC1D3G Q6DHY5	SLTM A0A024R5U7
6221	PTPN2 D3DUJ3	HLA-A R4NJ42
6222	ISG20 A0A024RC76	RHD Q5XLT0
6223	GATA5 Q9BWX5	GALT Q14367
6224	RBM24 A8KAI7	KIRREL2 Q6UWL6
6225	HLA-C I6M567	MX1 P20591
6226	CHEK2 H0Y4V6	ATP6 H9RY47
6227	CLDN24 D6RBY1	MED7 E5RIE8
6228	FOXD4L5 Q5VV16	FAM175A Q6UWZ7
6229	cytb B2XMS3	AP4M1 C9IZL5
6230	COX1 C5MMW9	NDRG1 E5RJY1
6231	ACTN1 P12814	HLTF Q05BZ6
6232	COX3 G9LLZ5	HLA-A H9C5G0
6233	RYR1 M0QZY3	XPNPEP3 Q9NQH7
6234	GNGT2 D6RDH5	HLA-C E0WN44
6235	ZKSCAN1 C9JRM9	SCN9A A0A0C4DG82
6236	HLA-A Q29930	RAB5A P20339
6237	CFTR Q6KEA0	PAIP1 Q9H074
6238	COX10 Q12887	TJAP1 Q5JTD0
6239	PLEKHM3 Q6ZWE6	CYP21A2 E9M5D1
6240	CNN2 B4DDF4	HIST1H2AA Q96QV6
6241	ND1 Q9B2V7	DIAPH3 Q9NSV4
6242	OSR2 E5RGY8	HLA-A D6ML13
6243	ZNF446 A0A024R4T7	CTPS2 A0A024RC00
6244	ADAM12 Q5JRP2	ATXN3 D3VVE9
6245	DKFZp78102021 Q68DU0	GZMB Q6XGZ2
6246	UTY F4MHM9	ACVR1 Q53SF4
6247	OR8D2 Q9GZM6	ZNF83 H9XFB5
6248	ZCCHC4 H0Y8V8	DNAI1 A0A087WVV9
6249	PDIA5 Q14554	ND5 A0A0A0PJ54
6250	HLA-B H2DML2	HAUS5 K7EQ61
6251	SNRNP40 Q96DI7	CALN1 Q9BXU9
6252	ND2 V9J3Q6	ITPA Q5NT82
6253	ND6 F1B7E6	SPATA5L1 H0YCA5
6254	GAPVD1 A0A0A0MQV8	ABCB1 A4D1D2
6255	F13A1 H0Y4W5	NOTCH1 H6VYP0
6256	LOXL3 Q53TY1	PGAM1 P18669

6257	CREB3L2 Q70SY1	MYB Q708E8
6258	SCIMP Q6UWF3	BMP6 Q4VBA3
6259	GPX4 K7EJ20	TRIM45 Q9H8W5
6260	HLA-C V5L6F7	KCNQ1 Q9UIX4
6261	INO80 H0YMN5	HLA-DRB1 A7X5I8
6262	VTI1A Q96AJ9	ELK1 Q6FG56
6263	C8orf48 Q96LL4	SLC10A2 Q12908
6264	HLA-C V5L6E3	ND5 A0A023QSS7
6265	LTK Q4G0N3	RC3H1 B9EGU6
6266	CDH12 P55289	PGPEP1 U3KQ24
6267	PCTK3 Q8IWB3	TNFAIP2 H0YLC0
6268	ANXA6 H0YC77	TMED2 Q15363
6269	ZNF473 M0R2N2	NUP54 Q7Z3B4
6270	INSM2 Q96T92	AGAP4 Q96P64
6271	RFWD2 H0Y340	ZNF790 E9PQ03
6272	USP43 Q70EL4	HLA-A C7E580
6273	ND5 U3L3J4	COX3 H9Q2D8
6274	MATR3 D6RBI2	LPL Q8NEW3
6275	CFTR Q6KED3	HLA-B D3U3R2
6276	ZNF433 F8W0C9	MLH1 Q64FK0
6277	HLA-A G1EP89	ILDR2 Q71H61
6278	STK24 B4DR80	RPS28 P62857
6279	LRRC20 Q8TCA0	F9 Q19UI2
6280	PSMA4 P25789	NANOGP8 J7HAX8
6281	TMEM67 F8WCQ6	AHCTF1 Q8WYP5
6282	EYA1 Q99502	CYTB Q7Y784
6283	GPR37 O15354	PPP2R5B A0A024R593
6284	HLA-C W0NUA7	CYTB Q6VHA3
6285	ATP6 S5S9I7	TUBB Q96B85
6286	NME9 H7C5P8	ND5 A0S939
6287	ZNF700 A0A087WVH9	RPL18 A0A075B7A0
6288	kr-znf3 Q13582	HLA-C F2VNS8
6289	IL7 D0EYG7	FOXP3 Q9BZS1
6290	ODF4 Q2M2E3	MRPL28 A2IDC7
6291	UTY F4MHJ0	HEL-S-67p V9HWC2
6292	RASGRF2 O14827	BCL6 A5PL18
6293	DDX24 Q9GZR7	TRIM39 A2AAZ5
6294	SLC7A6 H3BSB6	ALDH3A2 K7EN73
6295	TP53 E7ESS1	CREB3L2 Q70SY1
6296	CCNI Q14094	PALLD D6RBB1
6297	ND4 A0A096Y9Q3	ATP8 A6YTJ7
6298	PLEKHA4 Q9H4M7	EHD1 C9JIJ3
6299	HLA-C F8LSV7	ATXN3 D3VVD5
6300	CCND3 D6RDL3	HEL-S-62p V9HWA9
6301	HLA-A D6MLJ9	SLC9A3R2 H3BN50
6302	CHPF2 H7C5L5	PRPSAP1 Q14558
6303	PIGQ D3DU51	HLA-C M4MGG5
6304	ZNF845 Q96IR2	YWHAZ H0YB80
6305	NCOA4 Q13772	ND4 A0A059RXA6
6306	ND2 Q305D3	HLA-A H9BNV2
6307	HHAT B1AK61	GLUL P15104
6308	ND4L A0A097Q880	CIZ1 F5H2X7
6309	MYO1B H7C2Y7	SPAG5 K7ELC8
6310	CPA4 Q9UI42	LIMD1 C9JRJ5
6311	COX1 E9K944	ZNF687 Q8N1G0
6312	DKFZp781D2217 Q68DE0	SCN8A F8W0Q0
6313	TATDN1 E5RG62	B4GALT4 C9JY35
6314	RABGAP1L Q5R372	ATP8 A6YTJ7
6315	AT3 Q8J000	CHRNA7-2 B1N7F9
6316	COL5A3 P25940	SMAD1 D6RD62
6317	SAP18 O00422	COX2 E9P659
6318	CREBBP B5A248	HLA-G O19809
6319	ZNF233 K7EJT0	ND5 A0S2X6
6320	FCGR3B O75015	ND5 G5D831
6321	HLA-C E7D2A9	ND2 A0A075X839
6322	PSMD1 Q05CW6	ZNF280D Q6N043
6323	ARL1 B4DZG7	CYP19A1 E7EQ08
6324	HLA-C D3U3Q4	ITM2C A0A024R466

6325 DKFZp686J1169|Q7Z3T9 PCDH15|Q96QU1
 6326 PMM2|H3BM92 CADPS2|A0A087X1P3
 6327 ERBB4|Q15303 ZNF708|P17019
 6328 MSX1|E9KXU7 ALDOC|P09972
 6329 NEUROD2|Q15784 RPS25|P62851
 6330 HLA-A|E0YTH1 hCG_1643547|A0A024R3Y1
 6331 TMEM38B|H7C4C1 COL7A1|Q02388
 6332 HLA-C|G0ZML4 KIF5B|Q2TA90
 6333 HRNR|Q86YZ3 RBM12B|E5RHG1
 6334 HEPH|A0A0C4DG76 HBS1L|H0YDX7
 6335 MICA|J7IHS8 GNB2|P62879
 6336 ND3|I6ME00 RPS15A|H3BV27
 6337 ND2|H9SR06 CDKN2D|P55273
 6338 SLC25A22|K4DIB0 HLA-C|M9PA31
 6339 SOD2|A0A0C4DG56 OTUB1|Q96FW1
 6340 PKM|H3BQ34 OR2A1|Q8NGT9
 6341 HMGA2|F5H6H0 SAMD11|I7G293
 6342 ZNF678|B1APK8 CADPS2|X5D321
 6343 PITX3|A0A0B5HFC0 CYP26C1|Q6V0L0
 6344 HLA-B|C6K6H5 LYPLA1|O75608
 6345 RPL27|A0A024R1V4 ANXA2|H0YLV6
 6346 ND2|A0A023Q694 HLA-A|G1EP19
 6347 ALPP|P05187 NCOA2|H0YBB6
 6348 CP|H7C5R1 ATP8|E5QB59
 6349 MAEA|Q7L5Y9 MUC15|Q8N387
 6350 FAM13C|Q8NE31 FGG|C9JU00
 6351 ATP6|H9QRN9 FAM111B|Q6SJ93
 6352 CYTB|H9SCZ1 ND1|H9P675
 6353 KSR2|E9PB13 ND4|B2XG13
 6354 CIRBP|K7EJV1 ITGB8|Q9BUG9
 6355 ND4|T1Q517 COX1|B2XM03
 6356 DUS4L|F2Z2E4 ATP6|Q6RQW5
 6357 MAST1|K7EJZ9 NFAT5|F6X8W2
 6358 LZTS2|S4R3W7 BMP7|B1AL00
 6359 TRIM59|C9JE08 BRCA1|A0A068BI44
 6360 WNT1|A0A087WXR9 HLA-C|A0A0A7C5Y0
 6361 INTS4|Q96HW7 CDCA1|A0A024R8Y0
 6362 CEP57|F5GXS6 HPGDS|O60760
 6363 CCNT1|O60563 TUBB6|B3KS31
 6364 HOXD8|A0A0A0MSX5 TARS2|U3KQG0
 6365 RBFOX1|F8VR27 PSPH|C9JEJ7
 6366 ATP6|F2WGI7 ND5|A6ZFS5
 6367 DKFZp68601827|Q5HYC7 IFT74|A0PJM7
 6368 CSNK1E|P49674 VCAM1|P19320
 6369 HLA-B|H2BEA4 VDR|T1WRW3
 6370 MBTPS1|H3BV53 SLC5A6|E7ENG0
 6371 SDR39U1|Q9NRG7 CCT7|B7Z1C9
 6372 SFTPA2|Q8IWL1 PFKFB3|Q9BQU2
 6373 HLA-A|A0A090KKK5 PRNP|Q53YK7
 6374 ZFAND2B|B3KQB0 MAP3K8|Q5T857
 6375 MMP11|H7C3I7 DCLRE1A|Q6PJP8
 6376 ZNF536|A7E228 ADCY4|G3V262
 6377 SIPA1L1|A6H8W6 HERC1|Q15751
 6378 CMSS1|Q9BQ75 ASIC3|Q9UHC3
 6379 PDE6A|F1T0K3 TAC1|P20366
 6380 PTPRC|A0A0A0MT22 PCDHGA1|Q9Y5H4
 6381 MXI1|P50539 CHMP4B|Q9H444
 6382 XCR1|P46094 CENTG3|D3DX07
 6383 HLA-A|W0HE66 STX17|P56962
 6384 SLC16A10|Q9P1I2 HLA-B|F4NBZ5
 6385 CES4A|Q5XG92 HLA-C|C0KJY6
 6386 HLA-B|C8CAX9 RAD52|F5GX32
 6387 ZNF433|F8VU36 MBTPS1|H3BV53
 6388 OSBPL8|Q641R2 DYNC2H1|Q49AI6
 6389 HAS3|O00219 TPO|Q502Y3
 6390 ALPI|A0A024R4A2 SLC1A3|P43003
 6391 BAIAP2|I3L113 ZNF737|M0R1D1
 6392 ATP6V1C1|A0A024R9I0 PPP2R2A|E5RIY1

6393 ESR1|C0LLI8 HLA-DQB1|A0A0A7C934
 6394 CD6|Q8WWJ5 HLA-DRB1|Q861H6
 6395 ND2|C7SK84 HELZ|A0A075B6R3
 6396 PTHLH|F5H485 FADS6|A0A087WYB9
 6397 ERGIC2|Q96RQ1 ZNF33B|Q6P1A4
 6398 COX1|H9PJX4 LDLR|J3KMZ9
 6399 COX1|A0A059QDN3 ZNF836|M0QYS4
 6400 POLR1B|C9JS83 ZEB2|E7ESP8
 6401 MYO9A|H3BSU8 CNDP2|J3QRD0
 6402 UBQLN4|Q9NRR5 ND5|E5DY19
 6403 KDM2A|I3VM53 NADH5|Q4GUX8
 6404 PNCK|C9J8P0 MED15|C9J1I1
 6405 NRF1|Q16656 HLA-A|D5FHK0
 6406 HLA-C|D7NP23 PYCRL|A0A087WTU2
 6407 CTNND2|B4DRK2 ACSBG2|K7ESF1
 6408 TENM4|H0YCJ4 WNT4|H0Y663
 6409 DUX4L6|P0CJ89 HLA-DRB1|A7UHG3
 6410 NONO|Q15233 TERF2|J3KSZ6
 6411 EWSR1|FLI1|F1JVV7 PHLDA1|Q8WV24
 6412 CTDSP1|A0A024R414 LPL|E5RHN7
 6413 SRC|Q71UK5 AGMAT|A0A024QZ78
 6414 EZR-ROS1|J7M2B1 PRB1|A5D903
 6415 HAO2|Q9NYQ3 BCLAF1|E9PK09
 6416 HLA-DPB1|A0A0A7C5H7 HLA-A|D8MIW0
 6417 NUDT8|Q8WV74 TLR1|Q5FWG5
 6418 CCR5|H9MHK7 HLA-A|C6H0N8
 6419 CP|Q6NSB2 GalNAc-T10|Q58A70
 6420 ALKBH7|Q9BT30 HLA-C|F2VNU1
 6421 CRK|L7RT18 CYP4A22|A5PKT5
 6422 SPNS3|Q6ZMD2 POT1|Q5MJ33
 6423 ADAMTS17|Q8TE56 RHBDD1|C9J1R4
 6424 HLA-A|D6MLN9 ADAMTS1|E5RJR7
 6425 DHX32|X6R717 YWHAZ|P63104
 6426 MAPK8|B5BUB8 SLC9A5|H3BNY2
 6427 MARVELD2|D6RA09 IL22|Q9GZX6
 6428 PLCD4|H7C237 SLC6A4|B3VRV0
 6429 CREBBP|B5A243 ND5|V5JM76
 6430 Hosa(Adygei)-T2R46|Q50KH1 CTIF|O43310
 6431 ND2|Q5Q3N7 DKFZp781D1727|Q6AI05
 6432 TOM1|B0QY01 HLA-DQB1|M4NBX9
 6433 FTSJ3|J3KS36 UNC5D|Q6UXZ4
 6434 FGF2|D9ZGF5 HDLBP|H7C3D0
 6435 POLD2|A0A087WWF6 KPNA6|G1UI19
 6436 CSPG3|Q4LE67 ATP6V1B1|C9J5E3
 6437 PRSS57|A0A0A0MR61 WEE1|H0YEJ2
 6438 CYTB|H9RDX0 HLA-C|I6TEZ2
 6439 ND4|B4YBV5 DOT1L|V9GY76
 6440 CYB561|P49447 TDP1|G3V5B8
 6441 HLA-C|M9P8J9 GSTM5|P46439
 6442 CARD14|Q9BXL6 ND2|Q15GZ9
 6443 PTBP3|X6R242 HLA-A|K7P558
 6444 IMPAD1|H0YB38 ATP8|C8YAC0
 6445 cytb|A0A0A7DRR5 PFKFB2|O60825
 6446 ZNF429|M0QZ47 USP15|H0YI31
 6447 GRM4|Q14833 PPIL6|B4DEK6
 6448 CYTB|A6YY37 UNC45A|Q9H3U1
 6449 HLA-A|H9BQ78 HBS1L|B7Z524
 6450 ZNF529|K7ES80 IL11RA|Q14626
 6451 CDK5RAP1|H0Y721 HLA-A|U5YCD0
 6452 FAM134B|Q9H6L5 ATP6|C8Y3L8
 6453 GUF1|Q8N442 HLA-C|F8R1B0
 6454 OR2A12|A4D2G4 ARL11|Q969Q4
 6455 GGPS1|A0A024R3W4 SLC6A6|A0A087WY96
 6456 SSH2|F5H527 NDNL2|Q96MG7
 6457 SEC16A|A4QN19 FANCD2|H7BZJ7
 6458 SCRNI3|Q0VDG4 FAM156A|A0A087WTI8
 6459 ND4|H9R171 NPPA|B0ZBE8
 6460 EMR2|A0JNV7 RYR1|G9I593

6461 TLX3|043711 ARL4A|P40617
 6462 ND1|Q5S948 CSRP3|P50461
 6463 OK/KNS-cl.7|Q8NI61 MAN2C1|Q9NTJ4
 6464 FOXF1|Q12946 ND2|F1B605
 6465 DPT|Q07507 HLA-DRB1|D5FID8
 6466 TSFM|F8WCK2 TRMT112|Q9UI30
 6467 SHC1|Q5T181 ARPC4|R4GN08
 6468 SIPA1L3|M0QX89 CTBP2|Q5SQP8
 6469 HLA-B|I2B2Z4 HLA-C|F2X636
 6470 ND5|B8XZ47 RPS26|P62854
 6471 TTC14|C9J974 PCDHAC1|Q9H158
 6472 LRRFIP2|C9JC17 PTPN12|C9JJC1
 6473 CYTB|G9LEP0 RNF141|E9PLX2
 6474 CYTB|K9JRH9 TNFSF15|X6R8I9
 6475 HCRTR1|A6NMV7 HLA-C|I6ZTR7
 6476 ATP6|U3LRA8 LGALS3BP|K7ESM3
 6477 CACNB1|Q02641 KEL|G8FSY9
 6478 CACNA1F|H7C549 DGKE|A1L4Q0
 6479 HLA-E|Q6DU50 AK5|E9PQ08
 6480 DKFZp434N1728|Q69YX3 DRG2|J3QKW7
 6481 C12orf4|Q9NQ89 NRF1|A0A024R770
 6482 HLA-DPB1|A0A0A7C622 RECQL5|A5YM55
 6483 SLC8A3|A7E249 TMEM64|Q6YI46
 6484 ERVFRD-1|P60508 ND2|V9JPX9
 6485 HLA-C|V5NVL1 HLA-C|M9P8R8
 6486 ITGB5|H7C580 RBM17|H0Y6J6
 6487 ST5|P78524 CYTB|I3PZI7
 6488 SLC7A6|J3QL60 HIST1H1T|P22492
 6489 ASB12|Q8WXK4 KLHL3|D6RH21
 6490 DTNA|A0A024RC32 CDH22|Q9UJ99
 6491 CYTB|A0A076MBL6 BRCA1|Q4EW25
 6492 KMT2C|H0Y765 ZNF546|M0QY24
 6493 GNG4|B1APZ0 IL34|H3BPB7
 6494 ITIH2|Q5T985 PAH|F8W0A0
 6495 HMGB3|E9PES6 MUS81|B3KX63
 6496 LMAN1L|Q9HAT1 HLA-B|E3Q0X1
 6497 MFSD7|Q6UXD7 HRH3|Q8WY01
 6498 HLA-A|D6ML40 ERC1|Q8IUD2
 6499 COX2|A0A097QC07 CREBBP|I3L466
 6500 DDIT4L|D6RD49 SLC43A1|O75387
 6501 CYTB|A0A059QPH7 PRKCQ|A0A087X0I9
 6502 ATP2B2|A0A024R2K6 ENTPD2|Q9Y5L3
 6503 HLA-A|A0A0A7C8S1 NPL|A0A087WZ70
 6504 GLT25D2|B3KT92 NIPA1|A0A024R344
 6505 TSTA3|Q13630 LTK|Q4G0N3
 6506 NME2P1|O60361 PTS|Q03393
 6507 RNF32|A0A024RD87 HLA-C|M9P948
 6508 ATP8|H9T6C8 HLA-C|C6JSX7
 6509 XAF1|C9J7Z8 PDE5A|G5E9C5
 6510 MYO1A|G3V587 COI1|Q8HQB7
 6511 ADGRE5|K7EKV5 ND4L|H9E7C3
 6512 SIRT2|Q8IXJ6 FYB|D6RER7
 6513 ATP6|Q5SB58 APTX|F8WBD6
 6514 ARPC2|Q53R19 SLC12A6|A7E2U9
 6515 HLA-DRB1|A0A0A7C3C4 ND1|Q5XRR9
 6516 DUX4|E0Z3F7 HEL-203|V9HVV7
 6517 NEK8|K7EL04 TXNRD1|E2QRB9
 6518 RPL18|Q0QEW2 GBP2|P32456
 6519 LEPRE1|Q32P28 CNIH2|E9PS15
 6520 DKFZp434G0715|Q659D8 HLA-DPB1|A0A0A7C6Z5
 6521 ZNF568|Q3ZCX4 NDUFS6|Q6IBC4
 6522 NNT|E9PCX7 FUCA2|Q7Z6V2
 6523 C16orf62|Q7Z3J2 ARL9|Q6T311
 6524 DKFZp781A1532|Q68DA4 HLA-DRB1|Q5JZX3
 6525 COX2|A0SA07 CYTB|H9QL59
 6526 C1S|F8WCZ6 GATM|P50440
 6527 CYTB|G5D872 RAB3A|M0R257
 6528 ND1|C8XZ66 PDE4|Q86V67

6529 ALDH3A1|C9JMC5 EEA1|Q15075
 6530 RAVER1|E9PAU2 AK3|Q7Z4Y4
 6531 CHD1L|A0A087WTM4 ATP6|Q4EXI2
 6532 PCGF5|Q86SE9 HDX|Q7Z353
 6533 CCNDBP1|O95273 ADCYAP1R1|Q6RKA2
 6534 ND4|D2K1J5 AP1G2|G3V532
 6535 PLAGL1|Q9UM63 SLC01A2|C9K059
 6536 ND2|R9Y898 AP1G1|B4DGE1
 6537 HLA-DRB1|B2CKL1 ND2|H9QZ61
 6538 NR3C1|H6V744 ATP9B|K7EL57
 6539 PABPC4|H0Y5F5 PPP5C|A0A024R0Q7
 6540 HLA-B|Q29836 UBE2A|P49459
 6541 DKFZp313M0722|Q8N3P9 Nb1a04261|Q3LID3
 6542 CDSN|Q7Z560 HLA-C|R4RWU8
 6543 UROS|A0A087X021 MTRR|D6RGC7
 6544 VPS33A|F5H6Y0 PNPLA7|Q6ZV29
 6545 POLR3H|E7ERZ2 HLA-DPB1|A0A0A7C781
 6546 EMC6|Q9BV81 NLN|H0YAF7
 6547 RAC2|B1AH80 ZNF280B|Q86YH2
 6548 AT3|Q8J001 EIF3G|A8K5K5
 6549 ND3|H9E7H4 DEFB114|Q30KQ6
 6550 SIDT1|Q9NXL6 HLA-A|C9E847
 6551 UPP1|C9JIP2 PPARA|Q07869
 6552 FGGY|Q96C11 ZNF483|Q6P088
 6553 ABCA5|K7EQ50 HLA-C|U5YES6
 6554 HLA-A|G1EP09 CCAR1|H0YFJ7
 6555 HLA-DRB1|A7X5L2 ATP6|Q5S9H3
 6556 RAP1B|F5H4H0 IRS-1|M1RSU5
 6557 PCDHAC2|Q6P4R2 CDH7|Q9ULB5
 6558 ANKMY2|Q8IV38 CNGA3|Q16281
 6559 G3BP2|D6RE13 DGKA|F8W1M3
 6560 CCR5|Q5QIN9 HLA-C|D2DKK4
 6561 BCHE|P06276 SRGAP2|B7ZM87
 6562 MDM2|F5GZC3 MYO1C|I3L4D4
 6563 SMARCAD1|Q9H4L7 LIPK|Q5VXJ0
 6564 BMP3|D7NTU5 AQP7|Q5T5L3
 6565 ND5|H9PIQ3 UCHL5|H0Y6Y4
 6566 NR2A|Q547U9 ARHG|Q6ICQ8
 6567 CYTB|E2FPN9 FREP1|Q4L233
 6568 POU5F1|D5K9R5 FPR1|P21462
 6569 ALK|B6D4Y6 C4A|P0C0L4
 6570 QPRT|Q15274 EIF4B|F8VYE9
 6571 SLC30A3|H7BZ83 CYTB|D6R5U3
 6572 SRCAP|Q6ZRS2 AMY1A|P04745
 6573 HMG1|Q6NSG7 MTCL1|J3QL92
 6574 NAT9|Q9BTE0 ABCG2|Q8WZ76
 6575 PABPC1|A0A024R9E2 SAR1B|D6RDB2
 6576 FGFR10P2|Q9NVK5 CREBBP|B5A213
 6577 MAP4K4|C9J840 CACNB4|O00305
 6578 MC4R|A0N0W7 ND1|U5Z754
 6579 KDM4B|A0A0C4DFL8 COX2|A0A0B5E697
 6580 NADSYN1|H0YCQ6 TRIT1|Q9H3H1
 6581 GABRG2|E5RIG3 GSTZ1|G3V4T6
 6582 SYT9|Q8NCP8 ACP7|M0QYV2
 6583 USP34|Q70CQ2 MFN1|C9JQT7
 6584 NME1-NME2|J3KPD9 LIN28B|A7E2T3
 6585 LAMTOR1|F5H479 ATXN3|D6R9I5
 6586 PPL|O60437 PRKCB|H3BV73
 6587 SHH|D9ZGF9 USP13|Q92995
 6588 RAD54L|A0A087WW72 RPH3AL|I3NI49
 6589 TSPEAR|Q8WU66 IP6K2|C9J790
 6590 HSPD1|B9VP19 GABRA5|G3V2G8
 6591 NEFM|A5YM63 SYNCRIP|Q05CK9
 6592 PTPN12|C9J1X8 MICA|I3WCM9
 6593 HLA-DQB1|L0BXV6 SLC16A9|Q7RTY1
 6594 MCM8|Q9UJA3 MAPRE2|A0A024RC33
 6595 ATP8|Q6RM58 LMBR1L|Q6UX01
 6596 POLR2D|E9PB93 CAPN14|A8MX76

6597 SVOPL|C9JVJ9 SLIRP|G3V2S9
 6598 C10orf70|A0A024QZN7 PRDM9|U5YQZ9
 6599 NDUFS1|E5KRK5 ZC2HC1B|Q5TFG8
 6600 WISP3|O95389 CYTB|G4W1N3
 6601 CLNS1A|E9PMI6 ANXA5|D6RCN3
 6602 CCNE2|Q8WUE3 ATPase|Q4GKG8
 6603 DKFZp686D0638|Q68D16 SLC11A2|F8W1P7
 6604 ND4|Q2LHT7 PALM2|C9JZH4
 6605 ND1|A0A059QJL5 COX3|H9NS67
 6606 SYTL2|E9PK22 ATP6|A0A059S1D9
 6607 MVK|B2RDU6 LYZD1|A0A080YUZ8
 6608 ERBB3|P21860 UBXN1|Q04323
 6609 CNOT8|E5RHP3 ATXN3|D3VVL7
 6610 SUCO|Q9UBS9 G3BP1|E5RH42
 6611 SGK494|L7N484 HLA-C|G1EQK9
 6612 HLA-C|D9UAZ7 GBGT1|J7PW20
 6613 N0M03|J3KN36 TRAPPC6B|Q86SZ2
 6614 TSPYL2|Q9H2G4 APC|A1YR11
 6615 CALD1|Q6PJM5 SNTA1|Q13424
 6616 FIZ1|K7ERP0 LDHC|F5GWS6
 6617 STYXL1|Q9Y6J8 PCM1|E7ETA6
 6618 POLR1B|C9JJG2 GAL3ST1|C9JU54
 6619 FOPNL|I3L2N4 APOC1|K7EJI9
 6620 ZDBF2|Q9HCK1 CYTB|F5CUJ0
 6621 FABP5|E7DVW5 CADPS|H7C538
 6622 SLC22A16|C9JTF8 OGFRL1|Q5TC84
 6623 GM2A|H0YBY3 SLC6A3|Q01959
 6624 CD177|Q8N6Q3 ATP6|A0A096Y7G3
 6625 CYTB|H9P319 MMADHC|Q9H3L0
 6626 UEVLD|A8MYV4 HMP19|E5RH73
 6627 ASZ1|Q8WWH4 ZNF433|A0A024R7H6
 6628 COX3|B2XEK5 FGD6|A4FVC4
 6629 ALAD|A0A024R877 MRC2|Q9UBG0
 6630 PABPC1L|Q4VXT4 HCK|J3KPD6
 6631 SLC31A1|O15431 OAS3|F8VWK9
 6632 TNP1|P09430 MICAL3|Q7RTP6
 6633 ND4|Q9B2W5 ZNF229|A0A087X068
 6634 FAM189B|Q96H71 HLA-C|A0A0A7C844
 6635 PAX6|P26367 FIGF|O43915
 6636 DOCK8|E2J6M5 ND3|A0A023R622
 6637 TMEM37|Q8WXS4 PCDHB6|A0A096LNH7
 6638 FTSH|Q9NQ51 PLS3|A0A0A0MSQ0
 6639 PDE1C|A0A024RA78 OR51I1|Q9H343
 6640 STAR|Q6QNJ9 HIST1H2BB|P33778
 6641 OGT|O15294 SLC1A7|F1T0D4
 6642 AADAT|Q4W5N8 SYNE2|G3V5D3
 6643 POLH|A0A024RD62 HLA-B|H9C5J4
 6644 COX3|H9QWF4 ASPM|Q8IZT6
 6645 PES1|O00541 ZMAT4|E5RIF5
 6646 DUOXA1|H0YMH9 CANX|D6RB85
 6647 UBE2V2|Q15819 P4HA3|E9PM97
 6648 HLA-C|Q8HWP7 PGD|K7EM49
 6649 ATF3|Q7Z567 CACNB2|A0A087WWJ0
 6650 ASXL1|H0YJC9 ND6|A0S9S4
 6651 CEPT1|A0A024R0C0 HLA-C|G3DR66
 6652 sej|Q99450 GZMB|P10144
 6653 YWHAQ|P27348 GHR|P10912
 6654 SLC14A1|G3K397 MEP1A|B7ZL91
 6655 ZSCAN32|I3L2L7 TNFAIP3|D3TTZ4
 6656 MGAT1|D6RHZ8 IP6K2|C9JU99
 6657 ZBTB45|Q96K62 LETM1|D3DVQ1
 6658 COX1|W8DEK8 OR10H4|Q8NGA5
 6659 cytb|A7LDE8 TERT|O14746
 6660 CYTB|C7SDW7 ARHGAP40|Q5TG30
 6661 HLA-A|D6MLK9 HLA-C|E5D6M4
 6662 MRPL18|Q9H0U6 ADAM9|A0AVL1
 6663 ROB01|A0A0A0MSX4 VIPR2|X5D7R3
 6664 AP3S2|A0A024RC62 PLAUR|M0R0H5

6665 HLA-DPB1|A0A0A7C6S3 TMRSS5|F5H2M3
 6666 COPZ1|A0A024RB72 ND1|G9LGC6
 6667 LHX2|U3KQT5 ZP3|P21754
 6668 PRB1|A5D903 ND5|D2Y6W8
 6669 EEF1B2|A0A024R3W7 crn|Q8IXG0
 6670 PCTP|I3L3H0 MRGPRD|Q8TDS7
 6671 RLN2|P04090 ARHGAP40|H7BXE0
 6672 PCMTD1|E5RGG7 NRD1|Q96L67
 6673 HLA-C|I6NN86 cytb|Q5GNC2
 6674 KLHDC10|Q6PID8 NRP2|A0A024R3W6
 6675 ALDH1A3|H0Y2X5 HLA-B|C7FDT0
 6676 TSEN2|C9J7Z4 hFKHLB|Q8IXF4
 6677 TOPAZ1|Q8N9V7 HLA-B|B2NIZ4
 6678 PRKACB|B1APG1 TOP1MT|H0YBR3
 6679 ZNF695|F6W2C3 ORC2|Q13416
 6680 MAP3K11|E9PRQ2 ND6|V9JDL3
 6681 KLK3|M0R1F0 TSPAN19|P0C672
 6682 HLA-DQB1|F8LFY5 F9|Q19UJ0
 6683 FLJ00339|Q6ZNI2 CYP27B1|F8VWR7
 6684 NSF|P46459 HLA-C|G3DR66
 6685 ND2|L7XDQ5 C9orf74|A0A024R8C7
 6686 RNF2|Q99496 KRT1|H6VRG2
 6687 ND1|Q5S948 CSF2RB|Q6NSJ8
 6688 COX3|Q305I0 HUWE1|A0A024R9W5
 6689 ND2|E5E139 HLA-Cw|A7LH95
 6690 ND1|A0A059QHY5 HLA-B|I1W1M9
 6691 CYTB|Q0Z7F5 FXDY5|Q96DB9
 6692 NR1H2|M0R1V8 CYTB|B7TNY2
 6693 UTY|E1NZ99 GNA14|O95837
 6694 MIER3|Q7Z3K6 RAB6A|F5GX61
 6695 CYTB|H9QKW8 ZPBP|Q9BS86
 6696 KIF7|B7ZKY4 OR52N4|Q8NGI2
 6697 HLA-A|A9YQ94 ND5|A6YWH7
 6698 CBL|P22681 OC90|Q02509
 6699 SDHA|A0A024QZ30 CYTB|Q7YEF8
 6700 RBM28|A0A024R753 CCDC6|Q16204
 6701 PABPC1|A0A087WTT1 GNA13|A0A024R8M0
 6702 SAMD4B|Q8IXP7 ND4|A0A059RN05
 6703 HLA-B|G0ZMI5 MTNR1B|E9PR36
 6704 UCN2|Q96RP3 RPS15|K7EJ78
 6705 ZCCHC5|Q8N8U3 A4GNT|Q9UNA3
 6706 CYTB|A0A059QT07 YY1AP1|F8WD62
 6707 HLA-C|G1EQK0 TARSL2|H0YKB9
 6708 ZNF630|Q2M218 RIPK4|Q2TB16
 6709 SEC23A|F5H365 C6orf18|Q6IAC8
 6710 CFTR|Q2I0A3 PLAT|P00750
 6711 MB|B0QYF8 BRD1|O95696
 6712 ATP6V1D|Q9Y5K8 NADH5|Q4GEN5
 6713 ATP8B4|Q8TF62 PIGH|H0YLY9
 6714 CSNK2A2|P19784 CDH10|X5DQT8
 6715 RPL36A|H0Y5B4 APOL1|U5LKN4
 6716 GPR12|Q6NWS7 VAMP5|Q6FG93
 6717 ABI2|F8WBL5 POU5F1|D5K9Q7
 6718 HLA-DRB5|Q9TPE2 SLC9A3R2|H3BMF5
 6719 MCM4|P33991 ND2|Q5S9Q5
 6720 SDC4-ROS1_S4;R34|M1VE83 ND4|H6TX00
 6721 ZNF554|K7EQV8 HLA-A|W6SIV4
 6722 FGF13|B1AJW0 NME4|O00746
 6723 ND6|A0A059RNZ2 HLA-C|M9PAE3
 6724 TARDBP|A0A087WXQ5 PIK3R1|H0YBC2
 6725 UNC5CL|Q8IV45 ND1|A0S8J7
 6726 EIF4A1|J3QL52 CLCN1|H7C1F4
 6727 SYT4|Q9H2B2 ZNF585B|E9PQH3
 6728 COX3|A0A059QF86 ARHE|Q53RZ3
 6729 ZNF705D|P0CH99 ARHGEF9|A0A096LPE7
 6730 GNB2|C9JZN1 ZNF257|M0QYA6
 6731 P2RX4|F6SFZ6 ACSM1|E5RFK0
 6732 SORCS1|Q8WY21 HLA-C|D6C6D4

6733 PPARA|B0QYX1 ZNF732|B4DXR9
 6734 SLC2A6|Q9UGQ3 COI|U3M9T9
 6735 CYTH2|M0R2J0 GLT25D2|B3KT92
 6736 MYC|B3CJ92 PRKAA2|A0A087WXX9
 6737 ECHDC2|Q86V13 STMN1|Q96CE4
 6738 CD4|Q13969 YWHAZ|E5RIR4
 6739 ALDH3A1|P30838 KRAS|P01116
 6740 NCOR2|C9J7T7 RGS14|H0Y8W3
 6741 HLA-C|C0KJY1 GSTM1|P09488
 6742 ND5|G9LAW2 CYTB|A0SCE8
 6743 PRSS1|Q53ZV8 PTPN7|P35236
 6744 KDM6A|F5H6S1 ND4|S4UQT8
 6745 HLA-A|G1ENE2 UBE2L3|P68036
 6746 MEF2A|Q02078 TMEM171|Q8WVE6
 6747 IL24|Q13007 ATP6|A0A023QE67
 6748 ARHGDIB|F5H2R5 MGC131512|Q2KHS0
 6749 BNC2|H0Y6W5 ZFP112|Q0VG01
 6750 ZNF134|Q6PJU4 ND1|H9SQ95
 6751 HUS1|Q060921 ATP6|V9N5U4
 6752 ND4|G5D869 PPFIA3|O75145
 6753 DKFZp762B226|Q68CM9 GJB1|P08034
 6754 COX3|Q2HKT7 ZNF780B|M0R168
 6755 TMF1|P82094 HLA-C|M9P9N1
 6756 ZNF850|A8MQ14 ZSWIM3|Q96MP5
 6757 SLC25A37|F8W9Q7 HLA-C|G1EQ50
 6758 HLA-Cw|E2GJR4 ACSL3|O95573
 6759 ROBO3|F5GWJ5 IMPDH2|Q6RUP8
 6760 IRG1|A6NK06 RHAG|A0A0A8IKZ2
 6761 NARS2|Q96I59 HLA-G|Q6B849
 6762 LBH|B5MCP4 ND5|I6QHH7
 6763 ATP6V1C1|A0A024R9I0 HLA-C|Q9BD09
 6764 IL5RA|A0A024R2C8 OR10R2|Q8NGX6
 6765 RHD|B0B3T4 NBEA|Q8NFP9
 6766 ND5|U5KP70 DKFZp762K012|Q69YQ2
 6767 ZNF446|A0A087WUM8 PEX11G|Q96HA9
 6768 FUT1|B3GVB9 EIF3B|C9JQN7
 6769 PAK6|A0A024R9Q4 HLA-B|M9P8U2
 6770 PkB-like|Q9UPJ7 CYTB|Q6VIN3
 6771 UGT1A3|Q5DT01 BCR|P11274
 6772 ZNF83|M0R1T0 SKP1|E5RGM3
 6773 HLA-G|Q6B844 PHF13|Q86YI8
 6774 IGFBP3|C9JMX4 OR5K2|Q8NHB8
 6775 HLA-C|H9C5I9 GPR161|Q8N6U8
 6776 HLA-C|V5LKU1 ANGEL2|Q5VTE6
 6777 STAT5A|Q8WWS9 FOXN2|C9JTA7
 6778 HLA-C|G0ZDW5 HNRNPK|S4R457
 6779 KLF13|X5DNR2 HLA-A|G1EP93
 6780 MAP3K8|P41279 GOLPH3|Q9H4A6
 6781 hCG_2011440|Q5VZ79 ZAK|Q9NYL2
 6782 HLA-C|M9PAN3 CYTB|B4YDT0
 6783 ND4|A0A059RKV7 RCAN3|H0YF64
 6784 PIGQ|H7C336 MARC1|Q5VT66
 6785 CDC25C|H0Y999 OXA1L|Q2M1J6
 6786 BIRC7|Q96CA5 ZNF559-ZNF177|S4R342
 6787 ND5|G9LDJ8 ND3|S5SA55
 6788 ATP8|E1B2Y7 HLA-C|G1ENP2
 6789 SMAD2|K7EJX0 CTNNA1|E5RHV7
 6790 HLA-C|F1CCL2 DVL3|C9K0P9
 6791 SGSM1|Q2NKQ1 POLL|Q5JQP3
 6792 CLGN|D6RAZ4 CNN2|Q6FHE4
 6793 ZNF33A|A0A0A0MR11 COII|C5H6M8
 6794 HRH3|Q8WXZ9 H3F3B|K7EK07
 6795 ALPPL2|P10696 SMC2|A0A0C4DGE5
 6796 ND2|Q4VFB0 SPACA3|Q05C28
 6797 ND5|V5JQE6 HLA-C|D6ML88
 6798 HLA-C|G0ZMJ6 BLMH|K7ESE8
 6799 RB1|Q6LE82 HLA-C|C5IZY3
 6800 CRY2|A2I2P1 POLG|E5KNU5

6801	ATP6 Q6VLT0	ZFP28 K7EL00
6802	NOL8 F5H8B8	TMEM41A Q96HV5
6803	PARL H7C1V6	MMP2 A0A024R6R4
6804	ND4 G9LW0	ATP6 D7P9H2
6805	RPE C9J6A7	PLS3 P13797
6806	ZFAND6 H3BT16	AQP7 O14520
6807	A2M P01023	TP53 D5KL88
6808	UTY F4MH75	COX3 U3LB43
6809	ESX1 A6ZIT8	USP39 A0A087X1B2
6810	HLA-A G1DUW4	SRY U5XMN5
6811	PPP1R3E Q9H7J1	MED22 Q15528
6812	HLA-C D3JV31	MIEF1 Q9NQG6
6813	SENP8 H3BTK5	COX3 Q6VIM0
6814	ND1 J7HWH1	ND4 V9J0Z6
6815	SLC45A2 Q9UMX9	HLA-B G0ZMJ0
6816	C9orf3 H0Y7M4	HLA-B D5FHZ2
6817	PPY K7EML0	ND6 Q7YEG7
6818	PWWP2B Q6NUJ5	SEPT2 C9JFT1
6819	ZNF197 O14709	PROS1 Q8IXC4
6820	HLA-C Q7YNY5	CENPP A0A087WTF1
6821	ND5 E5EXH0	TCF3 P15923
6822	NPPA B0ZBE8	UGT1A3 A7ISW3
6823	LBP P18428	ND2 A7IZ41
6824	ATP6 W8D5F7	ND5 G0XP03
6825	CLEC12B A0A024RAN4	SIRT2 A0A087WYM3
6826	KCMF1 Q9P0J7	HLA-B A8VYQ6
6827	ARHE Q6FGN7	HLA-DRB1 Q9TQ39
6828	HNRNPM A0A087X0X3	DDX19B Q9UMR2
6829	GLRA4 Q5JXX5	SPRR1A P35321
6830	p53 G4Y083	HLA-DQB1 R4QGJ2
6831	FADS3 Q9Y5Q0	ND2 T1Q6B2
6832	HLA-C R9QZ23	SNTG2 Q9NY99
6833	DKFZp686N224 Q6N074	CTNND1 Q96FS1
6834	ZNHIT2 Q9UHR6	CAMK1D A0A087WUR6
6835	HLA-DQB1 A0A0A7C635	TRNAU1AP Q9NX07
6836	ECHDC3 Q96DC8	C21orf57 Q8TBC8
6837	GABRA2 Q4W5L8	ND5 E2CZ46
6838	CHRNA7 P36544	MADCAM1 A0A087X1F1
6839	hCG_19665 A0A024QZF1	SMAD5 Q99717
6840	COL8A2 P25067	ABCB4 A8HT72
6841	EEF1D E9PI39	EEPD1 Q7L9B9
6842	NIPAL2 Q9H841	HLA-B A0A0A7C699
6843	UCN3 Q969E3	ABCB4 A8HT68
6844	HLA-C A0A090KFT5	KCNJ3 D2XBF0
6845	ADD3 Q5VU08	HBD/HBB Q5XTR9
6846	HLA-A Q3BK35	ARFGAP2 E9PJT7
6847	ZNF112 K7ENS0	ACTR3 B4DXW1
6848	PRDX6 P30041	LARGE B0QY11
6849	ZMAT2 R4GNG8	DHX37 Q8IY37
6850	HLA-A I3QHR1	MYC B3CJ94
6851	NTRK3 Q16288	NWD1 Q149M9
6852	GBP3 Q5T8M0	CYTB Q4EXD6
6853	DOCK8 E2J6M6	CTSB A0A024R374
6854	PFKM Q96I60	PSMB10 J3QQN1
6855	CTSH A0A087X0D5	ITPR1 A0A024R2I2
6856	ND5 E2J0Z7	HLA-C U5YF54
6857	ATAD2B Q9ULI0	ATP6 Q4VFB5
6858	DMRTC2 M0R2D7	DUOX2 S6CBA9
6859	PUM1 Q5T1Z8	F8 A5JQJ8
6860	ND2 F1B657	CORIN J3KR90
6861	PES1 B5MCF9	COG2 V9GY21
6862	KIF1Bbeta Q4R9M7	PGA3 F5H842
6863	CROP Q86Y74	EXTL3 E7ET85
6864	HLA-Cw E5G0X1	HLA-DQB1 A0A059WJG5
6865	MRPL11 Q9Y3B7	TNFAIP8L2 Q6P589
6866	HLA-A D7NPA7	SHROOM2 F5H3B6
6867	COX1 A0A059RPW0	MAP4 E7EVA0
6868	ZRANB2 O95218	ASTE1 Q2TB18

6869 SEPT11|D6RDU5 ZSCAN21|C9JHD9
 6870 LCE3C|Q5T5A8 PPM2C|Q6P1N1
 6871 HLA-C|A1DZT7 RGS2|A0A024R939
 6872 MAP3K12|Q12852 CLCN5|P51795
 6873 PRM3|Q9NNZ6 FLJ00241|Q8TEF6
 6874 COX3|A3RM82 ATP6|Q0ZK68
 6875 WNT9B|Q6ZS96 PABPC1L|Q4VXU2
 6876 PPP1R14D|E9PAT1 HLA-DQB2|H0Y7Y7
 6877 MYLK|Q15746 CYTB|A0A068BVM0
 6878 CAMP|J3KNB4 EPB41L4A|D3DT02
 6879 RBMY1F|Q15415 DKFZp686L23131|Q7Z364
 6880 CYTB|Q5XT25 HLA-C|A0A0A7C7T8
 6881 CYTB|U5Z1X2 DHDDS|E9PL99
 6882 TLR10|D1CS30 DUSP8|Q13202
 6883 CCDC40|Q4G0X9 ND2|V9J1J4
 6884 HLA-DRB1|D9UAX4 REST|L0B3M6
 6885 PLCB3|Q01970 TWIST2|Q8WVJ9
 6886 PRODH2|Q9UF12 NDST1|E5RG58
 6887 HLA-DRB1|A0A0A0WGI7 DKFZp686J1732|Q63HN4
 6888 HMX3|A6NHT5 SST|P61278
 6889 INTS10|H0YBB0 DBNL|F8WB73
 6890 ATP6|L7XTN8 HLA-B|E3SWH9
 6891 SP9|P0CG40 ADSL|A0A0A6YY92
 6892 COX2|Q0Z7D8 HTATIP2|Q9BUP3
 6893 ACSBG1|H0YNX0 CD14|F1C4A7
 6894 HLA-B|Q95IA5 FLG|I0B0K4
 6895 COX3|E5DY67 URG4|A0A024RA74
 6896 SEMA6C|Q9H3T2 HLA-DQB1|U3PYN7
 6897 PAIP1|D6REB4 SPX|F5GXE5
 6898 TIMM9|Q9Y5J7 KDM6A|F5H6S1
 6899 CBLB|C9JRB3 RAD54L|A0A087WVW5
 6900 FPR2|M0QXD3 KCNC3|Q14003
 6901 PRPF8|I3L3Z8 ABCA10|E5RFN6
 6902 OR9A2|A4D2H9 VSIG4|Q9Y279
 6903 CYTB|R9Y6F7 ATP6|F2WGK0
 6904 FLT1|H9N1E7 SHCBP1L|Q9BZQ2
 6905 HLA-Cw|Q860R7 FXN|H7C585
 6906 SCRNI2|Q96FV2 FLJ00132|Q8TER1
 6907 SLC9A3R2|Q6NTG0 SIAH2|C9J9D7
 6908 ND2|A0A088CNH3 FBX08|D6RIC0
 6909 PIGF|Q6IB04 HSPA8|E9PN89
 6910 PARVG|Q9HBI0 PER3|A6H8X0
 6911 CSF2RB|Q6NSJ8 CDON|E9PPQ7
 6912 SIK3|H0Y4E8 KLHL33|A6NCF5
 6913 WDR45|A0A024QYX1 CFTR|Q99989
 6914 SLC10A3|Q5HY78 PRRG2|O14669
 6915 SDC2|A0A024R9D1 ATL3|Q6DD88
 6916 FGFR3|P22607 MGME1|Q9BQP7
 6917 DPH2|E9PMH7 THAP3|Q8WTV1
 6918 NFE2L2|C9J3K4 ND6|L7NV95
 6919 TLR2|D2JYJ3 GALT|A0A087WX10
 6920 NCSTN|Q92542 SLC14A1|F6L6Y5
 6921 ELAVL4|B1APY9 AMPK|A0A0A0N0L1
 6922 TSPY4|P0CV99 GNA11|P29992
 6923 GCA|P28676 RPS23|P62266
 6924 ITGB7|F5H6T4 HLA-A|T1WF44
 6925 COX3|A0A059RQG8 CTRL|P40313
 6926 HLA-C|V5JAP5 CCL22|O00626
 6927 ALAS2|P22557 HLA-C|S5DU01
 6928 HIST3H2A|Q7L7L0 CYTB|F2WN67
 6929 HLA-A|D1MEQ1 IFI27|P40305
 6930 PPTC7|Q8NI37 LHX4|Q969G2
 6931 HLA-C|D5FZM4 ZMYND8|Q569J9
 6932 STK40|Q8N2I9 XXYLT1|Q8NBI6
 6933 NT5E|H0Y3X5 TTC1|Q99614
 6934 API5|Q9BZZ5 SLC16A7|F8W0U4
 6935 ATP6|Q4VFK9 SEC61A2|C9JJV4
 6936 DEK|P35659 SLC25A2|Q9BXI2

6937 HEL-S-277|V9HW53 LARGE|X5DR28
 6938 ATPase|Q4GQ17 DDX6|P26196
 6939 FGG|C9JU00 SUPT6H|Q7KZ85
 6940 KLK8|B3FQ95 RASSF8|F5H8B9
 6941 EIF4A3|P38919 PVRL3|Q9NQS3
 6942 CYTB|G9IFJ4 PPFI BP1-ALK|G5EKE5
 6943 WNK1|D3DUP1 CDC37|Q16543
 6944 DDX13|Q9BQJ5 ND5|Q2LHB7
 6945 NELFA|F8W954 HOXB7|P09629
 6946 TUBA2|Q1ZYQ1 MCPH1|Q6W788
 6947 D2HGDH|H7C290 CAV3|P56539
 6948 CYTB|Q2LHQ8 SLC22A16|X6RE50
 6949 FSTL3|O95633 STM7|Q7KYT4
 6950 THRAP3|Q9Y2W1 ATP6|Q85KY8
 6951 MPST|B1AH49 HLA-A|E2GJG4
 6952 KXD1|Q9BQD3 FBXL22|Q6P050
 6953 NRP1|Q5T7F0 HLA-C|G9HWA2
 6954 CALM2|F8WBR5 ZFY|P08048
 6955 ICAM3|Q5NKU1 SPP1|P10451
 6956 HLA-A|V5LDU3 APOA4|Q13784
 6957 MSH5|A0A024RCV6 ALB|P02768
 6958 PHF7|H7C4N0 CRX|A4GUB7
 6959 ND2|H9T686 VLDLR|P98155
 6960 HLA-C|C0KJY0 PAX5|E7ERW5
 6961 DKFZp686L17145|Q7Z355 SUCLA2|Q5T9Q8
 6962 MAST2|A0JLR0 LBX2|Q6XYB7
 6963 UNC13D|Q70J99 PRSS55|Q6UWB4
 6964 CDH24|Q86UP0 GSTA5|Q7RTV2
 6965 KALRN|C9IZQ6 HLA-C|G1ENX6
 6966 DENND2A|Q9ULE3 CELF1|F5H4Y5
 6967 RHD|Q5QPZ8 ACOXL|H7C345
 6968 ND3|A0A059RP55 MET|B5A941
 6969 TOM1|B0QY02 UNG|B4DRT6
 6970 CDK5R1|Q8N619 ZNF135|P52742
 6971 NPR3|P17342 ZCCHC7|B4E024
 6972 HLA-C|C0KJW5 HEL-S-109|V9HW75
 6973 STIM1|E9PN27 FBXO11|H0YAV3
 6974 HLTf|Q05DF7 ADAMTS9|A0A087WTS1
 6975 SMC2|B7ZLZ7 HLA-C|D7NPC0
 6976 GPR161|A0A0A0MQW8 PROS1|Q8IXC6
 6977 HLA-DR15|D6MJB9 tgat|Q7Z2K2
 6978 ADHFE1|Q8IWW8 SMARCA2|A0A0A0MT03
 6979 TULP3|O75386 CNOT2|F8VV52
 6980 PLEK|P08567 KCNJ11|E9PPF1
 6981 CTSK|Q5QP40 MYH4|Q9Y623
 6982 PSMC5|J3KRP2 HLA-C|E0WBP8
 6983 CUL4B|K4DI93 CUTA|C9IZQ5
 6984 HLA-A|D7NPA3 ADC|Q96A70
 6985 STX17|E9PJV6 CDC34|A0A024R1Z1
 6986 RADIL|Q96JH8 ATP8|Q4F0Q1
 6987 RHCE|A0A0B5JJ59 PITRM1|H0Y7L7
 6988 cytb|A7XTX6 SPIN2|A0A024R9W1
 6989 AQP9|Q6FGT0 B3GNT3|M0R199
 6990 ZNF672|Q499Z4 CHPT1|H0YI84
 6991 OR10S1|Q8NGN2 HLA-C|E1XUP6
 6992 RPL28|H0YLP6 MSX1|E9KY03
 6993 GAPVD1|A0A024R862 NAT2|A4Z6T8
 6994 CYTB|T1Q660 DKFZp686H05229|Q6N0A7
 6995 CCBP2|A0A024R2X7 HLA-C|M9PA39
 6996 Bach2|S0BE05 HLA-C|E0WBR6
 6997 AADAT|Q8N5Z0 POU5F1|B5B8P4
 6998 STAB1|Q9NY15 RXRG|P48443
 6999 DKFZp686D12108|Q5CZI2 HLA-C|M9P9B6
 7000 PPP3CB|Q5F2F8 PRMT7|H3BRQ9
 7001 ZNF280C|Q8ND82 DYNC1I1|A0A0A0MTG2
 7002 CDH2|C9J126 GPR22|Q3KNS9
 7003 ND2|F1B6I7 MMP28|B3KV06
 7004 PCED1B|Q96HM7 NPAS3|X5DR67

7005	SIRT2 B5MCS1	PCYT1A C9JPY0
7006	NAA25 Q14CX7	HLA-C U5YF20
7007	ZNF572 A1L4E9	AKR1B1 A0A024R7A8
7008	ATP6V0D1 P61421	SRSF1 J3KSW7
7009	ANGPTL3 Q9Y5C1	CERS6 Q6ZMG9
7010	ADRBK2 A0A024R1D8	PLEKHG2 E7ESZ3
7011	COX1 B2XHY2	MAGEC1 O60732
7012	GABPB2 Q8TAK5	DUSP3 B5BUI8
7013	SPATC1L Q9H0A9	PREX2 Q70Z35
7014	GABRB2 P47870	ZNF432 M0R258
7015	MSH5 A0A024RCN2	ND5 V9JJF5
7016	NSMCE4A Q9NXX6	HLA-C D6MLF3
7017	RAB3A S4R3Q3	SEPHS1 Q5T5U6
7018	EXOSC4 Q9NPD3	ATP8 D7SFF4
7019	ND2 C8YAY8	CYTB H9PLN2
7020	CYTB A6YTJ2	SLC28A1 B7Z3L6
7021	SAMSN1 Q9NSI8	ATP6 A4ZLL3
7022	CERS3 H0YN05	MICAL3 E9PP85
7023	RPUSD1 H3BRG3	TRERF1 Q96PN7
7024	ND1 A0A075XDG3	PXYLP1 B7Z4T2
7025	EIF4E1B A6NMX2	WDR45 G8JLI5
7026	ATP5G1 D6R9H7	MYO10 Q6IPD7
7027	MMS19 Q96T76	HLA-C F2VNQ1
7028	AGK E9PC15	PCBP4 F8WC71
7029	CEBPD Q504X4	CACNA1C F5H0X0
7030	PDCD6 Q86W51	NHP2 Q9NX24
7031	HLA-C M9P9L6	DMRT1 H3BN61
7032	TFPI P10646	CD19 P15391
7033	CYTH1 Q15438	CACYBP Q9HB71
7034	MTMR14 Q8NCE2	ABCC2 Q92887
7035	CMPK2 I1Z9C7	ATP6 D6C298
7036	MTRR H0Y8S9	ZNF33B Q3B799
7037	FOXP1 A0A087X299	DLX5 Q53Y73
7038	LIMS3L P0CW20	ATP6 B2WS29
7039	ZNF320 M0R0Z8	COX3 H9E7H3
7040	OPRL1 P41146	RASA1 A0A024RAL2
7041	POLM F8WB78	HLA-B K7P5S2
7042	HLA-A S4T722	TMED6 Q8WW62
7043	CLK1 B8ZZR0	ADD2 P35612
7044	RAMP3 J3KR56	FKBP1 Q9UIM3
7045	TGM4 P49221	DHX37 Q8IY37
7046	PNPLA1 Q8N8W4	TUBB3 G3V542
7047	ARNT2 X5DP31	COX1 B1NVJ4
7048	ATP6 Q7Y788	PRSS42 Q7Z5A4
7049	PPP1CB E7ETD8	GGCX P38435
7050	MT01 H7C2S9	CD44 H0Y5E4
7051	TERT Q9UNS6	PLXDC1 C9JWQ3
7052	ND1 B0Z6P6	HKE1.5 Q54AJ0
7053	KDELRL M0R1Y2	ICAM3 Q5NKU1
7054	HLA-B A0A059WRJ1	GH1 P01241
7055	CYTB A1E221	SUMF2 Q8NBJ7
7056	ANXA2 H0YNA0	FZD9 Q8TAN2
7057	HLA-A Q29634	ZCCHC8 Q6NZY4
7058	ESR1 P03372	HLA-C F4YU76
7059	GPR30 Q6FHU6	HLA-C E0YTP0
7060	EIF3H B3KS98	MTX3 Q5HYI7
7061	HLA-A G1EP98	ZNF485 A0A024R7T5
7062	EPN2 J3KSC7	COX2 U3LSI8
7063	HLA-C K7P4Z8	ND5 F2WGS0
7064	HLA-C J9PW09	USP19 E7EST9
7065	POU6F1 Q3B832	ARPC2 G5E9S7
7066	FAM21A Q641Q2	TBCEL Q5QJ74
7067	LDLR H0YMD1	ALK A0A087WZL3
7068	AASDHPPT E9PNF3	PCOLCE Q15113
7069	HLA-DQB1 G1EMV5	UTY F4MHF1
7070	GPRC5B Q9NZH0	COLGALT1 Q8NBJ5
7071	ND5 Q2HKQ7	HLA-DR15 D5M899
7072	CDHR2 Q9BYE9	BTK Q572P1

7073 ND2|C7B3M4 UGT1A3|A9UKC8
7074 ZDHC5|H0YEF4 VSNL1|P62760
7075 C1QTNF1|Q9BXJ1 ZNF790|E9PRR6
7076 PTK2B|E5RJ77 ND5|G9LGK1
7077 HLA-C|M9P963 ITGB7|A0A023IP89
7078 KRTAP10-7|P60409 HLA-C|C9WER1
7079 ZNF334|A0A0B4J1Y0 CYP8B1|Q9UNU6
7080 SLC02B1|E9PIU9 CRX|A4GUB7
7081 TBL1Y|Q9BQ87 KDM4B|A0A0C4DFL8
7082 HLA-DR15|D7NST0 VNN3|A7E205
7083 TSEN34|A0A024R4N9 UACA|Q05DB3
7084 LMTK2|Q8IWU2 ORC2|Q13416
7085 CD79B|P40259 MORF4L2|Q5JXX1
7086 EYA1|Q99502 VARS2|B7ZCJ6
7087 TRPC7|Q70T24 ARHGAP45|K7ES92
7088 COX3|C4PK82 PARL|F8WCQ4
7089 DSCAM|Q8WY19 HLA-A|J7F4Y9
7090 HLA-C|A0A0A7C6W3 PRPSAP2|E7EPA1
7091 POU5F1|D5K9R8 ZNF66|Q6ZN08
7092 ND5|T1STG4 SPCS2|A0A087WUC6
7093 TOMM20|Q15388 MBD3L1|Q8WWY6
7094 OR11L1|B9EIN8 STK10|H0YB71
7095 SLC2A9|Q9NRM0 ND6|V9J1G8
7096 FGF7|P21781 CS|A0A0C4DGI3
7097 GBGT1|J7Q0Z1 SHC3|Q5T7I8
7098 SRSF1|Q07955 ZNF250|P15622
7099 LARP7|H0YA82 ASAP1|H0YBF7
7100 ZMYND8|H7C4X9 SLC5A9|H0YC92
7101 HLA-DPB1|A0A0A7C5Z4 BNC2|S4R3K9
7102 ACOX1|K7ENF1 HLA-C|V5JAQ7
7103 EIF3A|Q05BS0 COX3|G5D7X5
7104 MDH2|A0A024R4K3 HLA-C|A0A0A7C5K3
7105 HRASLS3|A0A024R561 FIZ1|K7ES33
7106 HNRNPM|M0R2I7 ABCC8|Q09428
7107 ND1|E5DYN0 APC2|K7EN62
7108 MAP1LC3B2|A6NCE7 MSX1|E9KXT4
7109 GLUL|A1L199 PRKCG|M0R0I9
7110 TRA1|Q5CAQ5 MAP3K9|P80192
7111 GANC|H3BN99 BCL6|A5PL18
7112 RGS14|H0Y8W3 HLA-C|D7NP51
7113 LRRFIP2|C9JJC9 HLA-A|D6MLH5
7114 ZIC3|O60481 PHF23|Q9BUL5
7115 SLC38A1|F8VX04 NOMO1|A0A087WW46
7116 MYL12B|O14950 SLC34A2/ROS|A9YLN5
7117 MAP1B|Q32NB7 HLA-C|F8SL00
7118 FGA|Q86Z09 SNRNP200|O75643
7119 XPO1|C9J673 HIBCH|Q6NVY1
7120 ADCY3|A0A0A0MSC1 ND1|C5MM18
7121 IL13|A0A087WW07 MYO18B|Q8IUG5
7122 GPS1|A8K070 HLA-DR15|G1EMW5
7123 KCNQ4|P56696 ATP6|A6ZHP8
7124 CYTB|E9LBZ0 PYCARD|Q9ULZ3
7125 TMOD3|H0YNU8 ND5|E7E3Z1
7126 CASP9|F8VVS7 HLA-C|U5YC39
7127 MET|B5A943 COX2|G5D8K6
7128 RBPJ|D6RF98 GPX1|A0A087WUQ6
7129 RAB39A|Q14964 TAF1D|Q9H5J8
7130 SCGB1A1|E9PN95 SRBD1|Q8N5C6
7131 ZNF317|Q96PQ6 SKAP2|O75563
7132 CCDC59|Q9P031 CYTB|Q4ZEU5
7133 ID4|P47928 PANX3|Q96QZ0
7134 FGF12|P61328 CYTB|D8L461
7135 KLC4|H7C4M1 CYTB|A0A059RI17
7136 CC2D1B|Q5T0F9 GPCPD1|Q9NPB8
7137 CYTB|A0A0A0PW35 SHROOM1|A6NN40
7138 HRMT1L2|Q5U8W9 NOSIP|A0A075B6F9
7139 ARHGAP12|Q9NV28 KLHL21|Q9UJP4
7140 PSMG2|Q969U7 CPM|F8W111

7141	RPL27 K7ERY7	MAPK7 Q13164
7142	HLA-C D6ML72	TSC22D3 D6RDZ7
7143	NDUFS3 O75489	FOXP2 Q75MZ5
7144	VDR Q6T928	ITGA7 Q4LE35
7145	KRTHB6 Q9NSB0	TBX2 Q13207
7146	ND6 Q8HAX7	ZER1 Q7Z7L7
7147	COQ2 H0YAI0	PIEZ02 J3KRQ5
7148	ACACA A0A087X0W4	HLA-A U5YEP7
7149	MAP2K4 P45985	TMSB4X Q0P5U7
7150	C9orf64 Q5T6V5	SEMA5B Q9P283
7151	ND1 G9LFQ5	RABEP2 H3BNR2
7152	RHCE J9ZZ69	STAR P49675
7153	MC1R V9Q8N1	EVI1 C7FEN9
7154	CXorf36 Q9H7Y0	COX3 G4VYZ1
7155	ND4L A0A068C0I6	ND1 G5D7U3
7156	GGA3 B7Z1E9	NARS K7EPK2
7157	NINJ1 Q92982	HLA-DRB1 Q860T0
7158	HLA-B C7E567	CTNNB1 E7EMJ5
7159	OR2K2 Q8NGT1	CACNG3 O60359
7160	HLA-A D6MLM5	MYL12B O14950
7161	ND5 G5D8E8	ILKAP H7C2I8
7162	OR11H6 Q8NGC7	POLA1 A6NMQ1
7163	SLC5A6 E7ENG0	PIWIL3 E9PIP6
7164	ZNF486 M0QXQ0	ARID3B Q8IVW6
7165	VRK3 M0QYA8	APOLD1 Q96LR9
7166	GNL2 Q13823	CLDN7 K7EL87
7167	DKFZp434L2027 Q9UFF2	ATP6 V5JH69
7168	RRNAD1 E5RJL6	RDH5 H0YHP7
7169	TTC9 Q92623	SLC19A1 C9JKP4
7170	CYTB A0A023I825	ASPG G3V1Y8
7171	CYTB G4W3I3	F8 A0A2G8
7172	ITIH2 A2RTY6	CYTB H9Q745
7173	HOXD8 A0A0A0MSX5	CYTB J9V3D9
7174	SSTR5 P35346	FAM153C Q494X1
7175	HCST Q9UBK5	DOCK2 F6S220
7176	CYTB D3YNI6	CPSF7 J3QT54
7177	TMTC2 Q8N394	GPR63 Q6NWR7
7178	CYP1A1 P04798	MIIP Q5JXC2
7179	SOCS1 Q4JHT5	RPL9 E7ESE0
7180	HLA-DQB1 A0A0A7C9D9	CYP20A1 Q53RS5
7181	LAMA1 P25391	PLD4 F5H2B5
7182	FUBP1 E9PEB5	HLA-A G1EPC1
7183	VCAN E9PF17	UGP2 Q53QE9
7184	ND3 A0A059QNT1	SURB7 A0A024RAW0
7185	ND5 I7A0A7	ATP6 Q5SB58
7186	CCR5 Q5EKM9	HLA-B Q9UQU1
7187	ZNF214 B7ZMB1	CD80 P33681
7188	ATP6 A6ZFB4	HLA-A I0BW39
7189	ND5 F2YMB8	PRDM7 Q9NQW5
7190	PPP3CA E9PK68	PIGF H7C392
7191	AKAP12 Q02952	CNP A0A024R1T5
7192	VWC2 Q2TAL6	ZNF674 Q2M3X9
7193	ATP6 A6Z6R7	ST3GAL1 A0A024R9L6
7194	HLA-C J7F580	SLC24A4 H0YCX3
7195	STX8 Q9UNK0	MACF1 H0Y314
7196	MDM1 F5H529	HLA-G Q8WLS1
7197	RBP5 P82980	ATPase Q4GV61
7198	SNRPA M0QXK2	COX1 A1DTC8
7199	CANX D6RFL1	HSF4 E7EWW4
7200	HLA-Cw Q306H8	ND5 E7CLW0
7201	FSCN1 C9JPH9	SNRK E7EUC4
7202	RNF126 Q9BV68	APLP1 B7Z4G8
7203	OR2V2 Q96R30	PXMP4 Q9Y6I8
7204	ABCF2 Q9UG63	COX2 A0A059S2S6
7205	TMPRSS4 Q9NRS4	BEGAIN Q9BUH8
7206	hPEPT1-RF O14496	NEB H0Y786
7207	SCIMP Q6UWF3	MDH1B Q5I0G3
7208	TATDN1 G5EA19	EOGT Q5NDL2

7209 SLC01A2|C9JHU9 ND5|A0A075C751
 7210 ND1|V5JS37 SCN8A|Q6B4S2
 7211 SEPT11|D6R9Y6 HLA-E|Q6DU44
 7212 NADH3|B9ED50 RAB5B|F8VUA5
 7213 ZNF3|P17036 TLR8|Q495P7
 7214 MTF2|Q9Y483 PSENEN|Q9NZ42
 7215 CHST10|C9JWY0 DDX1|A0A087X2G1
 7216 tmp_locus_6|Q53SC0 OSER1|Q9NX31
 7217 BUB1|O43683 HEL-S-2a|V9HW12
 7218 ND5|L7XQ59 SLC19A3|Q9BZV2
 7219 EPC1|Q9H2F5 HLA-DPA1|I2G9G1
 7220 AR|F5GZG9 IFNA16|P05015
 7221 COX3|X5C9F1 IL12A|P29459
 7222 SUPV3L1|Q8IYB8 MXI1|F6WCI9
 7223 FFAR1|O14842 GDNF|P39905
 7224 SLC46A2|Q9BY10 COX3|Q5XSC1
 7225 OPRM1|C9EA00 PLAC9|Q5JTB6
 7226 MREG|C9JYV9 COX2|A0A059RVU8
 7227 ATP6|U3L3I1 GCK|M4Q009
 7228 PARP11|Q9NR21 ADCK1|Q86TW2
 7229 TRI0BP|F6TR96 DGUOK|Q16854
 7230 ARNTL|E9PI92 SLC22A3|O75751
 7231 RNF34|A0A087WTM5 HLA-DQB1|A0A0A7C6F5
 7232 NF1|J3KSB5 RPL18|F8VXR6
 7233 STK33|C9J319 TRPT1|Q86TN4
 7234 FGD4|F8VWL3 ZNF232|Q9UNY5
 7235 OK/SW-c1.65|Q8NI92 TUBGCP6|Q96RT7
 7236 DHRS2|Q13268 ND3|H9E7K0
 7237 MEIS2|B3KP81 ZNF563|M0R1Q6
 7238 CHRM1|Q53XZ3 HMOX1|D2K7W4
 7239 NPFFR2|A0PJM9 HLA-B|D3U3N1
 7240 IL1RAPL2|Q9NP60 COX3|C8YGY6
 7241 DUOX2|S6CBA9 POLD2|C9JHC7
 7242 BRWD3|Q6RI45 RUSC2|Q8N2Y8
 7243 IGFBP2|C9JW52 HLA-C|C9WEU3
 7244 ZNF416|Q9BWM5 ATP8|K9R3Q7
 7245 PHOSPHO1|D6RIT6 ETFDH|A7UNU5
 7246 ECAC1|Q9H480 ESX1|A6ZIU7
 7247 OR10H3|O60404 ACACA|Q59FY4
 7248 UVFAG|Q9P2Y5 EVI1|Q9UBK3
 7249 UCHL5|H0Y4E0 NDUFS8|O00217
 7250 PM20D2|Q8IYS1 RAPGEFL1|A0A087X280
 7251 MECP2|A0A087X1U4 CHD5|K7EMY3
 7252 RBM33|A0A0C4DFS3 ZNF563|Q8TA94
 7253 HLA-DQB1|U5IQG2 CFTR|Q6KEE7
 7254 ND5|A6YTU4 TRAPPC3|O43617
 7255 DBI|B8ZWD9 TNFAIP3|F8K9X7
 7256 THNSL1|Q8IYQ7 CLDN3|Q75L79
 7257 COX1|G9LML2 ADAM10|A0AV88
 7258 ATXN3|D3VVE6 ZNF786|Q2VP97
 7259 CHMP2A|M0QXX8 MLLT6|Q6P2C6
 7260 HLA-A|D6MJF7 GALT|P07902
 7261 ND6|T1Q6I5 KIAA0427|A0A024R259
 7262 VWCE|A0A024R511 ACER3|E9PLZ9
 7263 PDZD8|Q8NEN9 AK4|D3DQ64
 7264 PPP1R14B|F5H2U0 PRIM1|P49642
 7265 CNN2|Q6FHE4 TRIM2|C9J084
 7266 PTC1D1|O75127 RR2M|Q9UKM0
 7267 ZNF608|Q9ULD9 MTMR4|J3QKV8
 7268 ZNF595|E9PN20 HLA-A|F2VNE0
 7269 MMP7|P09237 JAZF1|F8WCD3
 7270 HLA-DQB1|F8SY66 U2SURP|O15042
 7271 RHD|L0RH38 ND5|D5M8J7
 7272 HSPB6|O14558 CYTB|G9LFU3
 7273 PLK1|P53350 DMD|F5GZY3
 7274 HLA-C|M9P8I0 ETV2|B7ZMD4
 7275 AC02|A2A274 ATP6|A0A023QE67
 7276 HLA-B|F4NBP2 MB|U6FIU7

7277 B4GALT1|P15291 CEP19|Q96LK0
 7278 HLA-C|C6K4Q8 SPEG|H7BZM6
 7279 HLA-A|V5L1W2 RFX2|P48378
 7280 KCTD2|Q14681 NRD1|O43847
 7281 MLH1|A8W2J3 OR6K6|Q8NGW6
 7282 ALDH1A1|Q5SYQ9 DLK2|Q5T3T9
 7283 RIT1|V9GY29 ZNF385C|Q66K41
 7284 TMEM120B|A0PK00 GAST|P01350
 7285 PTD004|Q53SW9 ND3|A0A059QJC1
 7286 HLA-DMB|Q6LEU6 ERMN|Q8TAM6
 7287 M6PR|H0YF90 CDK7|P50613
 7288 FLJ00279|Q6ZNL4 ND2|D7PAT6
 7289 RAD52|F5H1K5 CNTNAP2|X5D7C2
 7290 HLA-DQB1|U5IQI1 OR5AC2|Q9NZP5
 7291 RPS19BP1|Q86WX3 SMIM2|Q9BVW6
 7292 NGL1|Q4JIW0 PLCB1|A0A087WT80
 7293 STIM1|G0XQ39 RHD|Q70E17
 7294 HLA-A|M9P9Z3 SDAD1|D6RIR5
 7295 EME1|D6RIT8 HLA-C|D6MJI1
 7296 MRPL23|H7C2P7 ATP8|H9T6C8
 7297 LCLAT1|C9JXY8 TRPV4|Q9HBA0
 7298 SLC22A3|O75751 ESR1|C9E0F1
 7299 PADI4|Q6EVJ6 STXBP2|M0R1A1
 7300 ZNF688|A0A024QZB6 NGFRAP1|Q00994
 7301 HLA-A|F8R116 C1orf174|Q8IYL3
 7302 COX1|F2WEA4 FLJ00010|Q9H7Q7
 7303 COX1|H9LNZ7 HLA-C|G9HWA3
 7304 UNQ5929|Q6UXQ9 KANK2|Q63ZY3
 7305 ASB2|Q96Q27 COL1A2|Q7KZ71
 7306 LIN7A|O14910 KRT79|H0YID6
 7307 SLC26A7|E5RGL8 ARTS-1|A0A024RAR8
 7308 MTERF4|C9JNJ7 MYO1B|B0I1S9
 7309 RUVBL2|Q9Y230 C6orf57|Q5VUM1
 7310 HLA-A|A0A0A7C6P7 CRIP3|Q6Q6R5
 7311 ND5|C7AAY8 ZNF747|Q9BV97
 7312 SNAPC3|Q92966 DLEC1|A2VDF1
 7313 ALK|B6D4Y5 CUX1-RETc|A0A097ZMP4
 7314 HLA-A|V6BQN7 MAF1|Q9H063
 7315 COX2|A0A059QPU3 Hosa(Biaka)-T2R38|Q50KM1
 7316 HLA-DQA1|Q14K63 ACSS3|F8VZB4
 7317 WDR6|Q9NNW5 SFRP4|Q6FHJ7
 7318 HLA-A|I0DFI9 CACNA1E|J3KP11
 7319 DIP2B|Q96IB4 CDYL2|Q8N8U2
 7320 IRF5|C9JAU6 TUBB4A|M0QX14
 7321 AQP12A|Q8IXF9 NTHL1|P78549
 7322 RAD51D|K7EMF1 DHRS11|A0A087WZN3
 7323 NFS1|Q5QP19 MRPS23|J3QLR8
 7324 COX2|U3LSI8 COMT|E7EUU8
 7325 ND1|G8JKS0 TTN|A0A0A0MRA3
 7326 RNF41|Q9H4P4 STARD10|F5H0V7
 7327 MC1R|V9QAR2 SH3BP5L|Q96ET3
 7328 EZH1|Q92800 FBXO27|Q8NI29
 7329 SULF1|E9PJL8 ND5|R4I9L1
 7330 ANKMY2|Q8IV38 HLA-A|D3JT97
 7331 SPATA17|Q96L03 MYB|E9PN43
 7332 cytb|B2XI38 GAMT|Q14353
 7333 FOXE3|A0A0A1EII5 KRTAP3-3|Q9BYR6
 7334 SHH|F8WEH4 NT5E|Q53Z63
 7335 CANX|D6RAU8 HLA-B|D3U3R1
 7336 GALNT5|Q7Z7M9 PRRG1|Q8NEK6
 7337 MICAL3|Q7RTP6 GFAP|K7EKH6
 7338 NPLOC4|Q8TAT6 AURKAIP1|A0A024R0F0
 7339 ZNF608|D3DSZ2 CYTB|X5BDD6
 7340 COX1|Q957U9 POU5F1|D5K9R8
 7341 NRAP|Q05D68 HLA-B|J7F682
 7342 RASSF5|A0A075B763 Hosa(Japanese)-T2R5|Q50KW4
 7343 ANK2|A0A024RDI4 ANTXR2|J3KPY9
 7344 ZCRB1|Q8TBF4 ILF3|K7EJ09

7345 AGPAT4|Q5TEE8 DDX58|A2A376
 7346 CRIM1|H7C2T6 ZNF300|F8WE31
 7347 EMP2|P54851 HLA-C|J7K1B5
 7348 BCL2L1|Q5QP56 ZNF679|Q8IYX0
 7349 HLA-C|G1ENW7 FTCD|H7C315
 7350 RPS6KL1|H0YJM5 PRAMEF4|O60810
 7351 FSHPRH1|A0A024RCG4 MAPKAPK5|R4GN33
 7352 PLEKHB2|Q96CS7 DKFZp779C185|Q7Z656
 7353 AKR1A1|Q5T621 KLK7|M0QYU8
 7354 HKR3|Q6LCP1 MCC|P23508
 7355 FOLR2|F5GZ45 PPP1R17|O96001
 7356 PTPRT|B1AJ50 HLA-DRB1|Q9MYD9
 7357 AGPAT2|Q96IS9 SEMA6A|A0A0A0MQU6
 7358 JAZF1|Q86VZ6 LR8|A0A090N7V7
 7359 COX3|Q5XZY3 CLTCL1|A4FU99
 7360 NOX5|A3QRJ0 BRCA2|A0A068BC92
 7361 EXOC3L1|H3BTH9 VEGFA|A0A087WTP4
 7362 RHCE|Q5NDM5 ND1|Q7YCD0
 7363 APOB48R|Q9NS13 PTN|P21246
 7364 ND4|V9N518 MYO1H|Q8N1T3
 7365 T|H0YM91 HLA-DRB1|E1V2J9
 7366 C17orf70|A0A024R8W1 VOPP1|Q96AW1
 7367 USP30|F5H8D3 SLC12A9|C9J0I5
 7368 COX2|Q6VJD8 GCA|C9JWQ8
 7369 Pe1Fe3|W0S0X4 ADGRV1|H0Y9Q4
 7370 RH0J|G3V476 NFKB1|P19838
 7371 RUVBL1|Q9Y265 OR10A4|Q9H209
 7372 CYTB|R9Y6F7 YWHAZ|E9PD24
 7373 ppm1m|B7XGB9 TRIM45|Q9H8W5
 7374 MTHFD1|V9GYY3 HLA-A|E2D5M3
 7375 BAP1|F8WEY5 SLC35A5|C9JXZ8
 7376 ZMYND11|J3QKD2 DCDC1|P59894
 7377 MAP4|Q6NX68 CDH5|H3BR64
 7378 APOC3|C9J2Q0 ATP6|B2XKN9
 7379 FGG|C9JU00 ATXN3|D3VVP8
 7380 ND5|S4V8X0 HLA-C|M9PA01
 7381 TGFBI|C7FFS5 ELMOD1|E9PLM8
 7382 INPP1|B8ZZF6 SCN4B|Q8IWT1
 7383 ARF5|A4D0Z3 PPM1M|Q96MI6
 7384 ND5|Q85KS1 MAPK13|Q5R3E6
 7385 PGM3|H0Y987 NEIL1|H3BM98
 7386 HLA-C|M9P936 NUF2|B1AQT4
 7387 ZNF354B|Q96LW1 HLA-DPB1|A0A0A7C6S7
 7388 ARNT2|X5DP31 SEPT8|Q92599
 7389 RNASE12|Q5GAN4 APOA1|P02647
 7390 KLF3|P57682 ADCY4|Q96KY6
 7391 CYTB|X5C849 AMTN|F1T0L8
 7392 UCHL1|D6R956 MKNK1|E9PMM8
 7393 UBR7|G3V2G3 PIP5K1A|A6PW57
 7394 RAPGEF2|Q17RH5 NDUFA3|O95167
 7395 CPE|C9JE88 SELL|A0A024R8Z0
 7396 TLR4|K9MT91 USP44|A0A024RBD7
 7397 CCDC63|Q8NA47 ZNF57|A0A087WUM7
 7398 PHYKPL|D6RAR0 HNRNPC|G3V2Q1
 7399 ODAM|A1E959 PLCB4|Q15147
 7400 ND2|Q8WCY6 RHCG|H0YMS1
 7401 COX1|A0A068C1W5 MYH11|A0A024QZJ4
 7402 RASA1|P20936 ARX|Q96QS3
 7403 CYTB|A1DT86 ROS1|Q5H8Y1
 7404 COBL1|Q53SF7 NASP|P49321
 7405 HLA-C|F6IQK2 TGM5|O43548
 7406 SPTLC1|Q6NUL7 ND4|K9M3N5
 7407 ATP6|E9NA19 ND2|A0A059RPY2
 7408 MICA|X5GEV1 DLST|Q86SW4
 7409 ITGA4|A0A023IQJ3 HLA-C|H2BDQ4
 7410 RILP|Q687H3 HLA-C|U5YC04
 7411 ZNF432|M0R0H8 KLRG2|A4D1S0
 7412 MRPS30|Q9NP92 HLA-DPB1|A0A0A7CA00

7413 RPS24|E7ETK0 ND5|Q4F4F8
 7414 HNRNP1|D6RAM1 HLA-C|G1BEX3
 7415 ZNF154|A0A024R4Q0 HELLS|A0A087WSW7
 7416 GRIP1|F5H5I0 MAML2|Q8IZL2
 7417 NMT1|P30419 COX3|Q15II8
 7418 STARD7|Q9NQZ5 SFRS2|Q6NXQ0
 7419 CAB39|Q9Y376 DAPK2|Q1RMF4
 7420 ATP2B2|Q01814 ND3|A0A059RNS3
 7421 MCAM|A0A024R3I5 CHRND|F8WBS0
 7422 HOGA1|H7BY76 HLA-G|D2KT86
 7423 TUBGCP5|A0A087WVZ8 CYTB|G9LAX7
 7424 ZNF276|H3BPT7 AMDHD2|Q9Y303
 7425 HBD|C9JRG0 UGT3A1|A0A024R085
 7426 NADH5|Q4GF15 FAIM2|Q9BWQ8
 7427 UTY|F4MHH0 RHOF|Q05D03
 7428 IFNL3|A0A0C4DGW8 TMEM55B|G3V5T5
 7429 NBAS|H0Y5G7 ALG10|F5GZZ6
 7430 SEMG1|Q6Y808 OPA1|E5KLJ9
 7431 HLA-B|G1EPV1 APOL1|U5LGU2
 7432 ADAM12|O43184 ND5|E5DYP0
 7433 CAMK1G|C9IYV2 UMPS|B5LY64
 7434 ING5|Q8WYH8 ND4|A0A097QFQ1
 7435 ND2|A0A097PZC4 CITED2|Q99967
 7436 PTK2|H0YB16 SNRPG|P62308
 7437 MAP3K8|Q5T853 WNT7B|P56706
 7438 MYC|B3CJ65 PRDM9|D2KI84
 7439 ZC3H18|Q86VM9 P2RX6|H7C266
 7440 NRP1|O14786 CAS1|Q8WZ77
 7441 CLPTM1L|Q96KA5 MYC|B3CJ88
 7442 CSF2RA|J3JS74 HLA-C|G0ZDW0
 7443 SH2D2A|Q9NP31 FCN3|O75636
 7444 HYDIN|J3QL79 ZNF554|K7EQV8
 7445 BILITL1|I6UJG0 PCDH15|A0A087WZN9
 7446 KRT8|F8VQY3 SLC16A10|Q05BR4
 7447 SRP72|Q0D2M6 SP7|A0A024RAY8
 7448 SMIM3|Q9BZL3 HOXB13|Q4KR72
 7449 GTF2F1|M0QXD6 ND1|A6ZHG8
 7450 ABCA8|A0A0A0MSU4 PPIA|C9J5S7
 7451 OR4K13|Q8NH42 HSPG2|A0A024RAB6
 7452 PPP1R13L|K7EPP1 MALRD1|Q5VYJ5
 7453 HLA-C|G3DR67 GRIA2|H0Y972
 7454 ND1|Q85BK7 SLC5A6|E7EW41
 7455 CSF1|H7BY18 VANG1|A0A024R0E3
 7456 UGP2|E7EUC7 ASPH|Q12797
 7457 NFIX|K7ESG9 APC|A1YIQ7
 7458 RFT1|Q96AA3 CYTB|G9C8K2
 7459 PDCD11|Q14690 ARMC1|Q9NVT9
 7460 ND6|H9E7L7 UBE2D4|Q9Y2X8
 7461 COX2|H9PMX8 OR9A4|Q8NGU2
 7462 KHDC1|Q4VXA5 SLC2A11-a|Q8WYM5
 7463 CHST14|Q8NCH0 CARD14|Q9BXL6
 7464 ND4|C9D5S4 ND6|A6Z8R1
 7465 ITGB1|C9JPK5 RGL3|A0A024R7D8
 7466 ND5|K9R3W5 ID3|A0A024RAC4
 7467 DKFZp686I0746|Q6MZZ3 KCNJ15|Q99712
 7468 MARCH2|Q9P0N8 CLNS1A|E9PMI6
 7469 RNF224|P0DH78 ENO3|P13929
 7470 WNT10A|Q05BQ6 JMY|Q8N9B5
 7471 ZIM2|M0QXH8 GTF3A|H7BZH7
 7472 ECE1|A0A024RAB0 POLQ|A0A087WXL3
 7473 PHF19|A0A087X169 PDIK1L|Q8N165
 7474 UGP2|D6W5E6 HLA-B|E1Y6U0
 7475 AIF1|Q5STX8 ND3|A0A023QSC6
 7476 TRPM5|A0A0C4DGF4 HLA-DQB1|U3Q055
 7477 CYLC1|Q3ZCV3 SH3BP5L|Q7L8J4
 7478 RABL3|Q5HYI8 CCR8|P51685
 7479 ATP6|G4VZM4 CTSB|E9PLY3
 7480 AMIGO2|Q86SJ2 GPC6|Q9Y625

7481 CD14|F1C4A7 PIGF|Q6IB04
 7482 HLA-DRB5|A0A024F8S6 COX3|Q85L04
 7483 FHIT|P49789 NTRK2|Q548C2
 7484 UMOD|I3L2J2 ERVFRD-1|P60508
 7485 ND5|A1Z4K5 DDX11L8|A8MPP1
 7486 HLA-G|C0J5V2 COX1|L7XJZ7
 7487 DBNL|Q9UJU6 HLA-C|M9P9C2
 7488 UTX|B7ZKN1 ARHE|Q4ZFY0
 7489 HLA-DPB1|A0A0A7C8Q5 GDPD5|Q8WTR4
 7490 HLA-G|Q6B9Y5 ATP6|F2WHK1
 7491 CACNA1A|A0A087WW63 CS|F8W0J2
 7492 CASP8|E7EQ01 ND5|A0A059RJA1
 7493 HLA-DQB1|F5BFH4 DKFZp586G1518|Q8NDP0
 7494 ND1|Q85KV8 DMRTC1|Q5HYR2
 7495 U2AF2|B5BU25 FGF13|D3DWH3
 7496 POLR3H|Q9Y535 IL7|Q5F8Y3
 7497 HLA-C|G0Z8E3 TRIT1|S4R2Z0
 7498 CEPT1|A0A0C4DGS9 ERC2|O15083
 7499 F3|P13726 CDC2L2|Q6P5Y5
 7500 NCBP1|A0A024R179 MSRB2|A6NCQ5
 7501 CERS4|Q9HA82 WDR7|A2RRE0
 7502 ZNF548|M0R041 WNT9B|Q6ZS96
 7503 HLA-A|W6SIV4 CHAF1A|Q13111
 7504 PHACTR2|H9KVA6 ARHGAP22|D6RB38
 7505 PARP8|E9PFI7 CNGB3|H0YAZ4
 7506 ENG|A0A024R878 HEL-S-51|V9HWI6
 7507 HLA-A|C5J027 FKBP9L|A0A090N7W0
 7508 RHCE|K0A0T3 HLA-A|L7PFZ4
 7509 TRAF4|F6SA91 METTL4|Q8N3J2
 7510 ILVBL|A1L0T0 ND2|R9Y4S0
 7511 PAIP1|D6REB4 TEC|D6RB75
 7512 THOC7|F8WF22 CYTB|X5DS90
 7513 SEC22A|Q96IW7 DYRK4|D3JEN1
 7514 OGFR|A0A087X028 OR51L1|Q8NGJ5
 7515 ATP8A2|F8W9B3 KCNH7|Q9NS40
 7516 ND5|D5I7G9 UGT1A3|A7E1U7
 7517 GPC2|Q8N158 COX2|J7FG21
 7518 DCDC2|H0Y784 AGA|P20933
 7519 ND1|H9R3G8 SNRPB|Q66K91
 7520 SMPD1|E9LUE7 HLA-C|D7NP57
 7521 GCKR|A0A0C4DFN2 TLR6|D1CS98
 7522 ND6|A0A059QTJ2 KDM2B|A0A0C4DGG3
 7523 KCNIP4|Q6PIL6 COX3|L7XY70
 7524 ALX3|O95076 PLXNB2|E2PU09
 7525 TSSK4|H0YJB1 GPD1L|C9K0P5
 7526 TRAF3IP3|Q9Y228 ELOF1|A0A024R7E8
 7527 GAL3ST1|C9JU54 LIMK2|C9JK61
 7528 RHD|Q96KU1 PDHX|O00330
 7529 CPVL|C9J6L4 CASP9|P55211
 7530 TRIM45|Q5T2K3 OR9Q2|Q8NGE9
 7531 GADD45G|Q6IAW6 NEUROD6|Q96NK8
 7532 GLYAT|Q6IB77 DCAF17|H7C244
 7533 GPR85|P60893 MYH11|A0A024QZJ6
 7534 HLA-C|D6ML80 ABHD1|Q96SE0
 7535 HLA-C|A0A0A7C4S0 OR11L1|Q8NGX0
 7536 UBT2D2|Q8WUN7 CPSF6|Q16630
 7537 HLA-B|E3SWI1 COX2|A4ZKZ0
 7538 DERA|E9PMH9 HLA-A|D5FZV7
 7539 DHX40|Q8IX18 ARL2|P36404
 7540 HLA-C|D6MLA1 HAUS1|K7EM54
 7541 OR10X1|Q8NGY0 CACNA1C|E9PDI6
 7542 HARS|P12081 PEX10|D6RA89
 7543 TF|Q06AH7 P2RX7|F5H8E7
 7544 RFX5|F6R6G4 CAPN12|Q6ZSI9
 7545 SCNN1A|J3KPV6 BCR/ABL|A9UF01
 7546 THBS4|P35443 ND5|Q8WCW9
 7547 CYTB|A0A059QK75 NOP10|Q9NPE3
 7548 ELM02|Q5JVZ4 TMX1|G3V448

7549 HLA-DPB1|A0A0A7C5N9 PRKCH|G3V304
 7550 RASGRP1|H0YKM0 TRAPPC2L|A0A0B4J294
 7551 ND1|V9JTA8 ITPKB|P27987
 7552 PYG02|Q5T171 HLA-C|A1DZT7
 7553 CLEC4C|Q8WTT0 ZDHC3|C9JNU5
 7554 HLA-C|D6MKX7 IQGAP3|F2Z2E2
 7555 TIMM17A|A0PJ74 HLA-C|V5NRE4
 7556 ODZ4|G3CAT1 LIG4|A0A0C4DGV9
 7557 HABP2|Q14520 ORC4|C9J2X8
 7558 INO80B|B8ZZH7 DKFZp434G1930|Q9NT78
 7559 NAPA|M0R2M1 MSX1|E9KXW3
 7560 UBE1C|J3JZZ9 PUS3|E9PNY6
 7561 DKFZp686A17191|Q63HL8 ARHGEF25|Q86VW2
 7562 HLA-B|Q9MY38 NAE1|J3QRA5
 7563 MAPKBP1|O60336 NAT2|P11245
 7564 TGFB1|B2C8Z3 POT1|Q5MJ34
 7565 SLC16A7|F8VS95 DOCK8|E2J6M6
 7566 ZNF24|K7EQP8 DKFZp686F13142|Q7Z2W2
 7567 CPSF7|C9JM38 ND2|A0A059RP58
 7568 DDX39B|F6S4E6 MAP9|E7ETZ8
 7569 ZNF83|M0R1T0 ASPHD1|I3L2Y2
 7570 KRT28|Q7Z3Y7 C8B|Q05CV3
 7571 HLA-C|C7C4Z5 HLA-C|F1AQR1
 7572 POLQ|O75417 C1QTNF1|Q9BXJ1
 7573 RBMS1|E7ETU5 MXI1|F6WC19
 7574 CCAR2|E5RFJ3 PABPC1|H0YAR2
 7575 OXA1L|Q2M1J6 MAZ|A0A087WWR2
 7576 HLA-DR15|G1EMX6 HLA-DQB1|M4MD23
 7577 GGN|K7EJI6 HLA-A|D6ML12
 7578 PSMB11|A5LHX3 OR13J1|Q8NGT2
 7579 CYTB|V9IZQ3 HERPUD2|Q9BSE4
 7580 CARM1|K7EIQ8 RPL6|F8VR69
 7581 ND4L|A0A059QI76 TNNC1|P63316
 7582 H2BFWT|Q7Z2G1 ATP6V0D1|C6SUN6
 7583 ATP1B4|Q9UN42 MAGI2|Q86UL8
 7584 PTPN4|A0A024RAE8 HLA-B|G3D6K5
 7585 PTGDR|Q13258 RGR|P47804
 7586 GRHPR|Q9UBQ7 COL5A2|P05997
 7587 FGFR4|H0Y9P2 CYTB|C7B3D1
 7588 ND2|Q305W5 HLA-A|A0A0A7C729
 7589 HLA-A|O78081 SFXN3|S4R3N9
 7590 LIMD1|C9JRJ5 ITGB8|Q9BUG9
 7591 SRGAP2|B7ZM87 GIPR|Q4VBP1
 7592 HLA-A|E2DH82 ADGRE3|M0R1G2
 7593 ERBB4|Q15303 TIMP2|P16035
 7594 UFSP1|Q6NVU6 MRAP|Q8TCY5
 7595 DMD|A0A087WV90 NDUFB5|O43674
 7596 PMS2|A5YRY4 TPK1|Q75MX1
 7597 COX1|R9Y1Y2 CDKN2C|Q6ICV4
 7598 EPHB6|J3KQU5 RIMBP3|Q9UFD9
 7599 HLA-A|F2VNI4 TNFAIP8L3|Q5GJ75
 7600 TMEM239|Q8WW34 EIF4G3|O43432
 7601 PTI-1|Q16577 RPS6KA6|Q9UK32
 7602 TSTD2|Q5T7W7 RHD|Q5XLT0
 7603 ADC|Q96A70 RAET1L|J7HBE3
 7604 ZNF536|A7E228 BLOC1S5-TXNDC5|H3BN57
 7605 ND5|Q8HG24 MTHFD1|V9GZ32
 7606 SLC25A1|B4DP62 LTF|E7ER44
 7607 UBA52|Q3MIH3 CNIH2|Q6PI25
 7608 SRP72|A0PJJ5 OIP5|O43482
 7609 PDGFA|Q9UGN0 SLC10A1|K7PFC0
 7610 ATP6|D2Y6Y4 SRXN1|Q9BYN0
 7611 HKE2|I7HJT1 ZNF570|Q96NI8
 7612 PEG10|B4DSP0 TTC21A|Q8NDW8
 7613 SYDE1|Q6ZW31 AKR1D1|C4PL35
 7614 LRRFIP1|Q32MZ4 OR5W2|Q8NH69
 7615 HLA-C|G1EQJ8 NCAPD2|E7EN77
 7616 TAF8|Q7Z7C8 EYA1|A0A024R813

7617	TMEM158 Q8WZ71	KLHL24 C9JMQ9
7618	HLTF A0A0C4DGA6	NTN3 O00634
7619	LIG3 K7ENR9	LTK P29376
7620	UGT1A9 O60656	COL4A6 Q9UEH6
7621	STAP1 Q9ULZ2	FAM170B A6NMN3
7622	CYTB F8VAP6	NAP1L6 A6NFF2
7623	ETV1 B5MCT2	ND5 A0A023I900
7624	TRIM61 Q5EBN2	ERCC2 E7EVE9
7625	CLCN6 Q5SNW4	DNASE1L1 E7ESG1
7626	HLA-A O46853	ATL1 G3V5T4
7627	EIF4A2 Q9NZE6	UGT1A9 A9UKF4
7628	RGS13 O14921	ZFX Q8WXB7
7629	SYBU B3KRD1	UBE2K P61086
7630	CCDC42 Q96M95	HLA-B D3U3R1
7631	SPNS1 H3BR82	CYTB N0BMQ2
7632	CYTB Q4F1U6	RPS3A D6RG13
7633	HLA-C M9P9W2	OR5AS1 Q8N127
7634	HLA-B D2DKP7	CLDN4 O14493
7635	PCDHGA3 A4FUP4	CYTL1 Q9NRR1
7636	NFATC4 Q14934	HLA-DRB1 Q9TQ83
7637	HLA-G B5LFX8	UBASH3B Q8TF42
7638	MMGT1 Q8N4V1	UCHL5 H0Y636
7639	KRT86 U3KPR1	POU5F1 B5B8P1
7640	CD6 H0YGL3	PITPNM1 A0A024R5I7
7641	NR3C1 E5KQF6	HLA-DRB1 A0A0A7C3Z0
7642	STAT1 D2KFR9	ANKRD32 Q9BQI6
7643	SH3PXD2B G3V144	ND1 A0A059R0Q7
7644	HLA-A B8YCR7	ADHFE1 E5RFL4
7645	ARID1A H0Y488	HLA-B W0HIS9
7646	DNASE1L3 H7C4R7	ALDH3A1 I3L3W9
7647	HLA-G C0JT29	ND5 B2KMS3
7648	ATP6 Q6RRV0	LPIN3 Q9BQK8
7649	TP53 B4XAK8	TRPM1 A0A024R212
7650	STT3A A0A0C4DH80	RET Q8NFE8
7651	HLA-DRB1 A0AQZ0	RAB7A C9J4S4
7652	SGK494 J3QR23	TBX20 Q9UMR3
7653	CYTB H9PEA8	PDE8A A0A024RC53
7654	CPAMD8 F8W7D1	CCND3 Q5T8J1
7655	SDCCAG3 Q96C92	PCMTD2 V9GYL1
7656	ATL2 C9JQQ5	RHD Q99673
7657	GPR15 P49685	ND3 A0A059RBC5
7658	S100B A8MRB1	QPRT H3BP73
7659	GNAI1 C9JPP4	AMY1A P04745
7660	COX1 H9Q1L1	FASTK Q14296
7661	COX1 A0S1I7	PON3 C9JZ99
7662	OR2T11 B9EIN4	HLA-C D6ML84
7663	SLC9B1 D6RHJ0	RBPJ D6R9X3
7664	CSH1 A0A087WUG6	BATF G3V266
7665	UNC13C Q8NB66	SRY D1H0M5
7666	MMP14 P50281	UBE2B P63146
7667	ASAH1 B1B5S6	KIF2A H0Y8H2
7668	CCAR2 Q8N163	MCPH1 Q6W799
7669	HLA-C Q9GJ39	TSC2 X5D7Q2
7670	HLA-C E0X614	TRAPPC2L H3BUK6
7671	ATXN3 D3VVT4	TRIM29 Q0P6H7
7672	FGD6 F8VQX5	NAGLT1 Q5TF39
7673	KCNQ4 P56696	ATAD3C Q5T2N8
7674	CREB5 Q02930	VN1R4 Q7Z5H5
7675	ZNF155 K7EJJ6	POLL Q9UGP5
7676	PPP2R1B E9PNM7	HLA-DRB1 O19621
7677	HLA-A H9C3I2	PLXNB2 O15031
7678	ZNF512B Q96KM6	APEX2 E5KN95
7679	OR4Q3 Q8NH05	AWAT2 Q6E213
7680	ND2 G9LI64	TCF12 H0YNP8
7681	SRY Q6PWT1	SLC35A5 Q9BS91
7682	OSBPL9 Q96SU4	SUGCT H7C0H3
7683	SHH Q15465	CYTB H9RJI3
7684	MARS A0A024RBA2	GABBR1 Q8IW08

7685 DYRK1B|M0R131 CYTB|A0A097Q8B0
 7686 KLHL25|Q9H0H3 PTK2|E9PEI4
 7687 PLCXD1|A0A0A0MT29 SLC5A6|E7ENN0
 7688 TOP1MT|H0YBR3 PNPLA3|Q9NST1
 7689 C9orf69|H3BQM9 RAB40B|I3L178
 7690 HLA-DPB1|O19701 HLA-C|K7P5M8
 7691 POTE1|Q6S8J3 SSX6|Q7RTT6
 7692 CCAR2|E5RHJ4 TRIO|E7EWP2
 7693 CYTB|A7LPC5 VILL|H7BZ43
 7694 ABHD17B|Q5VST6 ZFR|Q96KR1
 7695 RAB34|E7ES60 E2F7|H0YHW2
 7696 CHRNA6|E9PP97 HLA-C|M9PNT4
 7697 XRCC4|A0A024RAL0 PRKCH|G3V4X4
 7698 ND3|H9MNC8 TTBK2|Q6IQ55
 7699 ND5|D2Y6X3 ATP13A4|B7WPN9
 7700 ANXA1|P04083 FUT3|Q9P1W6
 7701 HLA-A|M9PAB3 CYTB|L7SFT3
 7702 F2R|P25116 SMARCA1|A0A0A0MRP6
 7703 COX4I1|H3BNV9 ZNF541|H7BXG6
 7704 DCBLD1|Q8N8Z6 IFT81|H0YHE2
 7705 HLA-A|G1EPG4 ARHGAP25|B7Z8K7
 7706 ZNF276|A8K186 IL17RC|Q8NAC3
 7707 PPCDC|H3BU63 CYTB|H9E7Q7
 7708 ND1|V9JTR8 PPP4R4|Q6NUP7
 7709 NME7|B4DXC8 DNAJB6|O75190
 7710 SLC39A13|Q96H72 KCNAB2|Q5TG84
 7711 WFDC10B|Q8IUB3 SUCLA2|B7ZAF6
 7712 JOSD1|A0A024R1P5 DKFZp779M0222|Q68DS2
 7713 NRP1|Q9H2E1 ND1|U3L4L8
 7714 AMFR|Q1RN03 TRMT2A|F2Z2W7
 7715 MICB|G1EFQ4 FANCC|B1ALR7
 7716 OR2A1|H9XFA9 DUSP1|P28562
 7717 SYBU|E9PLB9 PLEKHH3|X6R3U4
 7718 GNAZ|Q8IY73 HLA-B|L7PG43
 7719 COX3|V9JEP3 TUBB4A|M0QY85
 7720 CDH18|Q13634 TTN|Q8WZ42
 7721 HNRPK|A0A024R228 PKP4|Q99569
 7722 HLA-Cw|B0F9N1 RPS9|F2Z3C0
 7723 POLR3G|A0A024RAM1 ACSBG2|K7ESF1
 7724 JAML|E9PKK2 C19orf73|Q9NVV2
 7725 SPICE1|H7C5N4 ND1|A0A059RHU5
 7726 HLA-C|C8CHA5 RBM10|Q6PKH5
 7727 UBR4|Q5T4S7 SELP|Q5R349
 7728 IL17D|Q8TAD2 ND1|C8Y2D4
 7729 ND2|X2C0J4 UST6|A4IF29
 7730 CYTB|L7SLA1 BRSK2|H0YCS6
 7731 TRI0BP|F6TR96 USP39|A0A087X1B2
 7732 PR|Q8NG45 CS|O75390
 7733 HLA-C|F2X648 STON1|Q0VAG8
 7734 DTD1|Q496C9 HLA-DQB1|A0A0A7C9H2
 7735 SLC22A11|A6NCG2 CCNC|P24863
 7736 TGIF1|F8VX54 SQRLD|H3BV36
 7737 FUT4|P22083 PPIF|R4GN99
 7738 EEF1B2|C9JZW3 HFE|I1VA57
 7739 RCC2|Q9P258 ME1|P48163
 7740 UTY|Q6IPS8 ND5|A0A096W8J6
 7741 KIF12|Q96FN5 CEBPZ|Q03701
 7742 CPVL|C9J6L4 HOMER1|Q86YM7
 7743 COIII|Q4GC16 CACNB1|Q02641
 7744 EHF|Q9NZC4 HBB|Q4TZM4
 7745 UQCRC2|P22695 DNAH5|Q8TE73
 7746 CYTB|Q6VHA3 ATP6|A0A096VTP9
 7747 COX2|U5Z487 hCG_2033443|D3DTJ2
 7748 TMEM37|Q86SV2 CHD4|Q14839
 7749 MC1R|Q1JUL6 ELAVL4|B1APY8
 7750 HLA-C|A0A0A7C5L0 ANXA1|Q5TZZ9
 7751 RAB11FIP1|Q6WKZ4 CACNA2D2|Q9NY47
 7752 ND6|A0A0A0PXR7 PSM8|X5D2R7

7753 CLDN14|095500 ADGRL3|E7EUW2
7754 NDUFA7|Q6FG42 ZNF428|I6L9C8
7755 MICB|D2KNA0 RFPL4A|A6NLU0
7756 KATNAL1|A0A024RDP8 ARHGAP26|H0Y835
7757 MCTP1|Q6DN14 IRF3|M0QZB7
7758 SEPT1|I3L2M1 ND2|X5C5Z6
7759 RET|Q9UM90 SAMD4A|Q9UPU9
7760 PLXNA4B|A0A024R7A6 HLA-A|F6KRL8
7761 ATP6|B2XNF9 CYP4Z2P|Q8N1L4
7762 MSH2|Q0ZAJ2 HLA-C|A0A0A7C688
7763 FAM73B|A0A024R8B3 ND2|C7B3M4
7764 IFI27|P40305 ME3|E9PNN2
7765 GUCA1C|095843 CDH17|E5RJT3
7766 EHMT2|A2ABF8 AP1G1|H3BR36
7767 CYP21A2|C7DTY5 ZNF143|Q9H176
7768 FEN1|B4DWZ4 TTLL7|F2Z2X2
7769 ZFP3|Q96NJ6 HLA-C|G3D6D5
7770 ARVCF|Q05BN6 HLA-A|D6MLL1
7771 MTOR|B1AKQ2 NR1B2|F1D8S6
7772 EIF2AK2|C9JZT2 HLA-B|F8SKX7
7773 CROT|Q9UKG9 ANKRD53|Q8N9V6
7774 SEC23A|G3V4V1 BICD1|Q96G01
7775 ZC3H7B|A0A024R1N2 RAET1G|Q4V753
7776 SPOCK2|Q92563 ABLIM3|D6RHE7
7777 TAF15|A0A075B7D9 CES4A|Q5XG92
7778 SRD5A3|Q9H8P0 ND2|I3PYM7
7779 NAT16|C9JB11 NIPAL1|Q6NVV3
7780 MSX1|E9KXX9 COX3|S4V7D6
7781 HLA-A|Q95IG4 DENND1C|Q8IV53
7782 COX3|X5C9F1 ALPI|P09923
7783 ADAM20|O43506 GEMIN4|I3L4M4
7784 CIB2|H0YLL7 HLA-A|A0A0A7C3V9
7785 KCNG1|Q86Y85 PTPRS|G8JL96
7786 RBF0X1|X5DNY3 Hosa(Biaka)-T2R8|Q50KU1
7787 SCARB2|Q14108 SETBP1|Q9Y6X0
7788 DBI|B8ZWD1 ND3|F2WIP3
7789 HLA-B|D1G0T2 MYT1|Q6P6D5
7790 MECP2|A0A075BPP5 ND5|H9E7Y3
7791 BGN|P21810 LDB2|H0YA09
7792 HDM2|I6TZT0 CYTB|B8X669
7793 CYTB|G9LKF5 NADH1|Q4GEQ8
7794 EVX1|P49640 FAM65B|F5GX51
7795 NBR1|Q3LRI0 KIAA0101|G9G6D7
7796 HP|A0A0C4DGL8 ALPL|A0A024RAG0
7797 UTY|F4MHM0 ADAMTS7|Q9UKP4
7798 PARK2|Q6Q2I8 ZNF264|O43296
7799 CYP2D6|C1ID54 PRAMEF11|O60813
7800 HLA-C|D7NP02 PRKCSH|A0A024R7F1
7801 HLA-C|H9BYV5 CDC6|Q99741
7802 ACBD5|Q5T8E0 RBM23|G3V546
7803 MC2R|Q01718 CCDC121|Q6ZUS5
7804 E4-DBP|Q9H4E3 ZWINT|A6NH27
7805 PDHX|H0YD97 LACE1|A6ZJA2
7806 ZNF525|J3KR51 IL3|Q6NZ78
7807 ND2|Q6WQ54 ER01A|G3V2H0
7808 CEP83|H0YHH5 HLA-C|V5LM00
7809 IL1R1|C9J686 HLA-B|U6BN29
7810 PPP4R1|J3QL26 COX3|Q5Y0G2
7811 SEC63|Q9UGP8 PABPC1|E7EQV3
7812 LSM4|U3KQ57 COL11A1|P12107
7813 ND5|G9LED4 LAMTOR5|A0A0C4DGV4
7814 POLG|Q2V8X9 USP19|E7ESU0
7815 EPS15|B1AUU8 MED22|E7EN96
7816 SLC35A1|P78382 RHCE|D5L848
7817 BHLHB3|A0A024RAV8 LCORL|C9JI46
7818 DMRT1|H3BN61 KLHL3|D6RH21
7819 FOXO6|A6NCE0 PXT1|Q8NFP0
7820 MAP9|A2VCT0 KDM4B|O94953

7821	LRRCC1 Q9C099	CACNA1C A0A0A0MR67
7822	HLA-A D6ML04	FOXP2 Q0PRL4
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7824	ABHD5 F6K7K3	FUT1 Q8IVN2
7825	HLA-C E2DHB8	IDH1 C9JJE5
7826	CSF2RB Q6NSJ8	DAZ4 E7ENA5
7827	RALGPS2 H7C2H2	FKBP10 A0A024R1W3
7828	ITSN1 A7XZY7	FTSJ2 Q1WWK4
7829	TRIM2 C9JVI3	GPS1 A0A096LPJ3
7830	RPH3A Q9Y2J0	TBX3 A0A024RBL6
7831	NADSYN1 H0YQC6	HLA-DR15 D6MJC0
7832	RBM38 Q9H0Z9	FOS G3V2V7
7833	TP53 L0EQT1	COX3 A6Z809
7834	TRIM59 C9IY67	AP2B1 A0A087WZQ6
7835	PYROXD2 Q8N2H3	PXN F5GZ78
7836	RFX3 F6UV76	ATP6 L7SKU1
7837	AP2A2 E9PQP4	CREB3L4 Q5T4K9
7838	ND4 A0A023QT03	PIR A0A024RBX6
7839	WT1 P19544	CNGA1 A0A024R9X3
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7841	ZNF681 E9PJB6	NFE2L2 C9J1A8
7842	FAM122A Q96E09	HLA-C M9P9S0
7843	UTY F4MH64	CTH P32929
7844	OR1N1 A0A087WXB1	ADGRL3 H0Y9K5
7845	PDZD3 B0YJ61	IFNA16 P05015
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7847	HLA-DRB1 E1V2J8	RAB3C Q96E17
7848	UTP15 H0Y8P4	TMEM175 E7ETE6
7849	RNF144B Q7Z419	GRIN2A A0A0A0MS72
7850	UTY F4MH88	SMARCA1 A0A0A0MRP6
7851	PSPH C9JBI3	COX2 A1Z455
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7853	PAPPA Q13219	ABCB4 A7J1S5
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7855	HLA-C M9P8J8	ZNF500 Q0VAL1
7856	STK24 B4DR80	FHOD3 A0A0A0MTS9
7857	ARHGEF37 A1IGU5	AKAP13 A8MYJ1
7858	SYT17 H3BSX1	RPS8 P62241
7859	HLA-B E2D5Q2	HLA-B F8SKX1
7860	HSPH1 A0A024RDS1	FKBP10 H0Y827
7861	ND1 Q7Y7U2	ZFAT Q9P243
7862	GPX3 A0A087X1J7	AGAP2 J3KNM6
7863	SLC5A6 E7EP02	ND5 A0A023REG7
7864	STARD10 H0YGN8	STRBP Q96SI9
7865	EPHB2 B1AKC9	C14orf166 Q9Y224
7866	EMP1 A0A024RAT0	ABHD6 A0A024R323
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7869	EME1 D6RIT8	WNT6 Q9Y6F9
7870	ND5 B7TCV9	NADH4 Q4GQ65
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7883	COX1 G9LIE3	KCTD1 Q719H9
7884	HLA-A E5DCM4	HLA-A K7P518
7885	SDHA A0A024QZ30	HLA-C E0X612
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7896	ADSSL1 G3V5D8	HLA-A F8R103
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7904	FIZ1 K7ES33	MSX1 E9KXY9
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7907	SNRPB Q66K91	SYNDIG1 Q9H7V2
7908	HLA-A F6IQV6	REG1B P48304
7909	ADRA1D P25100	HAL Q2PH57
7910	KIF3B O15066	ZNF442 C9JC15
7911	OPRK1 P41145	GCOM1 H8Y6P7
7912	LSM2 Q9Y333	WASH A9QQ19
7913	CDK13 Q14004	HMGCLL1 B7Z212
7914	CCL27 Q5VZ77	HLA-A Q6ZZC0
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7919	MAST4 J3QT34	MRPL35 Q9NZE8
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7921	ATL3 Q6DD88	MPI H3BUG1
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7926	ADAM9 C9J6H5	PPP1R12B A0A024R998
7927	HLA-C D7NP21	GALT F6KV90
7928	FOX11 Q12952	CTBS Q01459
7929	ND6 A4ZMD8	UGT1A7 Q9H3G0
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7931	ATP6 D8L392	EZR Q6NUR7
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7933	CYTB T1Q4Z3	TCF19 Q9Y242
7934	REV3L O60673	TTN D3DPF9
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7936	MTERFD2 Q7Z6M4	MLH3 Q2M1Z1
7937	DLGAP3 A4QMX6	LAMTOR5 E9PLX3
7938	HLA-C G0X8U1	MG81 Q14830
7939	CREB3L2 Q86VD4	RAB4B Q6PIK3
7940	LFNG A0A087X191	RABGAP1 Q9Y3P9
7941	FCGR1A P12314	ND5 Q06UH9
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7943	ZNF418 M0R1R2	B4GALT1 P15291
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7945	UTY O14607	TLR10 D6RHW6
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7947	HNF1A E0YMI7	CHEK1 O14757
7948	ND4L D5MBN3	HLA-DPB1 A0A0A7C5T0
7949	HLA-C D5FZM4	RHD D2CRH1
7950	SHISA5 Q8N114	HLA-C G1EQ75
7951	KLK4 A0A0C4DFQ5	NAPE-PLD A0A024R737
7952	TTPAL Q9BTX7	CDH10 D6RJG0
7953	C1orf51 Q5TB14	SMYD4 Q8IYR2
7954	LYPD2 Q6UXB3	SLC9A6 Q92581
7955	TRERF1 A0A024RD50	PRICKLE3 A0A0A0MRT7
7956	ADAP1 O75689	TUBA4A C9JDS9

7957 NQ01|P15559 SK3|Q6JXY2
 7958 ND2|X2C0I8 ND3|C9D525
 7959 MARCKSL1|P49006 HLA-B|D3U400
 7960 UBE2V2|A0M8W4 AIRE|O43918
 7961 DKFZp586J151|Q9H072 PIGQ|E7ERP4
 7962 MY09A|H3BRD5 NME6|F2Z2J2
 7963 SNED1|H7C1R9 FBX043|Q4G163
 7964 PSMC3|E9PMD8 ISYNA1|J3KRH4
 7965 TUBGCP2|B3KTU7 CNTN4|F8WD58
 7966 SIM1|P81133 HLA-A|G0UE14
 7967 ATP6|S4V2L4 RPL35A|P18077
 7968 RBMX|H3BR27 PCYOX1|F8W8W4
 7969 ND1|A6ZEK0 HEL74|V9HWF3
 7970 PAFAH2|Q99487 TBX20|C1INI2
 7971 ZDHHC17|H0YI74 DMD|A0A087WV90
 7972 NKTR|A0A024R2N6 DOCK11|A6NIW2
 7973 LIME1|Q9H400 ND3|A0A096W9E4
 7974 RPL13|J3QSB4 ME6|O15203
 7975 GLIS3|Q1PHJ2 ATG4B|C9JQ72
 7976 DKFZp666G172|Q658V6 SEC24D|O94855
 7977 ND5|H9LMD8 FCF1|Q9Y324
 7978 IL1R1|C9JW84 CYTB|H9E7A1
 7979 HLA-C|E0YTL4 RC3H2|Q9HBD1
 7980 HLA-DPB1|A0A0A7C9X7 ALDH6A1|Q02252
 7981 TRIP4|Q15650 PKP4|E7EMY7
 7982 GSTT2|P0CG29 RHOBTB3|A0A024RAM7
 7983 ATP6|Q4F5F1 RAB1A|Q5U0I6
 7984 ZNF198|A0A024RDS3 ITIH6|Q6UXX5
 7985 ZSCAN2|F8W6Y9 HLA-C|D3U735
 7986 HLA-C|C5IZU7 MYL2|Q6IB42
 7987 CTNNA2|B8ZZE7 ND4|H9PDG9
 7988 SPACA3|Q05C28 HLA-C|K7P5Q4
 7989 HLA-B|D4HP81 MITF|O75030
 7990 ERBB2|P04626 EIF2AK3|Q9NZJ5
 7991 HLA-DRB1|D5FIF2 HTR3B|B3VRL5
 7992 ND2|F8RYR8 KEL|X5FSQ3
 7993 RUFY2|X6R3F0 STK31|Q9BXU1
 7994 TGM2|Q6DKH2 IP6K2|C9JRM0
 7995 B4GALT4|C9J644 SLC5A11|Q8WWX8
 7996 OR13D1|Q8NGV5 COA3|Q9Y2R0
 7997 TCTEX1D4|Q5JR98 ATP5G3|Q6LEU9
 7998 RAD50|C9JNH8 CASP8|Q14790
 7999 GABRP|E5RHU0 IL4|Q6NWP0
 8000 CDKAL1|Q5VV42 ALG1L|Q6GMV1
 8001 CTSH|A0A087X0D5 PSAP|P07602
 8002 TSPAN8|P19075 DOCK5|Q9H7D0
 8003 PTPN6|P29350 ND1|Q0G892
 8004 CIPC|G3V3Y7 ZFX|Q8NHZ2
 8005 FTH1|E9PPQ4 OR6C74|A6NCV1
 8006 SBF1|Q6PGN5 SLC3A2|F5H056
 8007 ATP6|J7HST1 TRIM13|O60858
 8008 GALK1|K7ERN9 STARD10|Q9Y365
 8009 BMP2K|K4DI97 CDKN2B|K7PPU3
 8010 ND4L|A0A059RI90 TMEM161B|E9PCX5
 8011 ATP6|A0A059RJ29 ZNF446|M0R034
 8012 BIRC7|Q96CA5 COI|U3M9S0
 8013 GAA|I3L2V9 TRPM3|H0Y3D4
 8014 P2RX1|K4JYE8 HLA-A|F6IQX2
 8015 RNF219|Q5W0B1 AP3D1|A0A087WYN6
 8016 ATP6|F1AKZ2 KLK13|Q86VI7
 8017 SIRT2|C9J3U7 CCR5|A0A089G3K0
 8018 UGT1A7|Q5K672 RAB11FIP3|O75154
 8019 NDUFA8|P51970 KIF2C|Q99661
 8020 HLA-A|F6IQX7 LOXL2|Q9Y4K0
 8021 VPS37D|Q86XT2 NFIX|K7EKH0
 8022 HLA-C|A0A0A7C6J3 BMPR1A|B5BUG9
 8023 MMP27|Q9H306 ATAD2|Q6PL18
 8024 TP53|L0ES92 RNF19A|A0A0C4DGD6

8025	COX1 B2XEY0	IQUB Q8NA54
8026	HLA-B E9RK89	HBD C9JRG0
8027	BCL2L2 G3V3B7	HLA-C E0WMT8
8028	ELAVL3 Q96J71	LDHA F5GWW2
8029	CYS1 Q717R9	SHFM1 F2Z2N6
8030	MRPL1 H0Y8N7	SPPL3 F5H4L1
8031	ND5 F1DMK2	OXCT2 Q6INA3
8032	BRIX1 Q8TDN6	BEST3 Q8N1M1
8033	NFU1 H7C537	COX1 A0A059QMF7
8034	AIFM3 C9JPU8	HLA-B G9I2K7
8035	HLA-B Q4QYZ8	USP45 H0Y8J5
8036	DKK3 E9PKW6	TRP-2 O75767
8037	DRG2 A8MZF9	PLD2 Q86YQ7
8038	UBA5 C9J0F6	TPH2 Q14CC5
8039	PGM3 H0Y8I3	HNRNP1L C9JJZ7
8040	CYTB Q3S994	KIAA1161 Q6NSJ0
8041	ZNF658 A0A087X0H1	HYAL1 C9JRK1
8042	RPL26 J3KSS0	ND5 A0A0A0PQM4
8043	UBE1C J3JZZ9	ZCCHC11 E9PKY2
8044	SLC1A3 P43003	CCND3 P30281
8045	BVES Q8NE79	F8 Q003W0
8046	COX1 A0A059QUZ1	OR51F1 A6NLW9
8047	C9orf72 Q96LT7	GNL3 A0A024R2Z6
8048	GABRA2 D6RBL7	STARD10 A0A024R5G8
8049	CCDC8 Q9H0W5	ND5 A4ZLA1
8050	CHD1L A0A087WTM4	KRTHB6 Q6YFL2
8051	ZC3H18 H3BPD0	SERPINA3 P01011
8052	PRND A7U7M2	PIGV A0A0A0MSQ1
8053	COX3 H9P818	ND5 A8JMW8
8054	TEAD4 Q15561	D2HGDH H7BZ32
8055	CTSA P10619	HLA-C D2DKK4
8056	F11 Q9UEG0	HLA-B B0BK95
8057	P2RX7 F5H2X6	TP53 S5LQQ1
8058	ARHGEF18 Q6ZSZ5	ATP6 U5KPX6
8059	CLDN7 O95471	DKFZp781A0653 Q68DJ3
8060	PSMB7 Q99436	TIMM21 J3KRJ3
8061	NOS3 E7ESA7	MDH2 Q75MT9
8062	COX1 Q6RRI3	CTDNEP1 I3L4B2
8063	UTY F4MHG5	MAP4K4 C9J840
8064	TFB2M Q9H5Q4	EHD1 C9JDQ8
8065	KLK15 Q6UBM2	ND2 A4ZLF7
8066	ATP6 D7P9F9	HEL-S-87p V9HWN7
8067	FLT1 V9Q5H8	BRCA2 Q9H4L2
8068	COX1 Q2HKZ3	SEC16A Q9BV84
8069	ZNF160 M0QZ49	NCF4 Q15080
8070	RPL22 K7EMH1	SLC5A2 H3BP44
8071	NAP1L1 F8W118	GDE1 H3BNA5
8072	PLA2 Q96RW9	ATP6V0D2 A0A024R991
8073	TPH2 B3VS30	EFHC1 B2CKC5
8074	RRP15 Q9Y3B9	SEC22L3 A0A024R2N5
8075	PIGB H3BS45	ND6 Q5XRI0
8076	DALRD3 C9JJG6	HLA-B G0ZMJ4
8077	RBCK1 Q9BYM8	METTL8 Q9H825
8078	SBK1 Q52WX2	HERC3 H0Y8G9
8079	CYSLTR1 Q9Y271	SLC25A26 H0YCY5
8080	ARL8A Q96BM9	GAS7 O60861
8081	TIPRL O75663	RBMS1 P29558
8082	ATP8 E5QB59	CCP110 H3BMS1
8083	L-Myc A0A0A0N0L0	FLOT2 Q14254
8084	FOXP2 A0A024R752	ATPAF2 C9J2Q2
8085	H2AFJ H0YFX9	RAB3GAP2 Q9H2M9
8086	COX3 A0A059RWD2	AP1AR H0Y8Y4
8087	CCL19 Q5VZ75	UPF3A A0A024RE10
8088	FAM150B Q6UX46	HLA-C I7AYB5
8089	GPR55 C9J1P7	ABCE1 H0Y990
8090	OR4P4 Q8NGL7	KMT2B Q9UMN6
8091	PHF2 E7ET14	DNAH17 Q9UFH2
8092	HLA-C Q861B1	ND2 B8X5K0

8093	WAS P42768	MAN1C1 A0A087WZ31
8094	SNX4 O95219	ND2 B8X5K0
8095	cytb B9EFW7	BST2 Q10589
8096	HLA-A A8E0Y3	SMYD1 C9JUP3
8097	HP1BP3 X6RGJ2	CTNNA1 E5RHHV7
8098	INTS2 J3KMZ7	ESRRB E7EWD9
8099	ZNF260 Q3ZCT1	TXLNG Q9NUQ3
8100	RCE1 Q9Y256	DMRTC2 M0R2D7
8101	CROT Q9UKG9	MUTYH H0YCA8
8102	INTS9 E5RK47	ND4 A0A096WE11
8103	ITPA Q9BY32	EFCAB2 H0Y588
8104	AMOT Q4VCS5	ND2 A0A059RWS3
8105	AP1S3 C9JZK4	PMEL P40967
8106	ATP6 H9RB12	PLS1 C9JU08
8107	HLA-C D6MLF3	CDK7 D6RF14
8108	ENTPD5 G3V3Y0	ZNF473 A0A024QZI1
8109	OR51A7 Q8NH64	TSC1 Q92574
8110	HLA-DRB1 U3PQT7	HLA-C D6MKX5
8111	HLA-Cw F8SY67	SRPR Q6IAX9
8112	ICOS Q9Y6W8	GPR144 Q7Z7M1
8113	RGS18 Q9NS28	ABC9 A0A024RBU1
8114	HLA-A A0A0A7C7B3	ETHE1 O95571
8115	UMOD I3L2K2	EPB41L5 Q4ZG32
8116	ATP8 V5JPT0	ND5 Q06V50
8117	UBE2D3 P61077	TFAM E5KSU5
8118	CUX1-RETA A0A097ZMP6	SHMT Q9UMC8
8119	DNM3 E5RIK2	CHIA Q9BZP6
8120	ZNF226 K7ERY1	ND5 F1DNK3
8121	RAET1H J7HBC9	CRYZL1 A6NHJ8
8122	HLA-DPB1 A0A0A7C5X1	HLA-A A0A0A7C894
8123	HLA-Cw G0WVC6	ASMT X5D784
8124	B4GALT4 C9J644	hCG_1998636 A0A024QZB1
8125	PYCR2 A0A087WZF0	VNN2 O95498
8126	ND5 A0A096WB60	PCCB E7ETT4
8127	PRRC2B Q5JSZ5	HLA-C D6MKU8
8128	DKFZp434D2030 Q9NSV5	HLA-Cw*07 Q9UEY2
8129	ADHFE1 A0A024R805	RASSF7 E9PM39
8130	BACE1 H0YDX0	DUOX2 A0A0A8J1J7
8131	TP53 D5KL88	USP47 Q96K76
8132	ARF3 A0A024R0Y6	SMCHD1 A6NHR9
8133	NADH5 Q4GI57	HLA-C F4YU89
8134	RHAG A0A0A1TSG9	FUT3 A8K737
8135	ACTR6 F8VP72	HNRPF A0A024R7T3
8136	TRAIIP E7EVC4	ORC5L Q9UDM8
8137	ESM1 Q9NQ30	PFKP Q49A78
8138	HLA-B S5CK29	MFHAS1 Q9Y4C4
8139	ND2 A0A059QGX8	ABCA10 K7ERP5
8140	ND1 Q5S9G5	ND6 A0A0A0PSE8
8141	SLC9A2 Q9UBY0	RHOA A0A0B6XK12
8142	PUF60 H0YEM1	TF Q06AH7
8143	SCP2 P22307	MSH2 C9J809
8144	HOXB8 P17481	FGR P09769
8145	ATP6 H9P0H8	DMTN Q08495
8146	OVOL1 Q86XL8	THAP4 Q8WY91
8147	FAM20C Q8IXL6	UGP2 Q16851
8148	ZNF592 Q92610	CYTB H9E7B4
8149	NAIP B7ZLE8	HES3 Q5TGS1
8150	EPHB1 C9J6S4	PKM H3BQZ3
8151	CAMK1D Q5SQQ7	HAUS7 Q99871
8152	PLCZ1 F5H828	NR1D1 P20393
8153	RPL18 F8VXR6	RAB38 A0A024R191
8154	ND2 D6C3E7	HLA-A D6MLN5
8155	ATP7B G1FFE9	TAPBP A0A024RCT1
8156	HLA-DQB1 L0BXV2	SLC22A23 C9J4Z0
8157	PKM H3BN34	VGLL4 E7EUJ2
8158	HLA-C A0A0A7C4N3	LRIF1 Q5T3J3
8159	KRT1 H6VRG0	HLA-A G1ENC2
8160	HLA-B G1ENI6	RRN3 Q9NYV6

8161 GTPBP2|A0A024RD30 HTRA4|P83105
 8162 FOXP2|A0A024R752 atp6|T2HJH9
 8163 ARHGEF38|Q9NXL2 LILRA1|O75019
 8164 HLA-C|D5M8B9 ZNF33A|Q06730
 8165 TXK|D6R9F2 SEMA4F|B7Z931
 8166 COX3|D0V1V1 CDH18|D6RIH8
 8167 HBB|O95412 METTL5|B8ZZE3
 8168 GPR62|Q8TAM0 SEPT5|E7EPG2
 8169 KCNJ1|A0A0C4DFP9 CYTB|H9E8K6
 8170 ND4|C7B389 HLA-C|U5YD66
 8171 hCG_23373|Q53YD8 RHD|Q9HCC3
 8172 RPL28|H0YMF4 IMPDH1|C9J381
 8173 NADH6|Q4GSE3 CTDSP2|A0A024RBA6
 8174 SDCCAG8|A0A0C4DG71 HLA-A|H9C3I4
 8175 NADH2|Q4GM05 PRDX1|Q06830
 8176 CRYZL1|A6NMA8 C16orf74|R4GN89
 8177 UBA3|Q8TBC4 CD300LD|Q6UXZ3
 8178 HLA-A|D3U479 ATPase|Q4G8X5
 8179 SLC9A3R2|H3BMF5 FOSL2|C9JCN8
 8180 CDH10|X5DNG6 VAMP3|Q15836
 8181 CPSF2|A0A024R6H0 PYCRL|B5MD87
 8182 MFSD1|Q9H3U5 hCG_2043421|D3DSV0
 8183 CACNA1B|Q9HBI3 LILRA2|Q8N149
 8184 HLA-B|Q4QZ17 MKNK2|Q9HBH9
 8185 LGP2|A0A024R1Y5 GALT|Q14354
 8186 RFX8|E9PDA6 UGT1A4|A9UKD8
 8187 UBA3|Q8TBC4 HLA-DPB1|Q8SND2
 8188 UFD1L|Q92890 ATP6|V5J527
 8189 PLAUI|P00749 ATP6|F1AZ37
 8190 HLA-DQB1|G8GW81 ROCK2|D6REE7
 8191 RHO|P08100 SRY|D9J2M1
 8192 MTHFD2|P13995 MKL1|B0QY84
 8193 TRPM5|B7ZKS5 GLO1|Q04760
 8194 HLA-DPB1|A0A0A7C6Z4 NGL1|Q4J1W0
 8195 GAS2L1|C9JFI0 GNB3|E9PCP0
 8196 ND5|A6YZQ6 ZBTB16|Q05516
 8197 HDM2|I6TZZ0 TMOD4|Q5JR82
 8198 ACKR2|V9GYM0 LDB2|E7EX95
 8199 CUL3|Q13618 RSF1|H0YEX0
 8200 ND1|H9QT41 CYP21A2|E9M5C7
 8201 GFRA3|O60609 COX3|I6V941
 8202 SOSTDC1|Q6X4U4 ZDHHC18|E9PJS3
 8203 BDKRB2|P30411 HLA-C|D6MKX6
 8204 EMR3|A7MAY3 CYB561A3|F5H466
 8205 CYTB|A0A059QPH7 ZXDB|P98169
 8206 hCG_41062|D6W5J0 NAF1|D6RIB3
 8207 AZI1|B2RN10 TINAG|Q5T471
 8208 HLA-A|D5FIG8 IKBKB|B3KRB7
 8209 COX1|A0A059RSZ2 SNAP23|O00161
 8210 HLA-C|C6K4M2 ABCA4|P78363
 8211 MAK16|Q9BXY0 MDM2|E7EMW5
 8212 ST6GALNAC4|A0A024R881 RHD|I0CKF7
 8213 TOP2A|J3KTB7 LIPC|A6H8L5
 8214 AP4M1|O00189 GNB1|B3KVK2
 8215 RPS19|P39019 ND5|F1AIH6
 8216 NADH5|Q4GF15 MLH3|A0A024R6H5
 8217 USP3|H0YL81 KLHL35|Q6PF15
 8218 C1S|F8WCZ6 HLA-DPB1|A0A0A7C8B0
 8219 HLA-C|G9HWA8 OTOG|H9KVB3
 8220 CHSY3|Q70JA7 PCNA|Q6FHF5
 8221 TAP1|Q6QWC1 NENF|Q9UMX5
 8222 ASUN|Q9NVM9 PCYT2|I3L1F9
 8223 ELK4|P28324 MIA|Q16674
 8224 UBB|Q5U5U6 ALDH1A3|P47895
 8225 HLA-DR15|F4YUA8 TTLL4|H7C1F7
 8226 HLA-Cw|Q64EU5 ASNSD1|C9IYZ1
 8227 ANXA6|H0YC77 ND5|W8D9F9
 8228 BHLHB3|A0A024RAV8 UBA5|Q9GZZ9

8229 SLC26A3|P40879 BCKDHB|P21953
 8230 SUSDA4|Q5VX71 C12orf10|Q86UA3
 8231 NDRG1|E5RG99 HLA-C|A0A096ZG80
 8232 COX1|A0A059RXU6 PMS2P3|Q13401
 8233 SCYL1|Q96KG9 DCDC2B|A2VCK2
 8234 ACE|J3QRX8 ANKK1|B0YIV3
 8235 PCM1|H0YBA1 COL5A1|A0A024R8E5
 8236 CATSPER2|H7BZ89 cytb|A7XTP7
 8237 CAMK4|Q16566 HLA-DRB1|F5BR67
 8238 HLA-B|W0NSR9 SPATA6|Q9NWH7
 8239 FLJ00241|Q8TEF6 MDA5|Q53TB6
 8240 COX2|A0A059QLX8 KPNA2|Q7Z726
 8241 LOC84524|Q53RD8 USP31|Q70CQ4
 8242 HLA-B|U5IQI0 MYC|B3CJ63
 8243 ORC5L|Q9UDM8 CYTB|A0A097Q169
 8244 RPN2|Q5JYR7 ND1|G4W0U1
 8245 CYTB|H9E7F3 ISCA2|Q86U28
 8246 ANXA3|D6RCA8 PAICS|E9PBS1
 8247 TUSC2|O75896 HLA-C|C6K4M8
 8248 GSTO2|Q9H4Y5 RELA|E9PNK5
 8249 FBX018|A0JLR1 ESX1|A6ZIT5
 8250 APEH|C9JIF9 CPPED1|Q9BRF8
 8251 SEPSECS|Q9HD40 CRB1|F5H0L2
 8252 JOSD1|B0QY57 ND2|V9JUS8
 8253 COIII|Q4GFE9 SLC46A3|Q7Z3Q1
 8254 POLR1B|Q9H9Y6 CYTB|X5BEG4
 8255 SFRS2|B3KUY1 HLA-A|C6K4E4
 8256 pk|D4Q8H0 ZDHH15|Q96MV8
 8257 CD40|P25942 KCNJ16|K7EPW9
 8258 VNN3|F5GYI1 SSH3|C9JUG3
 8259 SNTG1|A0A024R7Y0 ELOF1|A0A024R7E8
 8260 P2RY8|Q86VZ1 E2F5|C9JYE9
 8261 COX1|A0A059RT48 HLA-C|F6IQK0
 8262 HSPA4L|E9PDE8 CYTB|X5DSD0
 8263 HLA-DR15|E5DCR4 PIK3C3|A8MYT4
 8264 ATP6|A0A059RP18 CLVS2|Q5SYC1
 8265 CYTB|H9STV5 TNFRSF8|A5D8T4
 8266 RPL11|Q5VVC8 PDPK2|Q6A1A2
 8267 SH3GLB2|Q9NR46 DTNBP1|A6NFV8
 8268 Hosa(Japanese)-T2R56|Q50KC8 SULT1E1|P49888
 8269 NEUROD6|Q96NK8 HLA-B|A7LB39
 8270 FAM175B|Q15018 MEIS2|B3KP81
 8271 UTY|F4MHS0 CYTB|A0A096VYC8
 8272 COX1|A0A059RV27 KLC4|A0A024RCZ8
 8273 COX3|F1DLM3 MST1R|H2E272
 8274 POMT1|Q5JT03 COX3|A7LDP6
 8275 ATP6|H9T7A2 TRIM5|D8L1Z7
 8276 ATP6|H9NSN5 MEN|V9H027
 8277 PPM1K|Q8N3J5 SLC2A11|Q496K8
 8278 CYTB|A0A059QTD5 SEPT9|K7ENQ5
 8279 ZBED3|D6RIC4 COX3|A0A059SF52
 8280 DRD3|Q13167 POU5F1|F2Z381
 8281 AP3S1|Q92572 SPRR4|Q96PI1
 8282 cytb|Q85KU6 AP4M1|O00189
 8283 ND6|G9LGV6 DEFB125|Q8N687
 8284 HLA-DPA1|Q29ZN2 MYH14|Q7Z406
 8285 RPL17|J3KRB3 ARPP21|H7C0P9
 8286 COX3|Q85L04 METAP2|P50579
 8287 ND2|H6TWU0 F9|Q19UL3
 8288 ZBTB32|Q9Y2Y4 HNF1A|E0YMJ3
 8289 POLR3A|R4GMX2 CYTB|A4ZL12
 8290 CDKL3|Q8IVW4 ATP7A|Q04656
 8291 COX2|G8JE99 SCAF11|F8W6K1
 8292 COX3|U5Z242 CYTB|A9UJA1
 8293 HLA-C|V5NQY2 HLA-DPB1|A0A0A7C661
 8294 SOD1|X5CHU1 ND5|A0A076MIL9
 8295 LOC553158|B7ZMA4 CSF3|Q6FH65
 8296 ATP6|A0A059QSI6 ATP6|F2WHS9

8297 GOLPH3|D6REM1 FOXF2|Q12947
 8298 HLA-DRB1|O19621 COQ4|A0A024R890
 8299 ELL2|H0Y8G1 CYR61|O00622
 8300 AGT|B0ZBE2 PPM1B|C9JIR6
 8301 HLA-C|L0RH27 HLA-A|O19602
 8302 ABCB8|C9JYI3 COL13A1|Q5TAT6
 8303 GNGT1|P63211 OPRL1|Q6FGM5
 8304 LAP3|P28838 BILIQTL1|I6VE22
 8305 HYOU1|Q05D91 HRASLS|Q9HDD0
 8306 ARL4C|A0A024R4C5 SMAD5|H0YAM3
 8307 PPAP2C|O43688 CEP192|K7ENP4
 8308 LOC150763|D3DXG8 TTC23L|Q6PF05
 8309 HMGA2|F5H2A4 COIII|B9ECT2
 8310 ASMT|X5D784 COX3|A0A059RW26
 8311 SHMT1|A0A087WTD8 MDK|E9PPJ5
 8312 GPR27|F1DAM3 CNPPD1|Q9BV87
 8313 TEL02|Q9Y4R8 NHLRC2|Q8NBF2
 8314 FAM131C|Q96AQ9 LMOD2|Q6P5Q4
 8315 JAK1|A0A0A0N0M2 CYTB|V5JRF1
 8316 ATP6|E7E3U7 STIM1|E9PIQ8
 8317 COX1|A3RMP9 MUS81|Q96NY9
 8318 HLA-B|S5CK29 PICALM|E9PLJ8
 8319 PAPSS1|Q6IAX6 SLC12A9|C9JBD8
 8320 SCLT1|Q96NL6 NPHS1|O60500
 8321 EXOC2|A0A024QZT2 SYT4|M0R2I0
 8322 ATP6|R4I9N7 ZNF195|A0A087WT67
 8323 FOSB|Q6FGK6 ELF2|B7Z720
 8324 CHRNE|Q04844 ARHGAP26|C9J6V4
 8325 ETFDH|Q16134 ND2|E5QC91
 8326 POT1|Q5MJ35 NUDT2|P50583
 8327 HLA-DPB1|A0A0A7C6F9 SRA1|Q9HD15
 8328 COMMD1|Q8N668 XP07|E7ESC6
 8329 COX1|B2Y9D8 COX3|H9PIE5
 8330 CPLX2|D6R960 CEACAM4|O75871
 8331 MECOM|E7EQ57 PAXBP1|Q9Y5B6
 8332 TBC1D2|Q9BYX2 SHMT1|J3KRZ5
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 8345 RNASE13|Q5GAN3 HLA-B|Q7JGR7
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8374	LTA Q5STV3	CPS1 Q5R207
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 8695 CNKSR1|B4DXN4 HLA-DPB1|A0A0A7C9X7
 8696 TNNC1|P63316 GPR85|P60893
 8697 CDK7|D6REC6 SCN9A|Q15858
 8698 FOXP4|Q96AP5 TLR2|D2JYJ3
 8699 FGFBP3|Q8TAT2 HLA-C|I6NWJ5
 8700 TMPRSS3|P57727 SCN5A|A3EY20
 8701 HLA-DPB1|A0A0A7C6G4 OR5K4|A6NMS3
 8702 DKFZp686A1668|Q68CT4 INSL3|P51460
 8703 CNOT3|A0A087X0F9 CMBL|Q96DG6
 8704 OR8B2|Q96RD0 MRPL49|E9PI78

8705	STAT2 R9QG91	BPIFA3 Q9BQP9
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8707	ND1 A0A075XDP0	ZNF549 Q6P9A3
8708	HECTD1 Q9BRJ0	STAT1 J3KPM9
8709	WDR75 Q8IWA0	HLA-A F6IQW6
8710	HLA-B Q4GX02	TPP1 O14773
8711	PTGER2 P43116	ACAA2 A0A0B4J2A4
8712	SLC12A6 H0YKE6	ZNF571 A0A024R0L0
8713	METTL2B Q6P1Q9	ND5 C7B3F5
8714	SNX4 O95219	ND2 A0A059RN26
8715	UBE2QL1 A1L167	hCG_2002711 D3DXB2
8716	PTPRC A0A0A0MT22	VAMP2 P63027
8717	FNTA H0YCW1	MC2R Q01718
8718	SNX7 Q9UNH6	AF10 Q71UR7
8719	MRI1 Q9BV20	ISG20L2 Q9H9L3
8720	RDH12 Q96NR8	CSF2RA J3JS74
8721	HLA-C E0YTM2	EIF3L H0Y7E6
8722	ND6 H9SWX0	PDZD7 Q9H5P4
8723	PDGFRA D6RIG5	SULF2 Q5BKT1
8724	NPBWR2 P48146	TEAD2 Q15562
8725	TESPA1 A2RU30	ND5 U3L8P2
8726	CLDN5 O00501	LPPR4 Q86XM6
8727	SBF1 G5E933	HLA-B F8RHG4
8728	CORO1C F8VTT6	B4GALNT4 Q76KP1
8729	LEF1 A0A024RDI7	GTPBP4 Q9BZE4
8730	PNPLA3 F8W8E5	TBC1D16 Q8TBP0
8731	SPATA4 Q8NEY3	NOTCH4 B2RTR4
8732	PLXNB3 H7BZV5	IL7 Q5FBX5
8733	ncx1 Q6LAJ8	AGAP3 Q86ST5
8734	SLC12A6 H0YKJ2	ZBTB1 Q9Y2K1
8735	ZNF106 Q9H2Y7	ZNF699 Q32M78
8736	MDM2 Q8NDW1	HLA-C S5DLE7
8737	OTOR Q9NRC9	ACTR6 F8W043
8738	HLA-DPB1 A0A0A7C614	ZSCAN31 C9IYT1
8739	CHRN1 I3L535	FAM126A Q9BYI3
8740	PRKCE L7RTI5	LRRK1 H0YEW1
8741	DPCD Q9BVM2	HLA-B Q9TQC5
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8744	ND4 Q8WCZ0	ZNF507 Q8TCN5
8745	KIF17 A0A0A0MRS8	NAT9 J3QQP3
8746	DNMBP Q6XZF7	HLA-A Q860B1
8747	DCUN1D4 Q92564	LEPROTL1 Q6FHL7
8748	CXCL5 Q6I9S7	ATXN3 D3VVM1
8749	HLA-C D3U3P3	RAPGEF5 A8MQ07
8750	TXNDC12 O95881	ZNF578 M0QZV4
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8754	CYP4A22 Q5TCH4	DHRS7 A0A087X0Z7
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8759	CPT1B A2RRE8	TTYH1 C9J3K6
8760	DPEP2 J3KSU4	H2BFWT Q7Z2G1
8761	CEP78 Q5JTW2	CPT1C M0QZ13
8762	TCEB2 Q15370	HLA-A I2GAD6
8763	TAF9 D6RIV9	CYP21A2 C7DTW2
8764	HLA-C S5DLF2	ND5 A1DTE9
8765	NDUFC2 A0A024R5K6	STAT4 C9JM11
8766	CTBS Q01459	CALB1 E5RIZ8
8767	MSRB3 Q8IXL7	ND5 A0A023R4U6
8768	CRACR2B E9PHZ8	HLA-C A0A0A7C504
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8770	ZFH1B Q60F95	LOC392742 A4D1A8
8771	EVA1B Q9NVM1	SLC01B3 A0A024RAX6
8772	USP9X Q6P468	ACRBP Q8NEB7

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 8775 IFITM1|P13164 HLA-C|F5AVE9
 8776 UNC13B|O14795 CYTB|A0A059QDD1
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 8778 COX2|S4STI1 SCN5A|Q8WTQ6
 8779 EFCAB3|Q8N7B9 CFTR|A0A096ZUC4
 8780 RPL23|J3KT29 HRASLS3|A0A024R561
 8781 DTYMK|G5E9E9 SLC6A4|B3VRV0
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 8783 ARIH2|C9JBC5 ATP6|Q85KU2
 8784 HBZ|Q1W6G9 UBE2Z|Q9H832
 8785 TGFBI|P01137 hCG_1991559|A0A024R8W5
 8786 FCN2|Q15485 CO1|E2CZ38
 8787 ND4|H9E7L5 TTC14|Q96N46
 8788 RHCE|B6ZCG1 COX1|G9C7X1
 8789 ZNF487|H0Y2R6 EIF5|H0YK29
 8790 FTCDNL1|H3BUS8 ND5|A0A096YCN7
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 8794 ND5|D2Y6X1 KLHL20|Q9Y2M5
 8795 NBR1|Q3LRI0 GLS2|E5G743
 8796 GUCY1B3|B7Z685 INPP1|C9J173
 8797 DNPEP|E5RJ35 GRAP|Q13588
 8798 ARF5|A4D0Z3 MYD88|H0Y4G9
 8799 HLA-B|L0RH50 AKAP9|A0A0A0MRE9
 8800 COX1|A0A059QF37 HLA-C|D3JTB4
 8801 NAV3|Q8IVL0 SNRPD1|J3QLR7
 8802 SHCBP1L|Q9BZQ2 MYST3|A5PKX7
 8803 HLA-C|W8YSA8 PSMA8|A0A087WYS6
 8804 MLLT10|P55197 RNF208|Q9H0X6
 8805 CNTROB|Q8N137 PMVK|Q15126
 8806 HLA-B|L7X7Y3 NPAT|Q14207
 8807 ATP9B|O43861 GRIN2C|A0A024R8P7
 8808 NAT2|A4Z6T7 PDZD3|A0A024R3L5
 8809 ZNF677|M0R0I7 ARHGAP29|Q52LW3
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 8812 CTDSP1|A0A024R461 BRCA1|Q6P671
 8813 RAB2B|Q8WUD1 PPIL2|Q13356
 8814 NGF|P01138 KIFC1|Q9BW19
 8815 hCG_21531|B4DJ91 HLA-A|C7U1K2
 8816 PITPNM2|F5H664 ITGB5|D3DNA1
 8817 SLC25A37|Q9NYZ2 PHF8|B0QZZ2
 8818 TBC1D3D|A0A087WVF3 ATP6|A0A023QHY5
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 8820 HLA-C|A0A0A7C4Q9 CYTB|H9M563
 8821 AIFM3|C9JPU8 CHRNA7-2|B1N7G6
 8822 PEPD|P12955 AGAP2|F8VVT9
 8823 RHD|K4UNQ7 POMK|Q9H5K3
 8824 NDUFA11|Q86Y39 SYNPO2L|Q9H987
 8825 RPS4X|P62701 AIF1|Q4V347
 8826 CDON|E9PRD8 TD02|D6RB68
 8827 STARD9|Q9P2P6 ARL14|Q8N4G2
 8828 ND2|A0S231 DKFZp686P10213|Q6MZW7
 8829 ara|Q13798 PTPRT|A0A087WY22
 8830 HLA-B|F4YTC4 PGM2L1|Q6PCE3
 8831 BCAS2|B2R7W3 cytb|A8QL47
 8832 ABCB8|C9JTY4 ACSM5|I3L536
 8833 ALKBH3|H0YDH4 ARPC4|F8WDD7
 8834 PLEC|E9PQ28 PHYKPL|H7BYK2
 8835 OR51M1|B2RNI9 CACNA1E|Q9NYZ6
 8836 QRFPR|J3KNR3 NAPA|M0R058
 8837 IGF1|P05019 HLA-C|U5YCF0
 8838 KIF26A|C9JFF0 GMEB2|Q5JTV1
 8839 ATP6|E5E094 CCL26|Q9Y258
 8840 SAE1|A0A024R0R4 ABCG1|P45844

8841	HLA-C H6V084	TMEM68 H0YC64
8842	DHTKD1 C9JWN1	RNF126 A0A024R206
8843	HLA-C D6C6D5	PIM2 C9J8V9
8844	ZFHX4 E7EVZ1	IMPA2 K7ELF8
8845	TACR1 Q4VBL8	FGF21 Q9NSA1
8846	PCNXL4 Q63HM2	COX3 Q6R0W6
8847	PIP5K1C O60331	NRD1 Q6UUU9
8848	SUMF1 Q8NBK3	LPL Q8NEW3
8849	NUBPL X5D2R5	MAN1A2 Q5T9E3
8850	RASL10A Q92737	LYPD3 B2RBR3
8851	ZNF142 A0A024R418	RYR1 Q8WYM8
8852	CYTB L7NW44	RPS10-NUDT3 S4R435
8853	DDX12P Q92771	ND5 H9NQH3
8854	KATNAL2 K7EPQ6	PARVA Q9NVD7
8855	GHR A0A087X0H5	ACSBG1 H0YMH0
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8860	HLA-C C0KJY3	COX1 R9Y1Y2
8861	MAP4K3 Q8IVH8	TMEM219 Q86XT9
8862	GPR151 Q8TDV0	CYTB C9D543
8863	HLA-A F8R110	PAOX Q6QHF9
8864	DKFZp547H249 Q8NDR3	COX2 E7E4E0
8865	HLA-C D6MKU2	DKFZp686L24211 Q68D78
8866	NME7 E9PNU1	ULK2 Q8IYT8
8867	HLA D7RJ49	AFM P43652
8868	NDRG1 E5RGM5	FAU P62861
8869	CANX D6RHJ3	RPL3 P39023
8870	GDF3 Q9NR23	ND2 H9QXC4
8871	HLA-B G9HW36	PRKCZ F2Z2H9
8872	HEXDC J3QKL0	HSPA2 A0A024R6B5
8873	ATG4D K7EJA5	ND2 A0A023ZT78
8874	NCBP2 P52298	CFTR Q6KEG9
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8876	POC5 Q8NA72	TSPYL6 Q8N831
8877	COI Q4GUT4	MFNG A9UJP9
8878	DKFZp686D12108 Q5CZI2	PGLS M0R261
8879	ATP8 Q4F675	RAB24 Q969Q5
8880	F8 Q003V9	DMPK M0QZ00
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8882	ND2 Q4F5C9	HLA-A C6K4H5
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8884	HLA-C Q6T715	ABCB9 F5H7U2
8885	HLA-A Q5EDF8	HLA-Cw Q6ZYB9
8886	cytb Q4GS64	PNPLA3 F8W8E5
8887	RPS13 P62277	C1QTNF1 Q9BXJ1
8888	ZGLP1 B5MCP8	MORF4L1 Q0VAE4
8889	BCL2L1 Q07817	LMO1 Q4VBC4
8890	HLA-B Q1ZZH2	VAMP7 P51809
8891	CHAF1A Q13111	HLA-DRB1 O78044
8892	SP3 Q8WWU2	IIFT74 Q8IUV3
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8894	IFNA1 L0N195	ACTBL2 Q562R1
8895	HLA-A F8R126	PIWIL1 F5H889
8896	DDC P20711	RYR1 Q8WYM7
8897	NFATC2 Q13469	CATX-15 Q9HDA7
8898	UGT1A1 B6EBF5	ND1 K9MSU0
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8901	CKMT1B F8WFC7	PSPC1 X6RDA4
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8907	CPLX2 D6RBA5	MPI H3BPM5
8908	HLA-A W8Y4A2	SRSF1 Q07955

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 8911 ARRB2|I3L412 ND2|W8D7D4
 8912 ND2|G4W127 CAMLG|P49069
 8913 tgat|Q7Z2K2 RYR1|M0R014
 8914 ADORA2B|P29275 HLA-A|Q8HWS5
 8915 ND1|D8L335 ZNF302|D6RA23
 8916 DMRTB1|Q96MA1 IFITM3|H9NKY4
 8917 ATP6|D0UTX4 IDH3B|A0A087X2E5
 8918 ND5|I6QHH7 ND2|A0A059QUH8
 8919 FAM120B|Q96EK7 HBA2|E9LUX2
 8920 BDH1|C9K0G7 DKFZp666F1010|Q658X5
 8921 HLA-DRB1|A0A0A7C521 ND5|F1B6A5
 8922 KAZN|Q674X7 PCYT1A|C9JEJ2
 8923 KCNE1B|A0A087WUJ3 PPP3R1|P63098
 8924 HLA-A|F8R122 UGT1A4|Q8WX88
 8925 ZFP36L1|G3V2D5 ND5|Q4F1S2
 8926 WASF1|Q5SZK3 ILKAP|B8Y6Z6
 8927 SHKBP1|M0R2P6 KIF5B-RET(NM_020630)_K15;R12|M1VPF7
 8928 KIFAP3|Q92845 ATP8|A0A059QM53
 8929 HLA-DRB1|E1V2J8 DPPA3|Q6W0C5
 8930 ABL2|P42684 POLR2F|F8WC47
 8931 DNM1|Q05193 ND5|A0A096VYN4
 8932 HLA-DPB1|I2E6J3 RHEB|C9J931
 8933 SLC25A26|H7C430 HLA-C|N0AA77
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 8935 PTPA|B7ZBQ0 MCPH1|Q6RAS0
 8936 RPN1|P04843 CYP2C9|Q9UQ59
 8937 CHCHD5|Q9BSY4 cytb|T2HMT1
 8938 COX3|B2XEK5 HAS2|Q92819
 8939 PLB1|B2RWP8 ZNF302|Q9NR11
 8940 APOBEC3H|B7TQM4 HLA-C|M9P9M5
 8941 PSAT1|A9LS35 ZNF285A|B7ZLR9
 8942 TKTL1|P51854 GALNT1|Q10472
 8943 LCLAT1|C9JA02 TAF1L|Q8IZX4
 8944 SLC34A2-ROS1|M1V485 ZNF419|E5RJT6
 8945 MVK|A0A0B4J236 RBM8|A0A023T787
 8946 MCCC1|G5E9X5 RANBP17|Q8IVM9
 8947 ND3|A0A059QTD3 ARHGAP20|A0A0C4DGG5
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 8949 HLA-B|G1EMM0 ZNF668|C9J092
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 8956 HLA-B|C6H0P5 POMC|K7RME8
 8957 HLA-A|I0BW46 ND6|Q541N0
 8958 ND1|H9P3U3 HLA-C|C9WET3
 8959 USP17L4|A6NCW7 SMAD7|O15105
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8982	SCL Q9NY94	RASA4 O43374
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8986	PRCD Q00LT1	GGT1 E7ET76
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8994	GTPBP8 C9J8V5	cytb B9EF31
8995	RHCE B6ZCF7	HLA-C D5FZM8
8996	NTAN1 A0A087X0T5	CYTB F2WHT6
8997	ALG10B F8VXJ0	HES6 Q96HZ4
8998	EFR3A Q14156	ND1 H9S4I5
8999	MLX Q9UH92	ND4 A0A059QAQ3
9000	HLA-C I7AYB5	EGFL9 A0A024RD55
9001	CACNB4 C9J224	CYTB A0A0A0PYR7
9002	ATP6 D0UTW1	ATP6 A0S437
9003	LTA P01374	GAK O14976
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9005	SRSF6 Q13247	RABEP2 H3BNR2
9006	CYTB K9R3X6	VIM B0YJC5
9007	PLZF Q71UL6	TPGS1 Q6ZTW0
9008	PRKCSH P14314	IL1RN P18510
9009	MKLN1 Q9UL63	PAWR H0YI16
9010	PPARG Q4W4C7	ND1 U3LBX2
9011	MSX1 E9KY16	COMT E7EUU8
9012	MOK A0A0A0MQR5	PIGG E7EWV1
9013	CYTB Q6VI47	TFPI C9JBB3
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9015	ARFGAP1 Q8N6T3	AZIN1 E5RIB7
9016	ATP13A2 H0YAI7	EXT2 E9PJA5
9017	NDRG4 Q9ULP0	HLA-C U5YC89
9018	HLA-A C5J029	CDNF Q49AH0
9019	GNAT2 A0A087WZE5	STAT2 R9QFA6
9020	ND5 H9T5H2	ANXA3 D6RFG5
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9022	SRY Q6J0W5	cytb I6PNE6
9023	ND1 H9MSR8	ND2 E7E499
9024	LIPG A0A075B751	SLC35F5 Q8WV83
9025	TLR1 D1CS38	PIK3CD B7ZM44
9026	CRYGA Q24JT5	COIII Q4GIY4
9027	CCR4 P51679	SLC12A5 M4PM66
9028	TMEM139 Q8IV31	CHRM3 A0A024R3S2
9029	HBB Q3LR79	KDM1B Q8NB78
9030	AQP1 B4F4P6	cytb T2HMI4
9031	ADRA1A E7EW16	HLA-Cw C0M128
9032	SDC1 E9PHH3	HMGCR D6RIW0
9033	AGO4 Q9HCK5	COX1 H9M4B7
9034	B4GALNT1 A0A024RB50	ND3 Q27H02
9035	CHRN2 Q5SXY3	HPS1 Q92902
9036	FAAH2 Q6GMR7	AP2A2 E9PNC4
9037	ATP6 B4YD67	HHEX Q03014
9038	OGG1 Q9HCR8	UFSP1 Q6NVU6
9039	SOD1 X5D5A9	COX4I1 P13073
9040	ZNF697 Q8N508	HAS3 C0KZD9
9041	TLR1 D1CS34	GRIK3 Q96QG5
9042	CYTB Q6RLD5	DRD3 Q9NY31
9043	EQTN Q9NQ60	FTL P02792
9044	ZNF235 Q3KRA4	TRIM17 B3KP04

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 9048 AKR1C3|A0A0A0MSS8 ZNF589|Q86UQ0
 9049 COX1|A0A023Q3I2 KIF21B|O75037
 9050 NAT2|A4Z6U4 IFITM3|Q01628
 9051 TMEM110-MUSTN1|A8MSY1 STX16|F8W9Z6
 9052 ADGRG3|F8W8F7 GMIP|A0A024R7N1
 9053 PDE8B|Q3ZCR2 C2orf88|H7BZ15
 9054 MLLT4|Q96C95 MDH1B|C9JER5
 9055 TCTN1|Q2MV58 ADCY4|Q8NFM4
 9056 TCF4|H3BTP3 RGS17|Q9UGC6
 9057 PRUNE2|G8XWS8 AMOTL2|Q9Y2J4
 9058 CCDC79|Q8NA31 NDUFC2-KCTD14|A0A087WUM3
 9059 ALDOC|A0A024QZ64 CIRBP|K7EQR7
 9060 AMT|P48728 DDX19A|Q9NUU7
 9061 TFEB|P19484 RAET1E|I7FHP4
 9062 GIMAP4|Q9NUV9 ATP2A3|A0A0C4DGN3
 9063 HBB|Q9UP81 GDF11|O95390
 9064 SLFN11|K7ER38 GDPD4|Q6W3E5
 9065 ND5|Q5S9U8 RHD|I0CKF8
 9066 ACYP2|U3KQL2 PITPNM1|E9PMS0
 9067 GPR107|Q5VW38 MANBA|A7LFP5
 9068 EPHA6|B4DXM2 ND5|Q8W946
 9069 IL16|Q05BE6 CYTB|R4IAM6
 9070 HLA-A|I2B2Z9 MRRF|A0A024R850
 9071 DPYSL2|Q16555 KIF1Bbeta|Q4R9M8
 9072 DKFZp313C1541|Q5HYI5 ASAH1|B1B5S7
 9073 CUTC|Q5TCZ7 SNX8|C9JCB9
 9074 ATP6V0D2|E5RIR3 DPF1|E9PDV3
 9075 CTSC|I3V9T0 NMU|P48645
 9076 SREBF1|X6RBE4 FAM208B|Q5VWN6
 9077 KIF1Bbeta|Q4R9M9 SMARCA2|A0A0A0MSS5
 9078 ATP6|A0A023QHY5 POMC|E9PHK5
 9079 ALPL|P05186 PIAS2|K7EMP6
 9080 IL7|Q5FBY8 RHD|Q6A1H1
 9081 CCDC88C|Q9P219 ZNF85|M0QZN6
 9082 TYRP1|E7EQI3 ATXN3|G3V328
 9083 GPRC5C|Q9NQ84 OR10H5|Q8NGA6
 9084 DOPEY2|Q9Y3R5 DKFZp586J0620|Q9UG93
 9085 UNC5D|E9PDS8 DRAM2|S4R2Z2
 9086 CYP2W1|A6NJ10 ND4L|E5E146
 9087 DSC2|Q02487 HLA-C|M9P962
 9088 SH3TC2|Q8TF17 WRAP73|Q9P2S5
 9089 OR4C13|Q8NGP0 BRCA1|A0A024R1W0
 9090 MFSD4|Q8N468 CUL1|Q13616
 9091 ITGA3|K7EMU3 UGT1A3|A7E1U7
 9092 GABRA5|G3V2G8 hCG_36856|A0A024R010
 9093 ND5|I3PX66 GGT5|C9JU68
 9094 LUC7L|Q9NQ29 CEP290|Q05BJ6
 9095 RUVBL1|Q96S08 RPS9|A0A024R4M0
 9096 CACNG4|A0A024R8J8 HEL-S-100n|V9HW96
 9097 ALG6|S4R350 TWEAK|Q4ACW9
 9098 ABCA9|Q8IUA7 FUT9|Q9Y231
 9099 ATP1B3|P54709 RAET1G|C9JAK3
 9100 MTM1|Q13496 CCHCR1|Q8TD31
 9101 HLA-C|G1EQC0 ATP8|Q7YEE7
 9102 KLF7|O75840 BBS4|Q96RK4
 9103 RALGDS|Q12967 RNF32|G5E940
 9104 HLA-B|C9WCS8 HLA-DQB1|A0A0A7C5Z5
 9105 SPHK1|Q9BTG7 PKNOX1|Q6PKH2
 9106 DLX4|Q92988 HLA-C|I6MHJ4
 9107 EVI1|C7FEN9 ND1|C4PKA2
 9108 MGAT4C|F8VWY2 KRTAP19-5|Q3LI72
 9109 NAP1L1|F8W543 ATP6|U3LBH8
 9110 CDK4|F8W1L8 ABLIM1|O14639
 9111 USP17L1P|Q7RTZ2 FOSL2|P15408
 9112 CNR2|A0A024RAH7 GPR156|Q8NFN8

9113	HMOX2 Q6FHB5	ITIH1 P19827
9114	TMEM70 Q9BUB7	HERC2 A8KAQ8
9115	DNTT P04053	ATP6 A6YVQ2
9116	ABCC9 K4DI86	HLA-A I0BW48
9117	VEZT F2Z3A6	C2orf18 B4DLH2
9118	HLA-C E1U661	HLA-DQB1 I2G7Y6
9119	HLA-C F2X646	OR5H6 Q8NGV6
9120	IKBKAP Q4LE38	HLA-C M9P9U3
9121	ZNF552 Q9H707	B4GALT4 E7ETS9
9122	ESX1 A6ZIV3	TRIO O75962
9123	ALK D1MAM0	PLXNC1 F5H3A2
9124	OGG1 E5KPM9	HLA-A H9C5G0
9125	OR2A25 A4D2G3	HRH3 A0A087WZD3
9126	HLA-C M9PA30	NOTCH3 B8XFT4
9127	FTH1 E9PQR3	KCNJ13 C9JWD6
9128	AP2B1 A0A087WU93	CS F8VRP1
9129	PRPSAP2 O60256	RPGRIP1 G3V236
9130	MRPS18C A0A024RDH9	ZFAND4 J3KPC0
9131	KPG_010 Q5KU18	ATP8 Q7YEE7
9132	SLC7A1 A0A024RDQ9	MCTP2 Q6DN12
9133	XIRP2 A4UGR9	HEL46 B3KNK9
9134	PISD B1AKM8	ND1 B2XK13
9135	GNB1 B3KVK2	PIGH Q14442
9136	ND3 A6YXV4	EMC1 Q8N766
9137	DDX39B Q5STU3	MUT A0A0B4U7B0
9138	HLA-A D6ML56	HLA-DRB1 D5FZP1
9139	SAE1 A0A024R0R4	RAET1L J7HBE3
9140	COIII Q4G6P4	TLR4 D2JYI5
9141	PKP4 Q4W5T8	POP4 K7ERD7
9142	PPP1R3B Q86XI6	ND5 L7NV51
9143	GGN K7EJI6	MYO1C I3L4D4
9144	SLC38A2 A0A024R0W3	CCDC6-RETc J7M8C2
9145	CYCS G4XXL9	ITGB7 A0A023IPD5
9146	DCC J3QRM6	HLA-DPB1 A0A0A7C6I5
9147	CHRM5 A0A024R9I2	HYKK A0A0C4DGM4
9148	HLA-A E0WN56	RABEP1 Q05BX6
9149	HLA-DRB1 U3PQT7	DNAH9 J3QQK8
9150	HNRNPL Q6NTA2	RHD Q2A0N8
9151	DUSP18 A0A024R1L2	CLIC3 Q6FGP1
9152	ITGA4 A0A023IQK0	TMC03 A0A024RE09
9153	DNAJC4 Q9NNZ3	BRCA1 A0A068BFV9
9154	TP53 S5LMG1	ADGRL3 E7EW95
9155	ZNF671 Q8TAW3	APOL1 Q1WWL5
9156	HLA-A F2VNI4	DDX39A K7EQN7
9157	GAL3ST1 C9J3S3	ACLY Q4LE36
9158	ZFAND3 Q9H8U3	GABRA6 E7EV53
9159	ZFPM2 Q8WW38	MGRN1 K7EIM7
9160	BUD31 P41223	CYTB D7PA24
9161	UTY F4MHA0	KCNU1 E5RHP1
9162	LCN12 Q8IW14	COX1 H9E7I2
9163	ARMC10 Q8N2F6	FADS6 A0A087WU67
9164	NEU4 C9JEA3	ADGRB3 S4R307
9165	TDP43 A0A0A0N0M3	NADH2 Q4GEA1
9166	WFDC2 A8K2M3	ND5 B4YFW0
9167	SPAG11B Q08648	BCAP29 E9PAJ1
9168	CUL5 L0L6C1	PTBP3 X6R242
9169	HLA-A C5IZR4	ZNF695 Q8IW36
9170	RAX G3V2C8	PRAMEF17 Q5VTA0
9171	HLA-DRB1 Q5JZX3	HLA-A F2VYI5
9172	RHCE J9ZZ28	ND3 E9L9P2
9173	HNRNPC G3V2H6	HLA-B Q70I17
9174	ABCC6 O95255	UPF1 A0A024R7L8
9175	FOXE1 O00358	PCBD Q6FGB3
9176	PRPS1L1 P21108	APOE P02649
9177	ARHGDIG A2ID99	HLA-DPB1 A0A0A7C617
9178	HLA-A Q9GIN1	ZBTB40 Q1RMZ5
9179	SMC2 Q05BV1	ABCC12 B4DYN2
9180	ATP6 A4ZLA9	BAP1 Q92560

9181	MST1 H7C0F8	LARP7 D6RFF0
9182	WDFY2 Q96P53	hCG_2042868 A0A024R1B6
9183	DSP G1UI31	MRPS7 J3Q0S1
9184	EPB42 F5H563	FLG2 Q5D862
9185	FABP6 P51161	PCDH18 Q9HCL0
9186	PRSS33 I3L1S0	SLC12A6 H0YKE6
9187	CACNG5 Q9UF02	CIZ1 H0Y5D5
9188	HLA-A D7NNT9	HLA-C U5YC63
9189	ND1 U5KQC8	DDX39B F6U6E2
9190	NADH3 B9EE38	RPL17 A0A087WWH0
9191	RRBP1 A2A2S5	CTSC I3V9T0
9192	SREBF2 Q12772	RBM47 D6RFL5
9193	HBB Q9HAR8	GARNL3 A0A0C4DFW0
9194	UTY F4MHS6	ATP6 A0A075X6H8
9195	IL13RA2 D0EFR8	ATP6V0E1 O15342
9196	LRP1 Q7Z7K9	HLA-A D5FHR9
9197	ZNF682 O95780	PKIA A0A024R7Y9
9198	UBE2E1 A0A024R2K3	ATL1-alpha L8B7P7
9199	NR1B1 F1D8N9	HAS1 M0R1L3
9200	INPP1 C9J2Z6	UBE2J1 Q9Y385
9201	ADCY9 O60503	NKX2-8 O15522
9202	NUP62CL Q9H1M0	PHF11 H0Y4X7
9203	ZNF705A Q6ZN79	ZNF707 Q96C28
9204	HLA-C F2VNN9	ATP2B1 Q58F24
9205	PPM1F A8MX49	PPIC P45877
9206	AANAT Q9H3T1	HLA-C V5LM42
9207	ND6 A0A0A0PMS4	ND1 A0A023QXJ5
9208	ND5 A0A023QKL5	TRPM7 Q96QT4
9209	HMGCLL1 Q8TB92	DGAT2 Q96PD7
9210	LATS2 A0A024RDM3	MAP2K3 Q6FHG1
9211	ND5 A0A097Q0R3	HNRNPA1L2 Q32P51
9212	TGIF1 F8VUY0	SMAD1 D6RAY1
9213	ATP6 E9NJY3	PTPN4 J3KQD3
9214	ARF3 P61204	HLA-A I0BW52
9215	SGCB Q5U0N0	ATP6AP1 Q15904
9216	RLN2 P04090	ATAD3B Q5T9A4
9217	TLR3 Q6PCD4	HBA2 U3PXP0
9218	ZSCAN30 Q86W11	GTF2F2 P13984
9219	RPL8 G3V1A1	FAM156A A0A087WVC8
9220	ND4 Q4EWT1	SLITRK5 O94991
9221	CDH11 P55287	TGIF2LX Q8IUE1
9222	COX1 A0A059QLE2	BAIAP2 I3L526
9223	GLDN Q14DE1	NADH5 Q4GFX7
9224	C8orf4 Q9NR00	TTLL9 B4DZ96
9225	NRP2 Q96GU8	TNFSF10 Q6IBA9
9226	ND5 Q1ADK8	MAN1B1 H0YI64
9227	NAP1L4 E9PKI2	HLA-C F6IQK6
9228	C1orf51 Q5TB14	HLA-DQB1*06x O46871
9229	ZNF431 A0A024R7Q8	HLA-C H2BDQ4
9230	ATP6 H9NRA4	ND3 A0A059QPH2
9231	PITX3 D3DR82	ERAL1 J3QRV9
9232	BRF1 F8VWT8	ZNF681 Q96N22
9233	DIO1 C6ZRC2	ATP6 B5M7I3
9234	TAOK3 F5H005	Hosa(Biaka)-T2R55 Q50KD4
9235	KIF3C F8WER6	NELFA Q9H3P2
9236	DCTN3 O75935	UTY F4MHC7
9237	MTRR D6RF21	ZNF681 B9EGB3
9238	ACAA1 A0A024R2M6	MRPL48 Q96GC5
9239	OR11G2 Q8NGC1	GPR115 Q8IZF3
9240	ND4 E9NKJ3	MEIS2 A0A024R9L4
9241	ZSCAN29 Q05BJ4	ATXN3 D3VVH9
9242	CYBA H3BNP7	GEMIN6 Q8WXD5
9243	RHCG H0YKQ3	ZNF398 A0A090N7S8
9244	NAV2 Q8IVL1	HLA-B D5L9J7
9245	KCTD8 Q6ZWB6	CASP1 P29466
9246	F13A1 Q9NQP5	ABHD5 Q8WTS1
9247	ABCC3 D3DTY0	PITX1 X5D9A5
9248	TBCA E5RJ08	PBX1 A0A0A0MTI0

9249 ND1|A0A059QWC0 CYTB|A0A096WFI8
 9250 HOXD11|Q14DW8 CXCL13|O43927
 9251 HLA-A|G1EP89 GUK1|B1ANH0
 9252 HLA-DQB1|Q67AI9 CCS|E9PP76
 9253 ZNF90|Q03938 LMNA|Q5I6Y5
 9254 PRKD1|Q15139 ND2|H9E790
 9255 GOLGA1|Q92805 PITPNB|A0A0A0MSW4
 9256 GCDH|G8FL39 HELB|F5H1I4
 9257 PAH|P00439 MYCL|P12524
 9258 RERE|Q9P2R6 ND2|A4ZLF7
 9259 H2AFY2|Q9P0M6 MICA|G9HQC6
 9260 DDX5|J3KTA4 HLA-DQB1|E7BCL4
 9261 RHEB|A0A090N900 HLA-A|A7X571
 9262 DKFZp686B16128|Q68D23 SEPT11|D6RGI3
 9263 MRPL7/L12|Q96Q74 PCED1A|Q9H1Q7
 9264 TMEM106B|Q9NUM4 TLE6|Q9H808
 9265 UMODL1|Q6L9N4 NR1H2|M0R1V8
 9266 NEUROD1|Q13562 PBX1|H0YKH1
 9267 ECAC1|Q9H480 PLCZ1|F5H474
 9268 CYTB|A0A076MBL6 CYTB|A6ZI08
 9269 NF1|J3QQN8 MCF2L2|Q86YR7
 9270 NUP37|Q8NFH4 ZNF569|A0A024R0G4
 9271 THEMIS2|Q5TEJ8 COX2|X2C841
 9272 TSHR|P16473 ATP6|Q5XSM6
 9273 HLA-C|K7P5T9 FM01|Q01740
 9274 DALRD3|C9JJG6 DDIT4|Q9NX09
 9275 GLB1|E7EQ29 GRIA3|P42263
 9276 PAX8|A0A024R4X8 SMC2|B7ZLZ7
 9277 METTL3|B4DTN4 EXOSC9|D6RIY6
 9278 HSPE1|B8ZZ54 COX3|E5E1D5
 9279 HLA-DPB1|A0A0A7C571 KCNH5|Q86XI1
 9280 FUT11|Q495W5 CDH22|Q49AS4
 9281 FAM57B|Q71RH2 BID|P55957
 9282 RFX4|B4DZB7 RPS6|P62753
 9283 ND6|A0A023R385 ZNF23|H0Y310
 9284 MYH11|B1PS43 HLA-C|F1CCK2
 9285 ND3|R9Y3S3 GTF2I-RARA|A0A0A0VEB4
 9286 ATM|A8WFP7 ND1|A4ZMC7
 9287 HLA-C|K7P5M8 GGT1|E7EVF8
 9288 LYPLA2|O95372 P2RX7|Q99572
 9289 F9|Q19UJ5 PTK2B|E5RJ77
 9290 ND5|A0A023I7Z4 PHF3|Q92576
 9291 TOE1|Q96GM8 HLA-DPA1|K4PDP4
 9292 RABL2A|E7EWW3 DPP4|F8WE17
 9293 HLA-DR15|D7NST2 HLA-A|D6MLM5
 9294 MYO18B|F5H6I8 NIN|H0YDJ4
 9295 ABCA13|H7C0U5 FAM3C|Q92520
 9296 SLC44A5|Q8NCS7 HLA-C|U5YCE6
 9297 LDHB|C9J7H8 HLA-C|I6TEZ2
 9298 GABRA2|D6RBK9 PSMD8|P48556
 9299 EIF3K|B4DVD7 EIF3B|B4DV79
 9300 AZGP1|P25311 FOXQ1|Q9C009
 9301 ACSL5|Q9ULC5 SQORDL|Q9Y6N5
 9302 PRDM9|D6RD68 HEL-S-73|V9HW24
 9303 DZIP1L|D3DNE5 CLPTM1L|Q96KA5
 9304 RNF40|H3BP71 HAUS4|G3V4X7
 9305 DNAJB9|Q6FIF1 TREM1|Q9NP99
 9306 SACM1L|C9JV50 DKFZp762M013|Q69YP1
 9307 CYTB|A4ZL12 ND4|H9PAU6
 9308 COX1|A6YTK8 ITGBL1|A0A024RDW7
 9309 GAL3ST1|C9K037 CGI-87|Q53QD4
 9310 ABCD4|E9PI46 COX2|A4ZKZ0
 9311 VARS2|A0A0A0MTG1 PURA|Q2NLC9
 9312 HLA-C|D6ML82 CMTM2|Q8TAZ6
 9313 ZNF142|A0A024R465 LPP|Q93052
 9314 AHSG|P02765 DGKQ|D6RJB4
 9315 BSN|Q9UPA5 DLX2|X5D7D8
 9316 RHD|A0A0A8WGH0 AKIP1|E9PNI1

9317 PRICKLE3|043900 SIPA1L1|A6H8W6
 9318 DKFZp566I1346|Q659E4 MYH7|P12883
 9319 FUT2|B5B9L6 TIPARP|Q7Z3E1
 9320 ND1|U5Z754 NUP43|Q8NFH3
 9321 PCDHGA3|A4IF53 HLA-C|F6IQK9
 9322 MAP1B|A5D8X6 UBA1|Q5JRS3
 9323 ND5|A4ZMY2 UBE1C|J3JZZ9
 9324 MMP11|P24347 FGFR1|D3DSX2
 9325 ELAVL1|M0R055 COX3|Q2HKH0
 9326 PRDM15|E7ER26 TBXA2R|Q05C92
 9327 GYG1|Q8N5Y3 EBP|C9J719
 9328 DHRSX|Q8N5I4 TRAPPC2L|H3BPS1
 9329 ND6|E5E1V9 DDX11|Q2NKM7
 9330 RAX|G3V2C8 SPATA31B1|Q5VZV4
 9331 HLA-C|F8RHH7 RyR|D7UNU2
 9332 LPIN2|J3KTK1 NFIB|U3KPY9
 9333 HLA-C|G1EQ58 SPANXA1|Q9NS26
 9334 STRA8|Q7Z7C7 ATP6|T1SSU2
 9335 HLA-A|A0A060VCY7 FEN1|P39748
 9336 ADAR|P55265 CYTB|H9SK11
 9337 NAP1L6|A6NFF2 CUL4A|A0A0A0MR50
 9338 ANAPC15|F5H3R3 CCR1|P32246
 9339 KRT222|Q8N1A0 SLC41A3|D6R9S7
 9340 AZIN1|U3KQI8 MARS|H0YI94
 9341 TCEA1|E5RFI1 ND5|B0Z723
 9342 MOK|A0A0A0MQR5 TMEM126A|Q9H061
 9343 ACP6|A0A087WW36 HLA-A|C5IZM9
 9344 TRAT1|Q6PIZ9 cytb|A7XTV3
 9345 AMELX|B2BY28 NIN|H9KV85
 9346 USP42|Q9H9J4 DNPEP|F8WAN0
 9347 S100A12|P80511 ATP6|R9Y5X7
 9348 PPA2|H0Y8X2 FGD6|Q6ZV73
 9349 GUK1|Q6IBG8 NR4A2|H7BZ00
 9350 SLC25A20|C9JPE1 ND6|H9Q8L4
 9351 ATP6|H9T7A2 COX1|L7XNU8
 9352 RHD|Q5CCG7 GPX1|Q6NSD4
 9353 EP300|Q7Z6C1 DAO|A0A0B4J257
 9354 TRIM43B|A6NCK2 LPCAT1|Q8NF37
 9355 ZEB2|E7EUW9 CCDC141|Q6ZP82
 9356 FOXN2|Q6IS90 RAB8B|H0YLJ8
 9357 MSX1|E9KY00 HLA-G|Q6B849
 9358 COX3|E7E3Q9 SELM|Q8WWX9
 9359 DKFZp761E0417|Q8N3U8 IL1R1|C9JWB2
 9360 CPD|J3Q0J4 E2F1|Q01094
 9361 GMEB2|Q5JTV1 KHDRBS2|Q5VWX1
 9362 TFAP2D|Q7Z6R9 HLA-DR15|G1EMW2
 9363 HLA-C|R4QT87 C9orf114|Q5T280
 9364 CRB2|Q5IJ48 HLA-DPB1|A0A0A7C749
 9365 HLA-C|Q700Z7 ND5|T1Q773
 9366 ND1|A0A023QKQ2 SYCP1|B7ZLS9
 9367 CPS1|P31327 HLA-G|O19684
 9368 HLA-C|U5YD81 HLA-C|M9PAE7
 9369 ITPK1|G3V4M9 MED13L|Q71F56
 9370 IL20RB|Q6UXL0 EPB41L3|Q96HL7
 9371 ATP8|G9LC48 PHPT1|Q9NRX4
 9372 HLA-A|Q5JZM7 ND6|Q9B0M9
 9373 NKIRAS2|A0A024R1Z4 HLA-DQB1|A0A0A7C980
 9374 TUBE1|S4R3K3 HLA-A|G1END5
 9375 HLA-DQB1|R4QGI8 ATXN1L|P0C7T5
 9376 ARFGEF1|E5RIF2 KIAA1958|Q8N8K9
 9377 GPR125|Q8IWK6 GMIP|K7EJC2
 9378 STK38L|I3L0D0 FHIT|E9PBZ0
 9379 DAPL1|A0PJW8 TRIM46|A0A0A0MS35
 9380 PPRC1|X6R7H2 SSH2|J3KSQ9
 9381 COX2|A0A068BST3 GOLTI1B|Q9Y3E0
 9382 cytb|B3DEV1 PRSS1|Q86W19
 9383 SFRS3|B2R6F3 HLA-B|G9I2K7
 9384 MCM6|Q14566 PKNOX1|P55347

9385 MAP2K3|C7DUW4 FM03|P31513
 9386 PRIM1|F8VNY2 ATP6|L7SKU1
 9387 PRUNE2|A0A088AWP5 MAGED2|Q9UNF1
 9388 ATP6|D0VDU7 MAP3K9|G3V4P9
 9389 SNAPC3|Q92966 UPP1|B4DND0
 9390 HLA-C|S5DI32 RPL37A|M0R0A1
 9391 NR1D1|P20393 DAND5|Q8N907
 9392 HLA-B|D1G0T8 SCNN1D|H0Y3F1
 9393 WBSR17|Q6IS24 CPA1|P15085
 9394 CYP3A43/CYP3A4|Q86SK3 YTHDC2|Q9H6S0
 9395 URG4|A0A024RA74 HLA-DQB1|A2VCT9
 9396 PRG2|P13727 LPP|Q93052
 9397 MIB2|D6RE96 PYCR2|A0A087WZF0
 9398 MYH11|Q66K75 FCH01|M0QZI3
 9399 TRIM55|Q9BYV6 CLGN|D6RAZ4
 9400 RAP1B|F5H077 TSEN2|A0A024R2H2
 9401 MUS81|H0YDE3 TLE3|H0YKT5
 9402 RERE|H7BYW9 COX1|Q4F563
 9403 ZFAND2B|E7EV05 ZHX2|H0YKA3
 9404 GNB1|B1AKQ8 DKFZp566A0447|Q8TCK8
 9405 GNG11|Q53Y01 F8C|Q9UQQ5
 9406 CLMN|Q6NUQ2 KRT17|K7ESE1
 9407 OGG1|E5KPM5 CRMP1|X5DQV1
 9408 HLA-C|H2BE95 EAF1|F8WFA5
 9409 ZFP2|B7ZM21 HLA-B|D2DKF6
 9410 HLA-A|F8R8I3 STK39|X5DP03
 9411 VPS4A|A0A024R705 AKR1E2|G3V1C1
 9412 GLYATL1|Q969I3 HLA-DPB1|A0A0A7C8D7
 9413 DIABLO|A0A024RBT2 WWC3|Q9ULE0
 9414 AICDA|Q6QHI9 SLC39A9|Q9NUM3
 9415 ADAMTS19|Q8TE59 PPWD1|Q96BP3
 9416 CD4|Q6LCP8 PARVA|Q9NVD7
 9417 ND1|L7NV21 PTK2|E5RI03
 9418 SNRPD3|H3BT13 MPP2|A0A0C4DH75
 9419 EPM2A|O95278 PTK2|I6L996
 9420 ZNF782|C9J9Y8 ZNF596|E5RHT8
 9421 AMPD1|P23109 ATP6|Q4EXI2
 9422 HDC|H0YLF0 PANX3|Q96QZ0
 9423 HLA-C|D7NP69 HLA-A|G1ENC7
 9424 NME7|B4DXC8 RPL3|Q49AJ9
 9425 ARHGAP45|A0A087X1A3 A-735G6.3|O14563
 9426 SYNPO|A7MD96 RARRES2|C9J8S2
 9427 NEK7|A0A024R964 NDUFB5|O43674
 9428 PLXND1|Q9Y4D7 CACNG1|Q06432
 9429 DKFZP564I0422|Q6FIE1 HLA-C|C8CH96
 9430 DPY19L4|Q7Z388 MAP9|A2VCT0
 9431 ZNF397|Q8NF99 CYP2D6|C1ID52
 9432 PROS1|P07225 SLC35A5|H7BXF8
 9433 USP50|A0A087X0L6 HLA-Cw|B9VR41
 9434 CSH1|Q6PF11 GPR119|Q8TDV5
 9435 HLA-C|F8R8L3 PCM1|Q15154
 9436 MORC3|Q14149 MDN1|Q6PJ11
 9437 HLA-C|G1EQ50 CLCN1|H7C0N6
 9438 KCNJ11|H0YES9 NANOGP8|J7H9S6
 9439 TFF1|P04155 POLR3GL|Q9BT43
 9440 HNRNPH1|G8JLB6 GRK1|B9EIS4
 9441 SART1|E9PQI8 FLG|I0B0K5
 9442 SSBP1|A4D1U3 SLC44A2|Q8IWA5
 9443 HLA-A|F6IQX9 CD5|P06127
 9444 ITGA4|A0A023IP88 TRIM71|Q2Q1W2
 9445 EIF3K|B4DQ48 ATP6|Q4F296
 9446 MBNL1|Q86VM6 CLCN4|G3XAG5
 9447 ND4|H9PF15 HLA-A|G9I2K1
 9448 PYCR1|J3QKT3 NADH4|Q4GE93
 9449 ZSCAN25|C9K079 CETP|P11597
 9450 ZIC2|O95409 GDDP1|J3QRR6
 9451 FLJ00414|Q86YU9 CLEC14A|Q86T13
 9452 NPAS3|F8VR32 ZNF207|J3QRS9

9453	ACY1 F8WC59	COII D2Y6Y2
9454	METTL16 Q86W50	HLA-Cw A7LH95
9455	SHOX2 O60902	BOD1L2 Q8IYS8
9456	FCRLA Q7L513	ROR1 A2VCQ3
9457	BTG4 Q9NY30	RNASEL Q1RLL8
9458	HLA-B M9P9C3	FM03 P31513
9459	NCALD E5RHC8	SLC35B4 F8WAW0
9460	TMEM39A Q9NV64	MAB21L1 F1T0A2
9461	EDAR Q9UNE0	KIAA0753 I3L3Y0
9462	MMP2 H3BS34	ND5 Q7YEF9
9463	UTY F4MHE0	KCTD2 Q14681
9464	ADAMTSL5 A0A087WZI4	PKDCC Q504Y2
9465	ND1 B3VSQ8	GSE1 Q14687
9466	HSD17B13 Q7Z5P4	SLC6A13 F5GZA5
9467	MYH2 E7EX84	MSRB3 F5H199
9468	TCN2 B5MBX2	TLR1 D6RA99
9469	POLD3 E9PNC0	CYTB X5C0K6
9470	ND6 A0A023R5S7	STX7 O15400
9471	CEP192 H0Y966	KIF17 Q9P2E2
9472	TOP3A J3KS96	PARP2 G3V167
9473	ND5 Q7GWT3	HLA-B P30486
9474	GJB7 Q6PEY0	IKZF1 A0A0A0MRA0
9475	CSF3 P09919	MBD3 A0A087X1H1
9476	RPA4 Q13156	ATP8 Q8HNQ6
9477	FMR1 Q8IXW7	MS4A12 Q9NXJ0
9478	NAT2 A4Z6V9	CCL16 A0A087WUE5
9479	DCT1 A0A0A1EL53	HLA-C A0A0A7C527
9480	CYTB H9A6S6	ATP11A H0Y547
9481	ARL6 Q9H0F7	HLA-C U5YC67
9482	ATP6 H9S385	GPX4 P36969
9483	KHNYN G3V331	COX3 C9D5W0
9484	ND2 D8L3S0	MTERF2 F8VSD8
9485	ZNF331 Q9NQX6	B3GALNT1 R4X5Z4
9486	HLA-A Q8WMB7	CYP3A5 P20815
9487	AGRN A0A087X208	MSMB P08118
9488	ND3 E7CNQ0	ST7L Q8TDW4
9489	MRPL27 D6RE11	MRPL4 A0A024R7C5
9490	IGF1 Q9NP10	ZFP30 K7EMM3
9491	CYBB P04839	ATXN3 D3VVB8
9492	HLA-C F6KRW6	SEPT5 C9JM82
9493	ND3 A0A059QVT6	CACNA1A Q9NS89
9494	SLC12A5 V9GYL3	ZNF493 Q2M1I7
9495	CEP350 Q5T2X4	ATP6 C7B333
9496	MANBA A7LFP5	COII C5H6M4
9497	SSBP2 D6RAC5	OR8H1 A0A087X0G6
9498	LPO P22079	ATP6 C8Y007
9499	RBM8 A0A023T787	KIF16B A0A0A0MRC9
9500	CHI3L2 E9PPX4	BOP1 A8K3R2
9501	DKFZp686I0613 Q5JPG5	TRAP1 I3L239
9502	FTSJ2 Q9UI43	ZNF790 E9PQ03
9503	HLA-C G1EQG6	SALL4 Q9UJQ4
9504	CECR5 Q9BXW7	NXF2 Q9GZY0
9505	GLRA1 P23415	ATP6 F1B7N7
9506	ESX1 A6ZIT0	GRM2 C9JL63
9507	MGC131512 Q2KHS0	REX04 Q9GZR2
9508	FGD4 Q96M96	FBXW7 Q969H0
9509	SLC12A6 H0YMQ9	SOC57 O14512
9510	LARP7 D6R9Z6	RHD J7ILZ7
9511	PPAPDC3 Q8NBV4	BRAF E5FF37
9512	ACD R4GMR6	SNAPC5 O75971
9513	HLA-G O19767	MAPK11 F8WDP4
9514	DNAH2 I3L520	TUBB4A M0R042
9515	AHNAK Q09666	SPHK2 E9PCV4
9516	TNNT1 Q56R93	HLA-C G3D6H9
9517	ATP4A P20648	MRPS34 C9JJ19
9518	GPD1L C9JFA7	HLA-DPB1 A0A0A7C5P6
9519	DAB2IP Q5VWQ8	RAB30 E9PQ07
9520	ARHGEF2 Q92974	hCG_2044638 A0A024RCP6

9521 MAP3K13|C9J4W2 CYTB|A4ZLM0
 9522 GOSR1|F6RU00 ND1|J7HWH1
 9523 DYRK4|D3JEN3 CACNB2|A6PVM6
 9524 ABCA1|B1AMI2 RNASE8|H2FJY6
 9525 RPAIN|Q86UA6 ACVRL1|F8W0N2
 9526 AFTPH|Q6ULP2 KIAA1446|G3V3R5
 9527 PELI1|Q96FA3 SCAF8|Q9UPN6
 9528 HLA-DPB1|Q30060 NUP107|F5GY77
 9529 SYT7|F5H8G7 Hosa(Japanese)-T2R1|Q50L08
 9530 TANK|Q92844 NAP1L1|B7Z4K9
 9531 HLA-C|G1EMV1 IRF1|R4GNI0
 9532 CDKN1C|P49918 NR1A2|F1D8N7
 9533 F9|Q19UM0 B3GAT1|Q9P2W7
 9534 PLEKHG1|Q5EBL9 GLS2|C9J3Q2
 9535 STAG3|D6W5U7 IKBKB|B3KRB7
 9536 METTL7A|Q9H8H3 TTC28|A0A087WW06
 9537 PDCD6|Q86W51 angiopoietin-2|Q9H4C0
 9538 RHCG|H0YMF8 PES1|B2RDF2
 9539 EXOC4|Q8TAR2 ND3|Q4F2M4
 9540 OR5K2|Q8NHB8 MPPE1|A0A0C4DH11
 9541 ND5|C7AB27 VEGFA|H0YBZ0
 9542 HRAS|P01112 TAOK3|H0YF68
 9543 ERAP1|A0A0A7E6I2 NDOR1|Q9UHB4
 9544 DNAH17|Q9UFH2 CYTB|B2D3N5
 9545 SEPT10|Q9P0V9 HLA-C|M9P8K0
 9546 PMM2|H3BRM0 TRIM46|F5GYK0
 9547 COX1|A0A059RM10 DIABLO|F5GYH3
 9548 CNGA1|D6R978 SLC02B1|E9PIU9
 9549 ZNF544|M0QZY0 CRYAB|E9PS12
 9550 CYTB|H9NYB8 SOX6|E9PN02
 9551 HIST1H2BM|Q99879 DKFZp686M02159|Q6N076
 9552 ALDH1A3|H0Y2X5 NAP1L1|H0YIV4
 9553 PSMB5|H0YJM8 KCNG1|Q86Y85
 9554 HLA-DQB1|A0A0A7CAQ8 SLC1A7|L0C9Y3
 9555 HECTD1|Q9ULT8 KRT73|Q86Y46
 9556 SAP30L|Q9HAJ7 PELI2|Q9HAT8
 9557 FOSL2|P15408 SPP1|A0A024RDE2
 9558 LGALS1|Q3ZCW2 NIP7|J3QRR4
 9559 ZNF790|E9PL27 UBE2U|Q5VVX9
 9560 COX2|H9SYF8 MAU2|V9GZ52
 9561 ATP6|F1AKZ2 SEMA3F|Q13275
 9562 ND5|B2XL89 PROC|Q8J009
 9563 ND1|H9PDM5 PODXL|O00592
 9564 TRIM32|Q13049 hCG_1999003|B4DZH1
 9565 HLA-DMA|Q29878 SFT2D2|O95562
 9566 TTLL3|Q9Y4R7 PABPC1|E5RH24
 9567 SLC6A13|F5GZA5 HLA-B|D3U3R2
 9568 CRADD|B5BU44 ND4L|D5MBN3
 9569 HLA-DPB1|A0A0A7C9X1 SCARF2|Q96GP6
 9570 MAP3K11|E9PLB1 ADAM11|B4DKD2
 9571 ND5|L7P4C4 SLC12A9|C9JMQ7
 9572 HLA-C|I6NWJ5 HLA-B|A2VBY0
 9573 TME68|E5RHU1 HLA-Cw|Q45V04
 9574 PSMB3|P49720 MECP2|D6QZ43
 9575 EAF1|F8WFA5 YAF2|F8VRE5
 9576 NFYC|Q13952 DZANK1|Q9NVP4
 9577 HLA-A|A7MAP4 GRM8|H7C4V5
 9578 APOBEC3D|Q96AK3 CUL9|E9PEZ1
 9579 MRPS25|P82663 PRKCB|A0A0C4DGL5
 9580 HLA-A|D9UB05 TBC1D3F|A6NER0
 9581 UTY|E1NZ89 FEM1A|Q9BSK4
 9582 RhCE|K9JI17 GGT1|E7ETN1
 9583 ABCB4|A7J1R7 RPS3A|H0Y8L7
 9584 NFE2L2|C9JFL6 ST18|O60284
 9585 DR1|Q01658 CHPF2|G5E9W2
 9586 BAIAP2|I3L1C8 TTC30B|Q8N4P2
 9587 FAT4|X2G0F0 SMPD4|Q9NXXE4
 9588 CS|F8W642 POGK|A0A024R8Y1

9589 TBC1D14|Q9P2M4 RELA|Q04206
 9590 BANF1|O75531 PITX3|A0A0B5HFC0
 9591 UBE2U|Q5VVX9 FABP6|P51161
 9592 PDE4B|Q07343 hCG_1998059|A0A024QZI2
 9593 ACOT8|E9PMC4 CSDE1|E9PLT0
 9594 ALDOB|A0A087WXX2 HLA-C|U5YD62
 9595 HLA-C|N0A917 TRIM33|H0Y612
 9596 GPAT2|E9PE95 HLA-B|M9P9K3
 9597 MAGEA1|Q8WX99 ND1|H9QH30
 9598 ZNF669|Q96BR6 ND5|A0A068BXB4
 9599 SPIRE2|Q8WWL2 NRAS|P01111
 9600 SF3A1|F8WB66 ZDHC5|A0A024R546
 9601 NR1I3|B7Z8R7 CDK4|F8VYH9
 9602 HLA-DPB1|A0A0A7C884 CRADD|F8VVY5
 9603 AOC3|K7EL47 EFHD1|A0A024R493
 9604 CLU|E5RJZ5 KIF13A|Q9H1H9
 9605 SOD2|F5GYZ5 ARGFX|A6NJG6
 9606 MGRN1|K7EIM7 IKZF4|Q9H2S9
 9607 ZNF577|Q9BSK1 WAS|A0A024QYX8
 9608 C11orf83|Q6UW78 MBD3|A0A087X1H1
 9609 ND4|W0C568 TRUB2|A0A024R886
 9610 WAS|A0A024QYX8 SNTB2|J3KT21
 9611 ND5|B4YCP0 HEL114|V9HWK2
 9612 UBE3A|S4R306 KCNH2|C7DYB4
 9613 HLA-B|Q5SS57 HLA-C|D7NP66
 9614 ND5|B2XNF1 ARMS2|P0C7Q2
 9615 CFTR|Q6KEH8 STX4|Q12846
 9616 HLA-C|K7P5Q6 HLA-A|D5L9A3
 9617 STAT6|G3V2M3 HLA-A|X5MFE4
 9618 DKFZp686D0714|Q5JPJ8 EIF2A|F8WAE5
 9619 HK1|B1AR62 RBCK1|G3XAG9
 9620 STARD13|A0A024RDV4 ND5|J7HPA7
 9621 POLR2K|A0A024R9G0 STX10|K7ELY2
 9622 HLA-A|I7A6W0 NPAS4|Q8IUM7
 9623 RAB4A|A0A023HJ61 OPRM1|L0E130
 9624 POU3F1|Q03052 SMLR1|H3BR10
 9625 NTN4|Q9HB63 MGAT4C|F8VWY2
 9626 HADHB|D6W539 DHRS7|H0YJR8
 9627 ZNF432|M0R258 COG5|Q9UP83
 9628 HLA-A|G0UE14 STK25|C9J6L2
 9629 DVL3|F8WCF1 PCDHA10|Q9Y5I2
 9630 ATPase|Q4GRN9 RNF43|Q68DV7
 9631 SDR42E1|E9PQ06 RAB30|A8K5R1
 9632 ATP6V0A1|Q93050 ALDOB|A0A087WXX2
 9633 HAPLN3|Q96S86 TCIRG1|Q6QBN8
 9634 NADK2|D6RHI4 SLC25A45|Q8N413
 9635 ZBED4|O75132 GTF2IRD2B|Q6EKJ0
 9636 HLA-DPB1|A0A0A7CA03 IL12A|O60595
 9637 DBP|Q10586 ND2|R9Y5U6
 9638 HLA-B|I6NXJ0 DGKH|Q86XP1
 9639 DGIC|X2BQ60 SMIM2|Q9BVW6
 9640 LPO|J3QSD8 NR2F6|M0R175
 9641 SLC15A4|H7BYB7 HLA-C|C5IZW2
 9642 FAM192A|Q9GZU8 RALGAP1|H0YJ04
 9643 HLA-C|E2DHA8 C7|Q05CI3
 9644 CFTR|Q2I0A3 NOS1|P29475
 9645 BECN1|K7EQQ7 ATP6|B2KLD7
 9646 ENGASE|J9JID0 CTNND1|O60716
 9647 RUNX1T1|W8FP49 CLEC16A|Q2KHT3
 9648 FAM62A|A0A024RB16 GDH|Q9NQ83
 9649 ZSCAN25|Q6NSZ9 MSRB1|Q9NZV6
 9650 CYP20A1|Q6UW02 TMEM190|Q8WZ59
 9651 CYTB|E0AG71 CCND3|P30281
 9652 NANOGP1|Q8N7R0 NR1C3|B6ZGS2
 9653 ND5|F1KL67 UTY|F4MH59
 9654 HYAL2|C9JSI7 JAKMIP2|Q05DV4
 9655 PLCXD1|Q9NUJ7 OIP5|O43482
 9656 ND1|A8WDQ6 PRCP|E9PQB5

9657	COL28A1 H7BZU0	EIF3E Q6IAX5
9658	SLC22A14 F5H7H1	EZR P15311
9659	OR6C2 Q9NZP2	PABPN1 G3V4T2
9660	COX1 L7XIT0	FOCAD Q5VW36
9661	MYADM Q96S97	CDKN1B P46527
9662	POU6F1 Q14863	HNMT Q9P1Y0
9663	ICA1L C9JEN4	GIG18 Q2TU84
9664	ND5 G9IFA1	POU5F1 B5B8P0
9665	GJA5 X5D2H9	PTMA P06454
9666	CHMP6 I3L4G8	MAP3K11 Q16584
9667	KLF9 A0A024R260	BOD1 Q96IK1
9668	GBA P04062	hCG_39985 Q08ET0
9669	BRMS1L Q5PSV4	LRRC52 Q8N7C0
9670	CYSLTR1 Q9Y271	TSHR P16473
9671	F9 Q19UG3	OR51Q1 Q8NH59
9672	VPS41 Q75MX9	TFDP2 F8WAY9
9673	HS6ST1 O60243	BNC2 Q6ZN30
9674	UTY F4MHA4	ZNF554 Q86TJ5
9675	POLR2L P62875	ND4L A0A059RIL0
9676	HLA-A Q9TQF3	ZNF18 J3KTA0
9677	SLC26A4 Q75MC7	NGEF Q8N5V2
9678	LGALS3BP K7EP36	ACTRT1 Q8TDG2
9679	HLA-C C5IZY2	SKIV2L Q9NPK3
9680	ZNF804A B9EGN2	HSPA14 Q6P155
9681	ZNF511 Q8NB15	TWEAK Q4ACW9
9682	SCAF11 A8MTP4	HLA-A U5YJP8
9683	ZSCAN5A K7EQW6	GJA8 A0A097IW94
9684	USP4 A0A024R2T0	UQCRC2 H3BUI9
9685	PDP2 H3BTU5	GSTT1 Q4W252
9686	DERL2 Q9GZP9	GRM3 C9JIT1
9687	CPSF4 O95639	ND4 H9R171
9688	AKAP8L Q9ULX6	CYP1A1 A4F4K4
9689	SMARCE1 Q969G3	HLA-DRB1 D5FIE4
9690	TLR6 D1CS91	HLA-C A0A0A7C4N0
9691	TAF6 C9JIS2	COX1 A0A059RRM2
9692	HLA-C F8R1B3	DTX2 Q75MM6
9693	NES Q05BW3	FAM13A O94988
9694	CD244 Q9BZW8	ECHDC1 Q9NTX5
9695	EIF4A1 J3KTN0	APP H7C0V9
9696	WNT5A A0FKN4	KIAA0053 Q53R16
9697	DPP9 M0R162	NLRP2 Q9NX02
9698	TDP1 G3V2F4	HEL-S-67p V9HWC2
9699	HLA-A A0A060GTH2	OR4A47 B9EIM4
9700	ZNF3 P17036	LCE1B Q5T7P3
9701	ND4 E9P678	POLG2 Q9UHN1
9702	FOXB1 Q99853	ND2 F2WFE3
9703	ZFX Q8NHZ4	SRY A7WPU8
9704	RNASET2 D6REQ6	HLA-B C7FDQ9
9705	COI B5LMI2	DHRS4L2 D5KJA2
9706	C1orf57 Q5TDE9	BAI3 O60242
9707	ATP6 B3DE99	ATP6 A0A075C9B0
9708	HLA-C C5IZX3	ND5 Q6VKL7
9709	NUSAP1 H0YKA7	MYO15B Q96JP2
9710	COX1 A0A059QJR7	DNMT3L C9J0T5
9711	DLAT P10515	TP53 D5KL89
9712	GLYATL1 E9PP99	ENPEP B0BCZ1
9713	HLA-B M1F4D2	H2AFV E5RJU1
9714	COX1 D9MZK8	ELMSAN1 Q6PJG2
9715	FBN1 H0YN80	TGM3 Q08188
9716	SNX2 O60749	NLK A0A024QZ12
9717	TCF20 Q9UGU0	KIAA1285 A0A090N7U5
9718	CYTB D7PAI0	DLEC1 B7ZW06
9719	ATP6 H9PI66	MSC O60682
9720	RAP1B F5GX62	RAP2C Q9Y3L5
9721	COX1 A0A059QBD7	CD151 A0A024RCB3
9722	ND3 A0A075X768	DRAXIN Q8NBI3
9723	RASA4 O43374	HLA-C O78071
9724	ND6 V9N702	urf-ret Q15850

9725 DERA|E9PMH9 CYTB|B3GTF4
 9726 SMARCA2|Q56A76 API5|Q9BZZ5
 9727 SRY|Q6J0W5 TUBGCP5|A0A087WVL9
 9728 USP43|Q70EL4 HLA-Cw|D7RJ40
 9729 ZNF711|Q9Y462 PSMA6|G3V3U4
 9730 NR1I2|F1DAL3 RELA|A0A087X0W8
 9731 USP36|K7ELR5 CTBP1|X5D8Y5
 9732 HLA-DR15|E5DCR4 SPI1|P17947
 9733 HLA-DPB1|D5GXL3 HGF|P14210
 9734 CYP2D6|E7ENE7 CPXCR1|Q8N123
 9735 SART3|F8VZM2 ND5|A0A097PW46
 9736 GNG4|B1APZ0 ATP8|D2Y6Y3
 9737 PHKG2|H3BTW6 HLA-DQB1|S6CQA5
 9738 ND3|C8YGF5 ITGA4|Q6PJE7
 9739 AHSA1|H0YJU2 GPHA2|Q96T91
 9740 PPARGC1A|Q9UBK2 AP4M1|F8WCR6
 9741 UNG|E5KTA5 RESDA1|Q5Y190
 9742 HLA-A|U6BZQ8 PITPNM2|Q9BZ72
 9743 ZNF232|I3L4J6 MLH3|G3V384
 9744 HLA-C|H6V7S8 ARM9|Q7Z3E5
 9745 MAFF|Q9ULX9 RPAIN|Q86UA6
 9746 STK19|B7ZLI8 HEL2|V9HW98
 9747 OR4K1|Q8NGD4 ESR1|B6DU67
 9748 PTH1R|F2Z314 SHMT2|G3V2Y1
 9749 CYTB|I3PY04 RH0J|Q9H4E5
 9750 HLA-A|A7L858 ANKRD7|Q92527
 9751 ATP6|H9QD83 PHF8|B0QZE1
 9752 RAB37|A0A024R8K6 CELF1|E9PKU1
 9753 RNF157|Q96PX1 PCDHA11|Q9Y5I1
 9754 ATP6V0A2|Q8TBM3 DKFZp667C1917|Q69YR1
 9755 HLA-DQB1|F8LFY9 TBX20|C1INH9
 9756 HLA-DPB1|A0A0A7C954 FAM65B|F5GX51
 9757 MRFAP1L1|Q96HT8 CORO1C|F8VRE9
 9758 HLA-C|A0A0A7C6T7 ND5|E9JYF1
 9759 C9orf126|Q3SXZ0 HNRNPH1|P31943
 9760 BACE1|H0YDX0 GRIP1|H0YGM4
 9761 SLC18A3|Q16572 FTH1|A0A024R525
 9762 HLA-C|G1EQJ3 DEDD|V9GY27
 9763 ACSL4|D6RF95 CYTB|Q4F4E3
 9764 DHPS|P49366 CCR5|A0A089G7H9
 9765 TMPRSS11E|Q9UL52 USP17L21|A0A087WUD4
 9766 METTL14|Q9HCE5 HLA-C|M9PAG3
 9767 HLA-B|F4YU56 KLF16|D6W5Z8
 9768 BHM1|C9JSJ3 COX2|A0A059RI85
 9769 CES8|Q6P2E5 PRPF31|E7EU94
 9770 RUVBL2|M0R0Y3 RPS19|M0R2L9
 9771 COBL1|Q53SF7 COX1|A0A059QVS9
 9772 ND5|A1Z4G6 HLA-B|D2DKG2
 9773 PNMT|Q6FHD9 ZNF720|F8WER7
 9774 HEL-S-297|Q86Z22 COI|Q4G9M5
 9775 ZNF404|A0A087WSV7 ZNF622|Q969S3
 9776 PTK2|Q05397 ND1|A0A059RJY0
 9777 PBX1|H0YLB0 ND6|B8RC54
 9778 TRIM21|P19474 MAP3K8|Q5T853
 9779 hfzo2|Q4AEJ4 HLA-A|U5YCD5
 9780 CYTB|A6YWC7 SLC14A1|F5GWS2
 9781 HLA-A|D6MKZ4 AASS|F8WAH1
 9782 ND4|A0A059QUW1 DOC2A|A0A024R627
 9783 SIAH2|C9J9D7 PTH1R|E7EWE7
 9784 ADAMTS13|Q6QNA4 ABCB4|A7J1S0
 9785 SSX-HSTT|O75101 HEL-S-80p|V9HW04
 9786 HLA-DPB1|A0A0A7C6G8 HLA-C|G1ENS1
 9787 CEBPB|W8SNV5 ITGB3BP|D3DQ59
 9788 HLA-C|F8R8L3 IGFBP6|Q9H2B5
 9789 RBPJ|D6RAT2 COX1|A1DSF3
 9790 CYTB|X5BH36 PPP2R5D|E9PFR3
 9791 HAUS1|K7EQT8 USP17L17|A0A087WVW9
 9792 RPL36A-HNRNPH2|H7BZ11 TBC1D3C|Q6IPX1

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9794	MEIS1 O00470	DRGX A6NNA5
9795	MEIS1 F5GYS8	COX3 H9E7N8
9796	EPC2 E9PBA8	NRP1 H0Y7Z2
9797	LDHB P07195	WARS G3V339
9798	ND5 T1Q773	FBXL19 H3BME1
9799	IL2 Q0GK43	IQCG Q9H095
9800	AP1B1 C9J1E7	CPT1A Q8WZ48
9801	GLI2 Q0VGA0	HLA-B C9E1H2
9802	CYGB Q8WWM9	NFIA S4R3K5
9803	SLC39A6 K7EQ91	SCFD1 G3V551
9804	STAT4 E9PBE2	GNB1 P62873
9805	HLA-A Q8SNC6	TCEANC2 X6R7X0
9806	SMARCE1 A0A024R1S7	HLA-A D0EP74
9807	SLC39A1 Q5T4K2	PRDM9 I6ZAW9
9808	TXNRD2 A4FTY4	PRUNE2 A0A088AWP5
9809	ND4 Q7YCF7	RND1 H0YHG7
9810	HLA-DQA1 Q14K63	PRSS3 B1AN99
9811	ULK3 H3BT78	ZNF664 A0A024RBR7
9812	PCDH11X Q9BZA7	SPINT2 K7EKC8
9813	EVC Q4W5A3	PCSK6 A2RQD9
9814	UTY F4MH79	WSB1 A0A024QZ36
9815	REN P00797	POU5F1 F2Z381
9816	KRT8 F8VP67	FOXP1 A0A0B4J2F3
9817	HLA-B F4YU56	CCR5 A0A089G6S6
9818	BMP6 Q4JCQ2	SCAF1 Q9H7N4
9819	HMOX1 F2YMD9	OR6M1 Q8NGM8
9820	FES Q4JFK7	ZNF474 Q6S9Z5
9821	MAP1B D6RA32	HLA-C D5M8B9
9822	ASPHD1 Q5U4P2	HLA-C G1EMV4
9823	ND4L I7GQD1	CREBBP B5A223
9824	AANAT Q9H3S9	CNTN4 F8WD58
9825	NOS1 B3VK56	ND2 Q7YEG0
9826	PPOX D3DVG2	SIPA1L3 M0QX89
9827	SKOR2 A0A087X0E6	SCGB2A2 Q13296
9828	CYTB Q5SAF4	HNRNPL M0QYL7
9829	TRAFIP20 D4YW75	DRD4 Q76E76
9830	CHRN3 Q05901	NOL10 Q9BSC4
9831	ZSCAN31 Q96LW9	ZNF549 Q6P9A3
9832	HLA-C A0A0A7C5K3	ATXN3 A0A087X1A8
9833	CLK3 H3BUL5	LRRK1 Q38SD2
9834	DRD4 Q76E76	hRANKL Q54A98
9835	GPX2 A0A087WTS0	RECQL5 A0A024R8M9
9836	GPC6 Q9Y625	CHST12 A0A024R860
9837	RHCE A4VAS3	CHD6 H7C294
9838	MXD4 Q14582	RPA3 A4D105
9839	POGZ Q7Z3K3	DKFZp313C1916 Q5HYF5
9840	RPS3 H0YEU2	MBTPS2 B9ZVQ3
9841	HLA-DQB1 M4NBX9	HLA-C V5LM06
9842	APOC3 P02656	LM07 U3KQE6
9843	SYCP1 A0A024R0I2	CYP27B1 V9GYP0
9844	ZNF433 C9JQA6	TMA16 Q96EY4
9845	OAZ1 K7EPM6	SCPEP1 I3L506
9846	ANXA5 D6RCN3	RPS21 Q8WVC2
9847	HNRNPC G3V555	ND5 Q5XTE4
9848	DEFB125 Q8N687	HLA-A X5MBH2
9849	PARP1 Q05D33	HLA-B A0A060DAH3
9850	TTC14 C9J974	HLA-C I6NWP3
9851	METTL2A Q96IZ6	CA6 P23280
9852	OAZ1 K7EPM6	SLC15A4 B6ZDF2
9853	CYTB W8DLC1	ZC4H2 Q9NQZ6
9854	RNF157 Q9BTC5	FKBP4 H0YFG2
9855	APOC3 A3KPE2	UTY F4MHQ7
9856	CPEB4 Q17RY0	LONP2 H3BQ67
9857	BMP7 A8K571	KIAA1191 Q96A73
9858	PFDN6 O15212	PAX2 Q02962
9859	HLA-DR15 G0ZDX1	ACP2 E9PKW9
9860	KCNK7 Q3MI97	CDH3 J3QL41

9861 ADRB2|P07550 NNT|D6RHU2
 9862 C12orf55|Q96N23 ATXN3|D3VVT2
 9863 CLDN4|Q75L80 HLA-C|V5NVX1
 9864 PLCZ1|H0YGH7 MICA|Q9UE02
 9865 ZNF215|Q9UL58 CHI3L2|E9PPX4
 9866 ATP6|Q5S9J9 tgat|Q7Z2K2
 9867 ZNF324B|M0R3B5 SARS2|A0A024R0H0
 9868 MSX1|E9KY11 AVL9|Q8NBF6
 9869 DLST|Q86TQ8 IDO1|J3KN03
 9870 EXT1|S5Y321 AGXT2|Q9BYV1
 9871 TIMM21|J3KRJ3 SULF1|Q8IWU6
 9872 RAD54L|V9GYX6 SPACA7|Q96KW9
 9873 PDNP3|Q9NQM9 RNF4|P78317
 9874 CDH11|H3BQH2 CYTB|F2WE75
 9875 RPS6KA3|B1AXG2 GABRB1|P18505
 9876 AMDHD2|H3BSV9 IHPK2|B2RCP4
 9877 AZI1|B2RN10 IFIT5|Q13325
 9878 ZNF264|O43296 VDACC2|A0A024QZN9
 9879 CYTB|A0A023QWE4 HNRNPC|B2R5W2
 9880 SLC27A1|Q6PCB7 SLC25A22|K4DIB4
 9881 HLA-C|G1EMS5 EGLN1|R4SCC4
 9882 ATP6|H9QSY1 ATP6|E9NJY3
 9883 HLA-C|U5YC93 MN1|Q10571
 9884 PRKRA|F8WEG8 CACNA1B|Q9HBG3
 9885 NBN|A0A0C4DG07 CIDEA|A0A0C4DG75
 9886 KIF3A|Q05CT3 ELN|G3V0G6
 9887 DKFZp43402417|Q9UFA9 TMEM176A|Q96HP8
 9888 ZNF646|H3BSD0 DSC1|Q08554
 9889 CCT4|P50991 HSPA9|D6RJI2
 9890 HFE|Q9HC63 HLA-A|Q2LC93
 9891 MME|C9JR96 ARPIN|Q7Z6K5
 9892 MPRIP|Q6WCQ1 SSH3|Q8TE77
 9893 MFSD9|H7C3S7 CYTB|H9RXW3
 9894 DFFB|Q96P73 PURA|Q56A79
 9895 Hin-2|A2NFR4 CENPF|P49454
 9896 DNAH17|Q9UFH2 RHBDD1|C9J1R4
 9897 SLC25A2|Q9BXI2 RCAN3|H0YF64
 9898 CRTAM|O95727 ZNF575|Q86XF7
 9899 5HT1a|A0N5V3 RPRC1|D3DPS3
 9900 HLA-C|B9WPN5 DKFZp686K23100|Q68D11
 9901 DLGAP4|Q9Y2H0 CARD8|B5KVR7
 9902 ND5|Q7GWL6 NCLN|Q969V3
 9903 ATRNL1|Q5VV63 HAND2|P61296
 9904 USP17L4|A6NCW7 LSM3|P62310
 9905 GNAI2|P04899 HLA-DRB1|D5FIE9
 9906 GALNT3|Q14435 HNRNPLL|Q8WV9
 9907 HLA-DQB1|A0A0A7C7R0 PSPH|A0A024RDL3
 9908 ZNF416|Q9BWM5 GNS|F5H4C6
 9909 NOXO1|H3BN18 ND2|F2WEB6
 9910 ND2|F1AZ20 TMEM74|Q96NL1
 9911 GCC1|A4D0Z4 HLA-C|E0WN41
 9912 ARL4C|A0A024R4C5 CCT5|P48643
 9913 COX1|L7XIT0 ND4L|A0A059RMD7
 9914 ANO10|Q9NW15 DMRTB1|I6L9A0
 9915 GPRC5C|A8MXZ4 SUN5|Q8TC36
 9916 FKRP|A0A024R0R7 SPRED2|Q7Z698
 9917 HAAO|C9IY88 TOM1|V9GZ68
 9918 SYNGR1|O43759 RPS2|D3DU83
 9919 FGF2|P09038 PLCD4|C9JAE4
 9920 ATP5E|P56381 CTGF|P29279
 9921 ATP6|L7NV23 PSMB6|P28072
 9922 HLA-DRB1|F8LSY3 CYTB|V9J348
 9923 HLA-C|E0WN44 TYROBP|O43914
 9924 SDSL|Q96GA7 SLC5A3|P53794
 9925 COX1|A0A059RRM2 HLA-C|G1BEX3
 9926 VAPB|Q53XM7 DHX30|H7BXY3
 9927 HLA-DPB1|B5U899 HPSE2|A0A0A0MSB9
 9928 HSP90Af|Q58FF9 MYB|E9PMZ0

9929 ELMOD1|E9PLM8 MYC|B3CJC8
 9930 CYP27A1|C9J1K5 FAM153C|Q494X1
 9931 ND5|V5JHW3 ND5|C9EJ80
 9932 ATXN3|D3VVD2 TRIM31|C4B4E3
 9933 RHOA|C9JRM1 TOMM40L|Q9H9G4
 9934 ZNF705D|P0CH99 SIDT2|Q24JR2
 9935 HLA-A|E0X9K3 CYB5R1|Q9UHQ9
 9936 SLC9A9|F8WF83 TUBB6|K7ES63
 9937 B3GALNT1|R4X5Z4 IRF8|H3BPS5
 9938 CEBPB|W8SNV5 SNAP91|E5RJY3
 9939 HLA-C|M9P9T3 RNF14|D6R988
 9940 SRPK3|E7ETV6 HLA-C|Q27W00
 9941 KLHL8|D6RGH5 MYT1L|Q9UL68
 9942 HLA-B|A0A068B433 ARNT2|X5D8U0
 9943 CHRN81|I3L3Q9 COX3|A0A059RTY0
 9944 RHD|Q5QPZ9 ND4|I3Q2C2
 9945 MAB21L1|Q13394 WDR35|Q9P2L0
 9946 HIST1H2BM|Q99879 PEA15|Q15121
 9947 GABRA6|H0YBP3 OR2Y1|Q8NGV0
 9948 SHC4|F5H5M1 KCTD13|Q8WZ19
 9949 MRPL51|Q4U2R6 ELF5|A0A087X1W9
 9950 ROR2|Q01974 HLA-C|D2DKJ1
 9951 SOSTDC1|Q6X4U4 HLA-A|D6BPR1
 9952 PIP5K1B|A0A0A0MSP5 ND3|Q85KT9
 9953 COX2|V9K571 COX1|E5DY63
 9954 SMARCC1|Q58EY4 AMPD3|H0YDC3
 9955 ATP6|U3L3I1 AHSG|C9JV77
 9956 DPYSL2|E5RFU4 HPGD|D6RA83
 9957 COX1|A0A059QLJ3 HLA-C|D5L9E1
 9958 FRMD4A|Q9P2Q2 DIABLO|K7X1S0
 9959 NPAT|Q14207 CYTB|X5BRN5
 9960 SLC16A3|J3QQS9 UROS|A0A087WUV7
 9961 FGG|P02679 DEPDC4|Q3ZCN8
 9962 SNAP23|O00161 PTGDS|P41222
 9963 TTC14|C9JBA2 ADGRL3|E7ENK1
 9964 HLA-C|A0A0A7C542 NEDD1|Q8NHV4
 9965 TEX40|F5H186 SLAMF7|Q9NQ25
 9966 ATP6|A0SB36 IRF6|G0Z349
 9967 CPA3|P15088 MICA|F5CQ57
 9968 MEFV|F5GZV9 TP53|L0EQE2
 9969 STK25|A0A024R4B2 MECP2|A0A075BPP5
 9970 ZNF688|A0A024QZB6 TMPRSS5|F5GYA3
 9971 HLA-B|E3Q1J0 CYTB|W8DH07
 9972 GPR75|O95800 WDFY3|A7E1Z6
 9973 CT45A3|Q8NHU0 EML2|O95834
 9974 ND5|H9NYJ4 ZNF33A|Q05D89
 9975 SHOX2|A6NLG4 RGS22|Q8NE09
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 9978 FUS|Q8TBR3 NADH2|Q4GJS5
 9979 PE01|Q96RR1 RNPS1|D3DU92
 9980 HLA-C|G1EQD5 HLA-A|V9N2X1
 9981 ZNF225|Q9UK10 SLC18A2|Q05940
 9982 ZIM2|Q9NZV7 COX3|H9SMZ5
 9983 UNC5B|Q8IZJ1 ATP6|D7P9D3
 9984 HLA-A|Q2A688 CTSE|P14091
 9985 SEPT2|C9J938 HLA-B|L7PG23
 9986 HLA-A|D6MJ91 KIAA1586|F5H2N6
 9987 ATXN3|D3VVG9 USP17L12|C9JPN9
 9988 ND6|Q4F0F3 LCAT|J3QKT0
 9989 HLA-A|A0A0A7C4I8 MECOM|E7EPY2
 9990 PPP1CB|P62140 VAV1|A0A0A0MR07
 9991 ZNF629|Q9UEG4 USP44|F8VRW0
 9992 ND4|G4W2Y5 COX3|H9E795
 9993 TP53|S5LMG1 HFE|I1VA66
 9994 SKOR1|G3V3E1 SREBF1|F6V242
 9995 ND6|A0A059RNN8 ZCCHC17|Q9NP64
 9996 HLA-DR15|M9P9Y0 HLA-C|D6MLE3

9997 SMARCA5|Q4W5G3 M6PR|F5GXE0
 9998 PTBP1|A6NLN1 BCAR1|D3DUK1
 9999 PAK1IP1|Q9NWT1 IMPDH1|H7C5T1
 10000 PHOX2A|H0YGU5 ATP6|Q7YED4
 10001 EFNA1|P20827 RRP12|Q5JTH9
 10002 DDX56|F8WDT8 OR16-90|O43875
 10003 HLA-A|D7NNR5 EPOR|I6R7G3
 10004 CYP2C19|P33261 RPGRIP1|G3V236
 10005 BRAF|E5FF37 ND2|A0A059RBE9
 10006 PACSIN2|A0A024R4X1 UBE2J1|Q9Y385
 10007 IDH3B|A0A087WZN1 EXT2|Q6NUL1
 10008 HLA-B|C7E537 SLC40A1|D7GLE3
 10009 FADS6|A0A087WU67 DRD3|X5D2G4
 10010 TUT1|J3KN81 NR3C1|B6ZGU6
 10011 ZSWIM7|Q19AV6 NCOA2|Q15596
 10012 TFAP2C|Q92754 PSTPIP1|O43586
 10013 RPP14|O95059 ND1|V5JI67
 10014 HLA-DPB1|B9W6F8 POLE3|A0A024R829
 10015 KCTD6|F5H7I0 RPL32|P62910
 10016 TP53|Q1HGV1 WASL|O00401
 10017 YWHAZ|E7EX29 NUP210|Q8TEM1
 10018 USP15|H0YI26 CYTB|G9LAX7
 10019 PACSIN2|Q9UNF0 TSC22D3|Q99576
 10020 HLA-A|E5DCM0 LHX3|Q9UBR4
 10021 AMZ2|A0A024R8K0 HLA-DRB5|A0A024F9V3
 10022 HLA-C|A1KQY1 STIM1|V5J3L2
 10023 SLC37A3|Q8NCC5 CYTB|B2ZUL3
 10024 MPI|H3BPM5 HLA-C|J7K3I9
 10025 ND4|A0A059RQW2 HLA-C|D7NPC9
 10026 MESP2|Q0VG99 TBC1D13|Q9NVG8
 10027 GSTM1|X5DR03 PPP1R3F|Q6ZSY5
 10028 ND5|G4W5W3 CYTB|R9Y4X7
 10029 PCDH15|A2A3E1 JAKMIP1|Q96N16
 10030 PRPF40A|O75400 LGR4|Q9BXB1
 10031 RPS3|E9PJH4 RAB27A|H3BN55
 10032 HLA-B|D2DL30 HAT|Q4W5K4
 10033 HLA-A|E5DCM4 SLC2A9|A0A024R9N8
 10034 AQP8|O94778 HLA-B|Q6F3G6
 10035 HLA-C|F6IQL9 KLK13|B5BUM9
 10036 HLA-B|U6BMB5 ZNF566|C9J2D3
 10037 DOT1L|V9GY76 FAM118A|Q9NWS6
 10038 CADPS2|X5DNG0 GGNBP2|Q9H3C7
 10039 TRAPPC1|I3L3V5 RHD|Q96KU2
 10040 ASPDH|A6ND91 HLA-A|Q5S3G3
 10041 RABL3|H7C533 HSF2|Q9BS48
 10042 HLA-C|G0Z8E4 VWC2|Q2TAL6
 10043 GAP43|Q5U058 HLA-Cw|B1A0K3
 10044 HLA-DPB1|B5U899 C2orf3|A4UHR0
 10045 CYTB|X5C0K6 MUC4|E9PDY6
 10046 NR4A2|H7BZ00 CYP2E1|H0Y593
 10047 NUCB2|A0A087WSV8 ATP6|A0A075C811
 10048 FKBP6|F8WD36 ATP6|Q06U80
 10049 RHD|W6AWL4 PFAS|A8K8N7
 10050 HLA-A|A0A0A7C7B3 MMP17|F5H881
 10051 DENND1C|Q8IV53 RELA|E9PJR1
 10052 ND4|E0AG48 EXTL3|H0YB01
 10053 HDAC6|A0A024QZ26 ZNF225|K7ERU6
 10054 KCNG1|Q9UIX4 Hosa(Japanese)-T2R49|Q50KF3
 10055 LZTS2|B1AL12 ATP13A2|H0Y8Z6
 10056 MAPK14|L7RSM2 OR10Q1|Q8NGQ4
 10057 EPHA4|Q53TA0 ADAM11|K7EKA8
 10058 HLA-DRB1|A0AQZ0 OR51A2|Q8NGJ7
 10059 FBN2|A0A087WYV8 CDH8|J3QKW5
 10060 CAPN12|M0R3D7 TRAPPC3|O43617
 10061 CLEC7A|A0A024RAN9 PIK3R5|J3KSW1
 10062 CDC26|Q8NHZ8 HLA-B|A8YQE7
 10063 TMEM67|E5RG10 ND5|Q6RRR0
 10064 SMTNL1|E9PPJ3 NES|P48681

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10072	PIGB H3BNW7	PELI3 A1L176
10073	CCR5 A0A089H976	HIAT1 Q96MC6
10074	RNLS Q5VYX0	MTAP Q6FHT1
10075	WDR61 Q9GZS3	CYTB H9PLN2
10076	ND3 G9LBB5	TPH2 B3VS15
10077	CYTB L7XRW4	HLA-C C0KJW7
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10079	KRT18 P05783	PARP10 A2RUM0
10080	PIK3CB H0Y871	GAD1 F8WD43
10081	CYTB A0A097QAL4	HLA-B E9BVF4
10082	ZNF546 M0R292	C4orf26 Q17RF5
10083	POLD2 C9JHC7	TH H0Y670
10084	PNOC Q9BYY3	FAM120A Q9NZB2
10085	USP44 Q9H0E7	SLC14A1 G3K398
10086	ND1 U5ZBM2	RUNX1T1 E7EQW7
10087	ND2 V5JMR8	TRPT1 Q86TN4
10088	PKD2L1 Q1L4F0	RHCE G1AUC3
10089	PPIE E9PK21	GNA12 C9J2Y7
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10091	DRD2 Q6LDH7	LN2 Q8N448
10092	FAM3D Q96BQ1	TOP3B H0Y6W0
10093	RAPGEF3 O95398	CINCIN1 Q6XZE5
10094	STAT4 B7SIX5	HLA-DR15 M9PAH3
10095	PTP4A2 Q12974	WDR27 A2RRH5
10096	IL5RA Q8NHV7	CFTR Q6KEA5
10097	ATP6 A0A059RGC7	GTPBP1 A0A024R1S5
10098	SH3BP5L A0A024R0T2	APC Q9P119
10099	ECI2 A0A0C4DGA2	ZFP69B Q9UJL9
10100	BRCA1 A0A024R1V7	RAPGEFL1 Q9UHV5
10101	THOC1 A0A087WWS1	NR0B1 F1D8P4
10102	FRMD5 B5MC67	AKR1D1 P51857
10103	C6orf57 Q5VUM1	TARSL2 A2RTX5
10104	LRFN4 Q6PJG9	HLA-DQB1 U5IS72
10105	FAM20A Q96MK3	HNF1A E0YMI7
10106	CDC5L Q99459	NDST1 E5RG58
10107	DKFZp666L156 Q658M0	PADI4 Q9UM07
10108	CDH1 D3XNU5	DEPDC4 H0YIL0
10109	BBS1 E9PQD9	DOLPP1 A0A024R8B5
10110	TM6SF2 Q9BZW4	ND5 H9PMN1
10111	ZNF724 M0R3J2	AHRR E5RGQ2
10112	PRAMEF14 A6NFR9	RPL5 R4GNJ2
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10114	VEZT F8W088	SLC6A5 Q4VAM6
10115	RAD1 D6R9A1	PIGV A0A0A0MSQ1
10116	POU2F3 E9PIN6	PP187 Q8WYH1
10117	CPD J3QRJ9	HLA-A L7PHU7
10118	STAT4 E9PG69	SPIRE1 K7EQR2
10119	HLA-DPB1 R4QIT5	ND6 E5QBL9
10120	ATP6 F8VBB0	HLA-A C8CJN5
10121	IGHMBP2 P38935	RNF31 Q96EP0
10122	HLA-A A0A060VCP5	UBE2E2 A0A024R2Q2
10123	EEF1D H0YE58	COX1 U3L439
10124	CSDE1 Q8WU01	HLA-A A0A0A7C8K7
10125	DYNAP Q8N1N2	SHMT2 G3V5L0
10126	MAPK14 L7RSM2	CYP2D6 D5KN50
10127	HLA-B E9LY53	DNAI1 Q9UI46
10128	COX1 A0A059QMT2	TLR5 D1CS79
10129	ARAP1 B7ZMI2	MAP9 Q05CN5
10130	CACNA1G X5D9G8	HOXD8 A0A0A0MTF4
10131	HLA-DQB1 A0A0A7C6I3	GABRA2 H0Y9V8
10132	TPRA1 Q86W33	EEF1A1 A6PW80

10133 PRKAB1|F5H610 B3GALT4|O96024
 10134 CCDC36|Q8IYA8 PROS1|Q8IXD2
 10135 TRIP4|H0YL91 HLA-C|S4T6T2
 10136 ND5|Q9B1R0 ABHD5|F6K7K3
 10137 PORCN|Q9H237 HTRA1|Q92743
 10138 NMT2|Q5VUC6 DKFZp781K0743|Q68DI0
 10139 TBC1D3L|B9A6J9 ALK|F0UY65
 10140 SLC36A1|Q7Z2H8 AR|D3YPQ0
 10141 SLC06A1|Q86UG4 COI|U3M9R2
 10142 NCBP1|Q09161 ZNF793|K7EMU0
 10143 SNX30|Q5VWJ9 IRAK4|Q7Z6A8
 10144 EN1|Q05925 CD44|H0YD90
 10145 ELOVL2|A0A024QZV3 HLA-DRB1|A0A0A7C506
 10146 FIG4|Q5TCS5 ND3|A0A059RUP4
 10147 CYTB|G9LJF4 TCEB2|Q15370
 10148 POLE3|A0A024R829 ND6|A0A0A0PMS4
 10149 PUS10|Q3MIT2 YWHAЕ|B4DJF2
 10150 ND5|Q0Z7K9 RHD|T2DL95
 10151 SYCP1|Q3MHC4 HEXA|G3XL79
 10152 MTSS1|H0YBL3 PRKAR1A|Q96P62
 10153 SLC38A8|A6NNN8 NCF1B|A6NI72
 10154 GPCR40|A5Z1T7 RHCE|J9ZZF1
 10155 UBE4B|B1AQ61 PLS1|C9JU08
 10156 DKFZp686C13142|Q5CZI3 RGS6|Q2M3K2
 10157 MAD1L1|Q9Y6D9 SCFD1|G3V4I1
 10158 KIF5C|Q57YV5 HLA-C|D7NNY1
 10159 MOCS2|A0A024QZS1 SBDS|A0A087X020
 10160 HLA-A|D5H3W3 CYTB|A0A059RJD1
 10161 HLA-C|G1ENW5 RPS19BP1|Q86WX3
 10162 FUT8|Q9BYC5 ND1|B2XMJ6
 10163 PPM1F|P49593 GFAP|P14136
 10164 CYTB|F5CUJ0 GAST|P01350
 10165 CYTB|G9LBA7 ZC3H7B|Q9UGR2
 10166 HLA-DQB1|A0A0A7CAJ1 CASR|E7ENE0
 10167 VIP|H0Y763 PTPA|F6WIT2
 10168 COII|B1W855 LGMN|G3V4P5
 10169 MEIG1|Q5JSS6 ACKR2|V9GYM0
 10170 ATF7IP|Q6VMQ6 HLA-B|R4ZGR3
 10171 ATP7B|B7ZLR2 RNF8|O76064
 10172 DUSP8|Q13202 HLA-C|A0A0A7C985
 10173 ZKSCAN7|C9J6L6 NUP62CL|Q9H1M0
 10174 MAPK10|D6RAJ0 BIRC2|E9PQZ9
 10175 OR2AG1|Q9H205 CYTB|W0C540
 10176 CDC6|A0A024R1S2 CD74|E7ESL3
 10177 HLA-C|A0A0A7C9A6 NEUROD6|Q8IYR9
 10178 TFEB|B1AKB5 cytb|Q85BA9
 10179 HLA-C|D3U4D1 BOP1|B2RDN4
 10180 RDX|Q05CU6 SEPT4|J3QLA8
 10181 UBE3A|Q05086 HLA-C|A0A0A7C7T5
 10182 EFCAB14|O75071 ND5|A0A059SDA4
 10183 ND2|F2WFI2 BCAR1|H3BSB2
 10184 ERCC3|G3V1S1 TRDMT1|B7Z8H2
 10185 ND1|V9IVJ9 CHI3L2|E9PR52
 10186 CCND1|F5H437 RFWD2|X5DNY7
 10187 KIF26B|Q2KJY2 TTC5|Q8N0Z6
 10188 P4HA2|E7EPI9 ESR1|B5LY05
 10189 RHD|Q6A1H2 CARD10|Q17RA1
 10190 IL1R1|P14778 HLA-G|O19588
 10191 RASA3|Q14644 NCK1|P16333
 10192 MATN1|A3KMG0 PARK7|Q99497
 10193 CYTB|F8VAM3 UBA6|A0AVT1
 10194 UBE2H|A4D1L5 ARHGEF4|A0A0C4DFY6
 10195 PTPRC|X6R433 OR16-36|O43871
 10196 THUMPD3|H7C0R6 OR8K3|Q8NH51
 10197 L1TD1|Q5T7N2 BCDIN3D|Q7Z5W3
 10198 COL1A2|A0A087WTA8 ND6|A6YZJ2
 10199 HLA-C|G1EQI3 MNB|DYRK|Q76N25
 10200 HLA-A|U6BZQ8 EN2|P19622

10201 CYTB|B8RFE1 ASB7|A0A024RC94
 10202 HLA-A|A0A0A7C8T0 PRKAA2|A0A087WXX9
 10203 DMPK|I6L989 PSME2|Q9UL46
 10204 LRIF1|Q5T3J3 BLOC1S1|P78537
 10205 SEPT2|F8WB65 ACSF3|F5GX20
 10206 HLA-B|G1EPU3 SYCP1|A0A024R0I2
 10207 SPDYE5|A6NIY4 DNAJB8|Q8NHS0
 10208 DKFZp686G16228|Q6ZP55 COX1|H9PJX4
 10209 SPTSSA|Q969W0 PAK3|O75914
 10210 HLA-C|D6MJK3 ND1|A0A059QPZ9
 10211 COX1|V5L8X3 HLA-A|A0A0A7C4I1
 10212 ND6|Q305R6 IGSF1|Q8N6C5
 10213 PSEN1|P49768 ND5|R9Y5T9
 10214 ABT1|A0A024R029 FAT1|D6RCE4
 10215 CYP2D6|G9CGD2 PTK7|H0Y8F1
 10216 MLPH|C9JI01 COX1|Q8WCY5
 10217 ZNF157|P51786 COX3|X5CKC7
 10218 HTR1B|X5D7I5 ZNF782|H0Y892
 10219 SENP8|H3BTK5 SEPT5|E7EPG2
 10220 HLA-C|U5YCB4 SLC2A6|Q9UGQ3
 10221 RAB3D|A0A024R7G2 APOL1|U5LII8
 10222 PLA2R1|Q13018 HLA-C|D7NP08
 10223 PPP4R2|Q9NY27 ACTR1B|P42025
 10224 CNOT4|O95628 ND5|E7E2R2
 10225 RDX|Q05CU6 MACF1|E9PLY0
 10226 HLA-C|E0WBW2 MAGI1|H7C535
 10227 RGS9|E9PD91 HLA-C|J7K7G7
 10228 ACSM2B|H3BP79 PCNXL4|Q63HM2
 10229 CYTB|H9RJ53 EVL|A0A024R6K5
 10230 H2AFY2|A0A024QZP6 TPST2|B1AHJ8
 10231 COX1|A0A096X0J8 ND5|H9A7D2
 10232 GRIK4|A6H8K8 TREX1|Q9NSU2
 10233 REEP6|Q96HR9 ATP6V0A1|K7EQW2
 10234 PLEKHM1P|Q69YJ1 ND5|U5ZC31
 10235 ZNF548|Q8NEK5 DOPEY1|Q5JWR5
 10236 DEUP1|E9PLX9 TRDN|H9ME53
 10237 CALML6|Q8TD86 EIF5A2|F8WCJ1
 10238 OR4D11|Q8NGI4 HLA-DPB1|A0A0A7C5W1
 10239 CABLES1|J3QRY5 C6orf15|Q6UXA7
 10240 HLA-C|M4MGG5 TP53|S5LJ49
 10241 DCTN2|F8VW18 FSHR|T2HV29
 10242 BRF2|E5RGF6 ENDOG|Q14249
 10243 CCR5|J7HDE9 COX1|C7SJV5
 10244 FY|Q5Y7A2 COX5B|Q6FHJ9
 10245 CAP1|Q5T0R5 PCCB|E9PDR0
 10246 NET1|Q7Z628 MTX1|A0A0A0MRK6
 10247 HMMR|Q6PIR6 KRBOX4|C9J804
 10248 POU5F1|D5K9R1 NSMCE4A|Q9NXX6
 10249 LEPROTL1|Q6FHL7 ARHGDIA|J3KTF8
 10250 AJUBA|G3V481 cytb|T2HNB6
 10251 KCNC3|Q14003 PRG4|J3KP74
 10252 ATP6|G9B0G4 TM4SF13|Q6FGK0
 10253 TNXB|P22105 ARID4B|A0A024R3V1
 10254 ADGRL3|E9PBG4 BCR|A0A024R1B9
 10255 KCNAB2|Q5TG84 SOX30|O94993
 10256 GPRC5B|H3BN33 GPRC5C|J3QQN3
 10257 ATP13A4|F8W9W3 ZNF469|H3BS19
 10258 UTY|F4MH61 TBX20|C1INH9
 10259 HLA-A|F8R8I0 HLA-B|E7BYA5
 10260 KIT|E2I6G0 ENOX2|A4QPE1
 10261 MT-ATP6|P00846 INA|Q16352
 10262 ETV6|P41212 EGLN3|Q9H6Z9
 10263 LURAP1|Q96LR2 SAP30L|Q9HAJ7
 10264 RhCE|K9JIR2 ND4|G9LW0
 10265 GPRASP1|Q5JY77 POLD1|M0QZR8
 10266 KCNJ10|Q547K1 CLNS1A|E9PMI6
 10267 BCAT2|M0R2K7 SEC61A2|H7C069
 10268 DZIP1|Q86YF9 APTX|F8WBD6

10269 SDIM1|Q6ZPB5 GTF2H3|Q13889
 10270 NANOGP8|J7H408 FUT6|Q6P7E6
 10271 FIG4|Q5TCS5 TMEM201|Q5SNT2
 10272 TBCD|I3L1S3 MAP2K3|P46734
 10273 GDF11|O95390 ASIP|P42127
 10274 OTOGL|H7BXL6 GTF2A2|A8MYR4
 10275 HLA-DQB1|L0BX77 FCH02|Q0JRZ9
 10276 NDNF|Q8TB73 ALK|D1MAM0
 10277 HLA-DPB1|I2FL84 UTRN|A0A0A0MSM3
 10278 OR5T3|Q8NGG3 ATP6|E5E0Q0
 10279 RHEB|C9J931 TLK1|Q9UKI8
 10280 ND2|Q4VFB0 HLA-C|F2VNV3
 10281 FGF7|H0YNE7 PRKCH|G3V4Q6
 10282 SLC01A2|C9JCA7 NR3C1|H6V745
 10283 NR4A2|C9IYM5 ND5|H9A7D2
 10284 COX1|A0A023QT79 TUFM|P49411
 10285 FAR2|F8VPF2 HLA-A|D7NNM4
 10286 SF1|H7BZT1 ND2|D7PAT6
 10287 ND4|T1Q5B1 GTF3A|H7C326
 10288 UBE2B|P63146 GFI1B|Q5VTD9
 10289 GRIP1|F5H4N6 COX1|B1NUB5
 10290 TOP1MT|E5RJ95 UBE2QL1|A1L167
 10291 COL6A5|A8TX70 PCDH9|B7ZM79
 10292 EIF4G2|H0Y3P2 PROS1|Q8IXC4
 10293 PSTPIP1|H0YLM9 LRTM2|Q8N967
 10294 HLA-DQB1|A0A0A7CA43 HLA-A|L0BXX0
 10295 thrombin|Q16292 KRTAP13-3|Q3SY46
 10296 ARRB2|I3L412 UGT1A3|Q8WX89
 10297 GABRB3|F5H7N0 ORC2|Q13416
 10298 EMR3|Q0IJ53 ELOVL1|Q9BW60
 10299 CDK14|E7EUK8 DEFB103A|Q5U7J2
 10300 NR1B1|F1D8N9 LTB4R2|E9PIC1
 10301 CCR5|Q5QIP0 KIF5B|Q66K46
 10302 CLDN16|Q9Y5I7 ZNF782|Q6ZMW2
 10303 MTA3|D6W5A2 UBE2U|Q5VVX9
 10304 BDKRB2|A0A075E6Y0 DKFZp686E22155|Q7Z354
 10305 AHS1|G3V438 NRBP1|Q9UHY1
 10306 ATP6|F2WHK1 ND3|A0A059QS00
 10307 DKFZp761A0712|Q9NSR5 HLA-Cw|D3Y5Z7
 10308 RYR1|G9I593 ZFAND2B|F8WEE4
 10309 MAPRE2|A0A024RC33 HLA-DR15|F1CCN9
 10310 ARSE|C9J5G7 LACRT|Q9GZZ8
 10311 ALOX15|D3DTK1 thrombin|Q16292
 10312 CITED2|Q99967 PRELID1|Q9Y255
 10313 HLA-C|J7FKX6 ND2|H9PTY2
 10314 HLA-DPB1|Q29956 FKBP1A|A0A087WZM5
 10315 HMGN5|Q5JSL0 MED19A5|I0J7B9
 10316 ZCRB1|Q8TBF4 TSPY3|Q6B019
 10317 KIAA0427|A0A024R259 RNF224|P0DH78
 10318 EXTL2|Q8N8F1 KPNA5|O15131
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 10320 GPR1|P46091 KNS2|Q7RTQ2
 10321 PARP11|G3V0I3 RAB19|A4D1S5
 10322 GGPS1|O95749 ANO6|Q4KMQ2
 10323 PTK2|H0YB99 HLA-B|A7MAK0
 10324 DDX39A|O00148 ACPP|Q6LBH1
 10325 NPAS2|H7C0J4 NKX6-1|P78426
 10326 PDE1A|P54750 ZNF687|F8WCX2
 10327 PRKAB2|O43741 SIK3|H7C3X8
 10328 RBM26|A0A087X0H9 MYC|B3CJD9
 10329 MEF2D|Q05BX2 ALOXE3|Q9BYJ1
 10330 DLX1|J3KP55 CTRB1|P17538
 10331 GLDN|Q6ZMI3 SNRPA|M0R0G9
 10332 HLA-C|V5LL97 NLRP13|Q86W25
 10333 BBS10|Q8TAM1 HLA-B|C7E578
 10334 ND5|A0A059RE98 NACAIS4|Q86Y47
 10335 LARP7|D6RFF0 CYTB|A0A0A0QN99
 10336 CYP26A1|O43174 CD83|Q01151

10337	DHX36 H7C514	DUOX2 X6RAN8
10338	NDUFS1 P28331	SEC14L2 B3KRD8
10339	ADAM22 F8WAD8	ND2 B2XHY9
10340	CD44 P16070	ND4 F2WFX0
10341	EIF5 H0YK11	CDK8 P49336
10342	ATIC P31939	TYR A0A024DBG7
10343	HLA-DR15 M9PAH2	TLR4 K9MUK7
10344	CYP2D6 Q6NWU0	EGR4 B7ZKU3
10345	ND5 Q4EWD7	DHCR24 Q15392
10346	SFTPA2 Q8IWL1	PRDM4 A0A024RBM7
10347	THAP5 Q7Z6K1	COX3 A6ZB50
10348	PLS1 C9JU08	NUDT21 O43809
10349	ND2 Q4F4F4	HLA-B Q5G0G2
10350	CHD2 Q8N677	urf-ret Q15850
10351	TNMD Q9H2S6	ND5 C9D603
10352	CITED2 A0A0A0MTM3	HLA-DPB1 A0A0A7C8Y8
10353	ND1 H9MQ45	IMPDH1 A0A024R725
10354	HLA-C G1EQ34	CEP192 K7EPA2
10355	APC A5HB94	SERINC4 A6NH21
10356	SLC1A5 M0QXM4	SKI Q7Z459
10357	ND4 Q7YCC8	TRMT112 Q9UI30
10358	GAS7 O60861	HLA-A B9X247
10359	PHACTR2 F5H858	NUP35 Q8NFH5
10360	FGFR1 B5A958	C10orf28 Q4KMY3
10361	WAPAL Q7Z5K2	ASCL4 Q6XD76
10362	ZNF778 Q96MU6	MECOM E7EQ57
10363	HLA-B F8SKX1	APOBEC3C Q9NRW3
10364	FBXL4 Q9UKA2	NEU1 Q6Q4G9
10365	TFDP1 F5H452	HLA-A A0A0A7C8L1
10366	ANUBL1 Q86WR3	MMP3 A5GZ70
10367	GNPNAT1 A0A024R649	CD7 P09564
10368	AMICA1 Q86YT9	ALS2CR14 Q96Q33
10369	PIP5KL1 Q5T9C9	XCL2 Q9UBD3
10370	KNG1 P01042	TLE2 K7EMK7
10371	RASD1 Q9Y272	PLEKHG2 Q9H7P9
10372	ARNT2 H0YKW1	KIF11 P52732
10373	DKFZp686N24126 Q6N014	TRIT1 Q3T7C6
10374	AKR1C1 A6NHU4	MBLAC2 Q68D91
10375	crn Q8IXG0	RREB1 C9JPJ6
10376	PRPF39 Q86UA1	HLA-C Q9BD09
10377	HLA-B P30480	MRM1 Q6IN84
10378	ITGB6 F8WBJ8	HLA-A U5YJJ6
10379	ATP6 V9K6C5	SEC14L3 Q9UDX4
10380	CYP17A1 C7F7K7	DUSP16 Q32MA0
10381	USE1 Q9NZ43	ATP6 Q7YEF3
10382	KCNK18 Q7Z418	TERT O14746
10383	KLK13 Q86VI7	ZC3H12C E9PP00
10384	MAP3K11 H0YCF5	B4GALT1 P15291
10385	ND3 A0A059RS30	RET Q9UE13
10386	LRRK1 Q38SD2	ELAC2 Q9BQ52
10387	DNMBP Q6XZF7	PFK-P O14943
10388	SLC22A7 Q9Y694	ZNF83 M0R1T0
10389	BPHL Q49AI2	ENO2 U3KQQ1
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10391	INTS12 Q96CB8	FXVD6 A0A024R3J8
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10393	ARV1 A0A024R3V6	SHOX A0A024R385
10394	RAB5C F8VSF8	TRIT1 S4R2X1
10395	GFM2 Q969S9	ATP1A2 B1AKY9
10396	HLA-B Q9UQU1	CHRM5 A0A024R9I2
10397	WNT10B C9JCI2	ND5 A0S302
10398	ISYNA1 J3KRH4	TMPRSS13 J3KQC6
10399	ND5 S4V8X0	AGGF1 Q6PIK7
10400	GLRA2 P23416	ATP6 U3LBN0
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10407	CLEC2D W8SJH0	GCK H7BXV0	
10408	COX3 H9QDS9	HLA-B A8VU75	
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10410	AQP5 P55064	GRIA3 Q17R51	
10411	MT1X U3KQD7	SRSF9 S4R3G0	
10412	ZNF91 M0QX31	RBMXL2 O75526	
10413	ZHX1 Q9UKY1	NEK11 D6RJF7	
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10415	CYTB H9E8K6	SBN02 K7ES28	
10416	VANGL2 Q9ULK5	HLA-DPB1 A0A0A7C6N6	
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10418	KRT79 H0YID6	HLA-DR15 F1CCN2	
10419	CBARP Q8N350	HLA-C D7NP18	
10420	NCF1 P14598	ITGB7 A0A023IPD5	
10421	UGT1A1 Q9H3F9	HLA-C I7A4F1	
10422	PADI4 Q6EVJ7	ADAMTS1 E5RJR7	
10423	MYB E9PPL8	ZNF404 A0A087WSV7	
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10426	RAC1 A4D2P0	GPR128 A1L441	
10427	CLIC4 Q6FIC5	NUP37 Q8NFH4	
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10429	RAET1E I7EC85	COI U3MA16	
10430	HEBP1 Q9NRV9	ND2 G3C9V6	
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10432	F2RL1 P55085	GPS1 J3KRJ4	
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10434	SGMS2 Q8NHU3	RABGGTA H0YLN3	
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10438	ERP29 P30040	CFLAR M0R1A8	
10439	AIP A5JGZ4	VDR P11473	
10440	SARS2 M0R2H5	CHAMP1 Q96JM3	
10441	TRPM1 Q7Z4N2	SKP2 Q13309	
10442	ND5 R9Y8C8	ABCA10 Q8WWZ4	
10443	NOV A0A024R9J4	PIGN K7EPN0	
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10445	EPHX1 R4SBI6	CHIC2 Q9UKJ5	
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10448	SUCLA2 Q9P2R7	OR2H1 A0A024RCM6	
10449	COX1 N0BWE9	ZKSCAN5 Q9Y2L8	
10450	L3MBTL2 Q969R5	RAET1G J7HEM2	
10451	RNF5 A0A024RCQ4	PAX5 E7EQT0	
10452	PPM1F Q0VGL7	PAPOLB Q9NRJ5	
10453	HLA-C G3D6D0	ACSM6 Q6P461	
10454	ATF7IP2 Q5U623	PTEN2 O14781	
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10456	HLA-A F6IQY5	PITPNB B3KYB7	
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10459	KCNJ4 A0A024R1L8	TRAF2 Q12933	
10460	STON2 Q6NT15	CKMT2 A0A024RAK5	
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10463	HLA-A M9P9E7	RABGAP1L Q5R372	
10464	HLA-A A0A076JXB7	UPK3A O75631	
10465	ND4 A0A088F566	HLA-C F6IQL5	
10466	ND1 D6BYK6	FURIN H0YLN7	
10467	MUCL1 Q96DR8	RPS3A D6RG13	
10468	HLA-DPB1 A0A0A7C5J4	CAB39L Q9H9S4	
10469	SLC27A6 Q9Y2P4	ST14 Q8WVC1	
10470	AKT1 A0A087WY56	HLA-A C9WEL1	
10471	ATXN3 D3VVJ2	STX18 Q9P2W9	
10472	KAT8 H3BMX5	FTSJ1 A0A024QYX5	

10473	ND5 A8JMW8	NTRK2 Q5VWE5
10474	HLA-A Q8WMB7	UPP1 B4DND0
10475	PPP5C P53041	KLK9 Q2XQG6
10476	alpha Q7KYZ9	ZNF33A Q05D89
10477	ATP6 B2KLT0	HLA-DRB1 E7EI14
10478	NR1A2 F1D8N7	PMS1 I6L9H5
10479	SLC4A1 A0A0A0MS98	ATP6 A0A097Q1W7
10480	GLUD1 Q9UQV0	RXRB J3J571
10481	HSP90B1 Q96GW1	PSMA4 H0YLC2
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10485	GALT H0YJL3	ND2 E9JYA5
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10490	FBX022 Q8NEZ5	ND5 L7XM56
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10517	SMARCA5 Q4W5H1	PPP1R27 Q86WC6
10518	HEXDC J3KT84	AASS Q9UDR5
10519	ND5 E5DY45	LOC203427 B3KRB9
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 10682 DMAP1|Q5TG40 STAT1|H7BZB5
 10683 WDR74|Q6RFH5 PIWIL3|Q7Z3Z3
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 10687 CDK9|P50750 P2RY12|Q9H244
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 10690 MAP3K6|O95382 MICB|D2KNA0
 10691 MAP3K11|E9PRQ2 COX3|H9T5S2
 10692 APOL1|U5LII8 HBB|Q9UK54
 10693 CTSF|A0A024R5G9 ATP6|E5E1S7
 10694 POLR3GL|Q9BT43 HLA-A|D3U484
 10695 EIF5|Q05DF3 KIF27|Q86VH2
 10696 COX3|A6Z809 NRF1|Q16656
 10697 ZNF277|G5E9M4 HLA-A|F8RHC2
 10698 HLA-C|D7NPB6 HLA-A|A0A068B103
 10699 HLA-DPB1|A0A0A7C960 TECPR1|Q7Z6L1
 10700 HOXC6|D6RBH4 ZNF677|M0R0I7
 10701 HLA-C|M9PAE7 WNK1|F6UYG0
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 10703 GCK|A7LFL1 RPL22|K7ELC4
 10704 APC|Q9P119 HLA-C|D6MJI3
 10705 RHCE|A0A0B5JDI7 EIF3J|H0YLP3
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 10737 SAR1A|Q5SQT8 ND4|I3Q1M5
 10738 PBXIP1|Q96AQ6 ZNRF3|Q9ULT6
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 10744 HLA-C|N0A2S9 RNF138|Q8WVD3

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 10780 ND2|H9R0Q7 HLA-DRB1|W1I9X3
 10781 HLA-A|G1EP12 TGFBI|H0YAH8
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 10785 SPOP|O43791 NRG1|A6MW55
 10786 SEPT10|C9JEW2 HLA-A|E2DH72
 10787 HLA-DRB5|A0A024F9V3 AP4M1|H0Y6K1
 10788 F8C|A0N0R5 OR51S1|Q8NGJ8
 10789 HLA-C|G1EMT6 ND4L|A0A059RUQ3
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 10805 ND2|C8Y977 SMC2|Q05D74
 10806 IRS-1|M1S0W8 F8C|Q9UQQ5
 10807 COX3|A0A023QKT8 STK25|C9JCC0
 10808 MYO6|E7EW20 HLA-B|O78075
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 10810 ASPDH|M0QZ80 MAGEA1|P43355
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 10821 NFIB|Q5VW30 SP6|Q3SY56
 10822 ZNHIT2|Q9UHR6 HLA-A|A0A0A7C752
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 10828 HLA-C|A8E0Y7 TGFBI|S4R3C6
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 10831 CYTB|C7B379 HLA-C|G3D6G6
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 10834 HLA-A|U5YBI5 ND4|S5RLC1
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 10838 ENDOD1|O94919 DCP1B|Q8IZD4
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 10842 RPL15|E7EQV9 SEZ6L|Q9BYH1
 10843 COX1|A0A059RRM2 MBP|E9PSE2
 10844 COX3|H9NU95 CSDE1|E9PLD4
 10845 RDH10|E5RK48 HLA-A|E2GJF3
 10846 ANGEL1|A0A024R6B2 DHRS4L2|Q6PKH6
 10847 HPS1|Q92902 GMNN|H7C608
 10848 PHYHD1|G5E9M0 HLA-A|M4N7U4
 10849 HLA-DPB1|A0A0A7C9X1 SF3B4|Q5SZ64
 10850 FLJ10769|B3KSJ9 CBLB|Q13191
 10851 STAR|E5RH12 BARHL2|Q9NY43
 10852 STARD13|Q9Y3M8 HLA-A|C0M146
 10853 WDR55|Q9H6Y2 ND5|B2KM00
 10854 COX2|Q5XRW8 HOXB8|I3L3R1
 10855 OR2T4|Q8NH00 CYTB|H9R6N5
 10856 DDAH2|O95865 MYC|B3CJB2
 10857 CYTB|Q7Y7L3 NUPL2|O15504
 10858 COX1|V5L903 MASP1|C9JMA2
 10859 HLA-A|Q95ID4 CYTB|A0A097PX91
 10860 TRDN|H9ME53 CYTB|Q6RRC2
 10861 YTHDF2|Q9Y5A9 ND5|Q2LHU9
 10862 DPH2|E9PMH7 ND5|D6BZF2
 10863 D2HGDH|G5E9E8 HLA-C|E2DHA5
 10864 HLA-B|N0A4E6 HLA-DQB1|S6CQA5
 10865 POLR2C|Q6FGR6 NAPS1|A0A0B4J2A8
 10866 CDC40|Q5SRN1 SLC12A5|B7Z3T3
 10867 NOL3|H3BQJ5 CPVL|A0A024RA40
 10868 ATF2|P15336 ATP13A2|Q9NQ11
 10869 SH3RF1|D6RHX5 WDR48|Q8TAF3
 10870 SPPL3|F5H7J2 CISD3|P0C7P0
 10871 LCP2|Q13094 RFWD2|X5D7N8
 10872 KIAA0226|Q92622 ZDHHC22|Q8N966
 10873 DMBT1|Q9UGM3 BCL2A1|Q16548
 10874 BABAM1|M0QYV1 PPP1R15B|Q5SWA1
 10875 CERCAM|Q5T4B2 GCN1L1|A0A024RBS1
 10876 ND5|A0A059RSY8 SCNN1A|F5GXE6
 10877 ID4|P47928 GAPDHS|O14556
 10878 CDR1|P51861 KCNB1|Q2NLD5
 10879 HLA-C|G1EQL8 ACY3|A0A024R5L2
 10880 TIAM2|H7C5V6 SRSF7|F8WEA1

10881 HLA-C|A0A0A7C831 PHACTR3|Q96KR7
 10882 HLA-DPB1|A0A0A7C655 KCTD18|Q6PI47
 10883 ATPase|Q4GQS7 NPHP1|O15259
 10884 GGTL2|A0A0C4DG87 EPO|G9JKG7
 10885 PYG02|Q9BRQ0 KRT18|F8VZY9
 10886 PRMT8|Q9NR22 GABRA6|E7EV53
 10887 HNMT|P50135 TEK|D9MND2
 10888 HLA-C|D9UC06 RGL4|Q3ZCN2
 10889 OSM|B5BUQ7 ND5|H9RGG5
 10890 HLA-C|E2DHA7 BAG5|A0A024R6M6
 10891 BCR/ABL|A9UF01 CYTB|L7SFT3
 10892 ACSM2B|Q68CK6 CAMK1D|Q8IU85
 10893 EIF3G|K7ENA8 HLA-C|J7K4S6
 10894 ADAM17|E7EUI5 CNTN1|A0A024R104
 10895 ADORA2A|C9JFS2 SLC14A1|B4DFJ8
 10896 DUOX1|Q14C85 OR13C2|Q8NGS9
 10897 C1orf50|Q9BV19 GPATCH1|Q9BRR8
 10898 HLA-C|D3U3P6 LCLAT1|C9JUV9
 10899 SLC1A7|F1T0D3 TPH1|Q08EN2
 10900 HLA-C|G1ENP7 PTPLAD2|Q5VWC8
 10901 HLA-G|O19766 PLA2G2A|Q8NI47
 10902 TSGA10|F8WA32 HCBP1|Q8TDM2
 10903 TLK2|Q86UE8 HLA-C|K7P5Y6
 10904 CYTB|G9LKP6 CYTB|B2Z573
 10905 IER5|Q5VY09 TROVE2|G5E9R9
 10906 SFRP5|Q5T4F7 GFAP|K7EKD1
 10907 MRPL13|Q9BYD1 EEF2K|H3BRH4
 10908 raptor|Q6DKI0 PBX1|Q53YC7
 10909 HM13|A0A087WVH6 FRS3|O43559
 10910 ND5|G9LI60 MFSD10|D6RE79
 10911 THUMPD2|Q9BTF0 TUBB6|K7EK43
 10912 ARC|Q7LC44 N4BP2|Q86UW6
 10913 FXR2|P51116 TUBB2B|A0A024QZU2
 10914 RPS6KC1|F5H7T0 RAP1A|A0A075B6Q0
 10915 ATP6|A0A059QPL3 MYC|B3CJD6
 10916 OR5M9|Q8NGP3 BRAP|J3KNN7
 10917 FAM107B|Q9H098 ND4|U5ZC24
 10918 ISL2|F1T0J9 PARVA|Q9NVD7
 10919 CSAD|E9PFW9 UTY|F4MHH7
 10920 ATF3|P18847 PIGM|Q9H3S5
 10921 HLA-A|G1EPD7 EPOR|A9QVL7
 10922 DKFZp686D09174|Q6MZI6 CAPSL|D6RHD7
 10923 ABCC2|Q5TCZ5 FMN1|Q68DA7
 10924 ND1|A0A059QDA5 CLCNKA|P51800
 10925 ND5|J7HV84 NCAM1|A0A087WZS4
 10926 USP15|H0YI26 IFNW1|P05000
 10927 FUT6|E9PP56 TXK|D6RA14
 10928 VAT1|K7EM19 HSF4|E5RHY0
 10929 YWHAQ|E9PG15 RAB40C|H3BUX0
 10930 HLA-C|F4YZW1 RAET1G|J7HHG3
 10931 PPP2CA|B3KUN1 CD3D|B0YIY4
 10932 NUDT16L1|Q9BRJ7 ND3|A0A059QEE7
 10933 ETNPPL|Q8TBG4 CYTB|C8YG56
 10934 FARSB|Q9NSD9 CYTB|V9J598
 10935 GGA1|B0QYS2 PGM1|Q9H1D2
 10936 MRPL43|Q8N983 SLC12A6|B3KXX3
 10937 DDR1|A2ABM8 AQP9|H0YK62
 10938 F9|Q19UG2 SAR1A|Q5SQT9
 10939 HLA-DOB|Q6FHE3 GPR97|Q86Y34
 10940 CYP1B1|Q53TK1 RCL1|Q9Y2P8
 10941 UTY|F4MHJ9 VIM|P08670
 10942 B3GAT2|A0A087WXU9 COX3|H9RLV9
 10943 HLA-Cw|A0S6X3 ABCC3|H0Y9T4
 10944 B9D2|Q9BPU9 DACT1|Q9NYF0
 10945 ZNF101|Q96F93 HLA-Cw|B2Z8W3
 10946 ATP6|L7Y075 ZNF573|Q86YE8
 10947 HNRNPA1|F8W6I7 HOXB2|P14652
 10948 SYTL2|A0A024R5N9 FN3KRP|Q9HA64

10949 TAF9B|Q9HBM6 HLA-DR15|M9P9P1
 10950 C1orf63|Q9BUV0 NTRK2|A0A024R230
 10951 UTY|F4MHK9 SHC3|Q92529
 10952 GLMN|Q92990 GMFB|G3V4P8
 10953 GMPS|P49915 CD180|Q99467
 10954 MMP1|P03956 OR10J5|Q8NHC4
 10955 VGLL4|G5E9M7 CYTB|A6Z9H2
 10956 DQB1*0603|Q30088 ND5|L7XTK6
 10957 EMP3|M0QZ66 ARKL2|A0A059NXX6
 10958 A4GNT|Q9UNA3 FUT11|Q495W5
 10959 SUMF2|Q8NB37 LUC7L3|H7C5U7
 10960 AIF1|Q4V347 MYH7|P12883
 10961 TP53|L0EQ03 hRED1|O43263
 10962 DKFZp686M1922|Q69YN3 UTY|E1U1M2
 10963 MEP1A|Q16819 DNASE1|I3L4B8
 10964 CDYL|Q9Y232 COX2|A0A059RQI1
 10965 SRSF1|J3KSW7 SEPT2|B5MCX3
 10966 RGL3|H3BRW0 YWHAZ|E7ESK7
 10967 B4GALNT1|Q00973 ARIH2|C9JZ71
 10968 KCNIP3|Q9Y2W7 PSMA5|P28066
 10969 MT1F|P04733 SHMT2|G3V241
 10970 CAPZB|B1AK85 TBX2|Q13207
 10971 PHKG2|J3KNN3 ATP8|Q7YEE7
 10972 MRGPRX4|Q96LA9 FBX045|P0C2W1
 10973 PAPOLA|H0YJL4 HLA-C|E3SGC0
 10974 RPL29|A0A024R326 COX2|A0A059RKP1
 10975 SMPD1|E9LUE9 USP15|H0YI26
 10976 ACVRL1|P37023 HLA-DRB1|A0A0A7C4Y0
 10977 CLEC1A|Q8NC01 MICAL3|C9J922
 10978 ZNF440|C9JV94 RINT1|Q6NUQ1
 10979 CYP2D6|W5QSH4 GNB3|F5H8J8
 10980 ATXN3|D3VVL1 CYTB|B7TNY2
 10981 CAV3|A0A024R2D8 ND4|E0Y551
 10982 SLC15A1|Q4VAL9 CYB5R2|Q6BCY4
 10983 ARMC7|Q9H6L4 SPPL3|F5H4Y6
 10984 SURF4|O15260 MAGED1|Q9Y5V3
 10985 ZNF229|Q9UJW7 SFXN4|B1AMV7
 10986 MRGBP|Q9NV56 CD36|A0A0A1ED81
 10987 TLR6|B6RFS7 ND5|V9K141
 10988 BCR-ABL1|A2RQD5 FRAS1|Q86XX4
 10989 NPR1|P16066 ND4|Q541L8
 10990 OGFR|Q05BV5 COI|U3M9Q6
 10991 RAET1E|Q3T1D4 ALDH3A2|J3KTD9
 10992 ITSN1|A7XZY7 ZIK1|M0QYQ8
 10993 CIRBP|K7ER40 PGS1|K7ELT9
 10994 BRCA1|A0A068BFV4 PBK|Q96KB5
 10995 RAC3|J3KSC4 B3GALNT1|E7EVF0
 10996 RGL3|K7EIS7 ND5|A0A023QGG0
 10997 TFAP2A|P05549 RNF214|Q8ND24
 10998 E2F7|H0YHW2 WNT5A|C9J8I8
 10999 RSPH3|Q86UC2 RAB6B|Q6AZ91
 11000 KLK10|Q6ICR6 COX1|A0A075X6S7
 11001 BCL11A|D6W5D9 OSBPL8|Q9BZF1
 11002 PHF1|E9PQZ5 ZNF83|Q6P579
 11003 cytb|A8QL47 NFS1|Q9Y697
 11004 FAT4|X2G0F0 ND1|A0A023QHN5
 11005 HLA-C|V5LL10 RGS5|O15539
 11006 RHCE|O43811 CYTB|A4ZKW0
 11007 ATP6|I3Q4R3 AKT1|A0A087WY56
 11008 KHDRBS2|Q5VWX1 ZNF526|H9ZYJ3
 11009 MAPRE3|Q9UPY8 TMEM248|Q9NWD8
 11010 WASH|A9QQ19 HLA-A|G1EP97
 11011 TNFSF15|D9N2U0 POLR2J|P52435
 11012 DLK1|A0A024R6L1 SEC14L2|O76054
 11013 RHD|Q86SJ7 BTBD1|Q9H0C5
 11014 POLR3D|E7EQ68 SLC12A4|B3KUS0
 11015 PELI1|Q96FA3 ESX1|A6ZIU4
 11016 MYO19|A0A087WYT7 YOD1|Q5VVQ6

11017 TMC03|A0A024RE09 RPLP0|G3V210
 11018 FLJ00401|Q8NF03 HLA-DPB1|A0A0A7C7H2
 11019 SOD1|X5D3G4 ZNF720|E9PMU6
 11020 ND2|U3M4Q6 AWAT1|Q58HT5
 11021 FADS1|A0A0A0MR51 LOC400499|M0QZD8
 11022 ND3|A0A059RUP4 MYH13|Q9UKX3
 11023 HOXD11|P31277 GJA9|P57773
 11024 CCR2|L7RER4 CHST3|Q7LGC8
 11025 HLA-C|L0RH27 BAZ2A|J3KPG5
 11026 SLC25A22|E9PI74 HLA-C|I7GYF8
 11027 SULT1A4|P0DMN0 NAP1L1|H0YIV4
 11028 UTY|F4MHS3 BICD2|Q8TD16
 11029 RNF14|D6RA38 TMPRSS4|H0YBM5
 11030 HLA-C|V5NW00 BCAT2|M0QXF9
 11031 HLA-DQB1|A0A0A7C6I3 ANAPC10|D6RA92
 11032 GLUD2|P49448 ND5|A1Z4G6
 11033 ATP6|A0A096YAI4 COX2|A0A059RIK5
 11034 IL17A|Q16552 HOXC9|Q8N561
 11035 GNAQ|G9FP35 FGD5|B7ZM68
 11036 CROCC|A1L0S8 PYGL|E9PK47
 11037 EPB41L3|J3QS83 SRSF5|Q13243
 11038 ITGB1|C9JPK5 ND1|A4ZMC7
 11039 LECT1|O75829 hCG_28371|D3DXI2
 11040 hCG_1998636|A0A024QZB1 FUT3|A8K737
 11041 ARRB2|P32121 C9orf75|Q8IZ53
 11042 DIEXF|Q68CQ4 ADSS|A0A024R5Q7
 11043 CHD7|A0A024R7V7 PRDM10|E9PLV1
 11044 DKFZp686M05208|Q7Z318 UTY|F4MHS2
 11045 POU2F2|B5ME60 NADH2|Q4G6Z0
 11046 BCS1L|Q9Y276 HLA-C|M9P9Y4
 11047 NDRG2|Q9UN36 CDH16|A0A0B4J288
 11048 ND4|C8YCP4 ACSM1|Q08AH1
 11049 LIPA|Q5T770 CEBPE|Q15744
 11050 TMEM145|Q8NBT3 CREBBP|B5A253
 11051 ODZ4|G4VTY1 MDM2|J3QST1
 11052 HLA-DRB1|A0A0A7C3B2 SLC8A1|E7EV41
 11053 CD2|Q53F96 SP1|P08047
 11054 BNIPL|Q7Z465 GRHL1|Q9NZI5
 11055 HLA-C|D6MLF0 ASPA|P45381
 11056 TNFRSF10B|B5BU36 CYTB|V9J0T0
 11057 PIGT|F6W983 COX3|Q6R0Q1
 11058 CRISPLD1|Q9H336 DKFZp564D1864|Q9UFK5
 11059 NDUFAF6|H0YBT9 HLA-DPB1|A0A0A7C8K4
 11060 OR6C3|Q9NZP0 GABRB3|X5DQY4
 11061 HLA-A|G9HW27 NAT2|A4Z7J7
 11062 F8A1|Q0GE96 TROVE2|G5E9R9
 11063 EBF2|B7Z934 KNS2|Q7RTQ0
 11064 COX2|A0A068BY99 PCBP4|C9J5V4
 11065 CYTB|V5L8C8 KCNQ3|A0A087WZB4
 11066 MYEF2|A0A087WUT0 PBX3|P40426
 11067 HLA-B|F6U0H7 GALNT10|Q86SR1
 11068 ND6|E5KYE8 CCNG1|D6RD30
 11069 KCNN4|M0R2E8 CSPG2|A0A024RAP3
 11070 ND5|A0A097PX07 MADCAM1|A0A087WWC0
 11071 ATP6|T1STG6 ND2|F2WHZ0
 11072 HLA-DR15|G1EMX9 SULF2|Q5BKT1
 11073 RHD|Q59AE7 DEFB129|Q9H1M3
 11074 CYTB|A6ZEQ1 RNF31|H0YNC1
 11075 DLST|A0A024R6C9 TSEN2|Q8NCE0
 11076 RHCG|H0YKQ3 SPHKAP|Q2M3C7
 11077 LOC646743|H7C364 REST|A0PJ83
 11078 HLA-DR15|G1EMX6 COL4A2|P08572
 11079 TPCN1|B7Z3R2 ABI2|F8WAQ3
 11080 WDFY3|A7E1Z6 PGRMC2|O15173
 11081 CHI3L2|E9PIX1 ARHGAP28|Q9P2N2
 11082 PPP1R13L|A7YME7 DNAH3|Q8TD57
 11083 OR2G2|Q8NGZ5 PAWR|Q96IZ0
 11084 ATP8A2|F8W9B3 HLA-B|M5EFF8

11085	RPL23A K7ERT8	NUP210 Q8TEM1
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11087	CCR5 A0A089H976	ADC Q96A70
11088	BCL7B Q9BQE9	SCAMP5 H3BNB3
11089	FUS Q8TBR3	GMNN O75496
11090	SEC14L3 Q495V9	FADS6 J3QRK6
11091	KCNE2 Q2N1I3	IGFBP2 P18065
11092	POLR2H C9JLU1	HLA-C G1ENW6
11093	ND5 A0A023I900	RNF220 Q5TDE7
11094	HLA-A Q9GJ42	DPP10 B4DKB5
11095	IKBKAP H0YDF3	CENPB P07199
11096	HLA-A J9UEL0	UGCGL2 Q05D90
11097	PRICKLE1 Q96MT3	HNRNPC G3V2Q1
11098	SALL1 H3BSM9	GTPBP10 C9JN11
11099	F13A1 P00488	HMGA2 WIF1 B2KX87
11100	ND4L A0A059R1W7	PACRG Q96M98
11101	ND5 J7HR49	STAC Q8WUK8
11102	HLA-B D5FHZ1	CDK8 F5H6D4
11103	GEMIN4 I3L2C7	VDAC3 E5RHE1
11104	UROD Q71UD5	HLA-A F2VNG7
11105	HLA-C G1ENW0	COX2 A0A059QM31
11106	ZNF198 A0A024RDS3	CTCF F5H2V8
11107	CA14 Q9ULX7	ZNF141 Q4W5N2
11108	TRPT1 H0YGY9	OCT6 Q16423
11109	CDH15 P55291	MX2 P20592
11110	CC2D1A Q6P1N0	WFDC3 F2Z2G5
11111	ND5 A6ZFS5	COX7A1 Q6FGI7
11112	RPS3A A8K4W0	HLA-A E5DCM4
11113	OLFM1 Q99784	TIAL1 Q01085
11114	SPNS1 Q9H2V7	CYTH1 K7ENH6
11115	PITPNB P48739	ZNF850 A0A087X0M6
11116	NCOR1 A5PKW7	HLA-B D6CIN1
11117	PIGN A0A024R2C3	HLA-A A0A0A7C7D1
11118	ACTN4 Q96BG6	HBB Q52MT0
11119	TPH1 B3VS00	TUBB2C Q8IZ29
11120	ACOT13 Q9NPJ3	ND3 A0A096W9E4
11121	UTY E1NZ87	AKAP13 A0A087WTD7
11122	CYP11A1 H3BSZ1	KRT31 Q15323
11123	HLA-DR15 F1CCL9	HLA-DRB1 Q3LRY0
11124	DCBLD1 Q8N8Z6	CTR9 Q6PD62
11125	ISCU Q9H1K1	ZFY P08048
11126	ADIP0Q Q15848	MARCH10 Q8NA82
11127	ATP6 Q4F4Z6	C3orf38 Q5JPI3
11128	NRP2 X5D2Q8	IRF7 E9PSE3
11129	COX1 A0A059QSI9	HLA-C Q8HWM5
11130	TOP3B C9JQT7	KDELRL1 M0R1Y2
11131	UGT1A5 Q5QTE4	GCKR A0A0C4DFN2
11132	CD248 Q9HCU0	ESX1 A6ZIT7
11133	CYTB R9Y3S7	DHRS7 H0YJ66
11134	ZSCAN30 K7ERA9	HLA-B A0A0B7MGC9
11135	RFNG A6H8Z0	DAGLB E7ET49
11136	HLA-C F2X642	ELMOD2 D6RHX2
11137	CHST7 Q9NS84	HEL-S-271 V9HW31
11138	FAR2 F8VX60	ANKHD1 H0Y785
11139	NUP205 Q92621	LYPLA1 Q6IAQ1
11140	ANO7 Q8N348	MARK3 H0YIY6
11141	DKFZp434M058 Q9UFE3	CCND1 Q6FI00
11142	HLA-A M1SQT4	MRGPRX1 B5B0C6
11143	AT3 Q9UBW9	ND5 A0S468
11144	MDN1 Q9NU22	NFKB1 D6RDI9
11145	ZBTB10 Q96DT7	MUTYH D3DPZ6
11146	MZF1 M0R2C0	EIF4A1 J3QLN6
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11148	ND6 H9P7D9	VGLL4 E7EQU6
11149	TUBA1C Q9BQE3	CIRBP K7EPM4
11150	PAGE3 Q5JUK9	TGM6 O95932
11151	ARHE Q6FGR9	TP73 A0A024R4C3
11152	DVL3 Q92997	HLA-B C9WCT0

11153	DPP6 Q75MF0	HLA-A Q6AW24
11154	CO1 E2CZ38	TDG F5H0I7
11155	CYTB A0A059RPU7	HLA-B Q006A8
11156	GYG1 C9JQ42	HDAC2 E5RFI6
11157	HLA-B A0A068B2Z1	ND1 A0A023QFT1
11158	FMN1 Q68DA7	LIPH H7BZL3
11159	MAD1L1 A4D218	ATP6 A6Z7D7
11160	cytb Q4GM46	GFI1 D3DT36
11161	STXBP5 Q5T5C0	HHAT F5H2Y1
11162	DCHS2 A0A096LNH0	ND4L Q9B2Z1
11163	HLA-G O19807	GRK3 Q8N433
11164	HLA-C F8SHX6	NPY A4D158
11165	ELOVL7 D6RHD0	CYP11B2 Q16316
11166	NUDT21 H3BND3	TLR5 D1CS90
11167	MCOLN2 Q8IZK6	ZWINT A6NH27
11168	KLC4 C9JZE5	TYW3 Q6IPR3
11169	ANXA2 H0YMD9	CBLB B5MC15
11170	RAB30 E9PRX0	CYTB E5FW64
11171	AIPL1 F1T0B6	TRAPPC4 G3V1A0
11172	KLC2 A8MX29	G6PD Q0PHS5
11173	CSNK2A1 V9GYA2	ND1 H9PIG5
11174	FYC01 Q9BQS8	LOC317671 A0A024RAR3
11175	ZNF608 Q9ULD9	VEZT F8W8C2
11176	COX2 H9RKS9	VCL A0A096LPE1
11177	PAK7 Q8TB93	RALA P11233
11178	ATP6 Q6VIX0	IGSF11 Q5DX21
11179	ND2 A0A097QCX3	HLA-B Q4ZIL9
11180	MLSN2 Q9H200	MGC16025 Q53SM2
11181	HLA-C C6JSZ0	TXNRD1 Q16881
11182	ADAM7 E5RK87	ATP1B3 C9JXZ1
11183	SPEN Q96T58	FGF6 P10767
11184	ND4 G8JB22	MIB2 D6RFJ2
11185	KIR3DS1 Q14943	CST1 P01037
11186	EIF4B E7EX17	IRF2BP2 Q7Z5L9
11187	ABCC10 H0Y904	COX1 A0A059RQ39
11188	NOL11 Q9H8H0	CTSV O60911
11189	FMN2 Q96L17	DMD B4DSV7
11190	ZPR1 H7C449	MLC1 A0A024R4V4
11191	P4HA2 E7EPI9	ND1 F1B7N2
11192	GTF2H3 F5H3G1	PRKD2 M0QXC6
11193	GCK M4PPI9	STK24 H0Y630
11194	AP3B1 O00203	P2RX6 Q05BG9
11195	SLC12A2 G3XAL9	Hosa(Japanese)-T2R8 Q50KU2
11196	TSC22D2 O75157	HLA-B C9E855
11197	COX3 Q2HJS3	TNRC4 Q9BTF3
11198	OSBPL1A Q9BXW6	ZNF304 A0A024R4T2
11199	HLA-C M9P9K2	COX3 G4VYZ1
11200	ATPase Q4GRN9	HLA-C F2VNR8
11201	C10orf99 Q6UWK7	PARVG A0A024R4U4
11202	PLD4 Q96BZ4	ATM E2I6F3
11203	RAP1GAP P47736	RAD18 F8WE49
11204	TRIM36 E9PBG3	ND4 A0A059RI30
11205	AP1M1 K7EQ90	IL1RL1 Q01638
11206	OR2L8 B9EIN6	SLC24A2 Q9UI40
11207	c-fgr P78453	IFRD2 Q12894
11208	SLC19A2 I7BB09	PLD1 C9IY79
11209	CTC1 J3KSZ1	SPEN Q96T58
11210	BAT4 A0A024RCU2	RALB P11234
11211	ZNF696 E5RG39	OR16-37 O43872
11212	CAPN3 P20807	COX1 Q0Z7N0
11213	PCSK4 K7EJB6	CDC27 I0EZ72
11214	CCR4 P51679	KCTD17 H7C323
11215	RND1 H0YHG7	LRRC4B Q9NT99
11216	CLEC18B Q6UXF7	CDA P32320
11217	TP53 L0ERL2	PRKD1 F8WBA3
11218	ND5 A0A097QEC5	ZNF177 V9H066
11219	FAM9A Q8IZU1	ABCC12 A0A024R6Q5
11220	SOX9 U5XJZ1	MC4R K4N7A9

11221 DKFZp566L241|Q5JWW0 ND3|Q7YCD3
 11222 ND2|H9NX93 ANKRD28|O15084
 11223 KIF26A|C9JFF0 HLA-C|F8R1A7
 11224 HLA-DPB1|A0A0A7C5C5 RPS3A|D6RED7
 11225 COX1|X5BVM8 PTPRG|P23470
 11226 GLI3|C9J9N4 MPP2|A0A0C4DH75
 11227 MCTS1|Q9ULC4 BMP1|P13497
 11228 USF1|H0YD59 CYTB|Q4F5S4
 11229 PUS7|Q96PZ0 GALNT14|Q96FL9
 11230 CDC16|A0A024RDZ2 SLC19A2|A0A024R928
 11231 COX1|T1Q4Y6 TRPV6|Q9H1D0
 11232 ZFP1|H3BV40 EXOSC2|Q13868
 11233 TEX101|Q9BY14 HLA-C|W0NUC1
 11234 EPHA8|P29322 FITM2|Q8N6M3
 11235 ND5|Q6VHD5 MYB/NFIB|D0QYQ9
 11236 SLC2A7|Q6PXP3 LARP4|Q6P4E2
 11237 RAMP1|O60894 ESR1|B5TZ83
 11238 MYO5C|H0YM96 HOXC4|Q86TF7
 11239 CYTB|A0SBW6 SLC51B|Q86UW2
 11240 ZNF302|D6RAM0 CALML4|H3BS46
 11241 SLC25A44|Q96H78 DKC1|H7C2Q2
 11242 CSF3|P09919 ADAM11|K7EKA8
 11243 FRG1|Q14331 CYTB|H9STV5
 11244 SLC5A6|E7ERE1 DKFZp686N1815|Q5HYI3
 11245 HLA-Cw|A7LH95 GalNAc-T17|Q58A53
 11246 ACP6|X5D319 RBM45|Q8IUH3
 11247 IP6K2|C9J124 SPIN2A|Q99865
 11248 COI|Q4G9M5 COX1|A6Z6C1
 11249 ND1|A0A023Q700 SPARCL1|Q8N4S1
 11250 CYTB|Q6RKX1 HLA-C|M9P9U7
 11251 ATP6|H9QEH5 C6orf182|Q6P2R3
 11252 SNX29|Q8TEQ0 GADD45B|O75293
 11253 MT-ND2|P03891 NR5A1|Q5T6F7
 11254 COL1A2|P08123 PARP10|E9PM86
 11255 TRPM1|A0A0A0MTQ9 GABARAPL3|Q9BY60
 11256 TNR|A1L306 TLR2|D2JYJ2
 11257 MRGBP|Q9NV56 TOPAZ1|Q8N9V7
 11258 NT5C3B|Q969T7 SOX9|U5XJZ1
 11259 ATP6|A0A059RNJ2 SYNE1|H0Y325
 11260 HLA-DQB1|A0A0A7CA10 RUSC2|Q8N2Y8
 11261 KCND3|B7ZKV0 POU5F1|B5B8P7
 11262 KIF1A|X5D7J0 hCG_1641026|H0UIA3
 11263 MBNL3|B1AKI5 ZSCAN5A|K7ESN6
 11264 GSTZ1|G3V4T6 CYTB|A0SCZ3
 11265 ANK1|P16157 BAAT|A0A024R149
 11266 PKD2L2|Q9NZM6 OPN5|J3KPQ2
 11267 ABCA7|H0YCN5 MAGOHB|Q96A72
 11268 PABPN1|B4DEH8 ND5|Q6RS00
 11269 TMSB4X|Q0P5N8 KLC1|F8W6L3
 11270 VPS28|Q548N1 NTF4|M0R0X2
 11271 ND1|A0A023QR60 TRIM36|Q9NQ86
 11272 SREBF2|Q12772 SYCN|Q0VAF6
 11273 HLA-A|D7NNP5 KCTD15|K7EM48
 11274 HLA-A|F8RHD0 BRCA1|K4JXS7
 11275 ASF1A|Q9Y294 C21orf66|Q8N6E6
 11276 BMP3|D7NTU0 ZDHHC6|Q9H6R6
 11277 AP1G2|G3V3Z2 UBIAD1|R4GNE3
 11278 ND4|C8YCP4 ZNF696|Q9H7X3
 11279 KCNJ15|E7EPG3 MYL6|H0YI43
 11280 GHRL|Q9UBU3 SLC10A1|Q14973
 11281 HLA-C|D2DKH1 CCNC|P24863
 11282 COX3|Q3S961 LMAN1|P49257
 11283 PNPLA5|B1AHL9 EEF1D|E9PK01
 11284 KTN1|Q6PDF7 HLA-C|F6KRZ3
 11285 RHOXF2B|P0C7M4 CYTB|H9QK71
 11286 TXNL4B|H3BUL8 ZSCAN32|Q9NX65
 11287 PADI4|Q6EVJ6 PDE4C|Q2VPB9
 11288 MAPK3|Q9BWJ1 GRHL2|Q6ISB3

11289 TMEM163|Q8TC26 ND4|A0A059S4N3
 11290 SMARCC1|Q92922 EMC7|Q9NPA0
 11291 CDK10|Q9UHL7 TGS1|Q96RS0
 11292 Tbx22|C3TX51 HIBCH|H7C400
 11293 HLA-A|D2XUR4 TGFBI|D6RBX4
 11294 MREG|C9JYV9 SLC6A9|B7Z589
 11295 NDUFA12|H0YID5 ZNF226|K7EQC3
 11296 HLA-C|I6NVQ9 SLC14A1|F5GWS2
 11297 MLLT10|P55197 TRIM5|D8L201
 11298 NEK5|E9PIX7 BILITL1|I6VE22
 11299 SKP1|E5RGM3 ZNF283|K7EPC6
 11300 CYP51A1|A0A0C4DFL7 CHD1L|X5D2E5
 11301 ZSCAN9|A0A0B4J224 ZFAND2B|E9PFU9
 11302 HLA-C|Q0E9Q9 AK9|A0A075B7F5
 11303 REST|L0B1S6 BNC2|H0Y6W5
 11304 NOTCH1|H6VYP0 CAP1|Q5T0S3
 11305 COX1|Q5Q1W2 MICA|A0A023SGA8
 11306 PSG1|Q15108 FRG1|Q14331
 11307 ABCB9|F5H5Q0 VAT1|K7ERT7
 11308 PRSS54|H3BQ57 RRP12|Q5JTH9
 11309 MC2R|Q01718 ADA|F5GYD4
 11310 M1AP|Q8TC57 HLA-A|D6MJ89
 11311 POR|P16435 DEFA5|Q01523
 11312 HLA-C|E0WN40 ESR1|Q9H2M1
 11313 PYCRL|Q53H96 DPYSL5|E7EWB4
 11314 BRCA1|A0A024R1Y0 HLA-C|F6IQK9
 11315 PKM|H3BU13 PRLR|A0A0A7RQI9
 11316 PRMD9|D9IWN0 C12orf55|Q96N23
 11317 CYTB|A0A097KTY0 GSC2|Q15499
 11318 PGPEP1|U3KQ24 CYTB|Q4F5R1
 11319 CEP290|O15078 ZNF79|Q15937
 11320 SLC12A7|H0YB78 OAS2|Q7Z6D0
 11321 CD44|Q99900 ARV1|Q9H2C2
 11322 PRKAB2|X5D2Z8 NADH1|Q4GHR1
 11323 SRRM1|M0QXG5 LHX3|F1T0D7
 11324 TTC28|B0QYP5 OR2T35|Q8NGX2
 11325 RND3|E9PFH1 HLA-B|A0A0A7C896
 11326 GSTZ1|A0A0C4DFM0 CALU|Q6IAW5
 11327 EIF4ENIF1|Q9NRA8 H2AFJ|H0YFX9
 11328 ZNF493|M0QY95 HLA-C|H9BQ96
 11329 RAB5C|A0A024R1U4 CHST11|F8VXK3
 11330 HLA-C|C9WEU3 DPH7|Q9BTV6
 11331 COX3|Q0Z7G1 ND5|Q0Z7K9
 11332 COX3|A0A059RS36 CYTB|C3W5M2
 11333 CELF1|F5H0D8 HLA-DPB1|A0A0A7C9X2
 11334 RNASE8|H2FJY8 ATP6|L7XNP9
 11335 ARPC1B|C9JB77 SNAPC3|Q92966
 11336 HLA-DRB1|A0A0A7CAZ6 NADH5|Q4GW31
 11337 CA2|P00918 HLA-C|C6JSX8
 11338 ZMAT3|Q9HA38 TBATA|Q96M53
 11339 F9|Q19UJ6 MLF2|Q15773
 11340 GPR6|P46095 KCTD19|Q17RG1
 11341 ZDHHC5|Q9C0B5 HLA-C|J7F581
 11342 PPP3CC|H0YC26 PISD|B1AKM8
 11343 ND5|G9IE74 MYO9A|H3BSU8
 11344 ARIH2|Q6IBL8 ZNF641|F8VZ73
 11345 MT01|E5RFF7 RCSD1|Q6JBY9
 11346 COX1|B1NTV9 FTSJ1|B3KN91
 11347 PDGFA|Q9UGN0 PHF7|A0A024R336
 11348 RPP30|P78346 TPMT|P51580
 11349 ECM2|O94769 ATP6|Q5XSX0
 11350 CHUK|Q562E6 CYP21A2|C7DTW5
 11351 UBA2|K7ES38 CCR10|P46092
 11352 IRF7|E9PR03 UPF1|A0A024R7L5
 11353 ND1|A0A059QIL1 STAT2|R9QE53
 11354 NEK1|Q96PY6 TRPC7|Q9HCX4
 11355 TRIM49|P0CI25 UVSSA|Q2YD98
 11356 ARMCX3|Q9UH62 SEC61G|P60059

11357 MPI|H3BUG1 RER1|O15258
 11358 HLA-C|J7K1B8 HLA-C|D2DKI2
 11359 HLA-DPB1|A0A0A7C585 ND4|A0A059RRX9
 11360 HLA-C|D7NP65 ND5|A0A096WZC6
 11361 HLA-C|F2VNR3 CYTB|A0A068BZA6
 11362 ATP6|E5E0C0 MAP2|Q6NYC5
 11363 PRNP|D4P3Q7 WT1|H0Y3F0
 11364 HLA-B|J7H547 AGBL5|Q8NDL9
 11365 CSPG3|Q4LE67 ADK|P55263
 11366 RIPK2|O43353 TSSK4|H0YJB1
 11367 TRIM10|Q9UDY6 HLA-C|A6H581
 11368 HLA-DRB1|A0A0A7C3Z0 STK25|C9JDH9
 11369 ZNF76|P36508 TTL7|F2Z2J7
 11370 GSTT2|P0CG29 PHYHD1|A0A024R893
 11371 HLA-C|D6MKU5 TDP43|A0A0A0N0M3
 11372 HLA-C|M9P8Z6 ATP6|D0UTW1
 11373 SSX3|A0A087WWQ6 GART|C9JZG2
 11374 FBXL22|Q6P050 CYTB|A0A0A0QNF4
 11375 CCT8|Q7Z759 COX3|G3EBM6
 11376 COX3|Q6VJ16 STRIP2|Q9ULQ0
 11377 DARC|A0A059T9W4 KISS1|Q15726
 11378 ZFXH4|E7EVZ1 SLC34A2-ROS1|M1V485
 11379 FLOT2|Q14254 OTUD7A|X5D9E5
 11380 ATP6V1D|G3V341 ZNF75A|I3L2I5
 11381 ELM03|Q96BJ8 PPP2R1B|P30154
 11382 MAPK8|A1L4K2 NEB|H7C2D0
 11383 C6orf174|A5PLQ8 ZNF385C|A0A087WX54
 11384 ASB9|A0A024RBW7 ZNF695|F6W2C3
 11385 GNAS|Q5JWE9 ATP6|A0A068C1D0
 11386 CDC42BPA|H0Y5V1 ND4|Q6VHV8
 11387 ARMC4|Q5T2S8 ACOXL|H7C0A6
 11388 SSFA2|P28290 BACH1|M0QZP0
 11389 CLDN17|P56750 BRF2|E5RGF6
 11390 APCDD1|Q8J025 SYT2|A4FU00
 11391 ADM|E9PQE6 DKFZp434I213|Q9UFZ8
 11392 SELP|P16109 STXBP2|M0QZ54
 11393 SIRT1|A0A024QZQ1 RNF39|Q2L6J4
 11394 KREMEN2|Q8NCW0 KCNQ5|F8WEA4
 11395 ZNF205|O95201 CTGF|Q5M8T4
 11396 TFIP11|Q8N523 CDC73|Q6P1J9
 11397 C8orf74|Q6P047 MHC-DPB1*6001|Q95357
 11398 LPP|Q93052 RASA2|A0A0A0MSJ9
 11399 RBMS2|F8VQS9 ADPRM|V9GYR6
 11400 ATP6V1D|H0YJ55 USP50|Q70EL3
 11401 RBMX|P38159 MPPE1|K7ESB8
 11402 NIPSNAP3A|Q9UFN0 ND1|H9QPE1
 11403 HLA-C|V5J9X0 RAB30|E9PQ07
 11404 PAFAH2|Q5SY01 ANXA8|P13928
 11405 CST6|Q6IBD2 ND2|L7XTV0
 11406 HLA-A|A0A0A7C794 ASCL3|Q9NQ33
 11407 TERF2IP|Q9NYB0 AADAC|C9K0E9
 11408 NAT9|J3KRQ7 COX3|B8RFL3
 11409 CKMT1A|P12532 WSB1|Q9Y6I7
 11410 CYTB|B8RFE1 IP6K1|Q92551
 11411 HLA-C|V5NW22 ESX1|A6ZIS6
 11412 G3BP2|D6R9A4 SYNGAP1|Q96PV0
 11413 CPT1C|M0R0D3 ACBD5|Q5T8D3
 11414 GATA4|A0A087WZ09 BBOX1|Q1KLS6
 11415 SNRPA|M0QZG7 TGFB1|P01137
 11416 ZEB1|P37275 ZCCHC11|Q5TAX3
 11417 HLA-C|F2VYK7 RNF139|Q8WU17
 11418 ND4|Q15HM5 BRCA1|A0A068BFY0
 11419 HLA-C|H9C5H9 RAG2|P55895
 11420 CYTB|A0A023Q6C9 GPER1|Q14440
 11421 HLA-A|A0A0A7C4I8 TM7SF2|E9PS09
 11422 ATP6|L7SKU1 HLA-C|A0A0A7C6P5
 11423 LHX1|Q58F18 ZNF761|A0A087WXU7
 11424 RHOF|Q05D03 SLC35C2|Q9NQQ7

11425	TOP1MT H0YBR3	GTPBP10 C9JEQ8
11426	BPI H0Y738	STUB1 V9GYH3
11427	RASGRF1 Q8IUU5	TAS2R4 A1L485
11428	RNF38 Q9H0F5	SLC16A10 H0Y5M8
11429	FAT3 G5EA25	DIS3L E9PI20
11430	MAD1L1 C9K086	BCR/JAK2 G8FPZ9
11431	IL1B C9JVK0	ND4L C7SJB6
11432	ACTL8 Q9H568	CDKN2A Q9UPB7
11433	METTL15 F8WD83	DSEL Q8IZU8
11434	ITGB1 E7EQW5	KIF17 Q9P2E2
11435	DPP3 G3V1D3	IP6K2 Q9UHH9
11436	cytb Q85KX2	ZNRF1 Q8ND25
11437	FIBCD1 Q8N539	ENTPD3 O75355
11438	ADAM10 H0YK87	HLA-B V5LKG1
11439	HLA-C F1CCK0	TFDP1 F5H452
11440	MEIS2 A0A024R9L4	SPTBN1 Q01082
11441	ND5 Q85KU7	TRPM1 H0YKU7
11442	ENOX2 A4QPE1	TRNT1 A0A024R2H7
11443	HYKK A2RU49	HLA-C M9PA28
11444	GLB1 F8WF40	SARS2 M0R259
11445	NUDT1 P36639	RHD H8WR11
11446	VGLL4 Q0H0I4	ND1 H9E7F4
11447	HEL162 V9HWK4	ZFP1 H3BV40
11448	KIF5A Q12840	HLA-DQB1 F8LFY5
11449	FAM212A Q96EL1	PRPF31 E7ESX0
11450	TNIK C9J338	PANK1 Q8TE04
11451	HLA-G Q6DL86	OGFOD1 Q8N543
11452	SHMT2 Q5BJF5	RYR3 A0A087X080
11453	PPIG C9JT64	LY96 Q9Y6Y9
11454	COL4A6 Q9UEH6	GPATCH1 Q9BRR8
11455	HRASLS5 Q96KN8	IL6ST Q17RA0
11456	USP31 A0A087WXV9	HCR A9XAG5
11457	HEL55 V9HWB6	NPHP4 D6RA06
11458	TXNDC16 Q9P2K2	STK3 E5RIM6
11459	TCF15 A4LBB6	STK33 Q9BYT3
11460	CLTA P09496	UTY F4MHL9
11461	HLA-DRB1 Q29744	KRTAP10-7 P60409
11462	TLL1 D6RCE0	RPEL1 Q2QD12
11463	CREB5 Q02930	PTPRS A8E4L7
11464	MDN1 Q5T795	SLC22A16 C9JU94
11465	PPP1R3B Q86XI6	SSTR1 P30872
11466	CLCNKB A0A087X136	INTS1 Q8N201
11467	RALGAPB A2A2F0	SLC14A1 K7EQM7
11468	ARPC1A E9PF58	OSBPL2 E7ET92
11469	rps2 Q8J014	PRDM1 O75626
11470	HLA-DRB1 A0A0A7C3C4	CCL11 P51671
11471	PCK2 B4DW73	FBX021 Q8IUQ5
11472	ATXN3 D3VVD1	CYP21A2 E9M5D0
11473	KNSTRN V9GY01	HLA-A A0A090KKK5
11474	LSM11 P83369	COX2 F2WGV2
11475	IL18R1 Q13478	MRPS34 P82930
11476	EPHA10 J3KQG3	KRT18 A0A024RAY2
11477	TPD52 P55327	COX2 A1Z455
11478	MSL2 Q9HCI7	C18orf32 Q8TCD1
11479	NME4 F2Z2X0	PFKP H0Y757
11480	PYGM P11217	CYP20A1 Q8WZ13
11481	AMER1 Q5JTC6	REX02 F5H6P8
11482	CYTB Q7YCC9	CACNA1C Q13936
11483	ZNF350 M0R017	ITGBL1 O95965
11484	HLA-A D6ML63	ELFN2 Q5R3F8
11485	MYO19 A0A087WV4	SMARCC1 Q58EY4
11486	ZMYND8 A0A087WV57	ERAL1 K7EQJ8
11487	PRDM6 Q9NQX0	CBFA2T1 Q9HBV9
11488	CTNNA1 E5RG03	OR7G3 Q8NG95
11489	CYTB Q5S8X1	ND6 A0A059RJ10
11490	GARS Q75MN1	BMPR1B D6RAW8
11491	ND6 A0A059RMZ8	SLC26A2 P50443
11492	DYNLRB1 Q9NP97	AMD1 B4DZ60

11493 NODAL|H7C0E4 PLAUR|M0QX27
11494 PLEKHM2|Q8IWE5 ARHGDIG|C9J9L9
11495 DKFZp667C1917|Q69YR1 ND6|A6YZJ2
11496 FBL|M0R2U2 MYO1C|I3L3Y6
11497 ERCC1|A0A024R0Q6 HLA-C|K7P5N3
11498 FAM127C|Q17RB0 UCP1|P25874
11499 ORC5|G3V0H0 IRAK1|P51617
11500 ATXN3|D3VVH8 PPP1R10|Q2L6I0
11501 PMPCB|Q96CP5 HNRNPA1|F8VZ49
11502 ATP6|R9Y9G5 MRPS2|A0A024R8D4
11503 CTDSPL2|Q05D32 HLA-DQB1|A0A0A7C9K1
11504 TP53|L0EQS1 PPP4R1|J3KSB0
11505 NR6A1|F1DAM1 ALK|F0UY65
11506 ZC3H11A|E9PBY7 CYTB|A0A059QJE1
11507 STK32A|Q8WU08 ILF3|K7EQ75
11508 SLC25A19|J3KTL0 PPFIA3|R4GNF1
11509 TRPC4|Q9UBN4 ARHGEF16|Q5VV41
11510 CARM1|Q86X55 ANP32E|Q9BTT0
11511 ABL1|Q13688 HLA-B|A0A0A7C4D2
11512 GAD2|Q05329 HLA-C|I7A4F9
11513 F8C|Q9UQQ5 WDR12|Q53T99
11514 KITLG|A0A024RBC0 POLD1|M0R2B7
11515 TADA2A|A0A087WYK3 FSHR|C9JDA1
11516 GBP4|D3DT27 PTPN7|H7C4T8
11517 RTCA|A6NIC1 RARA|J3KSJ4
11518 TRAF4|J9JIG0 CGEF2|Q53QY2
11519 LONP2|H3BPF7 ND1|A0A059RJY0
11520 MAP4|A0A024R2V0 FAR2|F8VX60
11521 ZSCAN31|C9JIC2 B3GNT1|O43505
11522 SNX1|J3KPH4 STX16|O14662
11523 PXR1|Q13335 PTK7|C9JQR6
11524 PIK3CB|Q6PJ60 ZNF250|E9PQX5
11525 HELZ|B7ZLW2 RHCG|H0YKQ3
11526 PCLO|Q32P40 B3GALT6|Q499Z2
11527 HLA-B|Q2YHR9 ASPN|Q05CQ6
11528 MSTN|O14793 COPE|O14579
11529 CYTB|A0A059QJE1 OVOL1|Q86XL8
11530 NRK|Q7Z2Y5 TUBB6|K7ES63
11531 SLC25A11|Q02978 COX3|D7P622
11532 HLA-C|D3U739 IL1RAPL2|A0A0A0MRB9
11533 SLC12A4|Q9UP95 INTS3|Q68E01
11534 ND5|H9RY26 ND1|A6YZM0
11535 RASSF8|F5H0S5 HLA-C|U5YF48
11536 MOBKL1A|B3KSH6 COX1|G5D8K5
11537 ND4|A0A059R902 CXCR6|O00574
11538 RHOC|E9PN11 ND1|H9MPV4
11539 HLA-A|A0A0A7C4H8 HLA-C|C0KJW6
11540 CSH2|A0A087WX75 HLA-B|Q38PK6
11541 RHD|Q333X4 HLA-C|D7NP10
11542 ND1|D7P9J3 FYC01|Q9BQS8
11543 ND1|F2WIN6 CFTR|A0A089PPW6
11544 TEAD3|Q96G15 SEPSECS|A1A4F3
11545 ALDOC|J3QKK1 IGF2BP3|F8WD15
11546 HLA-B|F0VYJ3 MITF|C9K0S7
11547 LYG2|C9J4J0 SLC6A9|P48067
11548 HLA-DRB1|A7UHG8 NDUFAF6|H0YBT9
11549 DNMT1|F8VR28 SHMT2|G3V3Y8
11550 CDC42|A0A024RAE4 PRICKLE3|H0Y413
11551 HLA-C|E7BYC9 DPH5|Q96DC6
11552 ABCA2|A0A087WVK5 ATP8|H9E7S1
11553 SGK494|L7N484 GLB1|P16278
11554 GNE|Q6QNY5 MYC|B3CJ92
11555 IFIT1|P09914 HLA-C|C6K4P0
11556 IP6K2|Q9UHH9 FARSA|K7EPH2
11557 IL6|B4DNV3 ND2|G9LKI3
11558 COX1|A0A059RPI8 HLA-C|E0WBQ9
11559 ATXN3|D3VVI9 PPP2R5D|E9PFR3
11560 HMOX1|Q6FH11 HLA-C|Q9GIP1

11561 POLR3B|F8VRU2 HLA-C|G1EQ39
 11562 ATP6|A1Z4E8 SNCG|O76070
 11563 CNOT2|H0YI11 SEC62|Q3KR08
 11564 HAT|Q4W5K4 FAM156B|A0A087WZE8
 11565 KLHDC7A|Q5VTJ3 ATPase|Q4GT85
 11566 SLC6A6|A0A024R2N0 RHD|Q5XLT3
 11567 HLA-B|A0A0A7C5K8 KCHN2|G0ZL81
 11568 VCAN|D6RGZ6 RHD|W6AWA7
 11569 ZNF347|Q96SE7 ATP1B3|H7C547
 11570 TNNT1|P13805 ABLIM1|A0A0A0MRL6
 11571 PAPLN|B5MDP7 GTF2F1|M0R0R9
 11572 CTSB|Q6IBC3 RNF39|Q9H2S5
 11573 FAM192A|Q9GZU8 MRPS23|J3QLR8
 11574 HLA-DR15|D3U4F4 EYA1|A0A024R813
 11575 PTMA|P06454 CYTB|A0A023QYQ2
 11576 HLA-DQB1|Q67AI9 F3|P13726
 11577 ABAT|X5D2Y3 PRRG1|C9JNY5
 11578 COL28A1|Q2UY09 HLA-DQB1|A0A0A7C7U8
 11579 BEST1|A0A0C4DGE9 HEXA|G3XL78
 11580 CYTB|H9QKM7 FLAD1|Q8NFF5
 11581 CYTB|A0A097QAX0 EIF1AY|O14602
 11582 POLR3D|P05423 BRCA1|K4K7V3
 11583 HRH3|A0A087WZD3 HLA-A|D7NNS5
 11584 CYTH1|K7ENQ8 HLA-C|F4YZV9
 11585 CYTB|Q4F2Z9 GPR97|Q86Y34
 11586 HLA-G|B7SFZ3 KLRF2|D3W0D1
 11587 C10orf4|D3DR40 CNTNAP2|X5D2E8
 11588 KLKB1|H0YAC1 ARHGAP4|E9PCM6
 11589 RHD|A9P3T3 HLA-B|G1EPQ0
 11590 NOVA1|F8VWX1 EGLN2|A0A0C4DGR4
 11591 MMP17|Q9ULZ9 BFAR|H3BRQ5
 11592 TRIM28|Q13263 PCDH15|A2A3E7
 11593 PTGR1|F2Z3J9 SOSTDC1|Q6X4U4
 11594 SLC01A2|C9JHU9 ZDHHC5|H0YEF4
 11595 TUT1|F8WA97 HLA-A|I2GAD6
 11596 SNX19|Q92543 BMX|P51813
 11597 ZNF233|K7EJE5 HDHD3|Q9BSH5
 11598 DKFZp686G24255|Q7Z2Y6 FNBP1L|Q5T0N5
 11599 SLC35C1|Q96A29 DUX4|E0Z3H2
 11600 CCR3|Q96T96 ATP6|A0A023QEV0
 11601 ATP6|A0A059RIS0 ZNF418|M0QX21
 11602 DPP9|M0R2A8 HLA-C|U5IQC9
 11603 GCGR|P47871 NAALADL1|Q9UQQ1
 11604 COL6A1|P12109 ATP1B4|Q9UN42
 11605 NCOA3|Q9Y6Q9 ZNF649|Q9BS31
 11606 PPP4R1|J3KSS1 HLA-C|G1EQF1
 11607 ATP6|Q6R0Z3 HLA-DQB1|A0A0A7C947
 11608 ND1|H9P359 CACNA1C|A0A087WUX4
 11609 APOL1|U5LKH9 F10|P00742
 11610 TMC06|D6R986 TXNDC16|B7ZME4
 11611 TRPM6|Q96LV9 ASAH2|Q9NR71
 11612 COI|U3M9R5 HLA-C|S5DU01
 11613 LDHC|G9BCY8 GNAI1|C9JPP4
 11614 ZYG11A|Q6WRX3 ZNF323|A0A024RCL4
 11615 PFKP|Q49A78 LHX6|A0A024R852
 11616 TDRKH|B7ZAG4 HLA-C|D7NP42
 11617 C1orf168|Q5VWT5 PLXND1|Q9Y4D7
 11618 FKBP3|Q00688 RAD51L1|A0A024R656
 11619 CCDC114|Q96M63 HLA-DR15|E3SWP0
 11620 SLC11A1|A0A024R474 ABCC5|F8WCY8
 11621 C6orf49|A0A024RCZ7 TMEM218|A2RU14
 11622 SOX11|Q05CH0 CPSF7|Q8N684
 11623 hCG_1771503|A0A024R195 CHMP4B|Q9H444
 11624 LIMCH1|H0Y8P3 B4GALT4|O60513
 11625 GRPEL1|Q9HAV7 HEL-S-1|V9HWD6
 11626 ACACB|H0YGH5 RHD|T2DJN4
 11627 HLA-C|G1ENR4 SRY|Q52MX8
 11628 USP17L5|A8MUK1 POLR3C|E9PHH9

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11630	ND5 E5FF97	PLIN5 Q00G26
11631	CHMP2A O43633	ESD P10768
11632	SPTLC2 O15270	LIG1 Q76GR4
11633	TLR-4 D0EWT9	CDYL2 Q8N8U2
11634	TNFAIP3 D3TTZ7	AP1S2 P56377
11635	MRPL37 Q6TGK8	PITPNC1 Q9UKF7
11636	CA10 Q9NS85	HLA-C M9XL14
11637	JMJD1C Q15652	PSMB6 P28072
11638	TADA2A A0A087WWR4	PPP4R1 J3KSB0
11639	CATSPERB Q9H7T0	HLA-C C9WES3
11640	ITGA2B P08514	NUDT1 A0A024R858
11641	C20orf112 Q96MY1	FRK P42685
11642	HLA-C M9PAN4	CATSPER4 J3KNU1
11643	TTC21A Q8NDW8	F8 F2WWL4
11644	LRP12 Q9Y561	DUX4 E0Z3F0
11645	RHCE I7ITT0	LRRRC8A Q8IWT6
11646	MAP2 A0A024R409	KLHL12 Q53G59
11647	CD72 P21854	TRPM5 Q9NZQ8
11648	TRPV5 Q9NQA5	ND2 F2WIN7
11649	ATXN3 D3VVE0	CEP97 Q8IW35
11650	OOEP A6NGQ2	ND1 F1B806
11651	ND4 A0A075X6T1	STK33 C9J6X7
11652	NADH4 B9EEM2	CIZ1 Q9ULV3
11653	OR8H1 Q8NGG4	CYP1A1 A0N0X8
11654	HTRA4 P83105	APAF1 A7E2A2
11655	ATP6V1D Q8N5Z9	DPYSL4 O14531
11656	CYP2C9 S5R8H1	ND3 A0A059QEX8
11657	TIGD3 Q6B0B8	SERTAD3 Q9UJW9
11658	ZNF83 Q6P579	SPRED3 K7EPU5
11659	HLA-A E5D6K3	Fam20A L8B8N7
11660	MYH4 Q9Y623	SF3B1 O75533
11661	MATR3 P43243	IFIT3 Q5T765
11662	ITPK1 G3V4M9	HLA-A H9C5F5
11663	STK11IP Q8N1F8	ZFP3 Q96NJ6
11664	SIK3 M5FMX3	COI1 Q4GCC3
11665	EDEM3 Q9BZQ6	PURG Q9UJV8
11666	IL-2 Q16334	PDE7B Q4LE81
11667	ELMOD2 Q8IZ81	GPD1 A0A024R138
11668	SOX4 Q06945	MSL2 C9IZ03
11669	FAM115C A6NFQ2	HLA-A D5FIG8
11670	MOGS Q13724	C2 P06681
11671	HLA-DPB1 A0A0A7C6S7	BCO2 H0YCN8
11672	HLA-A Q05G01	HLA-DRB1 D5FIC9
11673	FCH01 M0QYT8	ACLY Q4LE36
11674	COX3 H9MXE9	COX1 A8JLF0
11675	TUBGCP4 Q9UGJ1	NFE2L1 J9JIE5
11676	SLC35E3 Q7Z769	RBP2 D6RB89
11677	SNCAIP Q9Y6H5	TRIM42 A1L4B6
11678	ATG4B F2Z2K8	UMODL1 H0Y887
11679	ND5 A0A097PZZ1	DNAH7 Q8WXX0
11680	HLA-A D5FIG9	CRY2 A2I2P1
11681	SCUBE1 Q8IWIY4	PIP5K1B A0A0A0MT25
11682	HLA-C U5YC39	FUT4 P22083
11683	COL4A6 F5H851	CYTB H9QF27
11684	PRR5-ARHGAP8 B1AHC3	PRKCA L7RSM7
11685	SF3A1 Q15459	FAM38A Q96HU3
11686	ERH G3V279	H1F0 P07305
11687	HLA-C N0A4B8	CCBP2 A0A024R2X7
11688	HLA-A A2VBX5	ITIH5 A0A096LP62
11689	GCK M4PS76	B3GAT3 Q5U676
11690	HLA-A R4I3G2	SUOX P51687
11691	TMEM201 Q5SNT2	FCGBP Q9Y6R7
11692	CAPZA2 F8W9N7	CMTM1 Q8IZ96
11693	CYTB A0A068BZR1	DCN H0YIH3
11694	HLA-B I2GAD8	SDF2 Q99470
11695	NALCN Q8IZF0	SMC1A G8JLG1
11696	ASGR1 P07306	NT5E Q96B60

11697	MDH2 Q75MT9	HLA-C A0A0A7C4V3
11698	ATP6 Q4F6K4	SPINK13 Q1W4C9
11699	ATP8B4 H0YMP8	RBFOX2 S4R469
11700	CHMP5 Q9NZZ3	MMP14 P50281
11701	ACP2 B7Z6U3	COX3 G5D8J6
11702	ZNF14 P17017	GAMT Q14353
11703	STK11 K7EP59	E2F4 I3L1B6
11704	RNASE6 Q93091	CYTH2 F8W8E2
11705	SLC6A4 B3VRS0	RHD E5BCZ9
11706	BARHL1 Q9BZE3	ADGRL3 E7EW95
11707	DNA2 P51530	HLA-C G1ENS0
11708	NME1 E7ERL0	SLC30A6 B5MCR8
11709	ND1 F2WG52	ZNF20 Q86XA2
11710	PROS1 Q8IXD4	ND1 A6Z693
11711	MAPRE2 K7EL66	MAP3K11 E9PLB1
11712	PCDHB5 Q9Y5E4	HLA-C M9P9R3
11713	C9orf32 A0A024R8E4	HLA-A M4MEU8
11714	HLA-B C9WCX3	ND4 X5CDJ3
11715	STIM1 G0XQ39	GAL3ST1 C9J6M2
11716	HLA-C V5NVY5	GLYATL1 E9PJV1
11717	COX1 A0A023Q488	GUCA2A Q02747
11718	SPG7 J3KRF6	ZNF707 E9PP66
11719	ZNF616 Q08AN1	KPG_010 Q5KU18
11720	NPC1 K7EIH7	ND1 A6YVW1
11721	PHF20L1 F8W9L8	IFT27 B1AH58
11722	SCAI H7C4U2	ACAD9 Q9BUX5
11723	RBM33 H0Y3K3	HYAL2 C9K016
11724	ND3 K9R2C4	ERBB4 H3BLT0
11725	ATXN3 D3VVL3	ND1 C5MN97
11726	SEMA3F Q13275	COX2 T1Q632
11727	UACA B7ZKM6	SFRS5 B5BUD8
11728	IDH3B O43837	ND2 F1JZY1
11729	HYAL2 A0A024R300	ZNF431 Q8TF32
11730	HAUS2 H3BP24	USP17L10 C9JJH3
11731	HLA-C Q8HWM5	STIM1 E9PJ19
11732	CYBRD1 C9JML1	ND1 Q5S9D9
11733	ZNF766 M0R139	OSGIN2 Q9Y236
11734	PHACTR1 Q9C0D0	PRSS38 A1L453
11735	ADGRL3 E7EUW2	FPR2 M0R222
11736	TIMM50 M0R0C3	EEF1A1 Q6NSH7
11737	MYCN P04198	CARKD Q8IW45
11738	UNC50 Q53HI1	JAG1 P78504
11739	C12orf68 Q52MB2	AGAP5 A6NIR3
11740	FMR1 Q06787	RBM20 Q5T481
11741	HDAC7 Q8WUI4	GRM7 B9EGG9
11742	ND2 Q7GXY9	HLA-DPB1 A0A0A7C5M3
11743	HLA-A D6MLJ9	RHD L0RH60
11744	BAG1 Q99933	PIPOX Q9P0Z9
11745	F7 P08709	TRIT1 Q3T7C3
11746	MT01 H0YC00	ZNF345 F8W8R5
11747	NADH2 Q4G716	KEL Q0KH95
11748	BPGM P07738	ND6 Q7GXW8
11749	ATP6 A0S3K5	ZNF705A J3KPU9
11750	HLA-C F2X642	SH2D3A Q9BRG2
11751	ERN2 A5YM65	SLC25A22 K4DIA8
11752	AQP6 Q13520	ALK D1MAM3
11753	C12orf40 Q86WS4	HLA-C I6NN86
11754	ARHGAP27 A0A0C4DGE6	TAF6 C9JTY6
11755	CHAC2 Q8WUX2	ND4L A0A059RP56
11756	SP100 H0Y4R8	ZNF703 Q9H7S9
11757	SLC38A11 Q08AI6	LIME1 X6RKG5
11758	CIDEC A0A024R2F7	GALT Q16554
11759	ND5 U3LRZ3	LTA4H P09960
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11763	ZNF703 Q9H7S9	MRPL34 A0A024R7J4
11764	ND5 A0A059RMA0	BOLL F8WD91

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 11768 CD3D|G8H453 TMEM5|Q9Y2B1
 11769 ELK4|A0A087X2F7 ZNF581|K7EM32
 11770 DPEP2|I3L348 LRRK2|Q17RV3
 11771 SEC22C|C9J9A4 CASK|B7ZKY2
 11772 CYTB|H9SKJ3 COX1|A0A059QPW0
 11773 PDIA2|Q4TT65 RARRES3|A6NG31
 11774 TRPC1|A7VJS2 IGFBP2|C9JMY1
 11775 HNRNP1|E5RGH4 HLA-C|D7NQZ6
 11776 NAP1L4|C9J6D1 COX2|A6Z6E8
 11777 hCG_24487|A0A024R261 RBBP6|Q7Z6E9
 11778 ZNF155|K7EJJ6 RPS6KA2|X5DNZ1
 11779 SHB|Q15464 EIF4A2|E9PBH4
 11780 SQLE|E7EVQ6 HLA-A|P30443
 11781 KCNQ5|A6PVT8 CYTB|Q6RQZ5
 11782 ND4L|E5E198 CNTNAP2|O75852
 11783 PCDHGC3|Q9UN70 CYP2E1|P05181
 11784 PIWIL1|F5H3U6 ND3|H9SLH6
 11785 COMT|H7BZ45 HLA-DQB1|A0A0A7C6N7
 11786 PROS1|Q1W146 ATP6|F6N1T4
 11787 ARHE|Q6FGR9 AP1AR|Q63HQ0
 11788 CDK4|F8VZZ0 CTBP2|P56545
 11789 ARSB|A0A024RAJ9 ZDHHC21|Q8IVQ6
 11790 HLA-C|D6C6D6 OAS1|Q3ZM02
 11791 EFCC1|Q9HA90 ND2|W8DEH1
 11792 ERAP1|A0A0A7E6J5 EXOC7|K7ERQ5
 11793 ZNF101|K7EN16 MCAT|V9GYY6
 11794 ND4|D6C3M0 ARHGAP10|A1A4S6
 11795 ATP8|B2MXR9 D2HGDH|B5MCV2
 11796 TGFBR2|P37173 BCL2L12|Q9HB09
 11797 ZNF264|Q14C61 HLA-C|D9UC06
 11798 P2RX4|B7Z4R5 CISD2|Q8N5K1
 11799 MLPH|Q9BV36 TCEA2|Q15560
 11800 ND5|Q2LHU9 NEIL1|H3BM98
 11801 ND4|D7SF85 CASP1|Q5FBZ0
 11802 MYO7A|B9A012 HOXA1|P49639
 11803 CYTB|Q7YCF5 CFTR|Q6KEJ1
 11804 PAX3|A0A024R470 LTF|E7ER44
 11805 NPTX1|Q15818 COX1|A0A059QX78
 11806 UBB|P0CG47 HLA-C|G9HWA9
 11807 PARP1|Q6PJL0 HLA-B|D7GK35
 11808 C9orf78|Q9NZ63 MMD|Q15546
 11809 XAF1|C9J7Z8 GSTM1|H3BQT3
 11810 ZCCHC9|A0A024RAL5 AGPS|Q53S12
 11811 TOP3B|H7C4B0 RRP8|O43159
 11812 ND6|A1DVF7 ZNF235|K7ESF8
 11813 B3GAT3|G3V150 LTA|Q5STV3
 11814 CAMTA2|A5PL10 VASP|K7EM16
 11815 PLA2|Q9C011 BDP1|A6H8Y1
 11816 COL2A1|P02458 ASAP3|Q8TDY4
 11817 ATP6|Q5SB58 KCNQ3|O43525
 11818 CEP350|Q5VT06 CYTB|U5YYS4
 11819 RPL23A|K7ERT8 HCR|A9XAC5
 11820 RAD51|E9PI54 DAO|A0A024RBH6
 11821 SNX8|C9JCB9 BRPF3|Q9ULD4
 11822 OTOR|Q9NRC9 SART3|F8VV04
 11823 ENDOU|P21128 SSH3|Q8TE77
 11824 FAM21A|Q641Q2 PMVK|Q15126
 11825 ZNF277|Q75MZ1 TNFAIP3|D3TTY4
 11826 CYP21A2|C7DTW1 HLA-DPB1|A0A0A7C799
 11827 FAM170A|A2VCN0 RHCE|A0A078N0E5
 11828 TRAF3IP2|O43734 PAX-3|Q12777
 11829 HLA-DRB1|A0A0A7C4L3 UBA1|Q5JRR9
 11830 RBBP4|Q09028 PBX1|A0A087X0P4
 11831 CYTB|Q7YEH0 HLA-C|F2VNT6
 11832 CMPK2|I1Z9C7 DKFZp686A15170|Q68DG4

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11835	HLA-C C5IZV2	LTBP3 E9PJR2
11836	CYP2D6 D5KMR1	LYZ P61626
11837	ddo C9K4X7	LIMA1 F8VTU2
11838	ETV3 P41162	CAT P04040
11839	ZSCAN18 M0R1U9	ABHD12 I3L1V0
11840	BCORL1 Q5H9F3	RHD A5PHJ8
11841	MARK1 Q9P0L2	CPA1 P15085
11842	ARHGAP45 A0A087X1A3	PRSS54 Q6PEW0
11843	ATP9B K7ES39	COX2 H9S5Y2
11844	ND4 K7WII4	SIX2 Q8TBA2
11845	KCNA1 Q09470	NCAM1 A0A087WX77
11846	KEL W5XNU6	CHMP1A F8VVT7
11847	TFAP2C A2A2R7	HES1 Q8IXV0
11848	HLA-B Q546C9	HMP19 Q6IAL2
11849	SLIT2 A0A087WYV5	UTY F4MHD5
11850	HLA-C G1ENR4	COX2 A0A023QZ25
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11853	ATPase Q4GPN7	AP1S2 H7BZG6
11854	SLC19A3 B8ZZ39	HHEX Q03014
11855	HLA-C D7NNX7	PHF12 C9J9G2
11856	BAG4 O95429	AASDH D6RJA2
11857	RPS2 D3DU83	AK9 H0Y8C5
11858	AKAP10 O43572	CYTB A0A075C8D8
11859	SPINT2 K7EM91	EGFR E9PFD7
11860	CRYBG3 Q68DQ2	ND5 A0A023I7H2
11861	HLA-C D5G243	ND2 X2C0Y5
11862	ND5 K9M4G7	CWF19L1 Q69YN2
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11864	UNG P13051	PTPRT B1AJR8
11865	SUPT20H Q8NEM7	IQCG Q9H095
11866	ZNF778 H3BUU4	EPB42 H3BTE6
11867	CYTB H9PPW3	UTY F4MHR2
11868	ND5 B2D6E5	LIPA P38571
11869	HLA-B G1ENJ6	CYTB H9RBZ4
11870	GFOD1 S4R302	MYH2 J3QLR0
11871	CETN3 Q6ICP7	HLA-A V9N358
11872	GNRHR2 Q96P88	TAP2 B6VNV2
11873	RHD B5RHP0	ND1 Q15IG8
11874	PPP4R4 Q6NUP7	GPR84 Q9NQ55
11875	RINL Q6ZS11	ZFX Q8NHZ1
11876	COX3 B2YI97	LSAMP Q13449
11877	MGAT4D D6RCD3	RTP1 P59025
11878	USP17L19 A0A087WYD9	HLA-C D2DKK3
11879	POLR1A Q53T12	ILKAP B8Y6Z5
11880	RABL2B F2Z3J7	ND2 W0C2T4
11881	POU5F1 Q01860	FCH01 M0QZI3
11882	ATP6 A0A023I989	ND4 B2YA81
11883	DAO F8VVT2	DKFZp566H033 Q9UG47
11884	ZMAT1 A7MD47	ZNF420 K7ESJ1
11885	KIFC3 H3BTL6	COX3 C8XZH6
11886	SHC2 P98077	OR2T5 Q6IEZ7
11887	OR6N1 B2RUT4	EIF2AK3 C9J185
11888	COX18 B7ZL88	NFE2L1 B4DYE1
11889	PLCZ1 F5GYE4	VAC14 A0A087WT26
11890	NTAN1 H3BPN7	PPP2CA P67775
11891	GLS2 E5G743	PDZD3 E9PRB0
11892	BBS1 E7EQH1	IL6R P08887
11893	HLA-DQB1 E9PIB1	KLHL7 Q8IXQ5
11894	ND5 A0A096VW26	HLA-C A0A087NNI9
11895	PCMTD2 V9GZ41	PSMA8 Q4G1B8
11896	CYTB A0S4R5	ZNF470 M0R2Y9
11897	SLC25A37 H0YAT5	HLA-DPB1 A0A0A7C8J2
11898	ATP6 E9P6Q2	MSC O60682
11899	ND4L D2Y6V9	DCUN1D4 Q92564
11900	SELL P14151	WNT7B A8K0G1

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 11904 PROKR1|Q8TCW9 MOK|E5RHY4
 11905 HMOX1|B1AHA8 ND1|A6ZGJ8
 11906 MYOM3|Q5VTT5 CD163|F5GZZ9
 11907 ESYT2|A0A087WXU3 BAX|Q07812
 11908 HLA-C|G0ZDW0 ND2|A6ZFE9
 11909 LHX8|Q68G74 RINT1|Q6NUQ1
 11910 RHOC|E9PN11 ATP6|B7TPA5
 11911 PLAUR|M0QYR6 NAT2|A4Z6T9
 11912 PRSS1|Q86W19 S100PBP|E9PSA0
 11913 ARFGEF1|Q9Y6D6 TRIM17|Q9Y577
 11914 GMPR2|H0YMV5 CIDEB|G3V4E2
 11915 CEP350|H0Y7F7 FSD2|A1L4K1
 11916 NFATC3|Q12968 BET1L|Q9NYM9
 11917 COI|U3M9R1 SDC1|E9PHH3
 11918 WHSC2|B3KSP0 HLA-C|D7NP16
 11919 NADH5|Q4GW31 TRIM3|D3DQT4
 11920 DKFZp666I2310|Q658X1 RHOQ|F8WET9
 11921 NAV3|Q8IVL0 ATP6|B2XK18
 11922 SCAMP5|H3BMY4 HBG2|A1EGU3
 11923 SATB2|Q9UPW6 PCDHAC1|B2RNA7
 11924 RUVBL1|H7C4I3 RARG|Q9BZI0
 11925 BARD1|F6MDI1 NT5C3A|B9A035
 11926 DKFZp761K058|Q8N3P5 TRMT2A|Q8IZ69
 11927 CSNK1E|H0Y645 AIFM3|C9JPU8
 11928 SLC25A30|A0A087WWR9 HGS|O14964
 11929 cytb|B2XH13 ATP8|T1SWT3
 11930 RNF14|Q9UBS8 HMGA1|P17096
 11931 TFF3|A0A0A6YYJ4 AP2S1|M0R1S0
 11932 ODZ1|G3CAS6 SCAMP3|Q6FHJ5
 11933 SRP19|P09132 HLA|D7RJ49
 11934 AKT3|Q56A86 SNAP91|H0YBT2
 11935 CCL14|A0A087X089 MYO1D|Q8N618
 11936 CACNA1E|Q9UN68 BRAF|E2I6F4
 11937 METTL8|Q9H825 Pe1Fe3|W0S0X4
 11938 SLC22A5|O76082 SPATS2L|Q9NUQ6
 11939 ZNF644|A0A087WZL9 XRCC3|Q53XC8
 11940 PYCRL|A0A0A0MQS1 ND5|Q6VI79
 11941 LUC7L3|U3KQT3 HLA-DPB1|D2ECG1
 11942 ZNF278|A0A024R1M5 HLA-A|U5YCI0
 11943 AFF3|P51826 HNRNPH3|P31942
 11944 FOXQ1|Q9C009 HLA-A|F2VNJ6
 11945 UGT1A5|Q5DSZ9 HLA-C|H9BYT3
 11946 ROCK2|E9PF63 RP1L1|A6NKC6
 11947 ND4|Q9B300 TFAP2B|Q92481
 11948 SNX8|C9J271 DOCK7|A0A0C4DGY6
 11949 ASS|Q5T6L4 AADACL2|Q6P093
 11950 SRCIN1|Q9C0H9 FBN2|E9PHW4
 11951 IL9R|A0A024R039 RAP1B|F5GWU8
 11952 CSDE1|E9PLD4 AQP1|P29972
 11953 ND5|H9PR79 ZNRD1|Q9P1U0
 11954 HCR|A9XAE3 HEL-S-153w|V9HWF6
 11955 ADAMTS13|Q76LX8 MAML3|Q96JK9
 11956 PCDHA3|A1L2Z5 ZNF221|Q9UK13
 11957 RAB2A|H7C125 PRKCSH|P14314
 11958 HLA-DR15|F2VNV3 HLA-C|M9PAB6
 11959 HLA-A|M9P9E7 TUBE1|A0A0B4J2B9
 11960 ZBTB47|D6RDG5 ATR|D6RIG7
 11961 POR|B2R6E5 VARS2|B7ZCJ6
 11962 RPL6|F8VU16 MYO5C|H0YM93
 11963 UGT1A9|Q4R0Z7 STAT1|E7EPD2
 11964 NRAP|A0AVL2 P2RX4|H0YF70
 11965 GSTM4|A6NNT0 TLR9|D1CS61
 11966 REST|A0A087X1C2 SPX|F5GXE5
 11967 ZBTB12|Q9Y330 HEL-S-109|V9HW75
 11968 POGK|Q5TIJ2 MSX1|E9KXV8

11969 DHRS4L2|H0YN69 HNRNPDL|A0A087WUK2
 11970 DSE|Q9UL01 ITGAE|P38570
 11971 RSPRY1|A0A024R6U0 CBWD6|Q4V339
 11972 ECH1|M0R248 KKL10|W8GN28
 11973 SH2B2|C9JK89 HLA-C|G3DR66
 11974 KIF11|P52732 PSMA7|O14818
 11975 FBX031|Q5XUX0 SPINK1|D6RIU5
 11976 MAB21L2|Q9Y586 COX3|V9JBV1
 11977 CASR|Q2F3K4 MTHFD2L|Q9H903
 11978 CKB|G3V4N7 SLC16A7|F8VS95
 11979 ZNF749|O43361 SLC1A2|H0YEB1
 11980 ATP7A|Q04656 PRKD2|A0JLT6
 11981 DCN|P07585 NR2C2|C9JKS0
 11982 HVCN1|F8VPF7 CREB1|C9JBT4
 11983 HLA-DR15|M9P9N8 LYPD8|Q6UX82
 11984 EFHD1|C9JTV4 DBP|M0QXP1
 11985 MDM2|A0A0A8KB97 MAZ|P56270
 11986 C11orf68|Q9H3H3 RHD|Q70E15
 11987 HLA-C|G1EQ75 USP44|A0A024RBD7
 11988 KCNH2|A0A090N8Q0 GRIA2|H0Y972
 11989 SLC12A5|M4PM66 CYTB|E9K9I4
 11990 LAMP1|P11279 GADD45A|P24522
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 11992 HLA-DQB1|A0A0A7C6D8 ASPA|I3L0T3
 11993 U2SURP|E7EW00 CYTB|A0A023Q6G1
 11994 ND1|C7AB04 DBI|A0A0A0MTI5
 11995 PRMD9|D9IWN0 GJB6|O95452
 11996 PLCB2|Q9BVT6 ND4|E2CZ45
 11997 BIRC7|Q96CA5 HSPD1|C9JL19
 11998 CYTB|H9R8I5 PP187|Q8WYH1
 11999 OR2A7|Q96R45 C8B|B7Z550
 12000 PTPRF|H0Y6Z7 ND3|F2WIH8
 12001 CYTB|R9Y9N2 ND5|Q5S8W0
 12002 CCR5|B8LFP0 CYTB|A0A068BNA6
 12003 DNM2|Q9UPH5 ZFP112|Q0VG01
 12004 LIPF|P07098 PLXNA4B|A0A024R7A6
 12005 CCNG2|F6WBC3 PPT2|A2ABN6
 12006 WNT1|P04628 SLC25A34|Q6PIV7
 12007 HLA-A|F4YU26 MC1R|V9QDQ6
 12008 BCL6B|Q8N143 SPCS2|E9PRB9
 12009 HLA-B|A0A0B7MB28 HLA-B|D3U3M0
 12010 SPTBN1|A0A087WUZ3 ESYT3|A0FGR9
 12011 HLA-A|D2JZZ8 ZNF382|C9JME7
 12012 UGT2B11|Q4W5B9 HLA-C|G9I2P0
 12013 IMPAD1|H0YBS3 YWHAЕ/FAM22A|G9K388
 12014 SCRNI|A0A024RA21 WNT2B|Q5TEH8
 12015 USP36|A0A075B784 MRPL47|Q9HD33
 12016 DKFZp434I052|Q8ND60 D2HGDH|H7C021
 12017 IL37|Q9NZH6 RPL14|Q6IPH7
 12018 SLC16A3|A0A024R8U1 ZNRF4|Q8WWF5
 12019 COCH|G3V5G6 OR10C1|Q6IFQ5
 12020 ND4|D6R6G1 ACOX3|D6RJ89
 12021 CHRNA10|E9PNT7 ZNF134|P52741
 12022 RHNO1|Q9BSD3 ALG13|A0A087WTT9
 12023 HAAO|P46952 TP53|L0EQS1
 12024 HLA-DPB1|A0A0A7C5J9 ND5|Q7YEE9
 12025 PCK2|H0YMA5 FOXC1|C6KMR8
 12026 RPL13|Q6NZ55 ND5|Q15HE6
 12027 COX3|B2Z5S5 NFYC|H0Y803
 12028 GEMIN4|Q8WUM5 NT5DC4|Q86YG4
 12029 SLC19A2|A0A024R928 TRIM14|F2Z2M2
 12030 SYNM|O15061 ND5|V9N5T7
 12031 LMBRD1|Q9NUN5 MYO3B|H7C1M9
 12032 CFTR|Q6KEA0 ALK|B2MXD7
 12033 SLIRP|H0YJ07 ABCA6|Q8N139
 12034 ND1|A6Z6J7 SEPT9|K7EK18
 12035 SIX6|O95475 SLC29A1|C8KHU2
 12036 CACNB2|A6PVM6 TFDP1|F5H452

12037	CHI3L2 H0YD88	SIGIRR Q6IA17
12038	RPL7 P18124	ND2 G9LMQ6
12039	CREB3L4 Q5T4K9	HOXA1 P49639
12040	NIN H9KV85	TLOC1 D3DNQ1
12041	GPAA1 O43292	CREBBP B5A223
12042	BPGAP1 Q8IZM6	SERPINC1 P01008
12043	AGT P01019	FADS3 H0YCN1
12044	NME5 P56597	HLA-C I6M568
12045	HINT1 P49773	RHD Q7RU08
12046	COG1 J3QKY9	ATP11A Q6PJ25
12047	RSF1 H0YCN2	CTSB E9PL32
12048	TERF1 E7EWM7	ND5 H9P066
12049	STX17 Q6NSC7	HEL-S-8a V9HW91
12050	KLK8 A0A0A0MQY9	MAPK3 H0YEX6
12051	SLC39A4 Q6P5W5	SPATC1L Q9H0A9
12052	HLA Q9BD08	CNN2 U3KPS3
12053	PROCR Q9UNN8	DKFZP56400523 Q6FI77
12054	PSMC1 Q53XL8	CCL19 Q99731
12055	CCHCR1 B0V092	FLT1 H9N1E7
12056	CYP3A43 E9PDL8	CCR7 J3KSS9
12057	OR3A1 A0A087X1K4	KRT7 Q3KNV1
12058	LOC163131 A0A024R0P7	NKX3-2 P78367
12059	DKFZp686L0872 Q7Z345	MTHFD2 P13995
12060	SLC7A14 Q8TBB6	ZNF589 Q86UQ0
12061	PAK2 H9XFB4	BASP1 P80723
12062	MAPT I3L170	HTR3A B3VRH5
12063	RPSA A0A0C4DG17	PPP1R1B J3KSJ8
12064	LANCL3 Q6ZV70	RCAN2 A0A0A0MSB6
12065	NPSR1 Q6W5P4	C6orf106 Q9H6K1
12066	GABRP E5RG98	CTBP2 Q8IY44
12067	COX2 Q5SB08	CYTB X5BZI9
12068	OR1C1 Q15619	TMEM208 Q9BTX3
12069	DMPK Q09013	CCL22 O00626
12070	UPF3B Q9BZI7	LIAS D6RCP8
12071	NPSR1 Q6W5P4	ND5 V9JCN2
12072	THOP1 K7EMU4	ST5 P78524
12073	C1orf94 Q6P1W5	PDZD7 Q9H5P4
12074	CEP350 A2A4F6	THOC7 Q6I9Y2
12075	DKFZp547L155 Q8ND22	ZDHHC11B P0C7U3
12076	MYT1 Q6P6D5	LIN7C Q9NUP9
12077	ATP6 D0V1V0	LRP2 P98164
12078	ADH5 P11766	K14 Q13092
12079	CYTB R9Y643	ACOT13 Q9NPJ3
12080	FASN P49327	GOLPH3 Q9H4A6
12081	HLA-C C5IZW1	DLGAP1 A0A0A0MTP4
12082	ZNF277 C9JH62	ATOX1 O00244
12083	RUNX1 X5C3Z9	MYC B3CJ72
12084	FAM120C Q9NX05	F11 P03951
12085	CHST11 A0A024RBL0	ND2 H9S3J8
12086	GABRG3 H0YJ81	GSTM5 Q5T8R2
12087	CARD9 A0A024R8F1	COX1 A0A059RXH5
12088	CD300E Q496F6	CHD2 A0A024RC75
12089	KRT37 O76014	USP43 V9GXZ5
12090	CGA Q96QJ4	RAPGEF5 Q92565
12091	STON2 H0YJ05	COX1 A0A059QF37
12092	HLA-C A0A0A7C929	ZNF121 K7EQI1
12093	CALML5 Q9NZT1	ND2 A0A059QTG0
12094	CCR2 L7REX9	TFRC F8WBE5
12095	Hosa(Japanese)-T2R16 Q50KN6	DLX3 F8VXG1
12096	HLA-Cw B5TRS5	PPIG E9PG73
12097	STARD13 A0A024RDV4	C10orf28 D3DR60
12098	NAV1 Q8NEY1	APOBR Q0VD83
12099	TBPL1 Q7Z6U1	DKFZp686G18136 Q6N0B2
12100	SLC4A1 P02730	ALG12 A0A024R4V6
12101	CSNK1G3 Q9Y6M4	ATP2B4 A1X4Q2
12102	ADC D3DPR0	CYP4V2 Q6ZWL3
12103	SYBU E9PQG2	BMP4 Q53XC5
12104	CYTB M4Q9T4	SCN1A F8T7W4

12105 ZNF426|A0A024R7D7 NCR3|O14931
 12106 NUA1|A0A024RBL3 COX1|H9E7M1
 12107 DBP|M0QXW3 UGT1G|Q13407
 12108 PTPN13|D6R9M4 CYTB|E2FQU2
 12109 COX2|B2XHF9 RRAD|P55042
 12110 WIPF1|Q2YDC4 cytb|Q85BE0
 12111 cytb|Q4GN21 ATXN3|D3VVP8
 12112 COX2|E7CNQ9 ND4|A6ZGQ9
 12113 NOV|P48745 KIF13B|D3DSU3
 12114 NDUFAF6|A0A075B6P0 MTIF2|P46199
 12115 PSG6|Q00889 ND3|A0A059QT02
 12116 VNN2|E9PK31 ND1|H9QT41
 12117 ATXN3|G3V390 LUC7L|B8ZZ10
 12118 ACCS|Q96QU6 HLA-A|D3VPJ4
 12119 ZNF239|Q16600 DKFZp434L0312|Q658J9
 12120 TADA2L|A0A024R0Y4 SPRR1B|P22528
 12121 SLC20A1|H7BZY1 WDR7|A2RRE0
 12122 HLA-DQB1|A0A0A7CAH5 BTB|P43251
 12123 JDP2|H0YKE4 SOGA3|Q5TF21
 12124 ND6|E5DYD7 MOGS|C9J8D4
 12125 NOLC1|Q14978 FAP|Q12884
 12126 CYTB|A0A0A0PP50 SLC35A1|Q6A0F3
 12127 PCDHGA1|Q9Y5H4 FAM13A|O94988
 12128 FAAP24|Q9BTP7 SLC5A6|E7EW78
 12129 GNB5|A0A024R5V3 ATP8|A0A059QPX7
 12130 DNAJA4|F5H170 DPYSL3|Q6DEN2
 12131 MYL7|H7C3E3 EVC|Q5U3C2
 12132 CCR3|A0A024R2Z3 ALAD|B7ZBK6
 12133 ND5|H9E8A0 MBD1|Q9UIS9
 12134 CAPN10|Q9HC96 EIF3E|H0YBP5
 12135 TBC1D5|Q92609 DIAPH3|Q9NSV4
 12136 HLA-C|G0WVC8 NAAA|Q02083
 12137 WARS|A0A024R6K8 HLA-DPB1|A0A0A7C724
 12138 PCSK6|H0YMW5 POT1|Q9NUX5
 12139 cytb|Q4GGJ6 VRTN|Q9H8Y1
 12140 RAB5B|F8VUA5 ATPase|Q4GDG1
 12141 RORC|P51449 SCN5A|A0A0A0MT39
 12142 LIMK2|A0A024R1H6 SRP54|G3V480
 12143 DKFZp686G1648|Q7Z3R9 RLN3|Q8WXF3
 12144 HLA-A|B8XRE8 TUBB2B|A1L195
 12145 USP18|Q9UMW8 OPHN1|O60890
 12146 RAB6A|A0A024R5H8 ND6|E5DY72
 12147 HBB|Q8IUL9 VAT1|K7ER81
 12148 TRMU|Q2PPL5 MNAT1|H0YJ92
 12149 CAMK2B|Q13554 HLA-B|P79487
 12150 HEL-S-22|V9HWE9 ANP32A|P39687
 12151 OR5H1|A6NKK0 CCR5|A0A089G6S0
 12152 MIA3|H7C0T4 ATL3|Q6DD88
 12153 PUS1|A0A024RBS6 ATP13A2|H0Y8I1
 12154 ZNF558|Q96NG5 B3GNT3|Q9Y2A9
 12155 FABP9|Q0Z7S8 CSF1|E9PQ08
 12156 ND5|Q8HG18 PTOV1|Q86YD1
 12157 OR1J4|A3KME5 SLC4A2|C9J9M9
 12158 HLA-C|A0A0A7C956 ATP8|F2WHR5
 12159 RPS6KB2|A0A024R5J9 PRKX|P51817
 12160 TAF1|P21675 EPM2A|O95278
 12161 COLGALT1|Q8NBJS LIPE|Q05469
 12162 TRIM14|Q14142 IGLC2|P0CG05
 12163 MPI|H3BPB8 ATP6|H9QVC6
 12164 ND1|A0A096WT46 HEY1|Q9Y5J3
 12165 ZNF57|A0A087WUM7 SDF2|Q99470
 12166 E2F4|H3BVE4 HLA-DR15|G1EMW1
 12167 ZNF823|P16415 ABCB4|A7J1S3
 12168 PRKRA|G5E9Q4 AKT1|B0LPE5
 12169 RFC5|P40937 RABGGTA|H0YKZ8
 12170 CKS1B|Q5T178 HSP90AB1|Q6PK50
 12171 HLA-A|D6ML13 CTDSPL2|Q05D32
 12172 CYTB|A6ZB95 PITRM1|H0Y7L7

12173 H2AFY|B4DJC3 ELMOD3|B8ZZT8
 12174 SLC38A2|Q96QD8 CORIN|J3KR88
 12175 TEX12|A0A024R3E7 SCAP|C9JFY0
 12176 IL10RA|Q13651 USP46|P62068
 12177 HLA-C|V5L7F2 SQRDL|H3BMS6
 12178 COX1|A0A023I8E0 SEC61A1|B4DR61
 12179 ZNF333|M0R113 MTMR14|Q8NCE2
 12180 AMDHD2|H3BSV9 ABCC1|G0ZCM4
 12181 MGST3|A0A024R8Z1 BCHE|F8WEX7
 12182 HLA-C|J7K7F4 SLIRP|H0YJU7
 12183 MIB2|Q96AX9 TACR1|Q53TQ2
 12184 ZNF169|Q14928 FLJ00153|Q8TEP0
 12185 NADH5|Q4GJP0 HLA-C|U5YC67
 12186 AIDA|Q96BJ3 HLA-B|F4YU51
 12187 CYTB|Q5SAW0 ELM02|Q5JVZ4
 12188 HLA-A|M4N7U4 TBCA|E5RIW3
 12189 RNPS1|H3BMM9 PRR4|Q16378
 12190 PTPMT1|Q8WUK0 MRPS17|E9PE17
 12191 DTX3|A0A024RB96 IRF8|H3BNX4
 12192 ZNF114|M0R0V4 HEL-S-133P|V9HWB9
 12193 MECOM|E7EU48 ABCB4|A7J1Q5
 12194 HLA-DQB1|A0A0A7C793 COX2|A0A059RSL1
 12195 TCEB2|B8ZZU8 NT5C3A|X6RM59
 12196 ZNF443|F8WDY2 NFIX|K7EMQ5
 12197 DNP1|O43598 CLDN10|Q5W075
 12198 UMODL1|Q5DID0 CCR5|Q9UN25
 12199 USP14|D3DUG9 HLA-C|G1ENS0
 12200 AMACR|A0A024RE16 AKT2|J3QL45
 12201 PSMB9|P28065 HLA-DQB1|A8KS05
 12202 FAM62A|A0A024RB17 HLA-A|I2B305
 12203 HLA-A|D6MLK8 HLA-C|G3DR68
 12204 CYP7A1|P22680 BACE1|A0A024R3F9
 12205 FMNL3|F8W1F5 COX3|Q6RRW7
 12206 LITAF|Q99732 ND2|A0A075X839
 12207 LAMA3|A0A0A6YYF2 ZNF394|Q53GI3
 12208 ATP1A3|P13637 AGTPBP1|Q9UPW5
 12209 HLA-C|D9UAZ8 TPST1|C9K0F3
 12210 PLCB4|Q15147 HLA-C|G1ENW1
 12211 HLA-A|J9ZZZ7 LTA|Q5STV3
 12212 TAF4|O00268 FEZF2|Q8TBJ5
 12213 UNC119B|A6NIH7 CYTB|Q5S8P3
 12214 RPL37A|C9J4Z3 MYB|E9PQQ2
 12215 coxIII|T2HLZ8 RHCE|A0A089VLV6
 12216 RHD|E7BAS3 BACE1|A0A024R3D7
 12217 ARHGAP40|H7BXE0 HLA-DQB1|N1JVU8
 12218 GIPR|Q4VBP1 ND5|V9K141
 12219 ND5|A0SBB9 EIF2B2|P49770
 12220 ATP5J|A8MUH2 HLA-A|C1KJL4
 12221 SLC6A4|B3VRQ0 PRKCA|L7RSM7
 12222 E2F6|O75461 HLA-DRB1|V9N379
 12223 NR6A1|C9JDI9 ICAM2|J3QQX6
 12224 TGM5|A0A024R9P4 EPS8|Q12929
 12225 HLA-C|C6JSX7 F9|Q19UG3
 12226 RDH11|Q8TC12 OR52N5|Q8NH56
 12227 IGF2BP2|F8W930 SNX16|A0A0C4DGW2
 12228 CNOT8|E5RIU0 CDH19|Q9H159
 12229 HLA-A|C8XTP8 HLA-C|A0A0A7C5N0
 12230 COX2|A0A059RTG7 WMTR1|Q9GZV5
 12231 CYTB|B8RF24 ATXN3|D3VVT2
 12232 TM9SF2|Q99805 KRTAP9-4|Q9BYQ2
 12233 NAPRT|C9J8U2 AP2B1|A0A087WXS3
 12234 BRCA1|A0A068BFV4 CYTB|Q15HK9
 12235 NRIP1|P48552 SLC9A5|H3BNY2
 12236 GPR89B|P0CG08 PTPA|B7ZBP9
 12237 ATP6|H9LL75 PCSK9|Q8NBP7
 12238 IP08|F5H2I3 HLA-C|C7FDU5
 12239 NOL8|F5GXV1 DKFZp686I0613|Q5JPG5
 12240 ND2|Q7Y6G2 XRCC6|B1AHC9

12241 HLA-C|G1EQE3 ATP8A2|F8VRS1
 12242 ODZ2|G3CAS8 UBA2|U3KQ55
 12243 HLA-DPB1|A0A0A7C870 NR2A2|F1D8Q4
 12244 HLA-DPB1|A0A0A7C954 RHD|B2ZGQ0
 12245 TFB2M|Q9H5Q4 TXN2|M0QXH0
 12246 RAB4B|P61018 SENP6|Q9GZR1
 12247 SLC25A53|Q5H9E4 HLA-Cw|B5TRS5
 12248 ANK2|Q01484 SLC25A33|Q9BSK2
 12249 SPACA7|Q96KW9 USP18|Q9UMW8
 12250 PTTG1|Q2VPE7 ND2|A0A023QBA5
 12251 HLA-C|D7NP70 ASB15|Q8WVK1
 12252 PBR|O76068 MCUR1|U3KQP8
 12253 RELA|E9PI38 HLA-C|E0WBQ8
 12254 RHCE|A0A0A1TSH2 MAPK10|D6RAU3
 12255 SP100|Q53TD0 HAPLN1|D6RBS1
 12256 CLU|E5RJZ5 OR13F1|B9EIM5
 12257 ATP8|U3LAD1 ZNF831|Q5JPB2
 12258 HLA-DRB1|O78048 HOXB2|D3DTV2
 12259 LIMD2|J3QL69 HBB|Q7Z2K5
 12260 COX1|A0A059QFN5 UTRN|P46939
 12261 HLA-C|A0A0A7C7T5 MMP13|G5E971
 12262 MAP1B|D6RA40 DKFZp686N19168|Q6MZJ2
 12263 ATP8|A0A059RKD4 MET|A0A024R728
 12264 WIPF3|A0A0A0MSG0 HLA-DQB1|A0A0A7C6F5
 12265 FOXK1|P85037 OVOL1|G3V1B0
 12266 TRIM63|Q969Q1 CDHR3|E7EQG5
 12267 DTX3|A0A0C4DGI8 ALDH5A1|X5DQN2
 12268 SNRNP40|Q96DI7 RGS11|O94810
 12269 ND5|A0A097QA13 HLA-C|R9RH45
 12270 SLC17A6|Q9P2U8 ND5|A0A096WP35
 12271 ZNF566|K7EQC1 HLA-C|G1EQI6
 12272 CCDC70|Q6NSX1 MLC1|Q15049
 12273 CAMK2A|A8K161 CYTB|E9LBL3
 12274 HLA-A|F8LSV3 HLA-C|H9BQ88
 12275 HLA-A|D6ML42 OR17-137|O43878
 12276 HLA-B|D9U3G8 PKN2|B1AL79
 12277 KCNRG|Q8N5I3 GDDP1|J3QQN7
 12278 ND4|B8X5N4 COL6A2|P12110
 12279 BACH2|Q9BYV9 GNL2|H0YG10
 12280 XPO4|Q9C0E2 PDZD4|Q17RL8
 12281 ZNF570|K7EP64 TRIM43B|A6NCK2
 12282 SURF1|E5KRX5 DDX49|Q9Y6V7
 12283 UTY|F4MHR0 GAD2|Q5VZ29
 12284 HLA-A|Q5SRN5 LEPR|Q4G138
 12285 MGAT3|B0QY93 HBA2|U6A493
 12286 ZNF34|Q8IZ26 TFIP11|Q8N523
 12287 DPEP3|Q9H4B8 MGAT1|D6RBS3
 12288 COX1|Q4F563 SPINT2|K7EJS4
 12289 MIIP|Q5JXC2 EIF2B4|A0A087WTA5
 12290 NPC1|A0A0A8JCD0 DCI|Q96DC0
 12291 SHKBP1|M0R2U6 ALG8|H0YDQ1
 12292 RANBP17|Q9H2T7 DKFZp779M164|Q5H9P3
 12293 IFIT2|A0A087X279 LMNTD1|H0YFH5
 12294 ND5|Q8HAS6 HLA-E|S5RFZ0
 12295 COX2|R9Y412 SEPT4|J3QRS4
 12296 GPM2|P81274 CYBB|P04839
 12297 ZNF672|Q499Z4 FADD|Q13158
 12298 ATP6|A0A059RR79 SF1|Q15637
 12299 HSP90B1|F8VPC7 ATP6|Q85KZ2
 12300 AP2A2|E9PQP4 SPATA31D1|Q6ZQ02
 12301 ACCN3|A0A090N8Q1 TEX11|Q8IYF3
 12302 HLA-C|E0WBR3 ATXN3|D3VVD8
 12303 PAK1|H0YCG5 USP48|Q86UV5
 12304 HLA-A|D5FHP9 HLA-G|Q6B844
 12305 ND5|A0A059RD49 ND4|A1DV51
 12306 ASB14|A6NK59 ND6|J3RF73
 12307 RASSF3|Q86WH2 UNCX|A0A0A7EP36
 12308 CETN3|O15182 ENOX2|A4QPE1

12309 ZNF654|Q8IZM8 AOX1|Q06278
 12310 ND5|A0A059RZW9 TARBP2|F8VYK3
 12311 DDX5-ETV4|C1IK54 PDGFRL|Q15198
 12312 HER-2|Q9UK79 AP1G2|O75843
 12313 ND1|G3CA07 NADH6|Q4G7B0
 12314 CCR5|A0A089H983 HEL-S-271|V9HW31
 12315 LEPR|Q4G138 hCG_1998636|A0A024QZB1
 12316 EIF5B|A0A087WUT6 RCBTB2|O95199
 12317 SLC2A8|Q5VWV0 AQP12B|A6NM10
 12318 SETD9|Q8NE22 BRPF3|Q8N4T7
 12319 ND5|A0A096X0V2 GPS1|J3QS84
 12320 CALM1|P62158 FUK|J3KSP6
 12321 CACNA1H|H3BUA8 TCTN3|Q6NUS6
 12322 ELF3|A0A024R974 AFAP1|Q8N556
 12323 HLA-B|A0A060VG50 HLA-C|F6KRZ0
 12324 GUCY2F|P51841 AP1S3|Q53R44
 12325 GP1BA|P07359 GZMK|P49863
 12326 WIPF3|A0A0A0MSG0 PYCR2|A0A024R3Q9
 12327 hCG_39762|A0A024R4Y2 SCYL1|Q96KG9
 12328 ZNF227|K7EIL7 DNAH1|Q9P2D7
 12329 GSTT1|Q4W252 HLA-C|M9PNT4
 12330 UGP2|A0A087WYS1 C8B|B7Z550
 12331 CNP|K7EN66 LPHN2|O95490
 12332 SEPT8|F8W8I8 SCN3A|Q9NY46
 12333 HLA-C|C5IZY2 OR2A12|A4D2G4
 12334 FBLN5|A0A024R6G3 ZNF226|K7EL77
 12335 MSX1|E9KXX4 THRB|W6JGS6
 12336 HLA-A|J7SBK9 KHSRP|A0A087WTP3
 12337 TP0|A0M8X1 PRSS16|F2Z2N5
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 12340 ANAPC10|D6RA92 PLA2G16|P53816
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 12343 ZNF800|Q49A13 LARS|Q6NVI4
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 12347 CYB5R2|E9PQW2 MTA1|Q13330
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 12352 TLL1|B7ZLW3 AK5|E9PIS7
 12353 COX3|H9NV96 CPNE2|Q96FN4
 12354 HLA-B|C0LAB1 PAQR8|Q8TEZ7
 12355 ND4|C8YIQ0 SLC7A6|H3BRZ8
 12356 ZNF225|K7ENA2 CCDC116|Q8IYX3
 12357 ND5|J7HWP4 MYH8|P13535
 12358 ATP6|A6ZCZ8 NCOR2|Q9Y618
 12359 ND4L|A0A059QEH3 C9orf171|Q6ZQR2
 12360 VSNL1|E7ER47 CYTB|V9JF25
 12361 JMJD7|P0C870 SP1|P08047
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 12363 COX1|F2WJ44 MGAT5|Q53SZ9
 12364 USF3|C9JBW0 CD1b|Q9UN97
 12365 CTSB|E9PL32 ATP8A1|Q9Y2Q0
 12366 MT1G|H3BSS0 EXOC2|Q2MDF5
 12367 EGLN1|R4SCP5 ZEB2|E7EUW9
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 12373 CPD|J3QQJ4 PRUNE2|D6RTK6
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 12375 IFNA16|P05015 HLA-Cw|E9NVG5
 12376 CYTB|T1Q6H3 KLHL26|Q53HC5

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12378	EGFR G9MC26	ND5 R4I9Z4
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12380	INTS10 H0YBH6	PGPEP1 S4R2Y9
12381	PTPN23 Q9H3S7	PSG Q16502
12382	ZNF Q15924	PSD4 A0A024R521
12383	RAB30 E9PNB9	ND5 V5JRZ3
12384	LAMTOR5 O43504	VGLL4 Q14135
12385	CCDC85B Q15834	ND5 G4W5R1
12386	PCYOX1 C9K055	CCNG1 P51959
12387	ODF1 Q14990	DKFZp667F1511 Q9H045
12388	SKOR1 P84550	RBMY1C P0DJ04
12389	RBM17 H0Y6J6	HRC M0QZ43
12390	COX3 A6Z708	HNRNPC G3V575
12391	PSMA5 P28066	TP53 K7PPA8
12392	TNFRSF9 Q07011	LAP3 P28838
12393	TBC1D19 Q8N5T2	C8orf38 A0A024R9B1
12394	ndh2 T2HLS5	PTPN21 Q8WX29
12395	BRSK2 E9PPI2	SYNJ2BP P57105
12396	COII C5H6M7	ZNF862 O60290
12397	HEXA H3BP20	PRRG4 Q9BZD6
12398	HLA-C D6C6F0	HLA-A D0EP74
12399	ND4L Q7GXZ4	cytb A7LDE8
12400	G3BP2 D6RB17	GRAMD4 Q6IC98
12401	HLA-C B2BD81	FMR1 R9WNI0
12402	DTWD2 Q8NBA8	GRIA3 P42263
12403	ABCB4 A7J1R2	RHD A7DW67
12404	ATF4 P18848	MPV17L2 Q567V2
12405	TRIM48 Q8IWZ4	PLA2G4A W0FXB0
12406	ATP8 G9LIB9	TSC22D1 H7C4J9
12407	SOD1 X5D3G4	HLA-C G9I2M6
12408	ND1 A0A023QR60	SAV1 H0YJH0
12409	TMX1 G3V448	MAP2K2 G5E9C7
12410	SCN2B Q5U0K8	HIST1H2AC Q93077
12411	AID Q8NFB6	FBX02 Q9UK22
12412	ND4 I3Q1J9	HLA-B Q860I7
12413	ADO Q96SZ5	DGKA G3V4E1
12414	TAS2R3 Q9NYW6	HBB Q52MT0
12415	FGF8 A0A087X1S5	NOL8 F5H8B8
12416	HLA-C F6KS13	EIF1B O60739
12417	MAP1LC3B H3BTL1	HLA-C I6NWP3
12418	HLA-DQB1 M1GLR5	RHAG X5MNR9
12419	PPP1CC F8VYE8	CRBN Q96SW2
12420	OXCT1 E9PDW2	TACR3 P29371
12421	TP53 B5AKF7	DDX39B Q5STU3
12422	HLA-A D7GM35	SEPT10 Q9P0V9
12423	MCPH1 Q6RAS8	STMN1 Q96CE4
12424	UTY E1U1N1	AMPD3 H0YDC3
12425	CTPS1 P17812	CSR1 E9PS42
12426	INSIG2 Q9Y5U4	HLA-Cw Q6UQM7
12427	HLA-DQB1 L0BVM0	TRIM51 Q9BSJ1
12428	GPC1 H7BZL4	EHD1 C9IZH1
12429	DKFZp547C166 Q68CW0	ND2 G9LHU7
12430	ND5 A0A059RUF6	BAZ2A J3QK86
12431	ZNF879 E5RI37	FHL2 F8WDA8
12432	ND5 E5DYH5	GALT Q14367
12433	INSM2 Q96T92	RAD52 F5GX32
12434	PIK3CB C9JNF6	VGLL4 E7EWF5
12435	TBX20 C1INH9	DKFZp686N04132 Q68CY0
12436	TP53 S4R334	AKT1 B0LPE5
12437	METTL1 Q9UBP6	RECQL F8WD97
12438	SELPLG Q14242	FOXE3 A0A0B5INR0
12439	SAP25 Q8TEE9	NAP1L4 E9PS34
12440	SMCHD1 A6NHR9	ACOXL H7C0A6
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12442	TIAM2 Q8IVF5	SLC25A37 Q9NYZ2
12443	SRY H9U933	HLA-C F4YUA1
12444	NADH4 Q4GGG0	ND2 Q4VFX7

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12447	HLA-B I2B2W6	HLA-DRB1 A0A075QB04
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12449	TYMP E5KRG5	GADD45G Q6IAW6
12450	LGALSL Q3ZCW2	CDK4 F8VTV8
12451	TBC1D3C Q6IPX1	IRF3 M0QZB7
12452	PGC Q4VXA6	coxIII T2HLZ8
12453	HLA-C Q8MHP9	OBSL1 O75147
12454	PRDM9 I6V2Q9	SLC26A5 P58743
12455	HLA-B D7GK35	ERAL1 J3QRV9
12456	CPA5 Q8WXQ8	UGT1A1 Q9BX76
12457	MSRB3 F5H199	BTBD6 Q96KE9
12458	HLA-A D3U477	UTY F4MHC8
12459	GPRASP2 Q96D09	ZNF559 K7ERK9
12460	DFFB J3KT26	NBR1 Q14596
12461	SLC25A35 Q3KQZ1	DKFZp686F17268 A4GYY8
12462	AGBL3 F8W7R4	KLF1 B9UZC7
12463	DBP Q10586	CNTN1 Q12860
12464	FAF1 B1ANM7	PPP1R21 Q6ZMI0
12465	ATP6 H9R9T3	ACCN3 A0A090N7X8
12466	PTPRE P23469	HLA-DPB1 A0A0A7C6G4
12467	USP25 H7C253	CYTB D3K5Y6
12468	ICA1L C9JEP0	COII C5H6L3
12469	HEL-S-43 V9HWH9	ATP6 A0A075C7X8
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12471	XIRP2 A4UGR9	KCND3 B7ZKV0
12472	ARPC2 H7C3F9	MYCBP2 O75592
12473	RNF130 E5RI87	SLTM H7BXE3
12474	KIF9 C9JWZ7	OBP2A Q9NY56
12475	ND4L A4ZN05	GALK1 E5LAN0
12476	ZFP28 A0JNV5	HRH3 Q8WY00
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12478	TUBB4A M0QZL7	SLC3A2 F5H056
12479	ATP6 D7P9M4	HLA-A B3V8R1
12480	COX6B2 Q6YFQ2	HLA-C C0KJW2
12481	ND3 H9E7C2	ETNK1 Q9HBU6
12482	HLA-C E0X9K6	MYH11 Q4G140
12483	DLK1 Q0H2C6	RPL37A M0R0A1
12484	CYP2C9 S5RG22	CTS2 Q9UBR2
12485	PIPOX K7EK30	ETNPPL Q8TBG4
12486	DSN1 Q5JW57	ND4 V9J548
12487	GFAP K7EJU1	HLA-DRB1 W1IA32
12488	DKFZp566L241 Q5JWW0	KNSTRN Q9Y448
12489	NUP85 Q9BW27	PLEKHM2 Q8IWE5
12490	VEGFR3 B5A927	ITGB3 I3L4X8
12491	CXCR6 A0N0N3	ADGRL1 K7ESH3
12492	HEPHL1 Q6MZM0	PCYOX1 Q584P1
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12506	PCDHGC3 A0A087X1P2	SLC39A13 E9PSA8
12507	ADSL B4DEP1	MAEL Q96JY0
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 12515 COX2|Q6RKW8 GOLGA2|Q08379
 12516 ACLY|Q4LE36 ART5|H7C1W0
 12517 TRIM46|Q7Z4K8 CENPW|Q5EE01
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 12520 MICB|Q0EFB4 RPS21|P63220
 12521 LIN9|Q6P142 HLA-DQB1|A0A0A7C8X2
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 12523 CHRM2|P08172 CYTB|D1G3Z1
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 12526 COX3|F2WFE8 KCNJ8|A0A024RAV6
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 12529 SCN2A2|D3DPB6 ND5|G9LE82
 12530 MC1R|V9QAE0 GGT1|P19440
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 12535 WDR49|E9PDB0 SUN3|Q8TAQ9
 12536 ESR1|B5TKC1 FBX021|H0YHF6
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 12540 PRPF19|Q9UMS4 STARD7|C9JTD3
 12541 CYP2B6|F2X1B0 COX1|V9PAX5
 12542 CEP192|K7ELX0 NADH4|Q4GG69
 12543 ADAMTSL1|F8WEP3 SGSH|P51688
 12544 HLA-G|B1P198 ND5|A0A097PXG7
 12545 SNRPE|P62304 TLR1|D6RAP2
 12546 HLA-B|I3UI66 AP4E1|H0YK95
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 12548 COL5A2|P05997 CYTB|U3LB05
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 12558 ATP6|A0A075C8F1 HLA-C|F2X648
 12559 SERPINB2|E9PDK7 ICA1L|C9JDM8
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 12563 TOP1MT|Q8TBP3 PPAPDC1B|Q8NEB5
 12564 DUS2|H3BMK6 CYTB|Q4F325
 12565 MANF|P55145 JAG2|Q9Y219
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 12567 HLA-C|I6NS62 ZADH2|Q8N4Q0
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12611	RPS15 K7EM56	HBG1 D3GKD8
12612	SLC11A2 B3KY44	COX2 A0A059RUZ1
12613	GCK M4Q009	FCH01 M0QXD1
12614	DCLK1 O15075	RALB F8WEQ6
12615	CENTG2 Q4ZG22	AKR1D1 C4PL36
12616	ZNF3 C9J5S8	RAD52 E9PF95
12617	MOB3A Q96BX8	CYTB J7HRB4
12618	PIGH B4DEE2	ATXN3 D3VVF9
12619	GATM H0YKW9	COL4A6 Q9UEH6
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12621	PAX6 B1B1I8	OR2AK2 Q8NG84
12622	BSND Q5VU50	DOCK9 H0Y3S1
12623	SLC16A14 Q7RTX9	CFTR A0A096ZUH4
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12625	CYTB V9J2T7	MT1G H3BSS0
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12629	CD48 P09326	CYTB R4I9E9
12630	NRBF2 Q96F24	ND4 D2K1N4
12631	PPP1R14D E9PAT1	PSMC5 J3QSA9
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12634	TP53INP2 Q8IXH6	HHEX F8VU08
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12636	ND5 H9MN27	HLA-C L0BXM5
12637	UGT1A5 Q5QTE5	SNN O75324
12638	BAX I6LPK7	RADIL Q96JH8
12639	ZNF83 P51522	soxB Q15505
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12643	ECI1 H3BS70	FGF11 I3L4N4
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 12656 STX4|C9JFM5 RABEP1|I3L2B8
 12657 RNF141|E9PLX2 HMGNI|F2Z2Y5
 12658 POLB|E5RIJ0 OLFM4|A0A024QZ95
 12659 NAT10|E9PMU0 HLA-C|G1ENW4
 12660 CECR1|B4E3Q4 MTG2|Q5JXJ0
 12661 ZDHHC23|B3KXV3 CDSN|Q7Z560
 12662 ND1|Q5Q736 pp11741|Q8WYX3
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 12664 NEDD9|Q14511 ZNF423|Q2M1K9
 12665 ND4L|A0A059R1W7 ZNF106|H3BNJ4
 12666 CYTB|X5DCG9 CYTB|Q4F4I2
 12667 LPXN|B7Z5P7 WDR45|C9J7Q8
 12668 ATP6|H9T6E2 FLNA|Q60FE5
 12669 SLC7A8|H0Y2X7 TRNP1|Q6NT89
 12670 ARL16|Q0P5N6 PIP4K2C|Q8TBX8
 12671 BCAP31|C9JSP1 GalNAc-T17|Q58A53
 12672 ND2|Q7YCF2 HLA-C|M9P9R3
 12673 CYTB|V9J0T0 MTHFD1|V9GYY3
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 12680 LYPLA2|Q5QPN9 NDUFV1|E5KNH5
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 12682 RBM38|E9PSF1 AQP2|Q6FGT3
 12683 CCHCR1|D6R9W9 HLA-C|A0A0A7C6B9
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 12686 ND5|Q7YCF6 ATP8|Q4F196
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 12688 ABCG8|Q9H221 SOS1|Q53SF8
 12689 LIMS2|Q7Z4I7 ADGRG3|F8W8F7
 12690 ANK3|A0A087WWI5 EIF3E|P60228
 12691 ND5|H9RY26 ABAT|H3BRJ1
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 12693 TOM1|Q6UW50 CYTB|V9IZ98
 12694 RHCE|G0TQY4 ZBTB4|Q9P1Z0
 12695 PICALM|E9PLJ8 CYTB|A0A0A0PNH7
 12696 COX1|A0A059QIM3 ARHGAP33|K7EMC2
 12697 STAT2|R9QDW3 ND4|D2KR58
 12698 CYTB|Q7YCF5 ND2|H9SJA3
 12699 HLA-E|Q2L6I5 ZNF174|Q15697
 12700 MOK|Q9UQ07 CDIP1|Q9H305
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12725	MUSTN1 Q8IVN3	WT1 A0FJ57
12726	DKFZp779D0769 Q5HY93	CLEC1A Q8NC01
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12730	STAC2 D0IN09	PLCB4 Q15147
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12738	SYNE1 F5H422	HLA-C D7NQY7
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12745	NRP2 B7ZL68	ND5 F2WF35
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12749	PSD3 B4DKF8	C2orf88 Q9BSF0
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12756	ASTE1 Q2TB18	UNC45A Q9H3U1
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12760	RASGRP2 E7EM78	HLA-C V5L5N1
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 12787 CDK5R1|Q8N619 LSM5|Q9Y4Y9
 12788 TTLL3|Q9Y4R7 ATP6|H9LLP7
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 12818 HLA-C|G1EQE6 PPOX|F5GZT7
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 12830 RBMXL2|O75526 HLA-B|D3U3M0
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12866	PPM1K V9GYZ5	HLA-DQB1 E7BCL4
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12870	PDE4D D6RHE0	HLA-A D5FHM5
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13019	KCNAB3 O43448	IFNA1 P01562
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13023	GPS1 J3KRJ4	CYTB Q7YCC9
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 13212 TLR1|D1CS35 RAP1B|P61224
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 13367 SPRED3|K7EPU5 ACTR6|F8VRL1
 13368 HLA-A|A0A0A7C8K7 HLA-C|F1AQQ8
 13369 CPSF7|F5H669 TK1|A0A024R8N6
 13370 MARK4|K7EK17 VEZT|F8W0S0
 13371 SVOP|Q8N4V2 VAC14|Q08AM6
 13372 SHPRH|K4DI94 PREB|Q9HCU5
 13373 TNIP3|Q96KP6 CXADR|P78310
 13374 HLA-B|D3U3K2 VDR|F8VPF8
 13375 ND3|E9LAD9 CHMP6|I3L4G8
 13376 ERCC5|P28715 DLX2|X5D7D8
 13377 HLA-B|H6V7R6 CYB561A3|F5H0P5
 13378 NAT2|A4Z6T9 HLA-C|L0RH27
 13379 ND5|Q7YEF2 ACTN2|P35609
 13380 TRPC6|Q9Y210 LOXL2|W8QRJ0
 13381 DDAH1|O94760 CFTR|Q6KEG3
 13382 NOVA1|I3L2B5 SLC8B1|F8VR99
 13383 MED15|Q96RN5 OSR2|E5RGY8
 13384 TGIF1|F8VVS9 WFD3|Q8IUB2
 13385 DKFZp686H1931|Q68DP1 CYTB|T1SWF3
 13386 DEPDC4|E9PGM3 HLA-C|E0WN41
 13387 ITIH4|B2RMS9 UGT1A5|Q5QTE0
 13388 ARHGAP22|A6NJ38 PPP2R5E|Q86XZ2
 13389 ARNT|A6NGV6 H_YH98E06.1|Q71UM3
 13390 ND1|C5MN97 TUBGCP5|A0A087X1Z1
 13391 KLF12|Q9Y4X4 GGT1|Q6NZY2
 13392 ACKR2|V9GYM0 RASSF1|Q1W2K8
 13393 KRT8|F8VP67 PDLIM3|A0A0A0MQY0
 13394 ADH6|P28332 PKM|H3BUW1
 13395 DKFZp686L0869|Q7Z3U5 CYTB|J9V3D9
 13396 PTRHD1|Q6GMV3 GLIS3|Q1PHI2

13397 DIP2B|Q96IB4 OTUD4|Q01804
 13398 HLA-A|D7NNR3 UTY|A0A087X0Y2
 13399 DNAH9|J3QQK8 ABCC5|O15440
 13400 SSH2|Q76I76 DUX4|E0Z3E8
 13401 PMS1|B7ZAA0 COX1|A0A059QJ43
 13402 HLA-G|J3JRT1 DNM1L|O00429
 13403 HLA-B|C0SVZ4 SECTM1|J3KTR4
 13404 CA13|Q8N1Q1 TFF3|Q07654
 13405 PTP4A2|Q12974 ZNF584|Q8WVQ2
 13406 OR1L8|Q8NGR8 HLA-DQB1|V5J9Z0
 13407 COX3|B2XNX9 NADH2|Q4GUY7
 13408 FOLR1|P15328 GLIPR1L1|Q6UWM5
 13409 ACE|J3QLR4 cfr|J7GP68
 13410 HLA-C|A0A0A7C9A6 DEF8|Q6ZN54
 13411 OBSCN|A9NIU4 ATP6|H9NRA4
 13412 DKC1|H7C0M1 AHRR|E5RGQ2
 13413 TNFRSF1A|F5H8A6 C1QL4|Q86Z23
 13414 BRI3|O95415 PSMB6|A0A087X2I4
 13415 CSF3|Q8N4W3 MFSD2B|A6NFX1
 13416 HCP1|A0A024QZ15 HLA-C|E2GJH0
 13417 HLA-C|W1I435 KSR2|E9PB13
 13418 HLA-B|A0A0A7C7C1 SLC17A1|Q96PF5
 13419 TNFRSF10B|Q6FH58 HLA-DPB1|A0A0A7C5C9
 13420 BRSK1|K7EN26 SLC4A7|E9PFN4
 13421 ATPase|Q4GPF9 PITX1|D6R9U1
 13422 HLA-C|V5L5P4 MT2A|P02795
 13423 PENK|Q3B7B1 ND4|H9R171
 13424 ND4|A8JMY0 ND5|L7XCA5
 13425 RPS6KA1|E9PMM7 ZNF236|Q9UL36
 13426 SP110|G5E9C0 NEUROD1|E0X9P1
 13427 KIAA0600|Q5W9G6 DCTN1|C9JTE5
 13428 CAMP|P49913 HCR|A9XAI9
 13429 MCF2|Q5JYJ5 MFSD2B|A6NFX1
 13430 TGIF2-C20orf24|A0A0A6YYL0 HNRPK|A0A024R228
 13431 SCUBE1|A0A087X285 DCN|F8VU58
 13432 DAZ2|E7ENA6 SUSD5|O60279
 13433 PRKCE|L7RTI5 TPH1|B3VRZ5
 13434 SLC34A2|A0A0B5E3E9 SLC26A10|E9PIH7
 13435 ND1|A0A059QJ34 PPP1CA|P62136
 13436 CYP21B|Q7KZ07 MTMR7|E5RK11
 13437 PROS1|Q06F35 ND1|A0A059QSN6
 13438 MAN2C1|A0A0C4DGU9 FRAP1|Q96QW8
 13439 HLA-C|F8SKZ5 cytb|B1W9N4
 13440 HLA-C|J9PVD1 ASS|Q8NFZ7
 13441 GTPBP10|C9JEQ8 R3HCC1L|Q7Z5L2
 13442 ZNF630|F8WCH7 METTL2B|Q6P1Q9
 13443 TUBGCP6|B2RWN4 HLA-C|D7NP21
 13444 CARD14|I3L1Z7 ND5|A0A059S9U8
 13445 HLA-A|M1FYE6 C9orf41|Q8N4J0
 13446 UMOD|P07911 SLC38A7|Q9NVC3
 13447 SERINC3|Q13530 ZNF71|Q9NQZ8
 13448 CX3CR1|C9JN40 NDUFS2|Q9HC12
 13449 GPX2|G3V323 ST3GAL1|E5RGL4
 13450 ZNF569|K7ELU1 KNOP1|Q1ED39
 13451 HLA-DR15|D7NR21 CGA|Q96QJ4
 13452 HLA-C|F6KS16 HOXA-9|O75806
 13453 ZDHHC14|Q8IZN3 ND1|H9RQU8
 13454 CPSF2|G3V3T7 ZFYVE16|Q7Z3T8
 13455 HLA-A|D6MJF7 GLCE|H0YNP1
 13456 SLC01B1|K4P1Y1 HSBP1|O75506
 13457 MLL/AF4|G1FDV2 ZDHHC19|Q8WVZ1
 13458 HLA-C|G9HW97 CYP21A2|Q1H8Y4
 13459 NDN|X5D2Y6 RPS8|P62241
 13460 CASP8|H7C0E2 CYTB|Q4EZ08
 13461 CYTB|A0A097KTX2 ATP6|U3LRA8
 13462 AKR1C3|S4R3D5 DPYSL2|Q16555
 13463 SLC4A5|C9JW32 UGT1A3|Q75XT5
 13464 ATP6|H9MSB7 ND5|Q7Y6Z2

13465 CYP3A7|P24462 TRIT1|Q3T7C3
 13466 PMPCB|G3V0E4 COIII|Q4GBF8
 13467 FUT1|Q4JGW8 POLR2B|C9J4M6
 13468 MAPT|P10636 LGSN|Q5TDP6
 13469 ZNF461|A0A087WVP9 SIRT1|B0QZ35
 13470 UQCRB|B7Z2R2 VEGFB|P49765
 13471 ATP6|H9QTU3 RER1|Q5T094
 13472 SLC14A1|G3K398 ATXN3|D3VVT0
 13473 RPRD1A|Q96P16 SLC4A7|Q9Y6M7
 13474 RPS15|S4R456 RHD|Q1KT12
 13475 ATXN3|D3VVN8 CHRAC1|Q9NRG0
 13476 USP42|A4D2N6 MYL6|P60660
 13477 DDX4|H0Y960 COX2|G5D8C8
 13478 C1QB|A0A024RAB9 ZMYM3|Q14202
 13479 OXCT1|A0A024R040 PPP3CC|H0YB02
 13480 ND2|X2C0V0 AHRR|A9YTQ3
 13481 HADHB|P55084 ND4|Q7YCF7
 13482 MBOAT1|Q6ZNC8 HLA-C|G1ENT8
 13483 ND2|Q305W5 EYA1|A6NCB9
 13484 POU5F1|B5B8P6 CAT|P04040
 13485 PPBP|P02775 CYTB|H9SYU7
 13486 RPL3L|Q92901 APOL1|U5LKG0
 13487 EIF3C|B4DDN4 HLA-DPB1|A0A0A7C745
 13488 EXT2|D3DR24 TULP1|F1T0I9
 13489 PKMYT1|Q0IJ49 SARM1|Q6SZW1
 13490 CYTB|A0A097KTX6 ZAP70|P43403
 13491 PGLYRP3|Q96LB9 CCR5|H9MHP6
 13492 MRAS|O14807 INO80|Q9ULG1
 13493 RMDN2|Q96LZ7 PRDM8|A0A024RDC4
 13494 HLA-C|A0A0A7C9Q4 GPC1|P35052
 13495 WASH|A9QQ19 PITPNM3|A1A5C9
 13496 GBP2|P32456 PRICKLE3|H0Y413
 13497 NBR1|Q14596 CYTB|V5JMY6
 13498 ABCB11|Q53S60 GSTO1|Q5TA02
 13499 KEL|U5XI03 HLA-A|C5IZS0
 13500 NRG3|P56975 TM7SF2|E9PRQ1
 13501 OR8H2|Q8N162 HLA-C|K7P5L9
 13502 SIAH1|Q8IUQ4 PIK3R3|F6TDL0
 13503 PSMA4|H0YMV3 ARPC2|Q53R19
 13504 HLA-DRB1|A7UHG1 HP|Q14552
 13505 GTF2H3|Q13889 ODZ3|G3CAT0
 13506 MGAT5B|H3BQ65 TBX20|C1INI2
 13507 ZNF181|F8W889 CCDC12|Q8WUD4
 13508 ENDOV|I3L1V3 HLA-Cw|Q860R8
 13509 RHD|D2CRH0 cytb|Q4GP48
 13510 YRDC|Q86U90 GPX6|P59796
 13511 KLRB1|Q12918 FOPNL|I3L2N4
 13512 DDIT3|Q53YD1 WASF1|Q92558
 13513 RICTOR|Q6R327 ND5|A0A059RS22
 13514 R3HDM|Q53SQ1 HCA64|Q9NYD2
 13515 VCAM1|F8UU18 ST1A5|Q1ET63
 13516 HCRTR2|S4WX84 DMRTA2|B9EG80
 13517 DLAT|A0A024R3D8 AKAP5|Q6PG46
 13518 DMD|E7EQS5 PPARGC1B|Q8TAL0
 13519 CYTB|H9RQ96 HLA-C|F2VYL0
 13520 ANGPTL3|Q9Y5C1 C17orf70|A0A024R8W1
 13521 DNPEP|C9J1E2 AR|P10275
 13522 CCNB1IP1|Q9NPC3 MMP23B|H0Y6I4
 13523 hCG_1983020|A0A024R5S3 SLC7A6|H3BSB6
 13524 NADH3|B9ECT3 KCNN2|D6RGY7
 13525 KLK12|Q9UKR0 S100A10|D3DV26
 13526 MYO3A|F5H0U9 MVK|A0A0B4J236
 13527 KIF13A|H0Y307 ZFH2|B7ZM83
 13528 RNF185|Q96GF1 SPPL2A|H0YNA7
 13529 GGCT|A0A0B4J1Y4 C11orf65|Q8NCR3
 13530 HLA-C|S5DU09 GH1|B1A4G9
 13531 SDHA|D6RFM5 HLA-C|P10321
 13532 PPP4R1|J3KRU1 SAP25|Q8TEE9

13533 TBX1|D9ZGG0 VNN2|J3QT03
 13534 HLA-DQB1|A0A0A7C8Z1 PACSIN3|E9PNM9
 13535 HLA-C|C5IZX9 DUOXA1|H0YNR1
 13536 SERHL|Q9NQF3 ND5|A0A023I7R3
 13537 ND6|A6YXL7 HLA-C|C9WER5
 13538 ATP6|A0SB36 TRIM7|Q9C029
 13539 CLNK|Q7Z7G1 CYTB|E3T7L3
 13540 CCDC103|Q8IW40 SLC14A1|H8ZQ04
 13541 ANAPC4|D6RAP6 ZSCAN18|Q8TBC5
 13542 SCRNB3|F8W0M9 PENK|E5RFR1
 13543 CYTB|A0A059QD44 ND4|A0A059QQ89
 13544 CCDC88B|A6NC98 HLA-B|A0A0A7C4F4
 13545 CENTA2|Q2V6Q1 PSMC3|P17980
 13546 FLJ00017|Q9H7Q0 MRPL19|S4R3W9
 13547 DKFZp686M19106|Q5H9P4 DNAH10|Q8IVF4
 13548 CCRL2|O00421 OXTR|A0T1J2
 13549 GOLGA4|H0Y6I0 ATP8|Q5S8W6
 13550 DNAH11|O43352 RBPJ|D6R9K5
 13551 NCAM2|D3DSC5 HLA-B|D3G9J4
 13552 NF2|P35240 CYTB|A0A075X775
 13553 RAB3GAP2|H7C4Y9 POU2F2|A0A024R0L3
 13554 ENAM|Q9NRM1 PAGE5|Q96GU1
 13555 WARS|G3V5W1 PERB11.1|Q9UMF1
 13556 RHD|K4RNV5 ND4|V9N9T2
 13557 ZNF404|A0A087WSV7 PCDH9|A7E2D9
 13558 UPF3A|A0A024RE10 GRPR|X5D7H2
 13559 TTYH1|F8WBE6 TRIM2|Q9C040
 13560 CCND2|H0YGD4 NAP1L4|A0A024RCC9
 13561 APOC2|A0A024R0T9 TNFAIP8L3|Q5GJ75
 13562 TXNL4A|O14835 GPR161|Q8N6U8
 13563 ZNF205|C9JEY6 ADGRL2|B1ALU1
 13564 topIIB|Q6LBI8 ARAP3|Q8WWN8
 13565 HLA-B|C9E856 USP45|D6RBV3
 13566 DDX60L|Q5H9U9 HLA-C|V5J9Y7
 13567 HLA-DPB1|T2KSN6 UBE2E3|Q969T4
 13568 ALPK1|B3KUH8 PIG45|Q2TU78
 13569 STARD7|C9JTD3 HLA-C|E2GJH3
 13570 CAMK2B|E7ERS6 AGR2|O95994
 13571 HLA-B|D3U495 ABRA|Q8N0Z2
 13572 SRM|P19623 PSTPIP1|O43586
 13573 DKFZp686N0561|Q5CZH6 SNRPD3|H3BT13
 13574 SLC6A3|Q01959 WEE1|H0YEJ2
 13575 ROD1|A0A024R163 PIKFYVE|Q9Y2I7
 13576 NOL3|O60936 PHACTR1|H0Y3U1
 13577 BRD4|O60885 TBC1D22A|Q8WUA7
 13578 CCR5|A0A089H953 TNPO2|K7ENW1
 13579 COX7A2|Q496I0 OVCH1|Q7RTY7
 13580 BOK|Q53QM7 PSMG4|D6REN3
 13581 ARF3|A0A024R0Y6 arachidonate|Q16120
 13582 KTN1|A0A024R663 ZFP1|J3KNQ1
 13583 DNASE1L1|A6QRJ0 HLA-C|G9I2M4
 13584 CIDEA|Q8N5P9 SPCS2|Q15005
 13585 TIA1|E5RG67 RNASEK-C17orf49|H0YIS7
 13586 VILL|E9PFV5 DNAJA3|Q53G26
 13587 CBLN2|Q8IU8 CAPN9|O14815
 13588 DMBX1|Q8NFW5 H2AFV|Q71UI9
 13589 ENO2|Q6FHV6 PNLIPRP1|E9PR20
 13590 GPX4|K7EJ20 VBP1|D3DWY7
 13591 HFM1|A2PYH4 VEGFB|Q7LAP4
 13592 RAPGEF2|H0Y8N8 UTY|F4MH93
 13593 FOXD1|Q16676 CPT1C|M0R115
 13594 BRINP1|O60477 BCR/ABL|A9UEZ5
 13595 AR|Q13771 ND5|A6YXC5
 13596 MARCH10|Q8NA82 PYGB|P11216
 13597 CCR5|J7HJP1 ARMC10|Q8N2F6
 13598 SMARCB1|Q12824 ARHGEF9|A0A096LNQ4
 13599 GTBP|Q1L838 GPR149|Q86SP6
 13600 AACS|Q86V21 ZNF345|K7EKZ8

13601 ZNF846|K7ELQ5 ACP1|P24666
13602 TUBB2B|A0A024QZU2 HLA-DQB1|A2VCT9
13603 ATP6|D6N474 SBF2|Q86WG5
13604 HLA-C|U5YD57 IL36A|Q9UHA7
13605 GRN|P28799 G2E3|F5GX24
13606 CLIC5|Q49AE1 SCUBE2|A0A0A0MTC8
13607 IRF3|M0QYX3 MAN1C1|A0A087WZ31
13608 ATPAF2|Q8N5M1 B3GALNT1|E7EVS2
13609 HLA-B|I6RCX9 HLA-DPB1|E9NVG1
13610 DKFZp686F18120|Q68DZ9 HLA-A|A0A0A7C421
13611 HLA-C|A0A0A7C5D5 DNASE1L3|C9J0L2
13612 VDR|P11473 UTY|F4MHR0
13613 RHCE|A0A0B5JG23 NT5C3A|B9A035
13614 PGBD1|Q96JS3 UBAP2L|Q14157
13615 F2|Q8TD58 RERE|A0A024R4E9
13616 CYTB|A0A0A0PW35 HLA-A|D3U767
13617 DYNLL1|F8VXL2 APOA5|B0YIW1
13618 MAP4K1|K7ERT2 HLA-C|F4YZV3
13619 CP|H7C5N5 HSPA9|D6RJI2
13620 ND4|A0A096WW63 SLC27A6|Q9Y2P4
13621 TBL3|J3KNP2 LAMB2|A0A024R319
13622 NAA11|Q9BSU3 ZNF530|Q6P9A1
13623 ZNF461|A0A087WVP9 SLC34A2/ROS1|A9YLN6
13624 ZNF226|A0A024R0P4 HLA-A|X2KUQ3
13625 DIS3L|Q8TF46 RPL36A-HNRNPH2|H7BZ11
13626 COX3|E9LB22 OGFOD1|Q8N543
13627 CHCHD3|Q9NX63 LZTS2|B1AL12
13628 LHCGR|P22888 HLA-A|A0A0A7C6Z7
13629 RAB39A|Q14964 COX3|A0A059RLQ9
13630 HLA-A|A2Q117 HLA-DPB1|A0A0A7C5G2
13631 CRYZL1|C9JAL0 RHD|Q333X4
13632 GTF3C2|Q8WUA4 CLIC4|Q6FIC5
13633 HLA-DQB1|N0AA53 KCNMA1|H0Y406
13634 HELT|A0A087WSW0 ZNF264|M0R146
13635 BAHCC1|A0A075B747 ASCL2|Q99929
13636 ZSCAN21|C9JHD9 GTF3A|H7BZH7
13637 SLC14A2|Q8TEC4 COX7A1|Q6FGI7
13638 EIF1AD|E9PLI6 ALPL|G8I0M6
13639 DHRS4L2|Q6PKH6 FTSJ1|B3KN91
13640 ENTPD8|Q5MY95 SLC8A3|F2Z391
13641 PSMD14|O00487 CNOT8|E5RHP3
13642 DDR2|A0A024R906 RFX3|P48380
13643 ND6|X2CLX6 ZNF624|J3QKY7
13644 ZNF844|F8VS19 ATPase|Q4G8Y8
13645 PAX6|B1B1I8 ABCG5|E5RFY8
13646 E4F1|H3BUJ7 DPF2|Q92785
13647 HLA-A|F6IQY5 P2RY1|P47900
13648 RHCE|K0A0R1 BCL2A1|Q16548
13649 DNAI1|Q9UI46 ASH1L|H0YI82
13650 DIO2|A0A024R6J8 KCTD3|Q9Y597
13651 NAPSA|M0QXC5 DEDD2|M0QXK7
13652 CYTB|F2WFF4 MDFI|A0A024RCY2
13653 UNG|P13051 COX3|H9E7U0
13654 AGAP1|C9J8Z2 HLA-C|H9C5I9
13655 IL23R|Q5VWK5 ATXN3|D3VVL3
13656 FBX03|Q9UK99 SLC11A2|F8VWB0
13657 PDLIM5|Q96HC4 ND2|A0S231
13658 DBX2|Q6ZNG2 CHD9|B7ZML1
13659 TXNRD1|A0A0B4J225 COX3|Q4F0T8
13660 NR1H3|E9PLL4 GPR4|P46093
13661 SMN2|I2E4S7 APBA2|H0YL28
13662 ALK|D1MAM2 RBP5|F5H2Q2
13663 PC|E9PS68 ND6|A0A059QLG0
13664 CDH13|F5H7W7 TCP10L|Q8TDR4
13665 PIRT|P0C851 COX3|B2Z5S5
13666 EXOC2|A0A024QZT2 ESR1|B5TZ77
13667 OR4S1|Q8NGB4 NSL1|Q96IY1
13668 PHLDA1|Q8WV24 NAT16|C9JB11

13669 IMPDH|B3KRZ3 SPHK1|Q9BTG7
 13670 CYP2D6|D5KN50 XAGE3|Q8WTP9
 13671 CYP26C1|A0A096LNL5 ARID1A|Q4LE49
 13672 ABCA7|A0A087WUR5 GSTM4|A0A0A0MR85
 13673 MAX|P61244 RHCE|B3CL47
 13674 HLA-C|F1CCK8 ULK1|O75385
 13675 ANKHD1|H0Y4P6 CRSP8|A0A024R8B7
 13676 CMKLR1|F8VSC8 ZNF559|A0A0A0MTT2
 13677 LOXL2|E5RHH3 ND4|H9MW73
 13678 LRP8|Q14114 ND5|D6N5T8
 13679 HLA-C|Q9GJ39 COPZ2|J3QQQ5
 13680 FOXE3|A0A0B5IYA5 TIMMDC1|Q9NPL8
 13681 HLA-C|D7NP01 ZRANB3|F8WCT9
 13682 LEP|D3HIE0 ADAMTS9|H0Y859
 13683 CYP21A2|E9M5C9 OR9Q2|B9EIK5
 13684 ATP6|A6Z2Z4 ATP8|U5YV54
 13685 ZNF540|K7EK80 NHP2|Q9NX24
 13686 PRKACB|A0A0A0MS54 KLK7|A0A024R4H6
 13687 HLA-C|A0A0A7C507 TAS2R30|P59541
 13688 USB1|H3BTT8 MTHFD1L|Q4VXV2
 13689 HEL-S-305|V9HWF1 PLXNB2|A0PK02
 13690 CEP126|H0YF13 COX3|H9RMG7
 13691 OR10H5|Q8NGA6 SEC61B|S4R3B5
 13692 ND2|A0A059RBA8 LOC133308|A0A024RDJ7
 13693 SHC3|Q92529 XP01|C9IZS4
 13694 PPP1R3D|O95685 KIF9|C9JWZ7
 13695 MRPS34|P82930 ENOSF1|J3QSB6
 13696 AMPD1|Q6F4B8 MFN1|C9JXQ1
 13697 SEMA6D|Q8NFY4 LCA5|Q86VQ0
 13698 OPRM1|A0A089PQW6 ZSCAN5A|K7EQW6
 13699 GHR|A0A087X162 MPO|P05164
 13700 VEZT|F8W8C2 FOXL2|Q05CX9
 13701 ZWINT|A6NH27 PARP2|H0YH02
 13702 PPP2R1A|P30153 GREM1|O60565
 13703 PDCD6|A0A024QZ42 SAMD11|I7FV95
 13704 ZNF717|C9J5W8 METTL17|Q9H7H0
 13705 CPE|D6RF88 KCNJ5|A0A024R3K7
 13706 RCN2|A8MXP8 RNF170|E9PP55
 13707 EGLN2|A0A024R0R2 LHX6|A0A024R852
 13708 TROVE2|G5E9R9 OR4C5|Q8NGB2
 13709 SLC5A6|E7EP02 NUDT16L1|K7EIN2
 13710 RTN1|Q16799 CSRP2|A0A024RBB5
 13711 CYTB|X5C7Q1 PRCP|E9PNF7
 13712 hCG_2024989|A0A024R913 COX11|B4DI26
 13713 FKBP6|O75344 TFF1|P04155
 13714 SUV39H2|Q9H5I1 RNF122|Q9H9V4
 13715 SMG1|I3L144 ZNF808|Q8N4W9
 13716 TDG|F5H0I7 DDR1|Q08345
 13717 UGT1A1|Q9BX76 ROPN1L|Q96C74
 13718 FSHR|B6UV80 ACSM2A|I3L339
 13719 KLRF1|Q9NZS2 PITX3|O75364
 13720 HLA-C|A0A0A7C813 ND5|Q4F5R3
 13721 MET|A0A024R728 ND5|V5L865
 13722 hCG_2039447|A0A024R4Z4 CYTB|A0A0A0PZ59
 13723 ESX1|A6ZIU7 CPSF7|F5H669
 13724 SLC37A2|Q8TED4 SOCS4|Q8WXH5
 13725 ND1|R9Y2E6 MAPK10|A8MWW6
 13726 SLC25A43|Q8WUT9 PKHD1|P08F94
 13727 RHBDF1|F8WBS4 CLEC18C|Q8NCF0
 13728 DUOX2|X6RAN8 MBNL1|C9J4T8
 13729 SHC1|P29353 TTL6|D3DTW0
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 13731 C1orf33|A0A024RAE1 COX1|Q0Z7V8
 13732 MAP2K1|A4QPA9 CTSB|E9PKX0
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 13734 HSPB8|Q9UJY1 MRPS33|Q9Y291
 13735 MED19|A0JLT2 ATP6V1G2|H0Y474
 13736 HLA-DR|Q95385 TMEM161A|Q9NX61

13737 KCNE1|C7S316 WFIKKN1|Q96NZ8
 13738 ARCNI|E9PK34 CYTB|B2D597
 13739 GMNC|A6NCL1 DNAH8|H0Y7V4
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 13742 PSMG1|F8WBH7 HUWE1|Q7Z6Z7
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 13744 HLA-C|F4YU92 LUZP1|Q86V48
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 13746 TTC14|Q96N46 ODZ2|G3CAS7
 13747 HEL-S-296|V9HVV9 HLA-B|G1EMP0
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 13753 ZNF275|Q9NSD4 RHCE|K0A0Q6
 13754 MATR3|D6RBK5 NSDHL|Q15738
 13755 ND4|E5DYG1 JOSD2|Q7Z7N5
 13756 LAMA3|A0A0A6YYF2 ATP6|Q6VHW2
 13757 BPTF|A0A0A0MR81 WFDCC2|A8K2M3
 13758 RNF31|H0YM83 SPRYD7|Q5W111
 13759 P4HA1|P13674 FUT1|J9XSG7
 13760 IRAK1BP1|Q5VVH5 HLA-DPB1|A0A0A7C566
 13761 AGFG1|P52594 ATP5G3|P48201
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 13765 SERPINA4|P29622 ETV1|P50549
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 13770 BMP7|B1AKZ9 HLA-A|Q6IVJ5
 13771 PCLO|Q9Y6V0 HLA-A|I0BW36
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 13773 COMMD7|Q86VX2 ADAMTSL5|K7ELV0
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 13776 SEMA4F|A0A087WY7 FECH|P22830
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 13778 MUTYH|H0YCA8 HLA-B|Q70I17
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 13780 NBR1|Q3LRJ5 PTPA|A6PVN5
 13781 TCP1|F5H7Y1 NR1D1|P20393
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 13784 PXT1|Q8NFP0 GNAT2|A0A087WZE5
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13813	ATPase Q4G8X5	ND2 V9JQL9
13814	IL18 Q14116	NCOR1 A0A088AWL3
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13817	CYTB E9JXB5	CELF6 Q96J87
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13819	CYTB Q4VFF9	ATL1-alpha L8B7P7
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13821	HLA-B R4I4Z8	CYTB J7HWJ8
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13823	ND4 Q9B2W5	SSB E9PFL9
13824	HLA-C U5YD62	AURKC B4DXA6
13825	EGR4 Q05215	CYTB H9RHM0
13826	CCT6A A0A024RDL1	SHOX2 A0A087WVB7
13827	ND5 H6TWG9	LAS1L Q9Y4W2
13828	ND6 V9J6I9	DMBX1 Q8NFW5
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13830	LIN28A Q9H9Z2	CYTB A6Z1U8
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13832	TRAPPC3L Q5T215	CDC40 Q5SRN1
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13837	PLEKHH3 Q7Z736	TIAM2 H7C5V6
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13845	PHF1 A2AB22	PACIN2 B0QYG7
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13860	LRR1 Q96L50	HLA-A E2GJG4
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 13877 MYC|B3CJD7 DYNC1LI2|O43237
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 13895 HNRNPH1|E5RGH4 EIF2A|F8WAE5
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 13906 HLA-C|D3U742 CYTB|K9R3X6
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 13908 CTNND1|A0A024R4Z0 HLA-B|D9ZNA7
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 13916 RAB6B|Q9UL29 TMTC2|Q8N394
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 13918 CAMSAP1|Q5T5Y3 TRAPPC12|Q8WVT3
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 13921 RGL4|A0A087WWL2 PITX3|A0A0B5HP33
 13922 COX2|I6UIH6 ITGA3|K7EMU3
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 13924 CYTB|H9QIG0 NAGLU|P54802
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13978	PDE2A E9PEF1	DGKG P49619
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14084	ND5 F2YMB8	DTX2 C9JY61
14085	NPTX2 P47972	COX3 H9QQ96
14086	ATP8B4 H0YLJ1	TAF6 C9JH08
14087	HBB Q6VFO6	HLA-A I6NS19
14088	KIF3A C9J9X2	ND5 A0A059QH09
14089	RASD2 Q96D21	RPL5 B3KTM6
14090	MRPL13 Q9BYD1	ZNF638 C9JWN0
14091	ND4 H9R171	ND2 A0A059QQ67
14092	ZNF3 C9J5S8	CYTB T1Q6H3
14093	PLGRKT Q9HBL7	HLA-A D7NNN5
14094	TNFSF15 O95150	CDADC1 F2Z2J8
14095	MAP7D1 C9JIR3	PABPC1 H0YAP2
14096	NOS3 E7ESA7	ATP8A1 H0YAF4
14097	KLHL6 A0A0C4DGF2	CAV1 Q03135
14098	HLA-C A0A0A7C4M2	METTL17 G3V3X6
14099	COX1 E5DY11	ND5 I3Q2G2
14100	SLC02B1 O94956	ABCD4 A0A024R6B9
14101	MRPL19 H7C2J0	APOL1 U5LH96
14102	HLA-C A0A0A7C6W3	OSBP2 H7C368
14103	COX1 D9MZZ6	ELM02 Q5JVZ4
14104	CYP4A11 Q02928	PPP1R1B J3KSJ8
14105	NOVA1 J3KQU3	DCC H0Y2Q5
14106	ASAH1 B1B5S5	ADAMTSL2 Q86TH1
14107	HLA-C A0A0A7C987	ACTG1 P63261
14108	HLA-A U5YJJ6	TTPAL Q9BTX7
14109	HLA-C F6IQL1	SRSF5 B4DUA4
14110	MARK3 P27448	ZNF283 Q8N7M2
14111	HLA-DQ O19764	CDC25B Q7LDQ7
14112	HLA Q29923	ACP2 P11117
14113	HEL-S-296 V9HVV9	SLC24A5 H0YVLZ0
14114	CYTB A6YW38	PROX1 Q92786
14115	HNRPR Q0VGD6	PLD6 Q8N2A8
14116	CDKN2A A7LNE7	CYTB G4W1A3
14117	ZNF85 M0R120	MAGED1 A0A024R254
14118	LIFR P42702	MTRR D6RF21
14119	ERCC2 K7EKF3	ATP6 U3LCA2
14120	GPR63 Q9BZJ6	IGLC1 P0CG04
14121	SERPINA1 P01009	TXNDC12 O95881
14122	NID2 A0A087WZP6	JOSD1 B0QY57
14123	SHANK3 Q9BYB0	ERLIN2 E5RHW4
14124	HLA-C D6MLB3	MUT P22033
14125	KIF15 Q9NS87	SERPINH1 P50454
14126	SIDT1 Q9NXL6	ZNF324B Q6AW86
14127	HLA-A I3QHR1	HSD3B2 P26439
14128	USP17L23 D6RBM5	CYTB H9QPX2
14129	B9D1 Q9UPM9	EVI2A P22794
14130	DKFZp686H16106 Q6AI22	ICA1L C9J101
14131	HLA-C A0A060VG53	STX1B P61266
14132	MSH5 A0A024RCM1	IDH1 C9JLU6
14133	PARVB Q9HBI1	ELP3 B4DKA4
14134	HLA-A I0BW48	FARS2 Q5JRF7
14135	TLK2 J3KST4	MYC B3CJ89
14136	HLA-C I7APJ6	ORM1 P02763
14137	HNRNPH1 D6RDU3	WRN Q14191
14138	KRT2 P35908	PCDH15 B7ZBT8
14139	PSD3 E5RJ29	XPC D2CPK0
14140	CSH2 P0DML3	PDE4C Q9P1U3
14141	PARP6 A0PJ50	RYR1 P21817
14142	UGT1A4 B8K2F4	IREB2 H0YNL8
14143	ND2 X2C0J4	TSRM Q5XPU7
14144	BDH2 Q9BUT1	HLA-DQA1 Q67AI2

14145 ND5|H9M473 TUBGCP2|F2Z2B9
14146 FPGT-TNNI3K|V9GXZ4 PDE2A|E9PEF1
14147 UGT1A7|Q9HAW7 HLA-A|A0A0A7C8R7
14148 SELV|P59797 ATP6|H9P1N1
14149 TRP7|Q8WWL3 ACE|I3UJJ7
14150 HLA-A|Q6F3E3 HLA-A|A0A0A7C7E3
14151 COX3|F1B675 MSS51|Q4VC12
14152 MSX1|E9KXW0 ARHGAP33|A0A0A0MQQ9
14153 GGA2|H3BMM6 COX3|H9S0W7
14154 HLA-C|M9PAK7 HSP90AA1|G3V2J8
14155 ILF3|K7EM82 ND5|V9JLZ2
14156 ARFGAP2|E9PIY6 HLA-C|G1ENS6
14157 MTSS1|H0YBL3 ATP6|T1Q6J8
14158 NUF2|B1AQT4 CYTB|A0A0A0PVE0
14159 CYTB|E9LCM4 tec|Q14219
14160 SLC2A13|Q96QE2 PDE4C|O43849
14161 SLC25A22|K4DIB3 DHX8|Q86X36
14162 GUCY1A3|J3KPQ8 NTMT1|S4R344
14163 TBP|Q32MN6 COX3|V5LA48
14164 NFE2L1|A3KMG6 CTBS|Q01459
14165 TMEM68|E5RJN2 GHSR|A2T3X1
14166 HLA-A|A0A0A7C7C0 HLA-DR15|M9P8M8
14167 DUOX1|H0YK19 SLC4A5|Q53S35
14168 CREB3L4|Q5T4L2 HJURP|Q8NCD3
14169 INHBE|F8VNP4 TP53|K7PPA8
14170 ARHGAP20|Q9P2F6 P4HA2|C9JN43
14171 COX5A|Q71UP1 ESX1|A6ZIV0
14172 HLA-A|A0A0A7C861 ND6|G3M3S3
14173 FOXA3|A0A024R0R3 TRPM2|E9PGK7
14174 ATP6|I7D8P0 SFXN2|R4GMR9
14175 SERTAD1|Q9UHV2 VPS53|Q5VIR6
14176 CELF1|F5H4Y5 TUT1|F8WA97
14177 CDC25C|Q9H2F0 BAX|Q5ZPJ1
14178 HLA-C|F8SHX7 METAP2|G3V1U3
14179 PCDH15|A2A3E6 DKFZp686K14185|Q68DB5
14180 OR5M9|Q8NGP3 MUC6|E9PJC5
14181 SIX3|A0PJI2 HLA-C|I6NN20
14182 PRODH2|S4R3D8 TMEM17|Q86X19
14183 FAM134C|K7EQI9 C1orf50|Q9BV19
14184 BCL11B|D3YTK1 HKR1|Q7Z6E1
14185 ZNF30|V9GYJ2 MAP1B|Q86X89
14186 SPRED2|Q7Z698 GABRB2|P47870
14187 LRIG3(NM_153377)-ROS1|M1V487 HAS3|O00219
14188 SLC13A1|Q75MH3 RAP1GAP|F2Z357
14189 COL6A6|A6NMZ7 HLA-DQB1|A0A0A7C7I5
14190 TUT1|F5H0R1 NCOA2|Q569J4
14191 MYADM|Q96S97 FKBP5|Q2TA84
14192 HLA-DQB1|I4EPL2 DDAH1|O94760
14193 ND1|F6N708 TP53|L0ENG6
14194 MC1R|Q1JUM4 B4GALNT4|Q76KP1
14195 HLA-B|J7F577 HLA-A|F8RHD5
14196 ACTL6A|D3DNS0 HLA-C|G1ENQ1
14197 HLA-B|I2B2Y1 SLC44A2|Q8IWA5
14198 PTGIR|M0QZW0 PLXNB2|A6QRG9
14199 NXT2|Q9NPJ8 HLA-A|D7NPL2
14200 HLA-C|M9PAE2 ANKIB1|H7C2V2
14201 ND5|A0A023QE05 ZNF630|B2ZWH0
14202 PIGN|O95427 ND1|A1DVR3
14203 OR5M1|Q8NGP8 LVRN|A0A0A0MS63
14204 IHPK2|B2RCP4 PRPS1|P60891
14205 LRRC54|A0A024R5J8 ATP8|A4ZLL2
14206 COX1|A0A059RR08 KIFC3|A0A0C4DGM9
14207 UBE2L6|O14933 PJA1|A4FUA0
14208 DKFZp686J1732|Q63HN4 IL17B|Q6IAG3
14209 COI|Q4GR21 GPR15|P49685
14210 RNF213|Q63HN8 CPNE6|O95741
14211 ATP13A3|C9J7Z7 ZSCAN21|Q8N506
14212 SERPINB8|P50452 CNOT8|E5RJCS

14213 NMNAT3|D6RGH7 IRGQ|Q8WZA9
 14214 ZNF107|Q9UII5 ND1|Q6RR39
 14215 ND1|A4ZLF6 ND4|A0A059RI30
 14216 PRRG1|C9JNY5 AARSD1|K7N799
 14217 MTRF1|X6RFD4 TNXA|Q16473
 14218 PRPF40B|Q6NWX9 PRR5-ARHGAP8|H0Y9T8
 14219 HEL-S-92n|V9HWP0 CRMP1|Q14194
 14220 TAS2R42|Q7RTR8 LLPH|Q9BRT6
 14221 RPLP1|A0A024R608 PNMT|Q6FHD9
 14222 ADH4|H0Y9N0 SMC2|A0JLM9
 14223 TRIP10|M0R2H7 ADAMTS13|F6V803
 14224 SLC3A1|Q07837 TNP2|Q4VB56
 14225 SMARCE1|J3QKS7 ATP6|A1Z4L3
 14226 RABL3|F8WAX9 AP1G2|G3V532
 14227 FUT1|C0L7J0 GCLC|Q14TF0
 14228 cox2|X2D3Z7 POLE|Q96IE1
 14229 RAX|Q9Y2V3 U2AF1|Q7Z780
 14230 ND4|I3Q0R3 ZNF133|Q5JXW0
 14231 RBM17|Q5W012 SOD1|X5D5A9
 14232 DDR1|H0Y9F4 ILF3|Q12906
 14233 OSBPL7|Q9BZF2 FLI1|A0A024R3M5
 14234 KIF17|A0A0A0MRS8 PARL|Q9H300
 14235 RAB39B|Q96DA2 IL18RAP|O95256
 14236 HLA-B|F2X5T4 ND4|G5D8N8
 14237 PLCD3|Q8N3E9 ZNF250|E9PQX5
 14238 HLA-C|I7B2D0 SLC12A5|Q9H2X9
 14239 HIPK3|Q9H422 SHMT2|G3V3Y8
 14240 HLA-C|A0A0A7C4Y5 GPR179|Q6PRD1
 14241 EIF4E2|O60573 HLA-C|D7NP21
 14242 TBCCD1|Q9NVR7 CYTB|A1DV02
 14243 AMZ1|Q400G9 CCNI|Q14094
 14244 SEPT4|J3KSZ7 RHAG|Q02094
 14245 FY|Q8IWP5 NSFL1C|Q9UNZ2
 14246 CYTB|D5MAC9 EHD1|A0A024R571
 14247 HLA-DPB1|A0A0A7C9G4 SMAD1|D6RAY1
 14248 ATP6V1H|G3V126 SACM1L|Q9NTJ5
 14249 PROS1|Q8J010 MARK3|H0YKJ3
 14250 ATL2|H7C3A2 HLA-A|D6ML09
 14251 CDH2|A0A024RC42 NXPH1|P58417
 14252 COPB2|P35606 ND2|Q9B0T5
 14253 ELK1|A0A024R1A7 ZNF33A|A0A0A0MRS1
 14254 CCR5|B8LFP0 CYP2S1|M0R152
 14255 PGD|K7ELN9 CCDC68|Q9H2F9
 14256 IST1|H3BRE2 HLA-C|E0WBP8
 14257 GALR1|P47211 NR111|F1D8P8
 14258 ROD1|A0A024R163 CYTB|Q7YEF8
 14259 VDAC3|E5RJN6 NADSYN1|H0YQC6
 14260 ND6|B2D3W3 AGPAT4|G3XAF1
 14261 HLA-A|D6ML46 CLDN3|Q75L79
 14262 MUC4|E7EWN1 CLDN12|Q6FIF6
 14263 DKFZp564E242|Q659F9 DKFZp564G092|Q9Y4U2
 14264 HOXD1|Q96CA4 BMP2|C8C063
 14265 PYCR2|A0A087WX69 DENND1A|Q8TEH3
 14266 CO3|Q0VXC5 CDH17|Q12864
 14267 PHACTR1|Q4VY13 RAI1|Q7Z5J4
 14268 ERICH2|A1L162 ND1|A0A096WG04
 14269 HLA-DQB1|T1R3C9 PRKCSH|K7EIP3
 14270 HLA-A|E9LY00 CCR5|J7HJP8
 14271 PEX12|K7ELY8 CYTB|A0A023R1P6
 14272 ND5|Q06UH9 NEK3|P51956
 14273 EXOSC7|Q15024 FDPS|A0A087X090
 14274 ATP6V0B|E9PMR1 MAGEB6|Q8N7X4
 14275 HLA-C|I6M569 EIF5|Q05DF3
 14276 COX2|H9E7E4 CABP2|F1T0K2
 14277 MATR3|D6RBK5 ZNF418|M0R1R2
 14278 HLA-A|M9P999 STX1B|P61266
 14279 TRPV1|E7EQ78 URI1|O94763
 14280 DNTTIP2|Q5QJE6 POLR2E|B4DJ89

14281 ZIK1|F5H435 ZNF529|K7ELR0
 14282 HLA-A|G8FQ53 HLA-C|C0KJV6
 14283 SMCHD1|J3KTL8 COX1|A0A059RTC9
 14284 hCG_1994888|A0A024R156 CNGA1|A0A024R9X3
 14285 ALAS2|Q6QNT2 OR51I2|Q9H344
 14286 RNF157|Q9BTC5 ND6|H9SS69
 14287 VIP|P01282 PPP1R14A|A0A0B4J2A3
 14288 PIK3C2A|E9PPP3 GUCY1A3|Q02108
 14289 HYAL3|A0A024R2W8 L3MBTL1|Q9Y468
 14290 ICA1L|C9J1M7 MAP3K11|Q16584
 14291 FKBP7|F8WE12 ITPKB|P27987
 14292 ND2|A0A059T3A1 ZNF546|Q86UE3
 14293 HLA-DR15|I6M556 EIF2B4|H7C2L8
 14294 COX2|L7XQ86 MYEF2|A0A024R5Q6
 14295 ASXH1|Q76L82 MC4R|K4N7A9
 14296 HLA-DPB1|A0A0A7C9Z8 HLA-DRB1|D5FIE3
 14297 CPEB4|B7ZLQ8 PDGFRA|D6RIG5
 14298 IL1RL1|A8VPX0 TP53|U6BKV7
 14299 KIR1|V5QEK6 ITPK1|Q13572
 14300 UTY|F4MHN1 LIMK2|B5BU33
 14301 ZNF687|Q8N1G0 PP187|Q8WYH1
 14302 CKMT1B|C9JJX8 SOX5|P35711
 14303 ACSL5|Q9ULC5 LRR1|G3V5H2
 14304 FABP3|S4R3A2 CHMP7|Q8WUX9
 14305 KCNN3|A0A0A0MQW9 GPCR|Q76L88
 14306 CENPK|Q9BS16 OPN1SW|Q0PJU0
 14307 ABCF3|Q9NUQ8 HLA-C|C0KJY9
 14308 cytb|T2HNB6 HLA-B|H2DMK7
 14309 NLRP12|A0A0C4DFY3 DKFZp779F0871|Q7Z686
 14310 COQ7|Q49A71 SIPA1L3|B2RWP0
 14311 COA6|X6R5Z6 DARS|P14868
 14312 gpcr|Q05KQ8 LCE3D|Q9BYE3
 14313 ND5|L7XRG1 GPR75-ASB3|A0A0A6YF3
 14314 KRCC1|Q9NPI7 TP73|A0A024R4C3
 14315 DDHD2|E9PK57 CLEC2D|W8SJH0
 14316 GNAL|A8K1Y9 PRMT2|H7C2H9
 14317 FAM156B|A0A087X2H2 ATP5J|P18859
 14318 NEDD4L|A0A024R281 ACHE|C9JD78
 14319 LANCL1|Q53TN2 TP53|L0EQS1
 14320 MYC|B3CJ90 GPR55|C9J1P7
 14321 LOC203427|B3KRB9 DKFZp686L19178|Q6MZR8
 14322 HLA-A|D6ML55 HLA-DR15|F2VNV3
 14323 ANKDD1A|Q495B1 CASP8|H7C0E2
 14324 GFI1|Q99684 OPRK1|A0A087WU84
 14325 RAB41|Q5JT25 RNF14|D6RAS4
 14326 EIF4B|Q7Z5Y0 ZNF551|Q7Z340
 14327 OTUD7B|Q5SZ59 DRG2|J3QL90
 14328 ND6|E9JWL7 OXSR1|A0A024R2M7
 14329 TXN2|Q99757 CCR5|A0A089G3P4
 14330 DPYSL2|A9CQZ2 LXN|Q9BS40
 14331 VGLL4|G5E9M9 PNMT|J3QRI3
 14332 DOCK10|H0YFC5 ACSL1|B7Z3Z9
 14333 TIE1|P35590 ITGAD|Q13349
 14334 COX1|A0A059QKK3 OR5D18|Q8NGL1
 14335 ZFAND6|H3BMJ5 ABCC9|O60706
 14336 ANKRD40|Q6AI12 RNF31|H0YMG8
 14337 HLA-DPB1|D6CIB0 USP4|Q08AK7
 14338 CNN2|A0A087X1X5 PEX11A|O75192
 14339 COX3|U3LB43 TIGD3|Q6B0B8
 14340 RPL38|P63173 PPIL4|Q6P392
 14341 ERBB2|E2I6F8 NDUFA4L2|Q9NRX3
 14342 PPP1R1B|J3KSJ8 ROR2|A0A024R2A0
 14343 ITFG2|Q969R8 KRT25|Q7Z3Z0
 14344 KCNT1|C9JYL2 COX3|D7P661
 14345 INPP5K|Q9BT40 CPSF6|F8WJN3
 14346 ALD|Q6TGM1 ATP2A2|A0A0C4DH86
 14347 MECP2|B5MCB4 COX2|H9E7W2
 14348 GSTA2|P09210 CDK11A|Q5QPR3

14349 DKFZp586B2022|Q9Y423 CDC37|Q16543
 14350 TBP|Q7Z6S4 CYTB|C7SJV2
 14351 CENPO|Q9BU64 HLA-DRB1|D7GL10
 14352 IL17A|Q16552 BECN1|K7EKK2
 14353 IL7|Q5FBX5 hCG_1999854|D3DX33
 14354 CYTB|Q4F2U7 CLSTN3|Q9BQT9
 14355 GSTM3|A4UJ43 CSDA|A0A024RAQ1
 14356 ZNF45|A0A024R0Q1 ZNF544|M0QY11
 14357 NR1I3|Q6GZ72 ND2|V5JRL7
 14358 ND4|B2XIK4 ITGB2|E5RHT0
 14359 KIR3DL2|P43630 TP53|L0EP82
 14360 UGCGL2|Q05D90 DKFZp686N08224|Q6MZY5
 14361 WARS|G3V3R3 ADAMTSL4|Q6UY14
 14362 HLA-DPB1|A0A0A7C768 FHL3|Q13643
 14363 CYTB|A0A097Q3D6 TTLL7|Q6ZT98
 14364 COX1|A0A096WLG7 HFM1|B7ZM16
 14365 CYP4Z2P|Q8N1L4 SLC22A16|Q86VM1
 14366 DPP8|J3KPT0 ZNF543|Q08ER8
 14367 TASP1|Q9H6P5 BMP15|O95972
 14368 HELLS|Q9NRZ9 HLA-DQB1|M9XL21
 14369 ND5|R9YAG1 MREG|Q8N565
 14370 FGF23|Q7Z4T2 GRSF1|Q12849
 14371 BCR|Q6QJE5 ZNF7|P17097
 14372 COX2|A6ZEU4 HRH3|A0A087WZD3
 14373 ZNF788|Q6ZQV5 CYTB|X5BS38
 14374 FLJ13057|Q53SE7 DNAJC16|Q5TDH4
 14375 MAP1S|Q66K74 PADI4|Q6EVJ2
 14376 TROPH|D4YW74 HLA-B|H2BEA6
 14377 AMPD2|A0A024R098 HLA-C|M9P9L1
 14378 FSHR|B6UV80 CTNNA2|C9J144
 14379 TRAM2|Q15035 DHPS|Q5J8M5
 14380 CHD7|Q9P2D1 HLA-C|C0KJV2
 14381 CD74/ROS|A9YLN4 NR2E1|Q9Y466
 14382 HRASLS5|Q96KN8 SLC2A11|Q6PJ99
 14383 ND5|V9J1H0 CYP4F2|P78329
 14384 UTX|E1U0S7 GPX4|A0A087WT12
 14385 PITX3|A0A0B5HP44 COX1|A0A059QIL9
 14386 PUM1|E9PR38 PTGR1|F2Z3J9
 14387 ARL9|Q6T311 NOBOX|O60393
 14388 ND5|G9LMC9 ND1|A0A096WM16
 14389 FBXL5|Q9UKA1 SLC16A7|F8W1M4
 14390 COX1|Q6VLK7 ATP6|C8YFB3
 14391 DKFZp686F1345|Q5H9P1 IDH3A|H0YKD0
 14392 DAPP1|Q9UN19 ANO3|Q9BYT9
 14393 RH0J|G3V476 NR0B1|P51843
 14394 GPRASP1|Q5JY77 NUDCD1|Q96RS6
 14395 KRT85|P78386 HLA-C|G1EQL4
 14396 FLJ00186|Q8TEK8 DRG2|J3QL90
 14397 NCAM1|A0A087WWD4 DKFZp434E0418|Q9UF30
 14398 MSH2|V9H068 ND5|A0A0A7HII9
 14399 HLA-C|U5YBY0 B3GALNT2|A0A087WY64
 14400 PDE5A|G5E9C5 BCOR|Q6W2J9
 14401 SAMD11|I7G293 DOC2A|Q14183
 14402 VCAN|Q86W61 HLA-C|C6K4L4
 14403 RFPL2|Q6NSX6 ABCB4|A7J1Q8
 14404 DKFZp686E191|Q6AWB3 ND5|Q85KU7
 14405 UTY|F4MHE7 PPP2R5C|H0YJ75
 14406 RNF41|F8VVY2 KCND3|Q9UK17
 14407 LIMS1|F8WC86 ATP6|A1Z4E8
 14408 TFG/ALK|Q8TDJ5 IER2|Q9BTL4
 14409 REEP1|Q9H902 AC02|Q99798
 14410 M6PR|F5GX30 CYTB|Q2HJZ5
 14411 PLCL1|Q15111 NUFIP2|Q7Z417
 14412 DUSP16|Q8IVT8 ERP44|Q9BS26
 14413 ND3|I3Q3L2 SHC1|Q5T187
 14414 UBL7|Q96S82 SEPT6|Q14141
 14415 G3BP2|D6R9A4 PITPNA|I3L4C0
 14416 NEK11|Q8NG66 NR6A1|Q15406

14417	ZBTB43 Q5JU97	ALAS2 P22557
14418	SLC9C2 Q5TAH2	NTMT1 Q9BV86
14419	ND5 L7XHT9	RPL15 E7ERA2
14420	SIRT7 Q9NRC8	TREM2 Q5TCX1
14421	CLN3 Q13286	CHD5 F2Z2R5
14422	ICAM3 P32942	COX2 K7X9X2
14423	SLC1A3 A0A024R050	OGG1 H7C1D7
14424	KCNJ5 H9A8K9	HLA-DQB1 A0A077DBJ4
14425	OTOG H9KVB3	FBL M0R1H0
14426	ATP6 C7B3W8	UPF3B Q0VAK7
14427	HLA-C F8R1D0	ADIG A2A2E7
14428	SLC02B1 E9PN87	IPPK X6R9A6
14429	CYR61 Q6FI18	ATRN1 Q5VV63
14430	ESR1 B5TZ82	CRHR2 B3SXS9
14431	UTY F4MHR9	GRP Q5FBX9
14432	DOCK9 A6H8Z6	ACD R4GMR6
14433	SAA1 P0DJ18	CDK7 D6RI01
14434	CUL7 Q14999	MTRF1 A0A087WZ41
14435	IFITM2 Q6IBB0	USP35 E9PRM2
14436	COX3 H9RAK7	MRPS7 A0A024R8L0
14437	PARP8 Q8N3A8	ABCC10 H0Y904
14438	KATNB1 Q9BVA0	ND5 B8XZ47
14439	PPP2R2B D6RGF9	HLA-B G1EPV3
14440	SMPD1 G3V1E1	SLC7A7 G3V4Z6
14441	SCN5A Q8WTQ6	HLA-A W6RT42
14442	OSM B5MCX1	TSPAN2 O60636
14443	DPY19L1 Q2PZI1	SLC2A11-c Q8WYM3
14444	PRSS46 E5RG02	HLA-C I6NS64
14445	VEZT F8VS43	LONP1 B4DPX0
14446	HLA-Cw A7LH95	FGF13 B1AJW0
14447	PAGE2 Q7Z2X7	RFX2 K7ENC9
14448	POMC K7RME8	RPL23 B9ZVP7
14449	PTBP3 X6R242	FKBP1B F8W6G9
14450	HLA-A I0BW57	ZFAND2B A0A024R435
14451	TMBIM4 Q9HC24	HLA-C D6MLE7
14452	ND5 A0A023QVA6	CYTB I3Q1H6
14453	DOK3 Q7L591	CACNA2D3 Q8IZS8
14454	PIWIL1 Q96J94	SOX13 E9PPW0
14455	PAGE1 O75459	CD274 Q9NZQ7
14456	TRIM9 Q9C026	BMP3 D7NTK8
14457	MBTPS1 Q14703	NR3C1 F5ATB8
14458	MYC B3CJC6	PTPN6 Q53XS4
14459	ATF2 P15336	PRKAB1 F5H610
14460	ERCC5-201 A0A090HNM7	HLA-C G1ENL9
14461	ARHGAP45 F5H1R4	OR2AE1 Q8NHA4
14462	FTL B1Q3B3	HLA-B Q52QV7
14463	DOCK10 H0YFC5	KRTAP5-8 O75690
14464	COX3 X5CKC7	PRNP A2A2V1
14465	ZIM3 Q6NTE1	CROCC B1AKD8
14466	HAUS6 Q5SYF9	TAF8 Q7Z7C8
14467	AGAP3 H7C5G0	MYF5 P13349
14468	CYP17A1 Q1HB44	NSMCE1 H3BR73
14469	ND5 I6QHH7	MMP16 P51512
14470	HLA-DR15 D5FUG7	GDPGP1 Q6ZNW5
14471	ELF1 P32519	DCAF7 P61962
14472	COX3 A0A059QP15	MAN1C1 B1AJZ5
14473	CILP O75339	TUBGCP3 A0A087WZV5
14474	HLA-G Q68YR8	NES P48681
14475	OR2F2 B2RNC7	IREB2 D3DW85
14476	PCDHB6 Q9Y5E3	UCP2 P55851
14477	IL1RAPL2 A0A0A0MRB9	ELF1 P32519
14478	PTGES3L-AARSD1 H7C054	RIPK2 O43353
14479	LIPT2 A6NK58	GPR149 Q2MKA6
14480	CYTB E9LCM4	KRTAP10-5 P60370
14481	MKLN1 Q9UL63	ND5 C9D603
14482	hCG_27198 A0A024QZ63	ARHGAP4 H7C3K8
14483	KIF5C Q6PJC4	FAM134C K7ELM8
14484	PROS1 Q16441	HLA-C G1EQ66

14485 KIAA1109|Q2LD37 PUS7L|Q9H0K6
14486 SPHK1|K7EMA4 MPI|H3BPM5
14487 ZNF589|A0A024R2U0 GPR17|Q13304
14488 GREM2|Q9H772 CEP192|A0A0A0MR42
14489 CYTB|Q5SA37 RPL31|B8ZZK4
14490 SIK2|Q9H0K1 TDGF1|P13385
14491 COX2|Q0Z7K3 SLC20A2|E5RIX1
14492 HLA-C|G1EQ76 POLD3|E9PNC0
14493 CRB1|P82279 TIA1|E5RGV5
14494 B3GALT4|O96024 SPG7|A0A087X0F5
14495 TRAPPC3|A0A087WWM0 PRKCH|G3V5Y6
14496 hCG_2004507|A0A024R604 MED17|Q9NVC6
14497 FAF1|B1ANM7 NXF1|B4E227
14498 HLA-C|V5NSX3 CTFR|A4L9V0
14499 ZNF253|O75346 HLA-G|O78133
14500 CEND1|Q8N111 AP1S2|A6NH01
14501 HLA-C|D6MKX6 ANAPC11|J3QS46
14502 IGSF9|Q9P2J2 HLA-B|D3Y5Y4
14503 ULK4|A0A0C4DG77 HLTf|Q05DF7
14504 HLA-DQB1|M1GLR5 HLA-A|O46853
14505 C21orf58|Q0VAL7 PMP22|Q01453
14506 HLA-C|G1EQ78 DCBLD1|Q8N8Z6
14507 HLA-DPB1|T1R349 C6orf165|Q8IYR0
14508 CYTB|Q7YCG2 KCNK1|A0A024R3T2
14509 CALM/AF10|A0MWC9 NUP43|Q8NFH3
14510 LIX1L|Q8IVB5 KIF5B-RET(NM_020630)_K15;R12|M1VPF7
14511 ARHGEF18|Q6ZSZ5 GABRR1|P24046
14512 ZNF787|A0A087WUD1 RHD|Q86UI2
14513 BOLA1|Q9Y3E2 S100A11|P31949
14514 CRHR1|Q8WXR5 TFPI|C9JBB3
14515 STX10|K7EK75 ZNF771|Q7L3S4
14516 RPS15A|I3L3P7 KLF15|Q9UIH9
14517 CNOT7|E5RJE0 CA11|O75493
14518 PARP16|H3BV75 ND4|U5ZC24
14519 IL2RA|P01589 RAB8B|H0YNE9
14520 ND2|A6Z7V2 RAB30|E9PQ07
14521 CTNNA1|A0A087WZL6 SAA2|P0DJI9
14522 BRCA1|K7EPC7 OR2A5|B9EGX1
14523 DHX8|Q14562 HSPA8|E9PK54
14524 TOM1|B0QY01 RUNX2|I3L0L0
14525 DOCK5|H0Y7N4 GPR113|D6W540
14526 ND4|Q9T9Y1 STAT4|C9JFG0
14527 JMY|Q8N9B5 SMPD4|B1PBA3
14528 ND1|D6R7Z5 SPAG5|K7ELC8
14529 ATP6V1G1|O75348 CNOT4|A0A024R785
14530 ND1|Q5Q5I7 VSNL1|E9PE24
14531 RFC1|H0Y9P8 GORAB|Q5T7V8
14532 PSG1|P11464 ITGB3|Q1PBM2
14533 TOP1MT|E5RGE7 TLN2|H0YN01
14534 NMUR2|Q9GZQ4 ATP6|E5E094
14535 MDGA2|Q7Z553 MAP3K7|O43318
14536 ND2|A0S296 ND1|A0A059QKS9
14537 XRCC6BP1|Q9Y6H3 ND2|E5E1A4
14538 CUTA|C9IZG4 GATM|A0A024R5Q4
14539 MAF1|Q9H063 ND5|C7AB27
14540 DKFZp686G18222|Q7Z3W9 HGF|P14210
14541 HLA-DQB1|F8LFY5 GRIP1|F5H4N6
14542 GALK|C8CHJ6 KIF21A|H0YHG9
14543 C16orf62|Q7Z3J2 HLA-C|G1EMT0
14544 HLA-DQB1|W8ZBG5 HEXB|D6REQ8
14545 TUBB2A|A5D907 RHCE|J9ZZ22
14546 CYTB|A0A059QT07 FUS|H3BPE7
14547 ATP6|G9LFU9 MRPS12|O15235
14548 FLJ00395|Q6ZNI9 HLA-C|C8CHC1
14549 SOX6|E9PQ78 ND4L|A0A059QEH3
14550 SLC6A2|P23975 GLO1|X5DNM4
14551 KDELR3|O43731 USP17L3|A6NCW0
14552 TMEM37|Q8WXS4 CRADD|B5BU44

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 14554 ITGAL|P20701 HLA-DQB1|I4EPL5
 14555 GPR125|Q8IWK6 DNAJC3|A8KA82
 14556 CSF1|P09603 ZFAND2B|E7EV05
 14557 AK7|G3V365 DVL2|I3L2N2
 14558 CYTB|E2JKR7 ITPA|Q5NT82
 14559 RTCA|A6NIC1 NTRK2|Q8WXJ4
 14560 ND5|B7ZJ75 SEPT3|Q9UH03
 14561 ND2|Q305V2 KLK12|B9EGA9
 14562 MPLKIP|Q8TAP9 LGALS9C|J3QSH0
 14563 PDHX|E9PLU0 PAPP2|Q9BXP8
 14564 ZCWPW2|C9JFK0 MYSM1|Q5VVJ2
 14565 DHRS7B|A0A0C4DGQ8 HLA-B|Q70I17
 14566 NGB|A0M8W9 FEV|Q99581
 14567 ZNF668|A0A024QZD9 GLDN|A0A087X220
 14568 HBD|D1MGP8 UGT1A1|W6JIA6
 14569 UGT1A7|Q96PP1 RAB34|Q6NXT3
 14570 HLA-C|A0A0A7C523 HLA-DQB1|I4EPK4
 14571 ND5|A4ZLB4 ATP1A1|Q5TC01
 14572 KIF9|B4DZK5 SRI|P30626
 14573 ACSM3|H3BUF2 RGL4|Q495L7
 14574 HLA-C|E0X9M0 MTX1|Q13505
 14575 AIP|C0JXB8 HLA-C|G1EQ39
 14576 EIF3L|Q9Y262 GPCR|Q8TDT4
 14577 ENO3|K7EKN2 SETD2|Q9BYW2
 14578 IFNG|A8YQE4 DOCK5|H0YB14
 14579 UBA1|Q5JRS3 ND5|Q4E2S0
 14580 MEIS2|A0A024R9I7 TBLR1-RARA|A0A068L529
 14581 CYTB|E5FFF1 DCAF12|Q5T6F0
 14582 HLA-B|D3U3K2 c-erbB-3|O75810
 14583 IL6|B5MC14 MARCH1|D6RGC4
 14584 KLK2|M0QXQ7 ND6|A0A023QX54
 14585 BARX1|Q9HBU1 ATG4C|Q05D29
 14586 PC|P11498 ACBD3|Q9H3P7
 14587 ND3|A0A059QPH2 SNED1|H7BYY9
 14588 cox2|X2D4U2 hCG_39342|D3DVZ1
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 14590 EGR2|P11161 HLA-B|A0A0A7C4I6
 14591 GRIN1|Q05586 CYTB|H9ST19
 14592 HLA-A|U5YKD6 HLA-Cw|B5BLP2
 14593 CDC20B|Q86Y33 TDRD6|O60522
 14594 ND3|A0A059QSQ3 ND1|H9NWU9
 14595 RHD|B4F457 PARK2|M4T2U2
 14596 GRIA3|Q17R51 MRPL19|A0A0A0MRF4
 14597 HTR7|P34969 METTL1B|Q5VVY1
 14598 MRPL2|Q5T653 METTL21A|Q8WXB1
 14599 HLA-C|C8CHC1 GKAP1|Q5VSY0
 14600 SCN7A|F8WD82 ABCA9|H0Y4U7
 14601 DLGAP4|A0A0B4J2C2 HLA-C|D7NP07
 14602 SRY|D9J2M2 ATP6|A6Z7D7
 14603 RBKS|Q9H477 CASP9|F8VVS7
 14604 CAPN7|Q9Y6W3 ATP6|A0A059QIY9
 14605 CHRNA7-2|B1N7F8 ND2|H9SCA9
 14606 HNRNPM|M0QYL3 PNLIP|P16233
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 14608 DLX6|P56179 WNK4|Q96J92
 14609 VCX2|Q9H322 HLA-A|L7PH13
 14610 CYTB|H9QXH4 GRHPR|Q5M7Z5
 14611 HLA-C|D5M8C2 C2orf50|Q96LR7
 14612 HLA-C|C9WER9 DLX6|G3V471
 14613 GGTLC3|B5MD39 SH2D1B|O14796
 14614 SCN5A|A3EY20 LRP1|Q07954
 14615 CTSA|X6R8A1 PIAS2|A0A087WUY7
 14616 CDH11|USP6|Q6U210 ND6|T1Q6P2
 14617 GALNT5|Q7Z7M9 EGLN2|A0A0C4DGR4
 14618 ZMYM1|Q5SVZ7 PVRL1|Q8WXR3
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 14620 ZNF286A|A8MTT8 CUL9|Q05C85

14621	HLA-A B1Q4X5	ND5 Q4F5W5
14622	RAB33A Q14088	APOBR Q0VD83
14623	ATP6V1D G3V341	CARS A8MVQ3
14624	NPY1R D6REY0	VSIG8 Q5VU13
14625	GEMIN7 Q9H840	KIF1B A0A024R4H4
14626	ND5 Q9B2W1	PALLD H0Y952
14627	KIF4A Q6PKB2	TRUB1 Q8WWH5
14628	TDRD1 H9KV62	GNB1 A0A024R056
14629	HLA-A E0WBW7	CDH10 Q9Y6N8
14630	IRF3 M0QZB8	HLA-C C5J002
14631	NADH4 Q4GJM8	HLA-B C0KLQ0
14632	DLX3 F8VXG1	BRPF3 H0Y7B4
14633	BAG1 J3QTA2	TYR03 H0YNK6
14634	PTPA A6PVN7	MMP16 E5RJA7
14635	AKR1C1 Q04828	EXOC6B F8W6R7
14636	hCG_20684 D3DXD8	CIPC G3V310
14637	UTY E1NZ91	COX2 Q9B2U8
14638	CYTB G9LI10	IL12RB2 Q99665
14639	BTK Q06187	DLX6 P56179
14640	MRPL52 Q86TS9	ARL8A A0A024R977
14641	ND4 A4ZLL7	DKK2 Q9UBU2
14642	CAPN1 E9PSA6	HLA-A A7E1C1
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14645	HLA-C A2BCW9	AZU1 P20160
14646	COX3 Q4ZEA6	DUS2 I3L0K0
14647	TEX37 Q96LM6	FHL1 Q5JXI3
14648	TNFSF4 P23510	EML2 O95834
14649	EAF2 F8WCI9	GAGE5 Q13069
14650	OR2A7 Q96R45	OR6B3 I0EZ58
14651	FMNL1 O95466	TP53 E5RMA8
14652	TLE3 H0YNT2	SCUBE1 A0A087X285
14653	ND1 D7PB39	CCR5 A0A089G5M8
14654	ZNF226 K7ELA3	IDH3A H0YLI6
14655	COX1 A0A059RUA5	COX3 A0A059RV52
14656	SLC11A2 F8VR36	HLA-C Q29914
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14658	CTNND1 A0A024R4Z0	HLA-A A0A0A7C6V5
14659	PODXL2 Q9NZ53	RXFP1 A0A087WWV0
14660	E2F5 C9JYE9	HLA-B M9PAL2
14661	ATP10D Q6PEW3	ACKR2 V9GYM0
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14667	ND4 G4W2C7	DIP2C Q9Y2E4
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14669	COX1 A0A059QJC8	NDUFA4L2 Q9NRX3
14670	PC E9PS68	MRPL33 O75394
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14672	PAFAH1B3 A0A024R0L6	CYTB H9E7H9
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14674	ABCD1 A6NEP8	KPNA1 C9JYI4
14675	DKFZp6860111 Q5CZB4	PTEN F6KD01
14676	HLA-C H2DMJ8	CAV3 P56539
14677	SRY Q52MY0	HLA-C F2X643
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14681	METTL15 A6NJ78	ND5 G4W5P8
14682	ADIG H0Y829	GPRC5A F5GWG3
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14684	EPB41L3 J3QR33	TUBA2 Q1ZYQ1
14685	DVL2 O14641	COX3 A0A059SF52
14686	HEL113 V9HWE1	SYBU E9PRH8
14687	GRIK2 Q6P3V6	IFNGR1 A5HJZ4
14688	PRKCH G3V4Q9	THG1L E5RIQ8

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 14690 FY|Q5Y7A2 ATP6|A0A023I7H5
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 14692 HLA-C|M9P968 CSRP2|A0A024RBB5
 14693 HMGXB3|Q12766 GLIS3|Q1PHK3
 14694 ARHE|Q4ZFY0 APOBEC3H|B7TQM3
 14695 ZNF625|Q96I27 PLAUR|Q9UPI5
 14696 CYTB|A0A0A0PN04 HLA-C|D5M8B8
 14697 ALDOB|A0A087WXX2 BABAM1|M0R2I2
 14698 KCNG4|Q547S7 XP01|H7BZC5
 14699 BAZ2A|A0A0C4DGI9 NMI|Q8WTW2
 14700 HLA-B|E2D5P9 CYTB|A7YA93
 14701 GCHFR|H0YNM1 ND1|B2XMJ6
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 14703 COX2|V9J128 PRAMEF4|O60810
 14704 NEK11|D6RJF7 PKIB|Q5T0Z6
 14705 HLA-B|E2GJN2 CYP1B1|Q4U3K8
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 14708 CYTB|F5GSU4 RP11-35N6.1|A0A024R154
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 14710 TTLL6|Q8N841 ZNF596|E5RIL8
 14711 HLA-Cw|F5CL10 ARL5B|B0YIW9
 14712 HLA-C|F1AQQ6 SCFD2|Q8WU76
 14713 HDM2|I6T4L2 PRMD9|D9IWL8
 14714 TAAR6|Q96RI8 LHFP|Q9Y693
 14715 NAV3|H0YI14 SPAST|Q9UBP0
 14716 HMGNS|Q5JSK8 HLA-C|Q29752
 14717 EYA4|O95677 MBTPS1|Q14703
 14718 PCGF1|Q9BSM1 MVK|B2RDU6
 14719 MAP1LC3C|Q9BXW4 LIMK1|Q75MU0
 14720 ARPC1B|C9JQM8 CHST7|Q9NS84
 14721 POT1|V9GY10 ATP6|A0A023I8J4
 14722 ZNF790|K7EQ58 HLA-B|D3U415
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 14724 PCMTD2|V9GYZ4 CNTNAP2|X5DNH4
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 14726 OR13F1|B9EIM5 RNGTT|O60942
 14727 TLH6|Q9UJX1 CECR1|A0A087X0I3
 14728 HLA-DQB1|A0A0A7C734 CD81|P60033
 14729 ND6|Q7GWZ6 HLA-B|Q860E0
 14730 HLA-B|B2NIZ4 MAP3K10|M0R0A7
 14731 KIF18B|A0A0C4DGP2 COPB2|H0Y938
 14732 hCG_2042749|A0A024R4Z1 DKFZp686P23184|Q7Z2Z5
 14733 HLA-C|G1EQM5 PTH2R|P49190
 14734 TOLLIP|Q6FIE9 MYO1F|M0QXU2
 14735 FBN3|Q75N90 CYTB|E3W661
 14736 HMP19|E5RHS6 COMTD1|Q86VU5
 14737 ZNF780B|M0R0W9 GPR125|Q8IWK6
 14738 HIAT1|Q32Q64 TNIP1|H0YC17
 14739 PCBD1|P61457 HLA-C|D6MKW1
 14740 HLA-C|C5IZX6 CEP57L1|Q5T6A0
 14741 ALG1|Q9BT22 KRBOX4|Q5JUW0
 14742 CYB5R4|Q7L1T6 TYSND1|Q2T9J0
 14743 ZNF217|H0UI66 DYM|Q7RTS9
 14744 BCR-ABL1|A2RQD7 ATP6|B4YBC1
 14745 RBM4|E9PB51 ND3|X5BZL0
 14746 SLC30A9|A0A024R9W8 TNFSF4|A0A024R937
 14747 OR2L8|B9EIN6 C12orf40|Q86WS4
 14748 ATP6AP2|H7C3E1 PADI3|Q9ULW8
 14749 APOL1|U5LGW0 MDH2|A0A024R4K3
 14750 GCNT3|O95395 TOP2B|H7BZ82
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 14755 CYTB|R9Y555 TPRX1|D2CFI5
 14756 GCK|L0HBA3 NAMPT|P43490

14757 P4HA3|Q7Z4N8 ADH6|P28332
 14758 HLA-C|V5NVW6 PPP1CB|C9J9S3
 14759 DKFZp686F17268|A4GYY8 CYTB|Q2HKD8
 14760 HLA-DPB1|A0A0A7C6F9 MAST2|V9GXZ1
 14761 COX3|A0A059RS36 ATP6|Q7Y843
 14762 COII|C5H6M4 UGP2|C9JQU9
 14763 Hosa(Adygei)-T2R46|Q50KH1 HLA-C|A0A0A7C4W2
 14764 HLA-A|G1EPG4 ATF2|A4D7U9
 14765 HLA-C|E3Q1I5 ATPAF2|Q8N5M1
 14766 S100A16|Q96FQ6 SLBP|B3KSC5
 14767 HLA-DRB1|D5FIF0 GALNT4|Q8N4A0
 14768 ATP6|E5DYE4 PLEKHB1|A0A024R5H9
 14769 HLA-B|G0Z8C9 ALG13|Q9NP73
 14770 AP2B1|A0A087X253 SPP1|A0A024RDE2
 14771 TGM5|Q0II16 DIAPH1|B4E2I7
 14772 NRG1|B9EK51 HLA-DPB1|A0A0A7C541
 14773 CIZ1|H0Y5D5 CCK|P06307
 14774 FTL|Q6S4P3 DAZL|E7EV40
 14775 CNN2|Q6FHE4 GALNT6|D7UNW5
 14776 HLA-C|A0A0B7NXS4 TXNRD1|E9PIZ5
 14777 THOC1|Q96FV9 PRDM2|A0A024QZ72
 14778 NR2C1|H9NIM2 OR2L8|B9EIN6
 14779 ADRA2B|A2RUS0 CDC25C|P30307
 14780 SCAI|Q8N9R8 HMB0X1|D3DSU2
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 14782 MICA|Q9UDZ8 ZNF217|A2A326
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 14784 RDH13|G8JLA1 ANXA2|H0YMM1
 14785 EIF3L|Q7Z5X3 TOPORS|Q9NS56
 14786 PRICKLE1|Q96MT3 HLA-C|H9C5H8
 14787 BECN1|K7ERY0 NXF3|Q9H4D5
 14788 EFNA5|P52803 TUBA8|C9J2C0
 14789 TFDP3|Q5H9I0 HYOU1|J3QL06
 14790 ND5|A8JMR6 ZNF546|M0QXR6
 14791 ND2|A1E1P3 SERINC2|Q96SA4
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 14794 HLA-C|J7F690 ZNF446|M0R034
 14795 WSB1|A0A024QZ36 SNX27|Q96L92
 14796 NR1H4|Q96RI1 MMP28|B3KV06
 14797 MCTP1|Q6DN14 CHRM4|Q96RG8
 14798 INS-IGF2|F8WCM5 ATXN3|D3VVM0
 14799 HLA-C|M4N7U8 ND5|E5E1U5
 14800 WASL|O00401 SART3|F8VVK9
 14801 COX3|Q5XZP7 POLR2G|E9PKH3
 14802 ZFP1|Q6P2D0 LDOC1|O95751
 14803 UBE2S|Q16763 NRP1|Q71SW6
 14804 BPTF|F5GXF5 STXBP5|Q5T5C0
 14805 NEFM|P07197 HSF4|H0YC39
 14806 RPP40|O75818 ATP6|G5D8Q7
 14807 CTBP2|Q5SQP8 SLC13A1|Q9BZW2
 14808 GPR63|Q6NWR9 FOXA2|B0ZTD4
 14809 ART3|Q5J1Q0 RABL2A|E7EWW3
 14810 NAT9|J3QRL7 COX1|A0A023QUR1
 14811 HLA-DR|O19762 ND1|C8XZ40
 14812 ND3|A0A059RR10 HLA-A|D7NPA7
 14813 NR1D2|F1D8P2 HLA-C|U5YEV0
 14814 TSC22D3|Q5JRJ2 CYTB|A0A059RXV5
 14815 PTGS2|P35354 RUVBL1|J3QLR1
 14816 LRG1|P02750 BIRC2|E9PNM6
 14817 cytb|A7XSF7 ADCY3|B7ZLX9
 14818 EBI2|A0A024RDX2 SNX4|F8W9T3
 14819 PHF7|H7C4N0 IFNA|V9GZU1
 14820 SLC26A3|C9JFJ2 FBLN2|P98095
 14821 CYP4B1|E9PML0 SF3B5|Q9BWJ5
 14822 UBC|Q96C32 GDF8|A1C2F0
 14823 KDELR2|A0A024QZT7 LGALS9|J3KS82
 14824 PADI4|Q6EVJ2 GALNT15|C9JGI4

14825 DUSP21|Q9H596 KCNK2|C9JDK1
 14826 PELI3|A1L176 KIF5C|Q57Z91
 14827 ND5|J7HU51 PRAMEF11|O60813
 14828 HLA-C|A0A0A7C6X9 GNG12|Q9UBI6
 14829 POLD2|P49005 PSMA6|P60900
 14830 ZNF205|C9JEY6 CREBBP|B5A227
 14831 ECT2|C9JDB4 ADH1B|A0A024RDI5
 14832 AP2A2|E9PS94 ZSCAN18|M0R1U9
 14833 VAMP8|Q9BV40 MT01|H0YC00
 14834 GALNS|P34059 BRCA1|Q3B891
 14835 CFC1B|P0CG36 COL4A1|P02462
 14836 DIO3|P55073 AQP7|O14520
 14837 ATP6|E2DGN9 C5AR2|Q9P296
 14838 RNASEL|Q05823 ND2|G9LAZ2
 14839 ND1|A0A096W2C4 RBM14-RBM4|A0A0A0MSL8
 14840 GALK2|H0YK30 HLA-A|I3UI53
 14841 APP|P05067 ND5|Q1ADM1
 14842 CYTB|C9D543 ABCB4|A7J1Q6
 14843 ND1|H9RVE9 FGFR4|A0A024R7P8
 14844 ZNF775|C9JVG2 COX3|H9NV96
 14845 HLA-C|S5DN61 VARS|A0A024RCN6
 14846 NFATC3|B5B2S0 ABCB9|F5GX86
 14847 WIPF1|Q2YDC4 tmp_locus_6|Q53SC0
 14848 IL6ST|A0A0A0N0L5 CCR-5|A0A502
 14849 TXNL4A|K7EJU2 DHTKD1|C9JWN1
 14850 THBS1|A8MZG1 COX1|B1NUS1
 14851 OLA1|J3KQ32 HLA-DQB1|A0A0A7C6F6
 14852 SYT17|Q9BSW7 DMD|F5GZY3
 14853 HLA-DR15|F2VNW1 ND1|Q5Q5I7
 14854 TGFBR1|H0YHS4 GGCT|A0A0B4J1Y4
 14855 ZDHHC17|F8VUG7 LRP2|P98164
 14856 ZNF33B|A0A087WXT3 PARP2|H0YH02
 14857 CAPN15|O75808 CORT|O00230
 14858 RAB40C|Q96S21 BAD|F5H1R6
 14859 HLA-C|F6KRV6 PDE7A|Q13946
 14860 IRF5|I6ZKX6 ROBO2|F8WBR3
 14861 MAPK8|B5BUB8 LGALS14|M0R163
 14862 HLA-C|G3D6E2 GEM|E5RJF9
 14863 GFAP|P14136 HOXB7|P09629
 14864 UXT|A0A0C4DFR8 HLA-A|K9LC23
 14865 SIX5|Q8N196 PCDHAC1|Q9H158
 14866 USP3|H0YLB7 MICA|Q9UE00
 14867 NEK6|Q5TBH1 COX3|H9PIE5
 14868 MEST|A0A024R768 BCL11A|D9YZV9
 14869 DC-UbP|B2R886 ND2|A0A096WCP8
 14870 ND1|A0A059QR65 MATN2|O00339
 14871 COMT|F2WW53 OTUD5|A0A024QZ09
 14872 AMPD3|H0YDC3 EIF1AY|O14602
 14873 SLC4A2|Q8TAG3 POU5F1|D5K9R2
 14874 OXA1L|C9JC63 ZDHHC14|A4FVA9
 14875 NDUFC2|O95298 ELTD1|Q9HBW9
 14876 MSX1|E9KXZ1 RNF13|C9JCY0
 14877 ATAD2|A0A024R9G7 TAF9|D6RHW1
 14878 HLA-DQB1|V9N2U5 BRF2|E5RGF6
 14879 FAM200A|J3QT35 MAP4K3|F5H5A3
 14880 JAML|E9PJJ4 HLA-C|G1ENT6
 14881 FDXR|A0A0A0MTN9 IL1RL1|E9PC41
 14882 ND4L|A0A059RWX8 USH1G|Q495M9
 14883 HLA-C|D7NNY0 ZC3H14|G3V5I6
 14884 HEL-S-71|V9HW41 UBE2A|P49459
 14885 KDEL3|O43731 ITIH4|B7ZKJ8
 14886 CANX|D6RAU8 HLA-B|Q9GJN8
 14887 CTAGE5|O15320 ARHGEF1|Q49AN3
 14888 ZNF223|K7ER65 SLC6A8|X5D2U0
 14889 CFTR|A0A096ZUC4 PPP3CA|E9PPC8
 14890 NCOA4|Q13772 ATP6|E2J3Y5
 14891 ZNF724|M0R0Z7 PIGQ|E7ERP4
 14892 RAD9B|A0A024RBJ5 CD93|Q9NPY3

14893 ISCU|B4DNC9 ND5|A0A023QVC6
14894 SLC6A20|Q9NP91 ND4|F1B6B7
14895 EIF3K|B4DVD7 ND2|Q7YEE4
14896 FES|P07332 GYPA|A0A0C4DFT7
14897 RBP1|A0A0A0MQT0 HLA-C|Q5C9P9
14898 HOXD8|A0A0A0MTF4 BIRC2|E9PMH5
14899 CYSLTR1|Q9Y271 ATP6V0A1|K7EM24
14900 CCT6B|Q92526 HLA-A|F2VNJ4
14901 HLA-A|C0M140 PSEN2|E5RHT1
14902 ACTG1|J3KT65 HLA-C|I6TRX6
14903 BCAT1|P54687 ND3|Q6VH98
14904 ROR2|A0A024R2A0 ALPK1|B4E0R2
14905 PCBP1|Q15365 ENDOV|I3L4V7
14906 ENPP7|Q6UWV6 BRCA1|A0A068BFW2
14907 IGFBP6|F8VVA5 MERTK|E9PHX8
14908 HLA-C|E0WMP9 ALDH6A1|Q02252
14909 FASTK|Q9BWD7 RAC2|A0A024R1P2
14910 TRMT10A|Q8TBZ6 DENND2A|Q9ULE3
14911 ZNF544|M0QY11 HLA-C|D6C6E9
14912 HLA-B|G1EPN9 USP17L18|A0A087WTC1
14913 CYTB|A0A060BFD6 ND2|H9PCW6
14914 NPY4R|P50391 SSX-HSTT|O75101
14915 HLA-B|D4HPL2 ECI2|F1LLU7
14916 IP013|O94829 COX1|Q8WCW6
14917 PABPC1|E5RH24 CDC42|A0A024RAE6
14918 COX3|A0A059QT91 HLA-B|H9C5J4
14919 tmp_locus_6|Q53RX8 CD36|E7EWI4
14920 SRPK1|H3BLV9 SYNPR|F8WF23
14921 HLA-B|J7K3G2 ABCB4|A7J1Q7
14922 NDUFB10|O96000 ACER3|E9PIN9
14923 APC|Q7Z2Q8 ATXN3|D3VVM7
14924 NUCB1|Q02818 SDR42E1|Q8WUS8
14925 ETFDH|Q16134 HLA-C|V9N3H0
14926 KHDRBS3|O75525 MARS|P56192
14927 HUWE1|A0A024R9W5 ND4|A4ZML4
14928 DKFZp434N0335|Q9UFD3 DDX1|Q92499
14929 CCR5|E7BJ57 SLC17A2|O00624
14930 CTNNA3|Q8WW10 MYB|E9PQQ2
14931 TMEM184B|Q9Y519 HBB|Q5GMQ1
14932 NR5A1|B6ZGU8 CDH9|Q9ULB4
14933 ND6|E5DY33 HSF2|Q9BS48
14934 PAPOLA|A0A024R6J7 TP73|A0A0C4DFW9
14935 KCNH7|A0A087WZQ1 CDH2|C9J126
14936 CYTB|L7XUC5 C19orf25|Q9UFG5
14937 SLC5A5|Q92911 CSNK1E|B0QY34
14938 MPP3|Q13368 PICALM|Q13492
14939 APOF|Q13790 UCK1|A0A024R8E7
14940 RELA|E9PRX2 TNNT2|C9JM61
14941 GTSF1L|Q9H1H1 ZNF214|B7ZMB1
14942 CDK14|E7EUK8 HLA-C|C5IZU6
14943 HLA-C|J7K463 ATP6|A7XTZ0
14944 NRF1|A0A024R774 ROCK1|D9ZGF8
14945 TASP1|H7BZ38 GHRHR|A0A090N8Y6
14946 ATP8A1|H0Y8I6 DKFZp313B2010|Q5JPK1
14947 ZNF841|Q6ZN19 HLA-C|V5NQV6
14948 ILVBL|M0R026 HLA-B|A0A0B7M9W0
14949 DLX2|Q07687 DYNC1LI2|J3KSD2
14950 MG81|Q14830 SLC52A2|Q9HAB3
14951 CYTB|D8L4A0 RBF0X3|A6NFN3
14952 TDG|Q3SX60 VNN2|O95498
14953 MTCH1|A0A024RD08 PDK4|A4D1H4
14954 HLA-DQB1|L0BXU9 ND5|B7U6Z8
14955 ND5|A0A0A0PVA5 FGF18|O76093
14956 pp14737|Q8WYV4 ZNF599|K7EJP3
14957 ADAM19|Q9H013 COX2|B2XL43
14958 KCTD2|Q14681 CEP55|Q53EZ4
14959 ICA1L|F8WBK1 KCNK7|A0A024R5B0
14960 PLCB4|Q15147 NR3B3|F1D8R5

14961 MST1|H7C0F8 CRKL|P46109
 14962 HLA-C|D7NPC5 GRASP|Q7Z6J2
 14963 HIST2H3PS2|Q5TEC6 CRHR2|A0A090N7T4
 14964 IFNA4|P05014 ATP6|A7LDA2
 14965 RDH14|Q9HBH5 HLA-DQB1|L0BXV6
 14966 TIFA|Q96CG3 ATP6|U3LUU5
 14967 COX1|A0A059QZA3 EFTUD2|Q15029
 14968 DDX18|A0A024RAH8 MICA|E7BBQ2
 14969 HLA-B|A0A059WRJ1 ND5|A0A059QY45
 14970 ND5|Q5SAM1 PDE6H|Q13956
 14971 TEAD4|H0Y7B0 C2orf88|Q9BSF0
 14972 AP2A2|H0YEG0 NR1H3|C9J4R0
 14973 HLA-DRB5|O78167 HLA-C|D3U461
 14974 SUCLG2|E9PDQ8 STAT2|R9QG79
 14975 hCG_2025835|A0A024R6X7 ZNF536|K7EQN6
 14976 ZNF16|P17020 ND5|A0A097PWW3
 14977 COX1|A0A075X6S7 ATXN3|D3VVI2
 14978 ZSCAN5A|A0A0C4DGQ1 APEX1|G3V359
 14979 MTHFD2L|A0A024RDE0 RPL10L|Q96L21
 14980 GMPA|Q96IJ6 NADH3|B9ECU6
 14981 EARS2|H3BTB7 FBLN5|G3V3Y2
 14982 SYNPO|Q8N3V7 TRPM1|A0A024R209
 14983 RHD|I0CKG7 ND1|H9MQ71
 14984 ARID1A|A0A087WUV6 MPC1|Q9Y5U8
 14985 GNA12|Q03113 TAF6L|E9PLV8
 14986 PRAMEF1|O95521 FZD6|O60353
 14987 ASF1B|K7EM93 HLA-A|I0BW37
 14988 SYTL2|E9PQL8 HLA-C|D3U733
 14989 ABI2|E9PEZ7 kcnj12x|Q6L5N3
 14990 ETV5|H7C1D2 ZNF341|Q504V9
 14991 ATP8|X5BPV5 AHCYL1|O43865
 14992 HLA-A|F2VNI3 OGFOD1|Q8N543
 14993 CLEC12B|B2RNC6 HLA-A|A0A0A7C7H0
 14994 ND5|Q9B2Z7 ND5|Q8HG20
 14995 RAET1L|J7HBF1 ARL17A|Q8IVW1
 14996 TBC1D3|Q8IZP1 LOC135935|A0A090N8E5
 14997 ZBTB42|B2RXF5 ZNF83|H9XFB5
 14998 ANK2|Q01484 ATOH1|Q6ISE7
 14999 LHPP|Q9H008 DKFZp686F17268|A4GYY8
 15000 RBPSUH|A0A024R9Q8 ND3|W8CT08
 15001 ND6|E5DY72 MED6|G3V4A5
 15002 TRAPPC1|Q9Y5R8 EZH1|K7EK26
 15003 ND3|A0A059RS30 RDH14|Q9HBH5
 15004 ZFP62|D6R9C0 ND5|Q7YCG8
 15005 NPHP1|O15259 RHD|K8ES76
 15006 RAB11A|A0A024R5Z8 CYTB|Q4F1U6
 15007 CT45A3|Q8NHU0 RPL28|P46779
 15008 MUS81|H0YE94 GPATCH4|E9PPY4
 15009 KCND1|H7C3V4 MED15|C9JGN2
 15010 NPM1|Q9BTI9 HLA-B|Q9TPU0
 15011 ND2|Q5XTG6 DDAH2|O95865
 15012 TXN2|M0QXH0 RLIM|Q9NVW2
 15013 FERMT1|Q9BQL6 XRCC4|A0A024RAQ8
 15014 ADGRD1|A0A087WYZ5 TRIM5|D8L201
 15015 ND2|A6Z8H3 C1orf9|A0A024R929
 15016 RAP2B|P61225 PSEN1|G3V2B1
 15017 HLA-C|M9P8S0 HLA-B|Q4JHK9
 15018 FGFR2|S4R381 SEPT11|H0Y961
 15019 COX1|F1CIP8 XP06|B7ZM10
 15020 RNASE10|Q5GAN6 LHX3|F1T0D9
 15021 HLA-B|Q9BD25 PYCR2|A0A087WX69
 15022 CPD|J3QQJ4 CYP19A1|P11511
 15023 ABCC11|H3BRJ2 ZNF446|Q9NWS9
 15024 BDP1|B1WB49 EIF3B|Q96G38
 15025 FSCN1|C9JPH9 FGF7|Q6RK68
 15026 Cw*08|O19552 ATP8|V9JTG4
 15027 ACPP|P15309 SAMD11|I7F482
 15028 CTU2|Q2VPK5 NCAM2|D3DSC5

15029 TGIF2|Q9GZN2 ATP6|B4YBC1
 15030 ND1|Q9B1L5 ASAH1|B1B5S5
 15031 HLA-DQB1|A0A0A7C5Z5 RTTN|Q86VV8
 15032 FOXD1|Q16676 HLA-C|I6NS84
 15033 TALDO1|F2Z393 HTR5A|Q75LH0
 15034 DECR1|Q16698 INSM2|Q96T92
 15035 RPL3|Q49AJ9 HLA-C|E0YTN8
 15036 PTPRR|F8VU63 ND1|M4Q9M0
 15037 AR|C0JKD5 SORCS3|Q17R88
 15038 ECI2|F1LLU7 ND4L|A0A059RVX0
 15039 hCG_20425|B4DNA4 CCNB1IP1|G3V5S3
 15040 HLA-A|M4SNZ1 MEPE|Q9NQ76
 15041 LUC7L|D3DU41 ITGA2|E7EMF1
 15042 MED4|Q5T911 IRF9|H0YNM9
 15043 CCR5|H9MHK7 FOXD4L5|Q5VV16
 15044 PABPC1|H0YB75 HVCN1|F8VPF7
 15045 HLA-C|D6MLE3 STEAP2|Q8NFT2
 15046 RGS20|O76081 NFIB|A0A0A0MRX8
 15047 FAM96B|Q9Y3D0 SLC1A4|P43007
 15048 PLA2G4F|Q8IUP3 SMURF1|Q9HCE7
 15049 ZNF182|P17025 DKFZp686D23123|Q6MZG6
 15050 DKFZp667C1917|Q69YR1 COI|Q4GR21
 15051 COL23A1|Q86Y22 ATP6|H9S385
 15052 PNCK|C9JJ18 PTPN6|P29350
 15053 TMC2|Q8TDI7 DUSP6|Q16828
 15054 TSPY8|P0CW00 HLA-C|G3D6F2
 15055 DKFZp781K0743|Q68DI0 SLC35A1|Q5W1L7
 15056 CCNI|Q6FHH0 ART3|Q5J1Q0
 15057 NPTN|Q9Y639 HLA-DQB1|A0A0A7C947
 15058 TBRG1|Q05BL0 TSSK4|H0YJ36
 15059 ND5|W8DAS2 AHSP|Q9NZD4
 15060 ART4|Q93070 SPINK14|Q6IE38
 15061 SLC30A3|Q99726 UMODL1|Q6L9N5
 15062 RPS14|E5RH77 BIN1|O00499
 15063 USP32|K7EKZ1 ZNF536|K7EKT4
 15064 TSSK2|A0ZT99 NBAS|A2RRP1
 15065 ATP6V1G2|Q6NVJ2 CYTB|F5GSA8
 15066 COX2|B2XHT9 HMGB4|Q6NSH1
 15067 ARHGAP11A|Q6P4F7 PITX3|A0A0B5HP39
 15068 EXTL2|Q8N8F1 LCN9|A0A087WZ21
 15069 HLA-A|A0A0A7C7C0 COI|Q4R1L4
 15070 STK33|C9J319 RANGAP1|B0QYT4
 15071 HLA-C|D6C6F5 DBP|Q10586
 15072 COQ5|F8VP53 NDUFS2|O75306
 15073 DEDD|V9GY27 HLA-A|O19603
 15074 BRUNOL6|B3KWE6 ATP6|A6ZG24
 15075 ENO2|U3KQQ1 ARHGAP44|J3QQU7
 15076 THAP6|A0A024RDF9 MTOR|B1AKQ2
 15077 ZNF79|Q15937 HLA-A|Q5SUL5
 15078 FOXM1|Q08050 PLEKHF1|Q96S99
 15079 ND4|K9R3M7 ND2|A0A059QM62
 15080 SLC1A4|P43007 FBN1|H0YN80
 15081 OSTM1|Q86WC4 ANKRD30A|Q9BXX3
 15082 UBE3A|Q9BUI6 SPEN|H0Y5U7
 15083 CFTR|Q6KEB2 HLA-C|I6NXL9
 15084 AKAP14|Q86UN6 HLA-C|A0A090KMD8
 15085 HLA-E|Q9TNU7 SLC39A10|Q9ULF5
 15086 CYTB|Q7YCF9 DKFZp434G155|Q9NSQ1
 15087 ALDH4A1|P30038 RPS6KC1|F6RJM5
 15088 PIK3C2G|A0A087WV31 NRIP1_var2|N0GW17
 15089 LUC7L3|H7C5U7 NBR1|A0A024R1V3
 15090 MMP14|P50281 RUNX1T1|E5RK76
 15091 Hosa(Biaka)-T2R16|Q50KN5 CES2|O00748
 15092 ZNF430|M0QXG3 ND1|V9M6T7
 15093 METTL14|D6RBL4 OVOL2|Q9BRP0
 15094 PON2|J3QT77 DKFZp451C205|Q8N3S0
 15095 HLA-C|G1EQL2 RP5-1022P6.2|D3DW07
 15096 TRIML1|Q8N9V2 HLA-A|B6ECH6

15097 HBG1|P69891 ZP2|Q05996
 15098 HLA-C|A0A0A7C9V4 VGF|Q05BJ3
 15099 GALT|G3V255 HLA-C|M9P9A7
 15100 STON1-GTF2A1L|A0A0A6YYG5 MBD6|A0A024RBA3
 15101 ND5|K9R3W5 TLE6|Q9H808
 15102 HLA-C|G1EQ52 ZNF506|K7ERD0
 15103 HMOX2|I3L1F5 ZFP14|K7EM99
 15104 RNF14|D6RAS4 RPL17|A0A087WY81
 15105 CYTB|H9PJ22 ATP6|F8V422
 15106 PARP10|E9PJI2 RHD|075102
 15107 DGKD|Q16760 TIMM21|J3KRJ3
 15108 HLA-B|D5L9J7 ND4|V9J548
 15109 HLA-C|F8SKZ5 CHID1|H0YC89
 15110 SLC37A3|H7C594 THRAP1|A0A024QZ75
 15111 IL6|Q75MH2 NUDT22|Q9BRQ3
 15112 PPCDC|Q96CD2 G3BP1|E5RI46
 15113 PSMG2|Q969U7 PCSK6|A2RQD9
 15114 ANK3|H0YA66 BMP3|D7NU02
 15115 DOCK11|A6NIW2 ZC3H13|Q5T200
 15116 ATP6|H9M442 DHRS4L2|H0YKN3
 15117 FGD4|E9PJX4 MED11|I3L2Q0
 15118 RAP1B|F5H4H0 AGGF1|Q6PIK7
 15119 ND1|H9MQG2 GNPDA2|Q8TDQ7
 15120 HLA-B|M9XMA8 HEL107|V9HWD9
 15121 EIF3D|B0QYA8 HLA-A|U5YEJ4
 15122 MAPK9|P45984 HLA-A|V6BQN7
 15123 MEST|Q5EB52 PTPN2|D3DUJ3
 15124 PIGT|Q969N2 CACNA1C|Q86XX0
 15125 CHAD|Q15335 HLA-C|K7P577
 15126 KCNK2|U3N6F0 SORBS3|Q9BT70
 15127 DLAT|A0A024R3D8 RHD|Q6KC49
 15128 ATP2A1|H3BTW4 ND6|A0A0A0PPE7
 15129 ATP6|C8YGB4 NELFA|H7C2C7
 15130 NAT2|A4Z867 MKNK1|E9PMM8
 15131 POLR3E|A0A0C4DH01 SLC16A1|Q5T8R3
 15132 ROBO1|A0A0A0MSX4 HDAC2|E5RJ04
 15133 HLA-A|G0WVA6 MAP3K11|H0YCF5
 15134 ARHGAP21|A0A087WW76 DRG2|P55039
 15135 B4GALT4|C9JA31 HEG1|Q9ULI3
 15136 SLC12A9|D6W5X3 GBP3|H3BNS1
 15137 MBOAT4|Q96T53 ND4|A0A059RQP3
 15138 CDH20|Q9HBT6 MRPL33|O75394
 15139 PCDHA12|Q9UN75 GYLTL1B|Q8N3Y3
 15140 HNRNPC|G3V555 B4GALT4|E7ETS9
 15141 DAG1|A0A024R2W4 CETN2|P41208
 15142 KCNE1B|A0A087WTH5 HLA-C|D6MJH9
 15143 PIGG|D6RFE8 TAF1|P21675
 15144 S100A6|R4GN98 STON2|Q17R23
 15145 DOCK2|H0YB76 JAG1|A0A087WXH5
 15146 PIM3|Q86V86 KLK3|Q96A30
 15147 DGKQ|P52824 TSSK6|A0A024R7Q5
 15148 ND2|H9PHX1 RPA1|I3L524
 15149 SLC34A3|Q8N130 HLA-C|A0A0A7C608
 15150 LEF1|A0A024RDI7 cytb|Q85KS7
 15151 BTAF1|Q2M1V9 HLA-C|D6MKW6
 15152 HLA-B|P79487 NBEAL2|Q6ZNI1
 15153 HLA-A|A0A0A7C6W9 TET3|O43151
 15154 C19orf47|Q8N9M1 ATG2A|H7C3T2
 15155 ZNF692|H0YDF5 CDC16|B4DK74
 15156 ABCC5|C9JZL5 CLSTN1|O94985
 15157 POR|B2R6E5 RBM5|F8WE23
 15158 HLA-C|D5L9D7 CIAPIN1|H3BUG4
 15159 SYTL3|Q4VX76 RAP1B|F5H6R7
 15160 HLA-A|D7NNP2 RHD|E7EVW1
 15161 MSX1|E9KY13 GLS2|C9J3Q2
 15162 ABCA7|E9PKG5 DHTKD1|C9JWN1
 15163 PHF2|O75151 NEK11|D6RJF7
 15164 KLHL7|Q8IXQ5 RASA1|E9PGC0

15165 PRM1|P04553 ATP2C2|A0A0A0MSP0
 15166 ATPase|Q4GUF2 AICDA|Q6QJ80
 15167 ND6|B4YG26 ATP6|A8QT67
 15168 BCR|ABL|A9UF00 APOL3|O95236
 15169 FES|H0YNT6 ND1|A0A096WT46
 15170 POFUT2|S6FMI4 CELF4|B4DHA8
 15171 CAPN5|E9PS73 HLA-C|M9P8R8
 15172 ANTXR1|H0YC24 ND2|Q27H21
 15173 PLPP4|X6R787 LHX3|F1T0D5
 15174 BTBD11|A6QL63 ZNF69|C9JR48
 15175 DBNDD2|Q9BQY9 ZNF431|A0A024R7Q8
 15176 hCG_2044130|D6W5Z1 TSPYL|Q6FI91
 15177 GGCT|A0A0B4J1Y4 PPP1R15A|O75807
 15178 ATP2A2|A0A0C4DH86 ZNF48|A0A087WVT1
 15179 CCDC148|Q8NFR7 TP53|L0EQX3
 15180 NANOGP8|J7H3Z5 PRKAG1|A0A024R125
 15181 CYB561D2|A0A024R342 HLA-DQB1|A0A0A7C738
 15182 ZSCAN32|Q9NX65 LAMA3|Q16787
 15183 SLC5A5|Q92911 ADH7|P40394
 15184 RCAN2|Q86YJ0 ATXN3|D3VVP0
 15185 GNAI1|O43383 Lefty1|A0A0A0N0K8
 15186 MCM10|Q5T670 METTL3|B4DTN4
 15187 HLA-A|G1EPG5 ALDOC|J3QKP5
 15188 AGBL4|Q5VU57 HLA-B|E0YNM1
 15189 NABP2|C9JT95 LCP1|Q5TBN3
 15190 CALML5|Q9NZT1 NOLA1|A0A024RDJ3
 15191 POLR1D|Q9Y2S0 TRANK1|O15050
 15192 MGA|H3BP52 TREH|O43280
 15193 CYP46A1|G3V366 INOC1|A0A024R9R7
 15194 ASB8|Q9H765 TRPC3|Q4W5P7
 15195 CUL1|Q13616 TMPPE|Q6ZT21
 15196 BRF1|A3KN61 PRKCZ|D6RBD4
 15197 FBX021|O94952 USP36|A0A075B784
 15198 CYTB|A4ZYF4 COX1|U3LSF4
 15199 CCDC151|K7EPK8 PLCZ1|F5GYE4
 15200 ANG|P03950 ND1|H9MQ71
 15201 PEA15|B1AKZ4 HLA-B|D2DKF7
 15202 THBS2|Q5RI53 HLA-C|G9HW52
 15203 ARIH1|H3BSK4 CALM1|E7ETZ0
 15204 USP25|H7C253 ESPL1|Q14674
 15205 HLA-A|D6ML52 ND6|F6MZF8
 15206 SLITRK6|Q9H5Y7 NOS1|B3VK56
 15207 ND4|Q305M9 ORMDL3|Q8N138
 15208 VPS4A|A0A024R705 NARS|K7EMQ6
 15209 HLA-C|C7FDW1 DKFZp566A0447|Q8TCK8
 15210 VBP1|Q6FH24 HLA-B|K4JDJ6
 15211 ATP6|D6C298 ND5|A6ZE30
 15212 FOXO1|Q12778 ND5|Q8HG18
 15213 HLA-A|F6IQX7 TFRC|P02786
 15214 SMPD2|O60906 ZNF419|E5RJT6
 15215 ASCC3|Q8N3C0 POLR3H|Q9Y535
 15216 OR10J5|Q8NHC4 MYO1E|Q4KMR3
 15217 GNAO1|P09471 GRM7|C9JU97
 15218 ARPC4-TTLL3|F8WE39 CSDE1|O75534
 15219 ACADS|D4QEZ8 LIG3|K7EQB6
 15220 HLA-B|C9WCT0 CYP21A2|P08686
 15221 GRHL2|Q6ISB3 ATP6|S4V2L4
 15222 CLYBL|Q5JVC2 SARS2|M0R2H5
 15223 ND1|H9QLB2 CLCN7|H0Y2M6
 15224 EIF2A|F8WAE5 ATP13A2|H0Y8I1
 15225 CHD2|O14647 ARHGEF38|Q9NXL2
 15226 ATP6|H9SP73 CACNB3|F8VUW8
 15227 NADH4|Q4GR66 PGLYRP1|O75594
 15228 CSNK1D|P48730 GLS|B8ZZA8
 15229 STAT1|D2KFR9 Hosa(Adygei)-T2R10|Q50KS4
 15230 TM2D1|Q9BX74 TBC1D8B|Q0IIM8
 15231 HEL-S-117|V9HW50 FLJ00420|Q6ZMJ6
 15232 DMD|Q14174 ZNF286B|P0CG31

15233	TMEM27 Q9HBJ8	NPAS4 Q8IUM7
15234	APOA2 V9GYC1	HSPA8 E9PKE3
15235	RARB Q5QH63	ACPT Q9BZG2
15236	TBX18 U3KQQ9	ND1 A0A059RSK8
15237	ERLEC1 Q96DZ1	IL36G Q9NZH8
15238	CYTB H6TX03	PARVG Q9HBI0
15239	PTH1R Q0VGD7	HLA-B Q8MHN6
15240	SLC26A5 Q496J0	TRIM10 Q9UDY6
15241	HLA-C F6IQL9	SYN3 Q17R54
15242	MGA H3BTN2	PTPRT B1AJR6
15243	COX1 G9LML2	CDYL2 Q8N8U2
15244	HMGB1 Q5T7C4	FTL P02792
15245	CIDEC Q96AQ7	GRIA2 H0Y972
15246	PCNA Q7Z6A3	ATP6 H9LRH8
15247	TDRKH E9PKN8	MON2 Q6P148
15248	ARNTL E9PKF0	ACAA2 A0A0B4J2A4
15249	CCND3 P30281	WDR61 Q9GZS3
15250	SLC22A7 Q5T047	ESX1 A6ZIS3
15251	DLK1 Q969Y6	UBR4 Q5T4S7
15252	PHYHD1 G5E9M0	MMP16 E5RJA7
15253	BFAR Q9NZS9	CCNH P51946
15254	POLE2 P56282	MET C9JKM5
15255	CCR5 J7HDH2	GRIK1 E9PD61
15256	CTDSP1 A0A024R461	BMP4 U3MVU6
15257	OMA1 H7BZX2	HLA-A D7NPA7
15258	GPM6A P51674	ND1 G5D8K3
15259	NOTUM K7EIG3	PDIA5 H7C4F9
15260	AIP E9PMH2	NEB H7C2D0
15261	ND3 A0A059RMK8	NSMCE1 H3BR73
15262	CDKL5 A0A096LP32	TLR5 D1CS88
15263	RBPMS Q569H2	PABPC4 H0Y6X6
15264	ND5 A4ZLT3	TMPRSS13 Q9BYE2
15265	ZNF143 P52747	PTK2B Q14289
15266	HLA-C F1C3H0	CCER1 Q8TC90
15267	RYR2 Q92736	PTP4A1 Q93096
15268	BLK P51451	ADAM19 Q8TBU7
15269	RGL4 Q3ZCN2	HLA-A R4I3H2
15270	ZSCAN2 A0A0C4DFQ3	ND2 W8D669
15271	CELF2 Q5VZZ6	SYNGAP1 A0A0A0MQZ2
15272	KANSL1 Q7Z3B3	VILL C9JUR8
15273	GRIN3A A2RUE7	PCK2 Q16822
15274	KCNMB2 B5BNW7	STX10 K7EK75
15275	MAP4K4 E7EX83	PSMA3 Q6IB71
15276	ZNF138 C9JHF6	BCR/ABL A9UEZ7
15277	CGA Q6I9S8	ZNF540 K7EK80
15278	PTPR0 A0A024RAS9	RUNX1/C20orf112 D1LUZ6
15279	DRD3 Q9NY31	ALKBH7 M0QZI0
15280	DKFZp686M19106 Q5H9P4	HLA-C H6V083
15281	KEL E7ETW3	PPIL2 Q13356
15282	CTNNA3 F2Z2R0	PRDM15 E7ER26
15283	LTA W6A1P7	ND5 A0A0A0PQ79
15284	PLIN1 O60240	DKFZp547A0616 Q5JQ44
15285	IDNK Q5T6J7	TAS2R20 P59543
15286	XPNPEP2 O43895	ZNF530 Q6P9A1
15287	TMEM19 Q96HH6	DST H0YAT7
15288	HLA-B I0LEY6	KCNIP1 A0A087WTU8
15289	HLA-C F4YU77	ABCB4 E5LR39
15290	IQCA1 A0A0A0MSY6	HLA-A R4ZGM9
15291	CCR5 A0A089G3M8	SLC19A2 I7BB09
15292	IFI30 P13284	C1GALT1 C9K0C8
15293	HLA-C G0Z8F7	INSL6 Q9Y581
15294	LRRFIP2 C9J321	ADGRL3 E7EUW2
15295	ZBTB10 Q96DT7	SBN02 K7ERL2
15296	DYNLL1 F8VXL2	FGF2 A0A087WUF6
15297	AR C0JKD7	GJA8 A0A097IW90
15298	HLA-A D6PZZ2	ASCL4 Q6XD76
15299	CDS2 O95674	ETV6 H0YG25
15300	HLA-C C7FDU1	TLN2 Q9Y4G6

15301 RP11-311P8.3|A8KAF9 C10orf28|D3DR60
 15302 CYTB|C7B2W2 SEH1L|Q96EE3
 15303 STAT6|G3V2H4 KIF2C|Q99661
 15304 PPP1R12C|Q9BZL4 ND5|A0A059QUY8
 15305 HLA-B|F4NBZ5 ATP6|A0A059QPL3
 15306 HNRNPA1|F8VZ49 ND1|A0A023QR60
 15307 DOCK5|H0YB14 ZNF500|K7EIH1
 15308 RPH3A|F8W1K7 HLA-C|A0A0A7C4Z5
 15309 ND5|H9M4P2 PER1|Q6IN51
 15310 ANKRD11|Q6UB99 HLA-DR15|J9PW10
 15311 FTHL17|Q9BXU8 HLA-C|Q30204
 15312 ZNF77|Q15935 TGS1|Q96RS0
 15313 ALKBH5|K7ER58 HLA-DPB1|A0A0A7C9B7
 15314 SDS|F8VXS0 STK38L|F5GY51
 15315 PROKR2|Q8NFI6 WARS2|Q9UGM6
 15316 HLA-DRB1|B2ZCY0 HDLBP|Q2HJC8
 15317 B3GALT6|Q499Z2 HLA-DQA1|Q67AI2
 15318 X11L2|Q9UPY9 NPC1|K7ERM4
 15319 ENO1|K7EM90 CRYM|Q14894
 15320 CBX3|Q13185 TDRKH|E9PKN8
 15321 S100A13|Q99584 UTY|F4MHG9
 15322 RHD|B4F4S7 HLA-DPB1|A0A0A7C9U1
 15323 CYTB|F2WFF4 LARP7|H0YA82
 15324 RAC2|B1AH79 ATP6|A6ZIR4
 15325 REXO2|H0YF66 SARS2|A0A024R0H0
 15326 HLA-C|G1EMR1 ANAPC15|F5H2T3
 15327 SURF5|A0A024R8C5 PRMT1|H7C2I1
 15328 KRTAP4-8|Q9BYQ9 HLA-B|F8RHG4
 15329 ADM2|Q7Z4H4 TSC22D2|O75157
 15330 NAP1L4|A8MXH2 LZTS2|Q9BRY6
 15331 HLA-DPB1|F2QL92 SCNN1G|P51170
 15332 F8|Q06DL8 KCNH8|Q96L42
 15333 OR13J1|Q8NGT2 ING2|C9J4X5
 15334 LACTB|P83111 OATL1|B4DF03
 15335 HEXA|G3XL80 PEX1Q261Ter|Q96S69
 15336 ACSM3|Q53FZ2 PTD004|Q53SW9
 15337 AFDN|E9PFY5 SERGEF|H0YEL8
 15338 KRT20|P35900 CYB561A3|F5H832
 15339 RPS19|B0ZBD0 NLGN4X|A0A024RBV0
 15340 HLA-B|C6K6H4 MC1R|Q1JUM3
 15341 SHH|Q15465 RET|P07949
 15342 ACOXL|H7C345 STON2|Q6NT31
 15343 TLL1|E9PD25 TSEN54|Q7Z6J9
 15344 HLA-C|F8R1C7 TRPC3|Q13507
 15345 SYT2|Q8N9I0 SLC2A1|P11166
 15346 ADAMTS9|C9JWI2 HLA-B|D5H3H6
 15347 HLA-C|H6V090 LOC100996709|A0A087WY76
 15348 MSX1|E9KXZ6 PRDX4|A6NG45
 15349 PCCB|P05166 SYT5|A0A024R4N8
 15350 CYGB|Q8WWM9 CYP21A2|Q1H8Y4
 15351 SLC27A1|Q96DY3 LOC400499|M0QZD8
 15352 CDH18|D6RIH8 ND5|I3Q509
 15353 TDP1|G3V554 LILRB4|Q8NHJ6
 15354 HLA-A|D7NSP0 TXNDC12|O95881
 15355 HLA-G|Q9BCT7 MPST|B1AH49
 15356 ATP6V0D1|R4GN72 CISD2|D6RCF4
 15357 ELAVL4|P26378 HLA-B|C0LAA9
 15358 KLB|Q49AQ7 CELF5|B4DFI3
 15359 DISP2|A7MBM2 BTAF1|O14981
 15360 CKB|G3V4N7 DTX2|C9JY61
 15361 TMEM38B|X6RGH1 TESC|Q96BS2
 15362 ARSD|P51689 MMP27|Q9H306
 15363 COX2|H9SYF8 ACTN4|K7EP19
 15364 HLA-DRA|B0UXD8 HBP1|H7C4S2
 15365 AMTN|Q6UX39 GCFC2|P16383
 15366 WDR45|G8JLI5 PRPF31|F1T0A5
 15367 MUSK|A0A087WSY1 SLC16A3|J3QLE3
 15368 SLC1A6|M0R1V3 ND1|A0A023R4Q0

15369 SCN3A|Q9C007 UTY|F4MHI2
 15370 GPR6|F1DAM6 HLA-DQB1|A0A0A7C7H9
 15371 NKIRAS2|Q9NYR9 HLA-B|G8ZB26
 15372 GRM1|Q13255 SLC40A1|Q9NP59
 15373 GK|A0A024RBY6 ACVR1|F5GY91
 15374 SC02|O43819 PQBP1|O60828
 15375 SLC35B2|Q8TB61 ZNF567|Q8N184
 15376 APC|E9PFT7 KIF5B|P33176
 15377 HEL113|V9HWE1 SEC14L4|B3KSF0
 15378 SULF1|Q8IWU6 HLA-C|D7NPC9
 15379 HLA-DQA1|O19760 HLA-B|D3U3M0
 15380 PLAT|B4DNJ1 APLNR|P35414
 15381 GALT|Q14379 EIF1AD|E9PNH5
 15382 FES|E7EMJ7 EBP|A0A024QYX0
 15383 MMP17|Q5U5M0 NOMO3|P69849
 15384 NEK6|Q5TBG1 CUL3|Q13618
 15385 ND1|Q4F666 SYNPR|B3KVD8
 15386 MTG2|Q5JXJ0 hCG_16873|A0A024R4X4
 15387 HLA-A|A0A0A7C5M0 ATP8B2|P98198
 15388 DPEP1|Q6I9V1 CD97|P48960
 15389 ZNF221|K7EIT6 ND5|R9Y2A0
 15390 CHRM1|Q53XZ3 OPTN|H7C1H4
 15391 CENPJ|F6VUX8 GPR139|Q6DWJ6
 15392 MAPK13|Q6FHR4 ZKSCAN2|Q63HK3
 15393 PSG9|Q00887 FGGY|Q96C11
 15394 PTHR2|Q53T35 GMNN|C9K0U5
 15395 ABCA5|Q05C38 ANXA2|H0YNA0
 15396 HLA-A|Q5D1X2 VEZF1|J9JIC7
 15397 DKFZp68600215|Q7Z3H5 HLA-B|A0A0A7C7N3
 15398 TEX10|Q9NXF1 PLD2|Q86YQ7
 15399 PPM1G|Q6IAU5 LOC553158|A2RU51
 15400 HLA-A|F6IR33 UTY|Q6IPS8
 15401 ABCB9|F5H4Y2 KLK4|Q5BQA0
 15402 PPOX|F5GZT7 MICB|E0AG58
 15403 LSP1|C9JU59 MYC|B3CJ74
 15404 CCT7|Q99832 GTF2H2C|D6RGC9
 15405 HLA-B|F4YTC4 ESR2|Q7LCB3
 15406 MTPAP|Q9NVV4 ZNF365|Q70YC4
 15407 NADH5|Q4GEN5 FAM134C|Q86VR2
 15408 ND1|H9QH30 PIK3C3|K7EKH3
 15409 ZGPAT|H0UI97 PIK3CA|Q4LE51
 15410 SAXO1|Q5VZT6 HLA-B|C9WCX1
 15411 NPR1|P16066 FOXD4|Q3MI95
 15412 PABPC1|A0A024R9E2 GBA|P04062
 15413 DTX2|E7ET89 PTPRC|M3ZCP1
 15414 STAT6|G3V370 CFTR|A0A096ZUH4
 15415 MAP3K19|H7C041 ADAMTS13|Q76LX8
 15416 FMNL2|Q96PY5 ZNF181|Q2M3W8
 15417 TMEM225|Q6GV28 PSMB2|B7Z478
 15418 STM7|Q7KYT6 ND2|H9SX38
 15419 PPIG|Q2NKQ6 HLA-B|D7NPM0
 15420 PTAR1|J3KQP8 ND5|Q9B2Y4
 15421 ARHGEF7|E7EUY6 ZNF479|Q96JC4
 15422 FCGR1C|A6NKC4 IREB2|P48200
 15423 ATP6|H9PI66 LIPK|Q5VXJ0
 15424 COX1|X5BMX5 CHRM5|Q6NUM3
 15425 SGOL1|B5BUA4 BRWD3|Q6RI45
 15426 HLA-DRB1|D5FIE5 SPRY1|D6REX7
 15427 DKFZp686E1183|Q7Z3V9 ZNF804A|A5PKU0
 15428 AHNAK|Q09666 MDM2|A0A0A8K9H4
 15429 HLA-A|I0BW39 HNRNPLL|H7C464
 15430 ZNF134|Q6PJU4 RFC4|C9JTT7
 15431 RAVR2|Q9HCJ3 RAD52|F5GX32
 15432 TRNP1|Q6NT89 GABBR2|H9N1L8
 15433 GNAS|H0Y7E8 ND4|Q9B300
 15434 ARHGEF1|A0A024R0R1 KYNU|A0A087WYQ7
 15435 SLC8B1|F8VW44 AT3|Q9UBW9
 15436 DKFZp686N24126|Q6N014 RECK|Q6P9E2

15437	HMOX2 I3L463	ATP8 Q4F0Q1
15438	PTHLH F5GZD9	PTPN14 Q15678
15439	KATNB1 H3BPK1	PIGW A0A087WWS9
15440	CYTB C8YG56	HOXA11 P31270
15441	ZIC1 Q15915	ND4 H9P9L7
15442	DKFZp779M0222 Q68DS2	LIMA1 F8VS07
15443	SLC37A2 A0A024R3J2	ND1 A0A059RP14
15444	TRMT2A F2Z2W7	HLA-C D3U3Q0
15445	FANCD2 Q9BXW9	ITGA4 A0A023IPH8
15446	SV2C Q496J9	stxbp1 Q68CM6
15447	ZRSR1 Q15695	ND6 A0A0A0PWY2
15448	IRF7 E9PR03	ND6 L7S6N1
15449	ARHGAP26 H7C3P8	HLA-C D6MLC8
15450	CYTB Q4F4I2	APPBP2 Q92624
15451	RAP1GAP F2Z357	CYP4A22 A5PKT5
15452	USP17L24 Q0WX57	PRAMEF25 A0A087WVD2
15453	COX1 D6N4H5	DAZ1 Q9NQZ3
15454	ZNF532 A0A024R283	FOXP1 A0A0B4J2F3
15455	ATP1A3 M0R116	hCG_21098 A0A024R383
15456	TRIM39 A2AAZ3	HLA-A A0A060VCZ1
15457	SOD2 F5GXZ9	CCDC137 Q6PK04
15458	GPR31 O00270	HLA-DQB1 A0A0A7C793
15459	HIST1H1T A1L407	MGAT1 D6RAK2
15460	SLC30A1 Q96KD7	PI4K2B Q8TCG2
15461	ANKRD11 Q6UB99	SLFN11 K7ER38
15462	P2RX2 Q32MC3	ND1 H9RVE9
15463	SERGEF H0YEV5	PROS1 Q1W146
15464	DPP10 B4DKB5	HCR Q0EFB6
15465	ND3 G9LDG9	HLA-DPB1 A0A0A7C866
15466	LGALS3 Q6FGL0	ND5 Q5SAM1
15467	ADAM9 Q13443	ARHGAP44 F5H6L3
15468	HLA-A D9UAY2	ZNF821 O75541
15469	PFKL P17858	COX1 A0A059RIM1
15470	ALS2CR12 Q96Q35	COX3 C4RU97
15471	ATP6 D7NM56	ND3 A0A059RNS3
15472	EGLN3 A6XP73	CKAP4 Q07065
15473	STRN3 Q13033	CABLES2 Q9BTV7
15474	SPIRE1 J3KNG6	HLA-C C6JSY4
15475	OR4A16 B9EIN3	SLC2A8 Q9NY64
15476	EIF3L B0QY89	HLA-G Q6B9Y6
15477	NR1A2 B6ZGR7	SYCE1 A0A0B4J1R9
15478	ERH G3V279	SLC5A7 Q9GZV3
15479	TAS2R1 U3KQT0	TADA2B Q86TJ2
15480	ATP6V0D2 Q8N8Y2	SEPT10 C9JEQ7
15481	CYTB V9J348	ND4 Q7YCF7
15482	GMNN O75496	LOX Q96PQ9
15483	ZFX B7ZKJ5	TUBB2A A5D906
15484	CEP57 F5H1B0	FXYD6 E9PHZ3
15485	ZNF593 O00488	SDHA A0A024QZ30
15486	B4GALT6 J3QQY9	HEL-S-64p V9HWJ1
15487	LCAT J3QKT0	HLA-C H2BDR2
15488	MSX1 E9KXX7	GZMB E9PRD7
15489	SERPINB4 P48594	COX2 Q0Z7D8
15490	ZNF222 K7EN43	HLA-DQB1 L0BXW3
15491	NADH5 Q4GW31	ANXA2 H0YMW4
15492	PPP2R2D Q66LE6	SGIP1 Q9BQI5
15493	ALG5 Q9Y673	POU2F1 A0A024R8Y2
15494	ANXA2 H0YNA0	SPEF2 Q9C093
15495	ND2 G9LJA4	HLA-C G1ENP0
15496	JAK1 P23458	KYAT1 Q5T278
15497	RPL23A A8MUS3	HLA-C K7P5W4
15498	SPTBN1 Q01082	UGT1A4 P22310
15499	PRNP Q540C4	LOX P28300
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15501	ATP6 A0A059RHL4	XRN1 C9JCZ8
15502	ZNF225 K7ENA2	CADM1 Q9BY67
15503	POT1 H7C0Z6	ND1 J7KBW8
15504	MYC B3CJD3	NADH4 B9EDU9

15505	CYTB V9N3D7	TRIT1 Q9H3H1
15506	FSHR C9JDA1	COX1 A0A059RS64
15507	MACROD1 Q9BQ69	KCNA3 P22001
15508	KIF12 Q96FN5	DVL3 Q92997
15509	SORBS3 H0YB51	QPRT Q15274
15510	HLA-C M9P943	GSR H0YC68
15511	DSCC1 Q9BVC3	STRADA J3KSK5
15512	CYP3A43 C9JA26	MEMO1 Q9Y316
15513	CD59 H0YET2	HLA-C F6IQL1
15514	ATXN3 D3VVL3	OR1Q1 B9EIK1
15515	HP A0A087WU08	RPL5 B3KTM6
15516	C11orf49 Q9H6J7	ICA1L C9J101
15517	ARR3 D6RCT3	ORC5L Q9UDM8
15518	ZNF208 O43345	C1orf51 Q8WVX4
15519	DHX38 Q92620	UTY F4MHR1
15520	CAMK2B E7ETC9	TCF4 P15884
15521	COX1 E5DY63	SLC35F1 Q5T1Q4
15522	PIGN K7ERX5	MRPL54 Q6P161
15523	MAGEF1 Q9HAY2	SHOX2 A0A087WVB7
15524	TARDBP A0A087WX67	ND2 A0A097QDU5
15525	HLA-C C6K4K0	COX2 K9M370
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15527	SEC23A Q15436	DDX11 F5GYY1
15528	HLA-C C7FDU3	ND2 G4VZN3
15529	ROS1 Q5H8Y1	UGP2 C9JUW1
15530	NLRP4 Q96MN2	ARNT2 H0YKW1
15531	HLA-C C0KJX8	RPS7 B5MCP9
15532	ND1 L7NW09	ND6 Q305R6
15533	ND6 U3LZ23	DCAF10 Q5QP82
15534	ENDOU P21128	HLA-B G1EPX7
15535	GNE Q9Y223	AGBL3 Q8NEM8
15536	ZNF620 C9J967	DLD P09622
15537	NIN R4GN85	COX2 A7LF11
15538	LIN7A O14910	HLA-Cw A1KQR2
15539	TMSB4X Q0P5U7	ANKRD6 Q9Y2G4
15540	ZNF717 Q9BY31	CYP3A4 Q7Z448
15541	METAP2 F8VZX9	HLA-B K7WPE6
15542	TRPM3 A2A3F7	RGS19 P49795
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15544	NRGN A0A024R3M7	ARL8B A0A024R2D4
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15546	AR D3YPQ1	C1orf51 Q5TB12
15547	TRPA1 H0YAW0	RABGAP1 H9NIL4
15548	GNPNAT1 Q96EK6	HLA-C D0EP73
15549	MSX1 E9KXY0	HTRA1 H0Y7G9
15550	TSC22D4 H7BZ77	SLC26A6 F8W9I8
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15553	GBA3 A0A087WWR5	FKBP7 F8WE12
15554	STAC Q8WUK8	TBCD I6L959
15555	H3F3A B2R4P9	RBFOX2 B0QYY4
15556	MDM2 F5H4Q8	ND5 R9Y6Z7
15557	ACTR3 F8WDR7	ND1 A0A097PX64
15558	TPST1 C9J3I4	SEC22C C9J2R1
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15568	FST P19883	APOL6 Q9BWW8
15569	CD1A P06126	TBC1D15 Q8TC07
15570	TECR Q9NZ01	ZNF167 A7MAY2
15571	RAD51L3 Q7Z790	CTSL P07711
15572	RFWD2 X5DNY7	HLA-A Q6V117

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15574	ND2 F2WIJ8	NADK J3QRC0
15575	CHRNA6 Q15825	SMAD4 U6BKH8
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15580	TCEB3B Q3SY90	SYP P08247
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15584	ND5 L7XZ93	ND4L A0A059QJH2
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15588	GAP43 Q5U058	NDUFS7 O75251
15589	POT1 V9GZ00	HLA-C V5NQY7
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15593	MACF1 Q6IPG6	HEL-S-5 V9HWA0
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15595	SRP19 P09132	OCTAD1 Q9NX40
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15597	VPS8 Q8N3P4	RPS6 A2A3R5
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15609	AKAP8L B3KMD4	G6PC2 Q9NQR9
15610	HLA-C U5YC48	CYTB L7SCW4
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15612	PLB1 H7C012	SKP1 E5RGM4
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15615	RNF139 Q8WU17	NEU1 Q6Q4G8
15616	MXD1 C9JBE8	ECH1 Q13011
15617	TRPC4 Q3KR50	BAIAP3 O94812
15618	ORC1 Q13415	ALDH2 B0LUG2
15619	AQP5 P55064	SERPINB10 P48595
15620	ALD Q6TGM2	SENPA8 H3BTK5
15621	NRP1 Q5JWQ6	PSMD1 Q05BX4
15622	NUBP2 H3BNS4	CAPSL D6RHD7
15623	RHD G8YY11	CRHBP P24387
15624	TAS2R50 P59544	CTSK Q6FHN2
15625	HLA-DR15 M9P8M9	ZBED8 Q8IZ13
15626	PERB11.1 Q99696	WARS G3V3X0
15627	COX3 A0A059RW26	ARNTL2 H0Y5R1
15628	CPLX2 D6RI05	GORASP1 Q9BQQ3
15629	CYTB A0A0A0PQ62	ZNF235 K7EL19
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15631	METTL21B Q96AZ1	SLC16A7 O60669
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15633	SCCPDH Q8NBX0	NSMCE2 E5RHW9
15634	SULT1C4 Q6PD90	SPAG1 Q07617
15635	TUSC2 O75896	NADH5 Q4GUX8
15636	PERB11.1 P78551	HLA-C Q0MT77
15637	POU5F1 B5B8P7	pk D4Q8H0
15638	SH3BGRL O75368	RHEB C9J931
15639	Nb1a10317 Q3LIA3	PEX14 O75381
15640	HLA-Cw*0707 O78213	ZIK1 F5H435

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 15643 FAM13B|D6RAT6 SPTBN4|A0A024R0N6
 15644 FLT3|P36888 FFAR4|Q5NUL3
 15645 ATP6|Q4F3S9 MED13L|H0YHC1
 15646 NEK3|F8VTT4 HLA-C|D7NP25
 15647 MREG|C9JAG4 SLC22A16|X6RE50
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 15649 PPT2|A0A024RCQ8 CCHCR1|E7EPK4
 15650 ND4L|A0A059RTH2 BST1|A6NC48
 15651 ZNF212|H7C589 HLA-B|D3U400
 15652 COL4A3BP|Q9Y5P4 FAM71C|Q8NEG0
 15653 BABAM1|M0QYV1 HLA-B|I4EC43
 15654 MPV17|P39210 ATP6|A6YX94
 15655 PUS1|Q9Y606 PLSCR3|Q9NRY6
 15656 SEMA3F|Q13275 BMP2|P12643
 15657 TTLL5|Q6EMB2 PHOX2A|O14813
 15658 KEL|E7ETW3 RHCG|H0YKQ3
 15659 UTX|Q590H7 PRDM9|D2K7F0
 15660 MCM2|Q9BWF4 CNTNAP2|B7Z1Y6
 15661 PPFI A3|A0A0C4DGR8 POU5F1|B5B8Q3
 15662 PVRL2|Q7Z458 CYGB|Q8WWM9
 15663 RSF1|H0YCN2 ONECUT3|O60422
 15664 PEG10|B4DSP0 SYNGR2|O43760
 15665 MRPL12|P52815 SYBU|E9PRT7
 15666 CDC40|H0UI46 NR2B3|F1D8Q7
 15667 SERP1|Q9Y6X1 NBL1|P41271
 15668 ND4|A0A068BXG7 PLAUR|M0R383
 15669 FOXP2|O15409 MYO18B|F5H6I8
 15670 TSC2|X5D2U8 COX3|G4W2K2
 15671 KIAA0922|A2VDJ0 XPOT|F8WDU6
 15672 DPH1|A0A0A0MTR4 RPS6KA5|H0YJE1
 15673 SCAMP5|H3BNW6 HLA-A|E2DH80
 15674 OPTN|Q96CV9 COX2|A0A097PWR7
 15675 ELM01|C9J5X3 NFASC|O94856
 15676 ND4|A6ZGQ9 SERPINH1|P50454
 15677 ND2|L7SM42 TYK2|H0YCT7
 15678 GPSM2|P81274 MSI2|Q96DH6
 15679 HK1|B1AR63 UGGT1|Q9NYU2
 15680 HBB|Q9UK54 HLA-DR15|M9P8N0
 15681 TNFRSF21|A0A024RD40 ND1|Q4F4Q9
 15682 DNCI1|A4D1I7 RSG1|Q9BU20
 15683 CFTR|Q6KEI7 FAM109B|Q6ICB4
 15684 M6PR|H0YGE9 CYTB|W8D996
 15685 SRSF9|S4R3G0 GJC1|P36383
 15686 ID2|Q02363 LCLAT1|C9JXY8
 15687 FUT5|K7ENC0 EMR1|Q14246
 15688 HSP90B1|F8W026 CYTB|X5C498
 15689 POLE|A0A087WW42 DLAT|H0YDD4
 15690 GALNTL6|Q49A17 HLA-DQB1|A0A0A7C6I3
 15691 SLC20A2|Q08357 TPSD1|Q9BZJ3
 15692 COX1|F1AK66 ALDH1A3|H0YKF9
 15693 ALAS1|P13196 FIS1|Q9Y3D6
 15694 SLC27A1|B7Z225 ND1|F2WE76
 15695 ND3|Q6VK65 KAT5|E9PJI1
 15696 MED22|E9PGW7 OR10C1|A0A087WY02
 15697 CLK3|H3BUL5 H2BFM|A9UJN3
 15698 CYTB|B7ZIW0 HLA-C|D7NQY0
 15699 USP48|Q86UV5 PRSS37|A4D1T9
 15700 GANAB|A0A024R592 RALYL|E5RG71
 15701 UBE3A|Q9BUI6 TINAG|Q6NSC1
 15702 BPTF|A0A0A0MR81 HOXA11|H0YIA6
 15703 ND6|V9J4J6 ND6|A0A059QTJ2
 15704 HLA-A|M5ETC1 PAK1|B3KNX7
 15705 VAMP2|J3QRU4 LIMCH1|E7EPK0
 15706 ZNF224|Q9NZL3 IRGQ|B7ZMD6
 15707 KLF11|O14901 SLC26A8|Q96RN1
 15708 HLA-B|D5FWD8 ND3|A0A059RUV4

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 15710 NAT2|A9X844 BAIAP2|I3L113
 15711 MFAP2|P55001 CAMK1|B5BU41
 15712 CYTB|Q4F0B3 HLA-C|I6NN86
 15713 RUVBL2|M0R0Z0 GSTT2|G9J6Q5
 15714 EPRS|Q3KQZ8 TNFAIP3|Q5VXQ8
 15715 CYTB|B2KLH3 SLC17A3|H0Y8R7
 15716 COX1|N0BWE9 mer5|Q14579
 15717 COX3|F2WHZ5 LST1|Q5HYT5
 15718 CDKN2B|P42772 PDE1B|B4DK72
 15719 RENBP|H7C2G7 MUT|T1WHH0
 15720 HLA-DPB1|A0A0A7C8A7 HLA-C|C9WES8
 15721 SPZ1|D6RFL8 NDUFB4|O95168
 15722 atp8|T2HIA7 RAB3GAP1|Q15042
 15723 DARS2|Q6PI48 HLA-C|C9WEV2
 15724 CCR5|A0A089H960 RPS13|J3KMX5
 15725 ATP55|Q99766 AIP|D0EKE6
 15726 MED26|M0R064 PM20D2|Q8IYS1
 15727 FFAR4|S4R3L2 KIF9|A0A024R2R8
 15728 C1orf51|Q5TB13 ITIH6|Q6UXX5
 15729 COX3|H9E7L2 UBE2F|Q969M7
 15730 AMOTL1|A0A024R3A6 ADAM19|Q8TBU7
 15731 PRCP|E9PNJ1 XPO4|Q9C0E2
 15732 HLA-A|D6MKZ0 LMNTD1|F5H719
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 15734 IL1RN|P18510 DESI2|Q9BSY9
 15735 AIPL1|F1T0C0 HLA-DQB1|S6CQA4
 15736 HDM2|I6SST9 LIG1|M0R0Q7
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 15738 CASP8|E7ETB7 RAB4A|A0A087WYT5
 15739 COX2|C8XWJ6 PCDHGC3|A0A087X1P2
 15740 HLA-C|Q30193 HLA-C|Q8SNC7
 15741 PAPOLA|A0A024R6M3 SFXN1|S4R2X2
 15742 DNASE1|I3L1N2 LOR|Q6FHY3
 15743 ND5|R9Y5T9 FGF1|P05230
 15744 SGCZ|Q96LD1 ZDHHC4|Q9NPG8
 15745 PROS1|Q1W148 ND5|M1LK27
 15746 ND3|G5D8J7 IFNA6|P05013
 15747 NARG2|Q659A1 PRMT5|H0YJD3
 15748 TFPI|C9JBB3 COX3|A0A097Q0W3
 15749 HLA-B|A0A0B7MGE0 PMM2|O15305
 15750 GDH|Q9NQ81 USP49|Q5T3E1
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 15752 HLA-B|E7BYA7 GK5|Q6ZS86
 15753 ND3|G9LE27 CNOT3|O75175
 15754 PRICKLE2|H3BNU0 RHD|O75104
 15755 TTYH1|Q9H313 NDUFA7|O95182
 15756 HLA-C|M9P9W6 SPNS1|H3BPQ9
 15757 RGPDI|P0DJD0 ACYP2|U3KPX8
 15758 HLA-C|A0A090KKK1 ABCB4|A7J1R9
 15759 CGA|C0KRQ8 USP17L4|A6NCW7
 15760 CYTB|T1Q5R8 CASP2|A0A087WYM1
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 15762 G6PD|Q0PHS6 ABI2|F8WBL5
 15763 F8|Q003W2 LIMS2|Q53RZ1
 15764 COX1|A0S1I7 HLA-DQB1|L0BW43
 15765 SPHK2|Q9NRA0 CFTR|E7EPB6
 15766 UGT1A7|Q96PP1 BCL7C|Q8WUZ0
 15767 ND3|A0A059QPK2 PPA2|Q9H2U2
 15768 ND2|Q6RPH6 RNF151|H3BNJ8
 15769 DLK1|Q0H2C6 TRIM62|Q9BVG3
 15770 CIRBP|K7EPM4 AOC3|K7EQZ5
 15771 ZDHHC24|Q6UX98 ND1|B2XIR0
 15772 PNOC|Q13519 SLC17A4|Q9Y2C5
 15773 PDE2A|E9PEF1 NEIL1|H3BQU8
 15774 PDZRN3|Q9UPQ7 CALU|O43852
 15775 HLA-DPB1|A0A0A7C906 RNF182|Q8N6D2
 15776 SPTLC1|A0A024R277 LTBP2|Q6AZ94

15777 POLE|F5H7E4 PCTP|J3QT99
 15778 HFE|G3LGQ6 METTL7B|A0A087WZT2
 15779 CNTN4|Q8IYW2 ND5|F2WF35
 15780 MTM1|A0A024RC06 RAD50|H7C0P8
 15781 EGLN2|A0A024R0R2 TBL3|J3KNP2
 15782 HLA-DRB1|L0BXM1 UGT1A7|Q9H3G2
 15783 HLA-A|F2VNF2 MICAL-L1|Q641Q8
 15784 SLC25A18|A0A024R0W0 KRT15|P19012
 15785 COX2|H9LMC2 NNT|D6RAI5
 15786 GMPR2|H0YKK3 ABAT|H3BMJ9
 15787 ZNF846|K7EMP9 ND1|E5FW52
 15788 REEP1|Q9H902 HLA-C|Q6T614
 15789 HLA-C|D7NPC5 RPL6|F8VU16
 15790 CAPSL|D6RHD7 ZNF181|M0R361
 15791 HLA-DRB1|A7UHG5 RRAGC|Q9HB90
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 15793 OR1S2|Q8NGQ3 TDG|B4E127
 15794 DAZ2|E7ENA6 ND1|Q4EYR6
 15795 PMS1|B7ZAA0 COL1A2|A0A087WTA8
 15796 ITGB2|A0A024DAS5 MDM2|Q8TE46
 15797 NAE1|H3BMR3 SPNS1|H3BR82
 15798 FLT4|A0A0A7DYA9 EPS15L1|M0R165
 15799 PADI3|Q9ULW8 ENTPD6|H0Y3D0
 15800 ZMYM3|Q14202 ABCB9|Q9NP78
 15801 ENOX2|Q16206 PRICKLE1|F8W1J1
 15802 RUNX1T1|W8FW28 DGKZ|Q7Z5X8
 15803 ADPRH|P54922 USP17L17|D6RBQ6
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 15805 HLA-C|M9P9Y4 PLAG1|Q6DJT9
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 15812 TRIM22|C9J060 NMRK1|B3KN26
 15813 STAU2|Q9NUL3 GJA8|X5D7G1
 15814 CACYBP|Q9HB71 DNHD1|D3DQT9
 15815 CYB561A3|F5H832 TALDO1|E9PM01
 15816 HER-2|Q9UK79 MYO10|A0A0A0MQX1
 15817 APC|P25054 DEDD2|Q8WXF8
 15818 DKFZp686K0193|Q7Z3K4 PDE6H|Q13956
 15819 HERC5|Q9UII4 ZXDC|H0YAA9
 15820 FLJ32130|A0A024QZC7 AASDHPPT|Q9NRN7
 15821 CACNA1S|B1ALM3 CSTF2|B3V096
 15822 FST|A0A024QZU6 AARSD1|L7N2F4
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 15825 GTF2H1|P32780 HLA-A|F6IQX2
 15826 CDH13|H3BV21 DARC|A0A059T9V8
 15827 STS|P08842 FOLR2|P14207
 15828 HCR|A9XAG5 NONO|H7C367
 15829 PSIP1|O75475 ZNF567|Q8N184
 15830 MAPK15|Q8TD08 LST3|Q5JAR5
 15831 MTMR1|F8WA39 ZDHHC11|H0Y9D0
 15832 QARS|Q96AW5 COX2|Q4F4V6
 15833 SMTNL1|E9PPJ3 TSNAE1|Q96NA8
 15834 COI|U3M9P7 HLA-C|C7FDW1
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 15838 ALPI|A0A024R4A2 TNFSF9|P41273
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 15840 HLA-B|D4HPJ7 PTRF|Q6NZI2
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15848	MORF4L1 H0YM21	HLA-DPB1 A0A0A7C755
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15851	PTK2 Q05397	RAD51 Q9NZG9
15852	CATSPER1 Q8NEC5	TBX18 U3KQH2
15853	SCRN2 Q96FV2	EIF4A2 F8WE11
15854	CAP2 A0A087WZ15	UBE2D4 Q9UQL0
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15856	USP45 D6RC01	EMD P50402
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15858	APBA2 Q99767	NUAK2 Q9H093
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15860	CYTB Q0Z7E2	SPTLC3 Q9NUV7
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15862	ALDH3A1 C9JKT2	TRAM1 Q15629
15863	DKFZp686I0746 Q6MZZ3	HLA-C F2VNQ7
15864	CYTB Q6VIN3	HLA-DQB1 V5JAC5
15865	ZNF276 I6L9I3	CACNA1B Q9HBG3
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15872	PRDX2 A6NIW5	C1orf210 Q8IVY1
15873	NEDD4 P46934	RPL27A Q6NZ52
15874	PPP2R5C H0YJ49	ATP6 B3DE47
15875	HLA-C E9ABX9	NUP107 H0YG15
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15877	BCAR2 Q05GC8	TNFSF8 Q52M88
15878	HLA-A F2VJ8	LOC125893 A0A024R4J0
15879	RPS8 Q5JR94	ND3 A0A096WBL4
15880	PIWIL4 Q7Z3Z4	AKIRIN1 Q9H9L7
15881	METTL3 F5H6D8	LRRC38 Q5VT99
15882	HLA-DRB1 F2X658	F8 E3VWA2
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15884	YES1 J3QRU1	ND4 A0A075X8B5
15885	GCSH Q53XL7	ZNF790 E9PQ03
15886	SCYL1 E9PK59	H_YH98E06.1 Q71UM3
15887	SOX12 O15370	ATXN3 G3V3T0
15888	MX1 H9KVC9	XBP1 B1AHH1
15889	CTC1 J3KSZ1	SEC61A2 A6NIF9
15890	ZDHHC23 Q8IYP9	GTPBP8 C9J0K3
15891	C1QA P02745	ND5 A0A059RUF6
15892	RUNX1 Q01196	RNF25 Q96BH1
15893	UGT1A1 P22309	HLA-DPB1 A0A0A7C8K0
15894	ND5 F2WH89	TBX20 C1INI1
15895	HOXA11 P31270	DPF2 J3KMZ8
15896	SOD2 F5H4R2	PNPLA2 G4WMG7
15897	ABCC3 H0Y9T4	DNAH11 H9NAJ7
15898	CAMKK2 A0A024RBP6	ATXN3 D3VVC0
15899	KIAA0586 G3V5U9	TSPEAR Q8WU66
15900	GTLF3B Q8N6N6	RAD18 C9J0Q4
15901	F8 A6NAE8	AATK H7C175
15902	ND5 V9JTH7	ARHGEF7 E9PDQ5
15903	CYTB E2JK12	HFE A0A097CK82
15904	TTBK2 H3BTY5	ZNF106 H3BS99
15905	GFAP K7EKH6	ND2 F2WY8
15906	MORC3 Q14149	CHRFAM7A A0A0A6YYA8
15907	GDPD5 H0YEF5	AGAP3 H7C5G0
15908	HLA-C F8SL02	DKFZp686P1738 Q5HYB0
15909	COX5B Q6FHJ9	AGAP3 H7C5G0
15910	EIF3S2 Q5U0F4	HLA-DPB1 X5MNS0
15911	MTFP1 Q9UDX5	TUBA3C Q13748
15912	PGM3 D6RIS6	CD109 F1C639

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 15914 SORBS2|O94875 DTX3L|Q8TDB6
 15915 PRMD9|D9IWN0 HLA-C|G0ZDW6
 15916 IFI44L|Q53G44 RASGEF1A|Q8N9B8
 15917 PHKG1|Q16816 BRSK1|K7EN26
 15918 TAF6L|A0A024R5A7 hCG_2016179|A0A024RB64
 15919 ND5|Q4F4F8 CYTB|A6ZB95
 15920 OAZ3|H0Y7Y4 ACTN1|G3V380
 15921 TPH1|B3VRX0 ND5|Q2LHB7
 15922 EIF4A1|J3QLN6 MAGI2|Q86UL8
 15923 ZNF7|E9PIH3 HLA-C|A0A0A7C9V4
 15924 BCAT1|F5H2F2 HCR|A9XAI1
 15925 SPATA22|Q8NHS9 ONECUT3|O60422
 15926 HLA-C|M9PAG3 PGDH3|Q9UMY2
 15927 WLS|Q7Z430 KCNH6|J9JID4
 15928 KLK3|M0QX57 CDH23|A0A024QZL8
 15929 DFFB|Q96P74 RHCE|A0A0A8WG26
 15930 HLA-DQB1|E9PIB1 ST6GALNAC6|B4DU80
 15931 COX3|W8DDQ7 SPRR2B|P35325
 15932 EPHB1|F8WDG5 CACNA2D3|Q8IZS8
 15933 KNS2|Q7RTQ4 PCNP|Q8WW12
 15934 TSHR|G3V381 ING4|A4KYM7
 15935 TGFB3|P10600 OR7A17|O14581
 15936 EML2|K7ELB2 KLK10|W8GJG4
 15937 RGS19|P49795 FDXR|J3QKZ8
 15938 SMYD1|Q8NB12 HNRNPH1|E9PCY7
 15939 BTBD8|Q5XKL5 CERS2|Q5SZE4
 15940 HNRNPL|M0QYL7 PROX2|G3V3G0
 15941 APOL3|A0A024R1G6 SLC25A41|Q8N5S1
 15942 EML2|K7EIZ0 FOXE3|A0A0B5ISY2
 15943 ABHD10|Q9NUJ1 PDNP3|Q9NQM9
 15944 CLEC12A|Q5QGZ9 gamrh|Q6LAJ3
 15945 ZNF485|C9JV60 GYG1|P46976
 15946 TYRP1|C9JZ52 YWHAZ|E5RGE1
 15947 ATP6|H9QLE3 LYZL1|Q6UWQ5
 15948 ND5|Q15ID2 LEAP2|Q969E1
 15949 PCDH9|A7E2D9 COL1A2|P08123
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 15951 ZNF66|M0QY27 RBCK1|B4DML5
 15952 MYB|Q708E3 COX1|A0A059RM34
 15953 SLC8A3|A7E240 HLA-C|K7P4Z8
 15954 MT1G|H3BSS0 RPL24|P83731
 15955 MRAP|Q8TCY5 TLR9|B6CH46
 15956 CHRNAS|H0YM98 GBP7|Q8N8V2
 15957 SLBP|B3KSC5 RIN2|E7EPJ1
 15958 FAAH2|Q6GMR7 COX3|Q5XZR9
 15959 VNN2|E9PRD9 ND5|A8JMI8
 15960 CPAMD8|Q6NVW5 C4BPA|P04003
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 15962 CNN2|A0A087X1X5 ARPC2|C9JTV5
 15963 RASA4B|C9J798 CYTB|A0A097QA23
 15964 TMEM8C|A6NI61 TAS2R1|Q502V6
 15965 HLA-C|E0WBR8 HECTD2|Q5U5R9
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 15967 SEC24C|G5EA31 BRAP|Q7Z569
 15968 ARFGAP3|B0QYV8 OR10A2|Q9H208
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 15970 RXFP4|Q8TDU9 MLL2|Q6PIA1
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 15973 ZCRB1|A0A024R106 CALML3|P27482
 15974 FTH1|G3V1D1 LRPPRC|P42704
 15975 PLXNA4|Q9HCM2 CLTC|Q00610
 15976 GPR56|A0A024R6U7 HLA-B|Q860I7
 15977 SLC7A7|G3V5W2 ASPA|P45381
 15978 CYTB|A0A097KU54 HNRPCL1|Q6PKD2
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15982	COX3 E5DYD2	STON2 Q8WXE9
15983	DCLK1 O15075	H2BFM P0C1H6
15984	COX3 Q305K6	BDH1 C9K0G7
15985	DDB1 Q16531	CYTB H9E7N1
15986	TFDP1 Q5JSB6	FIGF O43915
15987	ND5 A0A097Q6P5	HGD Q93099
15988	RAD51AP1 Q96B01	BRIP1 J3KS24
15989	XRCC2 O43543	TGFBR1 F8VRH6
15990	HLA-C G1EMP8	CADM2 Q8N3J6
15991	ND1 F2WFI1	HLA-DPB1 A0A0A7C8M2
15992	HLA-B K4PXS1	CYTB A0A097Q4K2
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15994	CYP3A43 E9PDL8	RNF212 D6R9L2
15995	HLA-C M9P965	NUTF2 P61970
15996	RBM23 H0YJJ3	SVOP1 Q8N434
15997	HLA-A L7PEX8	SRRD Q9UH36
15998	PRKG2 Q13237	CYP2D6 Q38LF9
15999	LHX3 F1T0D7	PIG59 A8YXX4
16000	ATG5 L7UMD8	PAX9 E9KY40
16001	TMEM55B G3V5T5	WASL A4D0Y1
16002	HLA-C D6MKU0	RHCE K0A0Q6
16003	COX1 A0A096WLG7	ALG8 H0YEE0
16004	GNAT1 P11488	FXN C9JAX1
16005	USP45 D6RC01	EN1 Q05925
16006	HLA-C V5LKJ1	CHRFAM7A A0A0A6YYA8
16007	COX1 A0A0A0QPJ2	DHTKD1 H7C149
16008	IREB2 H0YN46	LYPLA2 Q5QPN5
16009	NUFIP2 Q7Z417	ND1 J7HSS4
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16011	TRPM1 A0A0A0MTR0	LY6D Q14210
16012	CELA3A P09093	DKFZp564M063 Q8NDD7
16013	TRIM5 H7C134	ZNF333 M0R113
16014	ZNF79 F5H032	ERCC4 Q92889
16015	ALF Q53S48	SMAD5 Q99717
16016	BARHL1 B7ZMC8	OR2B3 O76000
16017	RAET-1E I4EPL6	PFKFB2 B0FLL2
16018	H0XD11 P31277	MST4 Q9P289
16019	TMEM63B H3BLW6	RIN1 Q13671
16020	MAGEC1 O60732	RHCE A0A0B5JDJ1
16021	TBL3 A0JLS5	ZSCAN30 K7ERA9
16022	HLA-C C0KJV2	AKAP17A X6RAJ1
16023	P2RX4 Q99571	KCNA5 P22460
16024	HSD17B4 E7ET17	CYTB X5DSD0
16025	ZNF134 P52741	REV3L F2Z3A1
16026	HBA2 Q96T46	CREB1 Q53X93
16027	ND6 G9LGV6	STAT4 Q53S87
16028	ADAMTS10 M0QY36	USP5 P45974
16029	G6PD Q0PHS3	ND4 H9Q5A5
16030	UNCX A0A0A7EP75	DMTF1 F8VXY9
16031	ND6 Q305R6	NTMT1 S4R338
16032	CHRNA6 E9PP97	MT1H P80294
16033	DKFZp667I0324 Q658Y5	C11orf60 A0A024R3G9
16034	RBBP5 Q15291	NLRP1 Q9C000
16035	GABRE P78334	VDR T1WSQ6
16036	FAM3D Q96BQ1	HLA-A Q05G01
16037	APH1A Q96BI3	RPL10 X5D7P1
16038	ND2 A0A023QCK0	UTY F4MHE0
16039	CD59 P13987	SON J3QSZ5
16040	FYTDD1 H9KVC6	DNASE1 I3L4C7
16041	DQA1-0103 Q30062	VPS37D Q86XT2
16042	KIFC3 F5H3M2	LIPT1 C9J6A9
16043	ADARB1 P78563	TSGA13 Q96PP4
16044	HNF1A F5H0K0	CHORDC1 Q9UHD1
16045	ND4L A6ZH76	ND1 A0A059R4W0
16046	VPS33B G3V3F9	RP2 O75695
16047	HLA-C V5NQY2	ERH A0A024R6D4
16048	S100A2 P29034	ND2 V9J1J4

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 16051 E2F3|O00716 HLA-C|G1EQH6
 16052 TRIM45|S4R407 PPM1F|Q0VGL7
 16053 CYTB|K7DXU7 USP22|K7ESK0
 16054 HLA-C|S4T753 BTK|U3NG26
 16055 UBA5|C9JRV9 CH25H|O95992
 16056 CSDC2|H7C4E7 BGN|P21810
 16057 FLJ00102|Q8TES8 COI|U3M9Q7
 16058 ACBD4|K7EM05 BACE2|Q9Y5Z0
 16059 CELF4|K7EJW4 ELL2|D6RC27
 16060 CYTB|Q6VIV3 FDXR|J3QKZ8
 16061 ufo|Q15839 ND4|B3GRN7
 16062 HLA-A|C7E580 CTNNA3|Q8WW10
 16063 RGS14|A0A024R7N4 KIF2C|Q5JR89
 16064 COX2|A4ZKZ0 ETFDH|Q16134
 16065 ATP6|V5JH69 CDA|Q71UE9
 16066 VDR|F8VPF8 HSP90AA1|Q2VPJ6
 16067 SRGN|P10124 ECT2|C9J0L6
 16068 TEAD1|P28347 CCR5|L7S2Y4
 16069 ND6|H9NWC8 ND1|A0A059RWN8
 16070 ANKZF1|C9K022 ATP6|K9MX48
 16071 PNLIPRP1|E7EX42 ND4|G4W3B5
 16072 PROS1|Q1W148 GPHN|Q9NQX3
 16073 ATP5A1|P25705 ND5|F2WFF2
 16074 HNRNP1|H0YBK1 HLA-A|I0BW42
 16075 IRF6|B1AJU4 ZNF526|H9ZYJ3
 16076 IP011|F8WDV0 DDIT4L|D6RD49
 16077 S100Z|Q8WXG8 SH3RF1|H0YA90
 16078 HLA-A|F8RHD5 IL3RA|P26951
 16079 ND5|C8YFD1 SORBS3|H0YB51
 16080 COX1|E7E4V8 HLA-C|H9BYV7
 16081 ND5|Q4F656 TRPM3|A2A3F4
 16082 ZNF552|Q9H707 EIF3D|O15371
 16083 MSX1|E9KXT0 CD79A|P11912
 16084 POGK|Q9P215 TRIM23|D6RBN4
 16085 SLC14A1|M0QX00 LATS2|A0A024RDM3
 16086 ZWILCH|Q9H900 HLA-C|S5FMM0
 16087 CTH|P32929 PDGFRA|P16234
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 16089 PACSIN3|E9PNM9 ZNF704|Q6ZNC4
 16090 ESX1|A6ZIV0 ZNF777|Q9ULD5
 16091 MVK|F5H092 GSTM2|E9PHN6
 16092 ARF5|C9J1Z8 RHAG|A0A0A0MQS8
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 16095 VDR|Q6T928 HLA-DRB1|Q3LA85
 16096 AFAP1|Q8N556 HSPA14|Q0VDF9
 16097 ND5|H9QDZ8 MSX1|E9KXW5
 16098 SEPT8|F8W8I8 RNASE8|H2FJY8
 16099 GTF2A1|P52655 GNB5|H0YLU1
 16100 SS18/SSX2|Q8IZH0 EPS8|Q12929
 16101 PPP1R42|Q7Z4L9 COX7B|P24311
 16102 HMGCR|D6RIW0 USB1|H3BNM8
 16103 ZNF415|M0QXZ4 RHBDD1|C9K011
 16104 FGGY|Q96C11 ETV2|K7ERX2
 16105 PDIP1beta|Q3C1U4 HLA-DRB1|A0A0A7C521
 16106 PAPD7|Q5XG87 MYH7B|A0A087X0T3
 16107 ALK|A0A087WZL3 TNFAIP3|D3TTY5
 16108 DKFZp686M216|Q7Z3A3 ALK|B6D4Y6
 16109 DYNC1LI2|J3KSD2 ACHE|F8WAR7
 16110 PRMT3|O60678 SYBU|Q9NX95
 16111 RNF19A|A0A0C4DGD6 FBX011|C9IYF0
 16112 HLA-C|A0A0A7C530 TCP1|F5GZI8
 16113 SLC25A29|Q8N8R3 KMT2D|O14686
 16114 COX2|D5M8T1 DHCR7|A0A024R5F7
 16115 MICA|Q9UE02 OR14A16|Q8NHC5
 16116 F8|Q003U9 DPM1|O60762

16117 SLC13A3|C9J4A3 SERPINA6|P08185
 16118 DYNC1LI2|A0A024R6Z0 KNDC1|Q76NI1
 16119 HBA1|Q9NQT3 UVRAG|Q6P1X0
 16120 FANCF|Q9NPI8 MCPH1|Q6RAS1
 16121 RAN|F5H018 ND1|F6N708
 16122 NPFF|O15130 NRBP2|D3DWK9
 16123 HLA-B|S5LSK2 CRIPT|Q9P021
 16124 TBXA2R|Q0VAA9 PGIS|Q6LEN0
 16125 ZFHX1B|Q60F94 HLA-Cw|B3V8S0
 16126 HLA-C|F8R1C4 ZMAT2|R4GMX9
 16127 ATP6|W8D8V4 MNAT1|A0A024R688
 16128 ND5|L7XHT9 HLA-G|O02925
 16129 ANK2|H0Y8Y2 SOX18|P35713
 16130 SLC12A5|M4PNB5 TBC1D9B|G3V133
 16131 MMP25|Q9NPA2 BOLL|F8WD91
 16132 FOLR2|P14207 5-HT7|Q99412
 16133 MTA1|H0YIT0 HLA-C|C8CH96
 16134 FZD6|E5RJG0 PENK|A0A024R7V4
 16135 FGFR1|D3DSX4 F8|Q003V8
 16136 ND5|V9N4K8 TXNRD1|E9PKD3
 16137 RCN2|A8MXP8 RNF121|Q9H920
 16138 SPRED2|C9JG63 RPL3|Q9BT63
 16139 ART3|E7EX61 YIPF2|Q9BWQ6
 16140 NRG2|O14511 SHF|Q7M4L6
 16141 ADAM30|Q8TBZ7 HLA-B|Q4W0W0
 16142 SLC22A18|Q96BI1 ZSCAN20|P17040
 16143 HLA-DPB1|A0A0A7C7I1 ND5|B2XMC8
 16144 CYTB|W5VF19 SHANK2|Q9UPX8
 16145 EFNB2|P52799 OR4X2|Q8NGF9
 16146 Hosa(Japanese)-T2R10|Q50KS3 RAET1H|J7HBD5
 16147 NT5C|J3KRC4 SPINK9|Q5DT21
 16148 LSFR3A|Q9UQN9 HLA-DRB1|Q860S9
 16149 ND1|D3YP12 GRHPR|U3KQ56
 16150 ENGASE|F8W925 HBE1|A8MUF7
 16151 DTL|Q9NZJ0 ABCC1|G0ZCM6
 16152 ZNF74|Q05BG0 TAS1R3|Q7RTX0
 16153 ATP1A1|Q5TC01 DKFZp686E17257|Q68D44
 16154 RAP1B|A0A024RB87 ATP13A4|F8W9W3
 16155 CTNNA1|E5RJL0 MAPRE2|Q15555
 16156 GORASP1|Q9BQQ3 LAMA1|P25391
 16157 PTPN7|E7EUM0 BICD1|A0A087WYJ7
 16158 CPVL|Q75MM4 HNRNPLL|H7BXH8
 16159 MPPE1|Q53F39 TTL5|Q6EMB2
 16160 MUTYH|E5KP26 SGS1|I3NI22
 16161 HLA-DPB1|A0A0A7C916 KCNJ3|D2XBF0
 16162 LSMEM2|Q8N112 COX1|G5D8R7
 16163 EPB41L4B|Q9NX84 ATP6|U3LRA8
 16164 HLA-B|Q8SP64 MUT|P22033
 16165 ND1|A0A097PXL7 PBRM1|H0Y5B5
 16166 NAP1L4|E9PS34 HLA-DPB1|V5JAQ3
 16167 HLA-B|C5J3Z7 CTSB|E9PQM1
 16168 IFITM3|E9PS44 LOC402251|A4D132
 16169 MYC|B3CJD7 DPP10|C9J4M8
 16170 BFAR|A0A087WXR3 MLXIP|Q9HAP2
 16171 TLX2|O43763 ADAM17|A6H8L4
 16172 JMY|Q8N9B5 NADH4|Q4GE93
 16173 APC|Q7Z2Q8 HBB|Q9BWU5
 16174 UTY|F4MHK0 NKRF|Q6NUN2
 16175 HLA-A|D9UB10 FLJ00132|Q8TER1
 16176 CTSA|U3KQU6 RFFL|Q8WZ73
 16177 MEF2A|Q02078 GPX6|A3KN74
 16178 CHPF2|G5E9W2 GLT1D1|Q96MS3
 16179 ADAM32|E5RJY7 SELS|Q6GYA4
 16180 IDI1|Q13907 ASAH1|B1B5Q3
 16181 COX2|F2WJ84 SYBL1|A0A024R074
 16182 KIF5C|C9JWB9 NANS|Q9NR45
 16183 GORASP2|Q9H8Y8 PPP1R1A|Q13522
 16184 ITGB5|V9GYD8 CYTB|R9Y4P5

16185 DAXX|A0A024RCS3 EIF2A|Q9BY44
16186 CYB561|P49447 YTHDC1|Q96MU7
16187 ND1|A0A059RR83 F11|P03951
16188 UROS|A0A087WZB7 ADRB3|B8X6N0
16189 KLHL17|Q6TDP4 COX3|A0A059RHW4
16190 COX3|F1DLM3 HCR|A9XA76
16191 ND1|G9LBQ1 ALG10B|Q5I7T1
16192 SORD|H0YLA4 HLA-C|C7EAN4
16193 CCHCR1|Q5STF0 HLTF|Q14527
16194 F9|Q19UG4 AQP6|Q13520
16195 COX1|H9QFG0 HLA-A|D3U478
16196 RPH3A|F8VNP7 RBPJ|D6REP3
16197 MTG2|Q5JXJ0 NAP1L1|B7Z9C2
16198 SYBU|E9PRT7 DYRK4|Q9NR20
16199 ELMSAN1|Q6PJG2 COX2|H9E7T7
16200 HLA-C|E2D5S1 SNIP1|Q8TAD8
16201 SPTAN1|A0A024R889 PAH|Q66RJ7
16202 HLA-G|Q6B849 HDAC11|B5MCS3
16203 GIT2|Q6FI58 HLA-C|H9BQ93
16204 ATP6|W5VMK3 STAM2|O75886
16205 ARHGAP27|A0A0C4DGE6 MAP3K4|J3KNB8
16206 CYTB|H9EC11 ND5|U3L5J7
16207 GNB5|O14775 ND4|A6Z4U7
16208 ABCC11|A0A024R6Q6 RAET1G|Q6H3X3
16209 FZD3|Q9NPG1 COL28A1|H7BZU0
16210 CADPS2|B7ZM57 SPRR2E|P22531
16211 MUS81|Q96NY9 TTLL12|V9GY16
16212 GOLGA5|H0YK03 HLA-C|D3JTA8
16213 NDUF6B|O95139 EFCAB6|B0QYI5
16214 HLA-B|F0VRV8 EIF2D|P41214
16215 PTPN2|D3DUJ3 TDP1|G3V554
16216 RFWD2|X5DNY7 ND4L|Q0G884
16217 IDH3A|H0YKD0 UBE4B|K7ERA7
16218 CELF1|E9PKA1 AZIN1|E5RIB7
16219 DIO2|Q9C0K2 ATP6|A0A059S701
16220 HLA-DR15|D5FZP4 SS18|A0A024RC40
16221 CORIN|E7EQE7 MTRR|D6RAZ2
16222 MKRN1|C9IY57 ND5|A0A097PW46
16223 SNW1|Q6I9S2 TSSK4|H0YJB1
16224 HLA-B|M9P8U2 UBE3B|Q7Z3V4
16225 DOT1L|Q8TEK3 PIK3C3|K7EKH3
16226 MAGED1|A0A024R254 EPB41L3|A0A0A0MRA8
16227 HLA-A|D5FHM3 CHDH|C9J7D8
16228 ATP6|R4IBN0 ALX1|Q15699
16229 CDK4|F8VYH9 VTCN1|Q7Z7D3
16230 IRF-1|X5CN11 EXOC3L4|H0YNV0
16231 HLA-C|D6MKV0 ASPA|Q6FH48
16232 PPP2R2D|Q6PEG1 SLC35A1|Q5W1L6
16233 HLA-C|R4QU36 RHD|D2CYW8
16234 MED19|J3KR33 COX1|G9C7X1
16235 TPR|A0PJC9 BTK|Q572P1
16236 ADH7|P40394 HLA-C|D7NP10
16237 MKRN2|C9J494 GPX3|H0YC19
16238 HLA-A|C8XTN8 TMEM183A|Q8IXX5
16239 CBARP|Q8N350 HLA-B|F0VRW1
16240 PBX1|A0A087X0P4 SLC7A6|E7EPZ8
16241 TREM1|Q38L15 HLA-C|K7P5L2
16242 HMGB3|E7EQU1 ZNF737|M0R1D1
16243 RSL1D1|O76021 EIF1AD|E9PS76
16244 CTNND1|A0A024R4Y7 UNC45B|Q8IWX7
16245 HLA-C|C0KJY6 CIDEA|Q8N5P9
16246 OBFC1|Q9H668 CASC5|Q8NG31
16247 GPR162|Q96I00 ND6|E5DY33
16248 MPDU1|O75352 FAR2|H0YIE0
16249 PAX-3|Q12777 CMA1|Q4FEB5
16250 GUCA2B|Q16661 HLA-DPB1|A0A0A7CA52
16251 VPS33B|G3V3F9 MDM2|Q96DS4
16252 HLA-A|H9C3I2 VIPR2|P41587

16253 GCHFR|H0YNM1 CPA1|P15085
 16254 ZFHx4|Q5U3C1 PDCD6|A0A024QZ42
 16255 OAS1|F8VXY3 PIGF|Q07326
 16256 SAMD11|I7FV93 PPP2R2B|H0YA16
 16257 PPM1A|A0A024R6A5 FANCM|H0YJ14
 16258 PPIL4|Q6P392 KLHL35|Q6PF15
 16259 HuSAA1g|Q16782 TLR1|D1CS34
 16260 PCGF1|Q9BSM1 CHST12|C9J991
 16261 HLA-C|V5NVX5 SLC25A29|G3V5F4
 16262 RABL3|F8WF50 RPL23A|H7BY10
 16263 ALG8|E9PNE2 NKIRAS2|K7ER26
 16264 ND1|A6YXP5 OR10V1|Q8NGI7
 16265 ASAP3|H0YER8 POLM|Q6PIY2
 16266 HLA-C|R4L8Y9 MSL3|H7BYE4
 16267 HLA-A|K9LC07 TUBGCP3|A0A087WZV5
 16268 COX3|L7XE90 SMO|Q99835
 16269 ND4|A0A059R372 FGR|P09769
 16270 PIGH|H0YLY9 RGPD3|J3KNE0
 16271 SCAND1|P57086 cytb|Q85BA9
 16272 MECP2|D9ZNA4 TBX20|C1INI6
 16273 ADAM11|H7BY08 MGRN1|O60291
 16274 HLA-C|Q8MGY4 ZNF565|Q8N9K5
 16275 PPP1R14B|F5GXC4 GPR61|G4XH66
 16276 RHD|A0A0A1CEV8 PPM1G|Q96IN7
 16277 POLB|E9PIC6 RBL1|E9PNB6
 16278 DUSP28|Q4G0W2 GABRA3|P34903
 16279 CYTB|H9E8K6 MDR3|O43249
 16280 SFXN3|Q9BWM7 CST1|P01037
 16281 HSPC142|A0A024R7L2 WFDC13|Q8IUB5
 16282 POU5F1|D5K9R8 MYB|E9PPL8
 16283 HRAS|P01112 ZGPAT|Q8N5A5
 16284 CS|Q0QEL2 EHMT1|A0A0C4DGF8
 16285 DAPK2|Q1RMF4 ATP6|A0S2R9
 16286 DKFZp686J1497|Q6AWB9 ABL1|R4GRW0
 16287 TRIM17|Q9Y577 OSR2|E5RH47
 16288 PNPLA8|A0A0C4DG51 HLA-B|D9UAY4
 16289 ABCB4|A7K6Y6 PTPRC|Q6QIN1
 16290 RPS6KA5|H0YJE1 EDDM3B|P56851
 16291 CYP39A1|Q9NYL5 STXBP5L|C9JQS3
 16292 MAGEA1|Q8WX99 ND1|F2WHP8
 16293 GEN1|A0A087WXY3 PABPC1|H0YAS6
 16294 ATP6|D7NMA8 HLA-DRB1|R9WRP1
 16295 KAT14|A0A075B6H4 TNP1|Q4ZG82
 16296 CNIH1|O95406 HLA-A|D5FHP0
 16297 MID2|Q9UJV3 PDE1C|Q75MP2
 16298 PDK4|A4D1H4 HLA-A|D5FHR9
 16299 HLA-B|A0A0B7M9W0 PLA1A|H7C4H1
 16300 LACE1|Q8WV93 CHRNA6|E9PP97
 16301 HLA-B|G9I2K7 CYTB|Q4EX71
 16302 B4GALT6|Q9UBX8 COMMD4|Q9H0A8
 16303 WNK2|Q9Y3S1 IRGQ|Q8WZA9
 16304 EAPP|Q56P03 CEL|X6R868
 16305 GTF2IRD2B|Q86Y00 SCNN1D|A0A087WUC3
 16306 ND5|B2XFN4 SUM02|P61956
 16307 BTBD18|B2RXH4 SDF4|Q9BRK5
 16308 SPAG7|I3L4C3 RAB3D|O95716
 16309 AKT1|P31749 ND5|G9LFG1
 16310 KRT23|Q8TC04 XKR3|B7ZMN2
 16311 HLA-DR15|M9P9X5 TOR3A|Q5W0C6
 16312 OR1A1|Q9P1Q5 SRPK1|Q96SB4
 16313 CLPB|Q9H078 ACLY|Q4LE36
 16314 TBX20|Q9UMR3 HEYL|Q9NQ87
 16315 PPIP5K1|H7C436 HLA-A|F2X5Y9
 16316 BCR-ABL1|A2RQD7 AKAP8|Q8NE02
 16317 ND2|H9LQQ4 FGF7|H0YNE7
 16318 HLA-DPA1|Q29ZN3 HLA-C|E7D4X2
 16319 KRTDAP|P60985 IL36A|Q9UHA7
 16320 ACP6|Q9NPH0 CARS|P49589

16321 HLA-DPB1|A0A0A7C9C8 SYNE1|F5GZ83
 16322 SLC17A9|Q5W197 YWHAЕ|K7EM20
 16323 WDR45|H7C5B4 BTBD6|Q96KE9
 16324 UTY|E1U1M2 TRIP10|M0R070
 16325 ND1|Q94P91 EBP|Q15125
 16326 CYP2C19|A0A087X125 DCTN2|A8K8J9
 16327 TCEB3CL2|A6NLF2 CYB|Q0ZFD6
 16328 DKFZp686A17191|Q63HL8 COX2|Q06TE6
 16329 ZNF420|K7ESJ1 INS|A6XGL2
 16330 CYB5R4|A0A0A0MRM6 GUCA1A|A6PVH5
 16331 ACAN|A0A087X1T7 SPRED3|B9EKV1
 16332 PPP5C|H0YDU8 NCAPD2|Q15021
 16333 TEX14|Q8IWB6 HLA-DR15|F8R8N1
 16334 HLA-A|D3U443 MCPH1|Q6RAS3
 16335 PRAMEF5|Q5TYX0 XBP1|B1AHH2
 16336 CPSF2|Q9P2I0 MRC1|P22897
 16337 HPSE2|Q8WWQ2 SLC9A3R2|Q15599
 16338 NOS3|A0A0A0MTA6 HLA-DR15|G1EMW5
 16339 CLOCK|Q3ZCT4 GPX6|P59796
 16340 NIPA2|A0A024R372 WFD10A|Q9H1F0
 16341 ZBTB38|D6RBC4 ND5|R9Y6E0
 16342 AP4B1|B1ALD1 POLRMT|Q4G0F4
 16343 ND6|Q8WCX7 POLL|Q9UGP5
 16344 STIM1|E9PRZ7 SLC18B1|Q6NT16
 16345 CAMKV|Q8NCB2 GOLGA5|Q8TBA6
 16346 ESX1|Q8N693 RAD51C|A0A087WZ35
 16347 NFYB|F8VSL3 SAA2-SAA4|A0A096LPE2
 16348 MYO9A|H3BRD5 HIBADH|H7BZL2
 16349 AKIP1|B4DGE2 PLXNC1|F5H3A2
 16350 ND2|L7XQT2 CITED2|D9ZGF1
 16351 HLA-A|D6MLN9 GSTT1|Q4W252
 16352 ND1|A0A023I7N5 FES|C9J3W6
 16353 HEL-S-130P|V9HWI3 TBC1D3B|A6NDS4
 16354 LGALS3BP|K7EJY8 PJA1|K7EPI8
 16355 ENTPD1|P49961 HEL-S-87|V9HW15
 16356 CTSB|Q6IBC3 ND1|J7HLK4
 16357 MPBOSPH1|D3DR32 CYTB|A0A023QAS9
 16358 SUPT4H1|D3DTZ5 UBE2G2|P60604
 16359 RARRES2|A0A090N7U9 PDHA1|Q9UNV7
 16360 HLA-C|A0A0A7C4S9 IBA57|Q5T440
 16361 HLA-B|Q9MYI4 CYTB|H9RJ53
 16362 CARD4|A0A024RA73 CTRB1|J3QKZ2
 16363 COG2|B7Z2Y2 TNNT2|E7EPW4
 16364 HIC2|Q96JB3 RFNG|Q9Y644
 16365 MFSD1|Q9H3U5 CHST7|Q9NS84
 16366 GABRA2|D6RB77 ND5|Q8HG24
 16367 SLC9B2|Q86UD5 PSMC5|J3QRR3
 16368 ND5|F1DMW9 ZNF419|E5RJT6
 16369 ATP5I|P56385 CYP4A22|A5PKT5
 16370 CKS1B|P61024 CDC25B|B3KS38
 16371 SLC39A3|Q9BRY0 SLC26A4|O43511
 16372 GALNTL5|D3DX14 HLA-C|F6KRW9
 16373 TNFRSF10B|Q6FH58 EXOC6|E7EW84
 16374 MCM2|F8WDM3 COX1|B8RC45
 16375 NDUFA5|C9IZN5 TEX30|A0A0C4DFW4
 16376 UTRN|A0A0A0MSM3 BPIFC|Q5TI88
 16377 MIPOL1|Q8TD10 RPL28|H0YMF4
 16378 HLA-C|W0NTN5 RNF169|Q8NCN4
 16379 ND4|C9D5R1 SLC39A1|Q5T4K4
 16380 IL1B|C9JSC2 VAT1|K7ERT7
 16381 C17orf49|F8W1H0 EEF2|Q6PK56
 16382 CENPBD1|B2RD01 ATP6|A0A068BYY3
 16383 SH2D3C|Q8N5H7 CYTB|A1DTD8
 16384 COLEC11|Q9BWP8 ATP2C1|D6RGE9
 16385 HLA-DRB1|A0A0A7CAZ6 EIF3K|K7ES31
 16386 TAPT1|Q6NXT6 OR10H5|Q8NGA6
 16387 ATP6|Q9B1L8 ATP8B4|Q8TF62
 16388 AGMAT|A0A024QZ78 HLA-B|D5FZK5

16389	OR51A4 B9EIP2	CLCN7 P51798
16390	TAS2R4 A4D1U1	DEFB116 Q30KQ4
16391	METTL17 G3V3X6	ASPG G3V1Y8
16392	CNPY4 Q8N129	KRTAP3-3 Q9BYR6
16393	SCAMP5 H3BTD1	NRP2 C9JH98
16394	BCR-ABL1 A2RQD3	SCHIP1 Q9P0W5
16395	ND5 B8YQJ5	AKAP9 Q6PJH3
16396	STK11 D4P556	PELI3 H0YEM6
16397	ATP6 Q4F3S9	NKX2-3 A0A087WVU3
16398	G3BP2 D6RBR0	PFDN6 Q5STK2
16399	IGF2 E3UN46	EXOC6B J3QT38
16400	COX1 H9E778	DKFZp451B1115 Q86T70
16401	DUSP5 Q16690	ND2 Q4VFX7
16402	PFKFB1 P16118	STAM A6NMU3
16403	EXOC6 Q8TAG9	COL9A2 Q14055
16404	PLEKHG4B Q96PX9	COX1 H9SVK6
16405	ZNF34 Q8IZ26	OGFOD1 Q8N543
16406	ZNF346 Q9UL40	SEL1L Q9UBV2
16407	KCNH2 A0A090N7X5	ATP6 D8L327
16408	HTR3A B3VRG0	CSAD H3BQ59
16409	CIDEC A0A024R2F7	CYTB A0A0A0PXU9
16410	ATP2C1 D6RGE9	GLB1L C9J1Y9
16411	RMI2 Q96E14	EAF2 F8WCI9
16412	HLA-DQB1 F8LFY0	CYTB A6Z0Q9
16413	PAK7 Q9P286	MARCH10 J3KTN9
16414	DSC1 Q08554	SLC9B2 D6R9P2
16415	EGLN3 Q3T1B0	KRTAP4-9 Q9BYQ8
16416	RABL2A A0AUY0	SAE1 Q9UBE0
16417	AGRN A0A087X208	KIAA0907 Q7Z7F0
16418	COX8 Q53XN1	BIN1 O00499
16419	HLA-C M9PAG5	IPPK X6R9A6
16420	GOLGA7 Q7Z5G4	TNFAIP3 D3TTY6
16421	HNRNPH1 D6RIT2	CCS J3KNF4
16422	MXK H0YKC7	ND1 G4W2J6
16423	ND5 A0A097Q432	MERTK Q53R53
16424	IL1RL1 A8VPX0	HLA-A D6PZZ2
16425	MYST4 B2RWN8	CD82 P27701
16426	SCAMP2 O15127	SSH1 F8W1D9
16427	IFITM3 H9NKY4	RB1 Q6DUF0
16428	KIF3A D3DQ90	CNOT9 F8WBZ6
16429	SLC7A60S Q96CW6	PROKR1 Q8TCW9
16430	CREBL2 A0A024RAX5	FSHB Q1W658
16431	ST6GALNAC1 Q8TBJ6	USP21 Q9UK80
16432	ZNF793 K7EMU0	IMPA1 A0A024R830
16433	SCN2B Q5U0K8	FUT6 E9PS22
16434	SH3GL3 A0A024R215	ND6 H9E7J1
16435	RCOR1 J3KN32	ATXN3 D3VVG6
16436	CYTB D7NV35	CYTB A0A096VYC8
16437	COX7A2 D6R9C3	BMP6 Q4JCQ2
16438	CLK4 A0A087WX74	ND5 K9MWA7
16439	CUTA O60888	MATN2 A0A024R9B9
16440	TAP1 Q12847	ZSCAN5A K7EN85
16441	SMC03 A2RU48	DKFZp686J1430 Q5CZ67
16442	MSX1 E9KY15	OAF1 Q96PR6
16443	PTGR2 G3V2R9	HOXA5 P20719
16444	ND2 G9LCQ3	PBX1 H0YLB0
16445	CYTB V9K354	ND5 H9PIQ3
16446	OR10K1 Q8NGX5	ZNF444 K7ELZ3
16447	HLA-C D6ML85	VDR F8VFP8
16448	ELOVL5 A0A024RD61	GPR68 A0A024R6D5
16449	LOXL2 H0YAR1	TEX15 Q9BXT5
16450	ZFR2 Q9UPR6	PAIP1 A0A024R094
16451	MDA5 Q53TB6	NOP2 F5GYR3
16452	ATXN3 D3VVL8	CYTB A0A097KU60
16453	NMT Q9Y465	DNM2 A0A024R7C9
16454	HLA-B Q95IH0	HLA-DPB1 N0A934
16455	NIPSNAP3A Q9UFN0	ATP6 E5E094
16456	LDHC P07864	KBTBD11 O94819

16457	BOK Q53NU8	ADAMTSL1 F8WEP3
16458	LYZG A0A080YV01	HLA-A Q9UM27
16459	TNNT1 M0QZU8	CYTB Q5SA63
16460	DRD3 Q9BXX6	COX2 G5D8N2
16461	STRN3 Q13033	ND6 G4W466
16462	NFE2L2 Q16236	GNB5 A0A024R5R9
16463	HLA-C U5YC75	HLA-A D6CIB2
16464	ERBB4 H3BLT0	COX3 A0A059RS36
16465	HLA-C V5L7G8	FBX043 Q4G163
16466	CSNK1G2 K7EP38	TG P01266
16467	PTPN7 P35236	HES1 Q14469
16468	SLIT2 O94813	GPC4 O75487
16469	NCAPG Q9BPX3	GART P22102
16470	HLA-C G0ZMJ6	F3 P13726
16471	MNX1 P50219	POLR2D Q53T47
16472	CARS2 Q9HA77	HAT1 F8W9G7
16473	RPL18 G3V203	PSMA4 H0YMA1
16474	UBE2M P61081	HPDL Q96IR7
16475	ND5 A0A068BVM3	HLA-C V5J9Y7
16476	TP53 A4GW97	OR1E2 P47887
16477	RAB33B Q9H082	ITPR3 A6H8K3
16478	H2AFY2 Q9P0M6	HLA-A U5YEE3
16479	APOB C0JYY2	SATB1 A0A087WW75
16480	ZCCHC7 Q05DN1	CHN2 B3VCG2
16481	NHLH1 Q02575	HLA-C F2VNR7
16482	COX1 Q6RKZ7	MRPL23 Q16540
16483	PDXK F2Z2Y4	MYO5C H0YMK3
16484	GLP2R Q4VAT1	COPB1 E9PP63
16485	POLR3G A0A024RAM1	FTL Q6DMM8
16486	GCSAM C9JY41	LACRT Q9GZZ8
16487	CS F8VZK9	WAS A0A024QYX8
16488	SFRS5 A0A024R6D8	ND5 R9Y2A0
16489	CELF1 Q92879	PRPF19 Q9UMS4
16490	MSX1 E9KXW7	NXF1 A0A024R5A9
16491	HLA-DQB1 N0A0M1	GGCX F8WCF0
16492	CYTB A0A0A0PZ59	PEX14 K7EK59
16493	SBK3 P0C264	HLA-C F1CCL2
16494	FAM69B Q5VUD6	FLT4 I6ZMK4
16495	HLA-DRB1 R9WRP1	RPGRIP1 G3V3I7
16496	RAF1 L7RRS6	TXNRD2 A0A096LPK7
16497	ND5 B2XMC8	SH3PXD2A Q5TCZ1
16498	PEMT J3QLU8	COX1 E9LAX9
16499	ZNF879 E5RI37	CYTB D2Y5Y5
16500	ND5 D6BZU5	ND2 C8YBX6
16501	UBA2 K7ES38	KIAA1432 Q4ADV7
16502	HLA-B D2DKN8	CASP8 B5BU46
16503	LOC151242 Q53TF4	RSL1D1 A0PJ61
16504	CALN1 E9PFU3	NFYB A0A024RBG7
16505	NR2F6 F1D8R3	HLA-C C9WET7
16506	CAPNS1 A0A0C4DGQ5	CYTB V5JTJ6
16507	THPO Q5FBX4	ND6 F2WG63
16508	DOC2B Q14184	HLA-C C6JSZ2
16509	SULT1B1 D6RD70	LEF1 D6RAB1
16510	OR52L1 Q8NGH7	POU5F1P4 E9LRP2
16511	DKFZp686K07118 Q6N017	ARL6 H7C5H6
16512	ZNF532 Q9HCE3	GK5 Q6ZS86
16513	LRIF1 Q5T3J3	HLA-B D5L9C9
16514	HLA-B L7PG19	OR5A2 Q8NGI9
16515	BMP2 U3N491	ND1 A0A096WB51
16516	BECN1 K7EKK2	OR9Q1 Q8NGQ5
16517	USP17L5 A8MUK1	CAMK2A A8K161
16518	SYK A0A024R244	MX1 H9KVC7
16519	DHODH J3QRQ3	LOXL4 Q96JB6
16520	MARVELD2 D6RA09	COX1 D7PAR1
16521	PHKB Q93100	SUN3 Q8TAQ9
16522	PHF2 A0A087WW48	IL6 C9J5B0
16523	COX3 A1DTV1	NIT2 H7C579
16524	SNRPB P14678	SLC37A1 P57057

16525 ND5|B4YFW0 DKFZp313C1541|Q5HYI5
 16526 hCG_39762|A0A024R4Y2 ORMDL3|A0A024R1W6
 16527 COX3|A6Z9Q7 TMC6|Q7Z403
 16528 TOP2B|Q02880 MEST|C9JWU9
 16529 FAM184A|Q8NB25 SHMT2|G3V5L0
 16530 ST6GALNAC1|Q9NSC7 HCR|A9XAC7
 16531 HLA-B|M9P8G8 CXorf34|A0A024RCF5
 16532 HLA-C|A0A090KKK1 SUGP2|M0R2Z9
 16533 CYP26B1|E5RHM2 SYNJ2|H0YEV8
 16534 HLA-A|C6K4H6 KCTD13|Q8WZ19
 16535 USP33|E9PQP0 ND6|A0A059RIA0
 16536 MACF1|Q9UPN3 ND1|G9LJ51
 16537 TPX2|Q96FC3 HLA-DQB1|A0A0A7C8F6
 16538 POU5F1|B5B8P3 ZNF283|K7EPC6
 16539 HLA-C|V5L5P4 ATP8|Q3S937
 16540 CD74|E7EQJ3 CCRL2|O00421
 16541 HLA-A|F6IR32 ATP6|A0A023I8F1
 16542 KIAA1109|Q2LD37 KIF13B|A0JLQ2
 16543 DKFZp313I0334|L7MTJ6 ATP6|H9S0I6
 16544 EXTL3|O43909 TAF1D|E9PM59
 16545 ISL2|Q96A47 RHCE|D4P3E5
 16546 PGF|P49763 ST8SIA2|Q4VAZ2
 16547 KRT17|Q04695 KLHL22|C9J5F8
 16548 GCOM1|H8Y6P7 CHRNA7|Q5W554
 16549 CYTB|G9LKF5 STK35|Q8TDR2
 16550 PSM8|X5D2R7 CYTB|G9C885
 16551 CADPS|A0A0C4DGY2 ZNF202|E9PM99
 16552 COPS8|Q99627 ND2|Q4ZEH6
 16553 HLA-A|K9L7Y7 ZNF354C|Q86Y25
 16554 COX3|Q305K6 TEAD1|H0YCY6
 16555 ZNF304|A0A024R4T2 RBMS1|P29558
 16556 TPH1|B3VS00 COX6A2|Q02221
 16557 SEMA3G|Q9NS98 KRAS|P01116
 16558 ATP7B|A6N865 HLA-C|B2Z3W4
 16559 MRPL32|Q9BYC8 BLVRA|P53004
 16560 PYGO2|Q5T171 SH2B1|B4DLN5
 16561 EPHA7|Q15375 HLA-C|D3JV31
 16562 IARS|P41252 SNTB2|A0A024R732
 16563 HLA-B|K4JQY2 ZNF84|F5H6X5
 16564 NADH5|B9EES5 SOD1|X5D3G4
 16565 PITX1|P78337 DIAPH2|K4DI95
 16566 hCG_16983|A0A024R3Z8 TMED5|Q49AG2
 16567 TTC14|C9JBA2 ND5|E5E0X0
 16568 HLA-A|F2VNF7 LRIG2|O94898
 16569 SLPI|Q6LDI0 GPR1|C9J456
 16570 METTL15|F8WD83 HIATL2|Q5VZR4
 16571 HLA-C|A0A0A7C4X3 HLA-B|Q2MCN7
 16572 ATP9A|O75110 HLA-C|E3SGC1
 16573 HBE1|A8MUF7 NCAPD3|E9PL95
 16574 TPSAB1|Q15661 DNASE1|I3L4U3
 16575 SYT6|V9GY7 HLA-A|U5YEE9
 16576 HLA-DQA1|Q67AH3 HLA-DR15|E3SWP5
 16577 ARSK|D6RBR4 FRS2|F8VS98
 16578 MAP4K4|Q53TW0 POLE3|A0A024R829
 16579 AKAP7|O43687 NBN|O60934
 16580 ZNF250|E9PKP2 POLR2G|P62487
 16581 ATP8|Q305N4 TRIM17|E5RI62
 16582 GARS|A0A090N8G0 BCR|ABL|B0ZRR0
 16583 ND1|A6Z693 ND1|Q85L07
 16584 FLT1|L7RSL3 POLR3E|H3BS41
 16585 ATP6|D6N624 HLA-DPB1|A0A0A7CA09
 16586 MEF2A|H0YM62 SIRT6|M0R1N9
 16587 ITGA4|A0A023IP90 TAS2R14|Q9NYV8
 16588 MCM2|F8WDM3 TMEM173|Q86WV6
 16589 TUBD1|K7EQN9 ND4|I3Q1M5
 16590 CDC34|U3KPV8 ND5|L7XHT9
 16591 KCNJ11|Q14654 ND5|H9RF34
 16592 ND6|A0A0A0PRG6 APC|D6RFL6

16593	TUBGCP6 E7EQL8	EXOC6B F8W6R7
16594	SPRN Q5BIV9	ND1 I3Q2F2
16595	HLA-B D4HPL2	SLC6A16 M0R2R5
16596	ZNF317 Q96PQ6	GGTLC2 Q14390
16597	PIG37 Q2TU82	HLA-DRB1 Q1G100
16598	DOCK11 A6NIW2	PLAG1 A0A024R7Z0
16599	QARS B4DDN1	HLA-DR15 M9PNP1
16600	cytb B9ECW4	C14orf133 Q6IA61
16601	TBC1D24 Q9ULP9	HLA-B I6NWI0
16602	RNF114 A0A096LNT1	MYH7 Q5GJ54
16603	GMPR2 H0YNS9	EPHA2 Q96HF4
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16611	HLA-C D3JTB0	GGT7 A4IF34
16612	SFXN5 F8WBH6	HLA-B G1EPY2
16613	GALC G3V5E8	AMT B3KTU4
16614	YWHAG P61981	PSMD4 P55036
16615	NOXRED1 Q6NXP6	ZNF219 G3V4T1
16616	DTX3 A0A0C4DGI8	FLJ00312 Q6ZMK7
16617	TK1 K7ES52	COI U3M9P1
16618	COX2 A6ZEU4	GPR156 Q8NFN8
16619	IDI2 Q9BXS1	BFSF1 Q12934
16620	PCBP4 C9IZV9	ALOX15 D3DTK1
16621	HLA-A E9ABI3	NAE1 J3QRA5
16622	TOMM20L G3V4A4	HLA-DPB1 A0A0A7C8F9
16623	NR1I3 F1DAL4	ATP6 Q9B1L8
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16625	GDF15 Q99988	CDKL4 F8WC88
16626	HLA-A E0X9K1	RHOF Q9HBH0
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16628	F9 Q19UL6	TCRZ A9Y844
16629	RAP1B F5GWU8	SCAMP5 H3BP89
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16631	CCDC28B Q9BUN5	MECP2 P51608
16632	MMP19 F8W1C3	SAMD11 A0A087X2A3
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16637	XRCC5 P13010	SIDT2 C9JBG5
16638	CRNKL1 Q5JY65	PAX5 E7ES87
16639	AGPS Q53SG6	ADCY7 F5H4D1
16640	COPS6 Q7L5N1	GJC1 K7EM78
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16665	DLAT P10515	RBP5 F5H2Q2
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16670	CWC27 Q6UX04	HMGNI Q6NSG7
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16700	SCN8A Q6B4S2	TBX4 P57082
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16704	PDGFA H7BYW6	TMEM175 E7ETE6
16705	ANXA11 Q5T0G8	MSH2 V9H015
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16708	HP1BP3 B0QZK8	PDXK G1UI32
16709	SIN3B O75182	GNB3 E9PCP0
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16712	CYTB F8V7C6	COX2 Q6RQ80
16713	MAPT A0A024RA17	ND2 B5M8B5
16714	HLA-DPA1 I2G9G1	HMGB3 E9PES6
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16716	ICA1 C9IZC7	ATP6V1A C9JA17
16717	FSTL5 Q8N475	SUCNR1 Q9BXA5
16718	PHKG2 H3BTI9	HLA-C E2GJI9
16719	EFHC1 B2CKC5	CNKSR3 C9IZX4
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16721	ARAF A0A024R178	CLCN7 Q96RY8
16722	PTGS1 P23219	CHMP4A E9PQ80
16723	GTF2B B1APE1	FUT2 Q10981
16724	RNF40 A0A024QZG0	STX16 B7ZBM5
16725	ND5 E9NJS3	OXCT2 Q6INA3
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16727	DGKA A0A024RB23	HERC2 O95714
16728	MYH9 B1AH99	IL3RA J3JS34

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 16732 HLA-DRB1|A0A0A7C3D0 TYR|L8B082
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 16737 PXT1|Q8NFP0 NEK9|G3V5V0
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 16743 RPH3AL|I3L2W0 COX3|H9E7L2
 16744 Si-11-6|D2KTB3 CASQ1|P31415
 16745 CALB1|P05937 KLF7|O75840
 16746 HLA-Cw|Q4F7G1 TRIM59|F5GZP3
 16747 ATP2A1|H3BTF1 CDC25C|Q9H2F0
 16748 ND4|B2YA81 IGF2BP3|O00425
 16749 HLA-C|C8CHA4 CLN8|A0A024QZ57
 16750 HLA-G|Q68YR8 POLR2F|U3KPY1
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 16752 PRCP|E9PIG4 REST|L0B2V3
 16753 HLA-A|K7R1R0 HZF11|Q6RFS4
 16754 HLA-DQB1|V5JA07 SP011|Q9Y5K1
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 16760 ND5|R9Y499 ND2|F2WEK7
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 16768 ARSH|Q5FYA8 CFL1|P23528
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 16789 ERAP1|D6RAL9 BNC2|S4R3X5
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16805	NDN Q99608	C8orf88 P0DMB2
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16816	DKFZp566C233 Q9UG12	DTYMK Q6FGU2
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 16896 USP17L20|A0A087WTF5 HLA-C|O19761
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 16922 HLA-C|C6K4M2 HLA-C|I6ZTR7
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16962	PAPOLA H0YJL4	NR0B1 A6NNU8
16963	FAM206A Q9NX38	PRAMEF9 B7ZW04
16964	DDX60L H0Y8H0	ND2 A0A096WDG3
16965	OR5V1 Q9UGF6	DIO1 A0A087WVX4
16966	FBX018 Q8NFX0	HLA-B F2X5T3
16967	RIPK2 E7ERW9	ITGB3 F1C630
16968	PSEN1 G3V2B1	PPP2R5D H0Y8C4
16969	MARK4 K7EN95	FBX07 Q9Y3I1
16970	HLA-C F2X633	RPLP0 F8VWV4
16971	RBM1A1 B2RUT9	ATP6 A0A059S701
16972	TXNRD1 A0A087WSW9	PNCK C9JB09
16973	POLR3GL Q9BT43	OSMR Q99650
16974	EFHD2 Q96C19	CX3CL1 J3QRA1
16975	ARL5C A6NH57	HCFC2 Q9Y5Z7
16976	SNAP25 P60880	NOX5 A0A0B4J289
16977	GJA8 A0A097IW94	ATP6 E7E2Y5
16978	SGK1 O00141	ATP6 Q4EYS4
16979	NUP107 P57740	GAPDH Q0QET7
16980	ND2 A0A068BUJ5	HOXB2 P14652
16981	HGD Q93099	ARHGDI8 A0A024RAS5
16982	MRPL28 Q13084	RPL18A M0R1A7
16983	CACNA1A O00555	MT-CO1 P00395
16984	HSF4 E5RG51	ND5 C9D5A6
16985	TRUB1 Q8WWH5	SLC2A5 K7EJZ0
16986	NADH5 Q4GDK8	RAB39A Q14964
16987	MNB DYRK Q76N25	COX3 A0A059QQR4
16988	YPEL3 P61236	REX01L1 Q8IX06
16989	HLA-A D5FHQ8	KRTAP8-1 Q8IUC2
16990	CSH1 A8K6C2	LAMA3 A0A0A0MSA0
16991	IP6K3 Q96PC2	SH3BP1 Q9Y3L3
16992	POU5F1 D5K9Q6	TEFM Q96QE5
16993	PELI1 Q53T26	TRPM2 O94759
16994	ND5 U3LC10	ANAPC7 Q9UJX3
16995	MYH7 A6N933	POMC K7R2J5
16996	HLA-B C7FDQ9	ND5 H9PRH0
16997	VAV3 Q9UKW4	PDX1 P52945
16998	NANOGP8 J7H9T4	ZEB1 Q32Q63
16999	LPL Q6IAV0	RPL38 P63173
17000	PLCB1 Q9NQ66	MAPT I3L170

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17002 GNRHR|P30968 MSH5|A2ABF0
17003 ND2|B1NU62 NOL3|O60936
17004 HLA-DQB1|L0BXU4 RFWD2|Q8NHY2
17005 PPM1D|K7EJH1 KRT83|A0JNT2
17006 MCIDAS|D6RGH6 HLA-DPB1|X5MI12
17007 SMG1|H3BQN7 UTY|F4MHA8
17008 COX3|F2WG19 PRRX2|Q99811
17009 HLA-C|C8CH97 OGG1|E5KPM8
17010 FLJ00075|Q9H7J9 HLA-B|M9P9A4
17011 ABC1|Q9NS76 ADORA2A|C9J3T2
17012 HLA-B|Q9TPU4 HLA-A|I2B2Z9
17013 SYNGR1|O43759 MUC4|Q99102
17014 HLA-C|G9HW60 ND1|A0A023R2I7
17015 HCR|A9XAF5 MUC2|Q02817
17016 HLA-B|F4NBP0 LGMN|G3V5B2
17017 VPS41|Q75MX9 CRX|H3BUU7
17018 TP53|H2EHT1 PER3|A6H8X0
17019 FLJ00166|Q8TEM7 KRT13|P13646
17020 ETNPPL|E7ENR6 ANKMY2|Q8IV38
17021 TPH2|B3VS25 ND1|Q85KZ5
17022 ATP6|G9LLL4 CSNK2A1|A0A087WY74
17023 ND3|Q6VK65 ART3|E7ER42
17024 ND2|F1AZ46 AMACR|D6RB81
17025 LATS2|Q9NRM7 TRIT1|S4R2X1
17026 PCDHGA6|Q9Y5G7 ASB9|A0A024RBW7
17027 ICAM3|P32942 OBP-1|Q14984
17028 ZNF219|G3V4T1 CRADD|F8VV49
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17030 CYTB|A8DIL7 ESR2|G3V5S2
17031 GOLGA4|H0Y6I0 ncx1|Q6LAJ9
17032 FM05|A0A024QYY6 LASP1|Q14847
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17034 LRRC4B|Q9NT99 SCUBE3|Q8IX30
17035 CATSPERG|Q6ZRH7 Hosa(Biaka)-T2R10|Q50KS2
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17037 HLA-C|E0WMY7 hCG_2010666|A0A024R1F4
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17039 ENPP5|Q9UJA9 CS|F8VR34
17040 ZNF442|Q9H7R0 PARM1|Q6UWI2
17041 ND6|A0A0A0PSE8 CRABP2|Q5SYZ4
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17045 HLA-DPB1|A0A0A7C8G3 MDM2|Q546E6
17046 FLJ00075|Q9H7J9 ZNF140|P52738
17047 INSR|Q86WY9 HLA-C|A0A0A7C8I5
17048 BARX2|Q9UMQ3 DMP1|Q13316
17049 USP16|Q9Y5T5 KEL|Q0KH84
17050 ZNF57|A0A087WUM7 SUMO3|A8MU27
17051 PPP4R2|Q9NY27 PLAUR|M0R0H5
17052 DRD3|X5DP70 NECAB3|Q96P71
17053 PVALB|H0Y3U0 ISYNA1|J3QRH1
17054 COX3|A0A075C7G6 ITGB4|A0A024R8N2
17055 PDZRN3|Q9UPQ7 HLA-B|U5YBS9
17056 ZNF418|M0QYW9 ING4|A4KYM5
17057 COG1|J3QKY9 RIPK3|Q9Y572
17058 RPL13A|P40429 ND1|Q5S9D9
17059 HOXB7|P09629 CYTB|H9PDJ8
17060 PAK4|O96013 NDRG1|E5RGG6
17061 MCTP1|Q6DN14 HLA-C|J7K6Q2
17062 C12orf49|Q9H741 IL12RB1|P42701
17063 HLA-C|A0A0A7C504 FLG|I0B0K4
17064 FUCA2|Q9BTY2 ZNF697|Q8N508
17065 ZNF620|C9J967 TRAP1|K0A7K7
17066 DKFZp779I1858|Q68D50 SCRT2|Q9NQ03
17067 ATP6V0A2|F5H847 C19orf47|Q8N9M1
17068 SCN7A|C9JII9 HLA-C|J7K1C8

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 17070 ND3|A0A059RQE9 PEPD|V9GYL0
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 17072 MARCH1|Q8TCQ1 TRIT1|Q3T7B4
 17073 ZNF438|Q7Z4V0 RPL18|F8VXR6
 17074 DYNLL1|F8VXL2 CYTB|H9NRW9
 17075 HLA-DRB1|D6PZZ3 RHD|A8YPG4
 17076 COI|U3M9R1 FOXRED2|B0QYA2
 17077 ELF5|A8K443 MATK|P42679
 17078 HLA-Cw|O19580 LIPC|B9TXP1
 17079 HLA-C|O78071 ZNF700|Q9H0M5
 17080 ZNF510|Q5SZP4 HLA-DR15|M9P979
 17081 BRD3|Q15059 CYTB|A0A097PWR1
 17082 HLA-B|E3SWH9 RNASET2|O00584
 17083 ZNF333|M0R0S8 HLA-DPB1|A0A0A7C646
 17084 ND5|A0A097Q961 WISP3|I6L9I2
 17085 DAT1|Q6LC27 ZNF624|Q9P2J8
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 17087 TLR6|D1CS96 ND2|I3PX83
 17088 GK5|H7C5R4 IMPA1|E5RIP7
 17089 FES|Q4JFK8 INPP4A|Q96PE3
 17090 KCNJ11|E9PPF1 RAB34|A0A024QZ68
 17091 USP32|Q8NFA0 ORC5L|Q8NDU9
 17092 ID3|A0A024RAC4 ND5|L7XRG1
 17093 PBX2|P40425 ZWILCH|Q9H900
 17094 PARK2|Q6Q2I8 CFH|P08603
 17095 CAV2|Q53X57 RHD|T2DL95
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 17097 ENO4|A6NI74 MYO1A|G3V587
 17098 UQCRC1|P31930 ANP32E|Q9BTT0
 17099 GJB7|Q6PEY0 SPDYE5|A6NIY4
 17100 RHCE|A0ZXY7 RELA|E9PKH5
 17101 NAT11|A0A024R5C6 Hosa(Adygei)-T2R38|Q50KM3
 17102 ZNF724|M0R3J2 CYTB|Q5SB90
 17103 AKR1E2|E9PK93 OR10J1|P30954
 17104 ABCA3|H0Y3H2 EIF4A1|J3QKZ9
 17105 MEX3D|S4R446 DIXDC1|Q155Q3
 17106 HLA-B|G1EMM9 HLA-C|S5DU12
 17107 CYTB|A0A0A0PT68 CYTB|H9RXK9
 17108 EIF2S1|H0YJS4 ESR2|Q7LCB3
 17109 ND5|E2FPE6 PRSS3|A1A508
 17110 HLA-DPA1|Q95HB9 XP01|H7BZC5
 17111 WDR46|O15213 HLA-A|C9WEL3
 17112 LOC150763|D3DXG8 WARS|G3V4N8
 17113 ELMOD3|B8ZZT8 MRPL38|Q96DV4
 17114 TTC14|C9J974 GLS|B8ZZA8
 17115 IGFBP1|C9JXF9 ND1|R9YB54
 17116 TEX30|A0A0C4DFW4 GA|Q6LD43
 17117 C9orf64|Q5T6V5 HLA-DPB1|A0A0A7C5R2
 17118 SPHK1|K7EMA4 PDCCD6IP|Q8WUM4
 17119 C2orf3|A4UHR0 NDUFB4|F2Z3P9
 17120 CSF2|P04141 ATP6|B2MZ69
 17121 OR5P3|Q8WZ94 HLA-B|G1EPN0
 17122 CYTB|A0A023QSV5 DNAI1|Q9UI46
 17123 TEAD4|Q15561 FES|P07332
 17124 SYNE1|A0A0C4DG40 LM02|P25791
 17125 FEN1|P39748 KDM2A|I3VM53
 17126 ABCB1|A4D1D2 PRKCSH|K7EJ70
 17127 SIDT1|Q9NXL6 SLC25A13|Q75KX8
 17128 APOC1|K7EJI9 MPV17|P39210
 17129 PTPRR|F8VU63 ZNF544|Q6NX49
 17130 KLK10|W8GJG4 CPEB1|A0A087WVR7
 17131 REPS1|H7C225 MLANA|Q16655
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 17133 SF3B2|Q13435 HLA-C|I6NN23
 17134 AASDHPPT|Q9NRN7 ND1|A0A023QG73
 17135 SLC11A2|F8W1P7 MANEAL|Q5VSG8
 17136 ATP6|A0A060BKR4 GFM1|C9JA25

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17139	PRKACB B1APG1	SLC25A29 Q8N8R3
17140	ST3GAL4 E9PQZ2	CPN2 P22792
17141	SIVA1 H0YJN1	MTRR D6RAY3
17142	PAX2 Q02962	MPI H3BUZ9
17143	PDHA1 Q6LCA3	NFATC4 G3V5H0
17144	CAT P04040	EIF3H B3KS98
17145	ND4L E2FR42	USP45 H0YA21
17146	NTS G3V1X6	COX1 A0A059S7W0
17147	UBXN11 Q5T124	ND2 X2C0Y5
17148	PSAT1 Q9Y617	PIGS Q96S52
17149	SCYL1 E9PPN3	PYROXD2 Q8N2H3
17150	OR2T7 P0C7T2	COX2 W8D4U9
17151	CHRNA1 P07510	JUP C9JKY1
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17153	OR9A2 A4D2H9	SNAP91 E5RGP8
17154	DKFZp434M058 Q9UFE3	FPR2 M0R222
17155	HLA-DQA1 Q67AI5	HLTF A0A0C4DGA6
17156	LMOD1 Q9BV00	ATP5EP2 Q5VTU8
17157	KLKB1 P03952	HLA-C K7P5W3
17158	APOC2 A0A024R0T9	HLA-B C9WEN6
17159	DGKE A1L4Q0	cytb B1WA27
17160	RHD Q70E15	ROCK2 E9PF63
17161	ND4 A0A059QPD2	PERB11.1 Q99695
17162	ND5 E5E1J1	CHRM3 P20309
17163	VGLL4 F8WBN7	NUCB2 E9PRQ3
17164	COX8A P10176	SPATA5L1 H0YCA5
17165	MTSS1L I3L2G4	PTPN3 J3KN34
17166	ALDOC P09972	TBP Q32MN6
17167	A4GALT Q6RJV6	ATP13A3 Q9H7F0
17168	CCDC87 Q9NVE4	ZNF771 Q7L3S4
17169	CYTB Q7YCF9	HLA-B A0A0A7C5P2
17170	EIF4B F8VRU1	APRT H3BQB1
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17173	PTCHD2 Q9P2K9	RPS6KB2 R4GN47
17174	SETD2 Q9BYW2	UBE2M A0A024R4T4
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17176	ESX1 A6ZIU9	TREH O43280
17177	CYTB A6ZEQ1	COX1 A0A059R1N5
17178	ANO1 E9PNA7	PRKAR2B Q6DHZ2
17179	GGT1 B5MC36	CARHSP1 H3BNU9
17180	HIST1H4A P62805	CCR10 P46092
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17182	HLA-C J7K459	HLA-C J7F4Z5
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17185	CEP152 O94986	HEL-S-299 V9HW87
17186	CYTB C3W5D6	IMMP2L C9JQE1
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17188	KCTD15 K7EM48	MAP3K19 Q56UN5
17189	GGA2 H3BMN6	VGLL4 G5E9M7
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17199	RGPD5 Q99666	CEP41 Q9BYV8
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17203	MYO6 E7EW20	SYNE2 A0A0A0MRE3
17204	SET A0A024R895	BTD C9J387

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17207	HFE A0A097CKB2	DKFZp686A13234 Q6MZS5
17208	ZNF772 Q68DY9	RAP1B F5H823
17209	PLCL1 Q15111	ZNF320 M0QZA2
17210	ZNF250 E9PQX5	BRCA1 C6YB45
17211	AK8 Q96MA6	HLA-C D2DKK4
17212	APOC2 A0A024R0T9	OLFM4 Q6UX06
17213	KIF16B Q96L93	HLA-DPB1 A0A0A7C9X1
17214	NADH1 Q4GHJ6	ATP6 Q6RLN5
17215	STON1-GTF2A1L Q3MIM1	CYTB X5BCH9
17216	GTPBP10 A4D1E9	HLA-A C4PFY9
17217	RAET1E I7FHP4	LSG1 Q9H089
17218	KLK10 W8GJG4	UBN1 K7ESM4
17219	ALDH3A2 I3L0X1	KDM5A E7EV89
17220	CD1d X2F926	HLA-C C7FDV1
17221	HLA-A I7A4C9	ATXN3 D3VVQ2
17222	ND5 D2Y6W7	PIK3CG P48736
17223	CHN2 B3VCF6	TRIM64 A6NGJ6
17224	PTPN9 A0A0A0MR09	ND1 Q5Q736
17225	RUNX1 X5CT67	SLK Q9H2G2
17226	NAT16 C9JB11	DEGS1 E7EMA0
17227	PAX1 A0A087WXV5	MSRA Q9UJ68
17228	TOMM40L Q969M1	DEFB105A Q8NG35
17229	SRC P12931	COL27A1 Q8IZC6
17230	ZNF587 Q96SQ5	ND4L A0A059QMA0
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17233	CAPN1 A0A024R5A3	TEN1 K7EJS2
17234	PTCD2 Q8WV60	NAA35 Q5VZE5
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17237	NOTCH2 D2WEZ3	RFWD2 Q05CT6
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17239	IRS-1 M1RSU5	VWF P04275
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17248	TATDN1 E5RK70	CREB1 H7C3I0
17249	NPHP3 Q7Z494	KCNE3 Q6IAE6
17250	ugd Q9NY20	ORC6 H3BT22
17251	KRT18 P05783	RAET1E E9PKJ6
17252	CYTB A0A068C170	HLA-C I7JB69
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17254	ILVBL M0R1B5	ATP6 A6ZEL8
17255	NECAP2 A0A024QZ81	MARK1 Q9P0L2
17256	SORCS3 Q9UPU3	SMEK2 Q5MIZ7
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17258	KCNC4 H7BZ66	HEL-S-84 V9HW95
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17261	RASGRP1 H0YNG8	SLC16A7 F8W0N3
17262	RPL37A P61513	NDUFA11 Q86Y39
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17264	PRKCZ E9PBE1	RRAGC D3DPT8
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17266	RHD I7LNF1	TCEB1 R4GMY8
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17268	PRSS1 Q53ZX9	OR8S1 Q8NH09
17269	ZNF234 Q86WM2	MECR H3BM30
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17271	PRSS1 Q86W20	WASL O00401
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17275	UBR2 Q8I WV8	PITX3 A0A0B5HP44
17276	SLC4A2 Q8TAG3	HOXB7 Q9HB28
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17278	UGDH E7EV97	RBM47 D6RBS9
17279	SMPD1 E9PL59	PDHB P11177
17280	CAMKMT Q7Z624	CASP9 F8VWA5
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17292	OBP-2 Q14985	E2F1 Q01094
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17295	DENND6A Q8IWF6	RHD A8YPG4
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17297	ND1 Q9B2Y9	ND1 F5CV50
17298	RBPJ D6RCM1	STAT5B C9J4I3
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17301	PIK3C2B O00750	CPA1 S4R433
17302	RHOJ G3V476	PFKFB3 F2Z2I2
17303	FERMT3 Q86UX7	TRIP10 W4VSQ9
17304	CYTB A0A076MBL6	HLA-DRB1*1605 Q29834
17305	PABPC4 Q3B867	AIM1 Q9Y4K1
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17307	RPE C9IYE8	N-PAC D3DUE7
17308	ITSN1 C9JXS9	CYP21A2 C7DTY5
17309	CELF2 O95319	RBMS1 E7EPF2
17310	EIF3H E5RFW7	MARCH1 D6REN1
17311	CELF4 Q9BZC1	VAX2 F1T0K5
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17315	AARS H3BPK7	POU2F3 E9PIN6
17316	CTNNA1 E5RGG4	LAMP3 Q9UQV4
17317	GALNT16 Q8N428	RHD T2LKG5
17318	RPL22 K7EMH1	HS6ST3 Q8IZP7
17319	CAPN9 E7ESS6	ND5 H9RY26
17320	SNAPC1 Q16533	CYP26B1 E5RHM2
17321	SYNGR2 O43760	TLR4 D2JYI3
17322	ND2 I6N708	DCN F8VMU0
17323	TWF1 Q12792	PKN2 H0Y429
17324	HLA-DPB1 A0A0A7C9R4	MRPL11 E9PQB6
17325	TXNDC9 O14530	TSC22D3 D6RAX8
17326	PTPA A6PVN5	GALNT10 Q86SR1
17327	DNM2 A0A024R7C9	ILKAP Q9H0C8
17328	HLA-A F6IQY8	E2F7 Q96AV8
17329	TTLL13 A6NNM8	LOXHD1 C9JMG7
17330	KCTD21 E9PRT1	GSTM2 A8HT81
17331	TUBB3 G3V3J6	HLA-A A9IW15
17332	ZFP36 M0QZ04	NR1C1 F1D8S4
17333	BAHD1 A0A024R9K2	NME6 C9J867
17334	CXCR2 C9J2F9	ND5 Q5S938
17335	MIEF1 B0QY95	NFIB O00712
17336	C2orf50 Q96LR7	SEPT11 D6RER5
17337	LHCGR E7ESK4	DKFZp434J0650 Q9UFH1
17338	CHD5 Q8TDI0	FARSA K7EPH2
17339	DKFZp686M0146 Q63Z41	FKBP11 Q86SR8
17340	HLA-C M9P8L8	CDON E9PN78

17341	DCDC2C A8MYV0	HMGB1 A0A024RDR0
17342	SRD5A1 P18405	CYTB E5EWW4
17343	AMZ2 Q86W34	MME C9JR96
17344	SLC35B3 A0A024R008	SLA Q13239
17345	IGF1R P08069	PPM1K V9GYI6
17346	FADS6 J3QRK6	NAA10 P41227
17347	SURF6 O75683	CYTB Q4EZ99
17348	GRAF Q9HBW4	CYTB G4W3I3
17349	GLI1 P08151	DDO F2Z2E0
17350	ARNTL E9PI92	KCNJ4 P48050
17351	HLA-C M9PAG0	ND3 A0A059QLY3
17352	TUBE1 S4R424	HLA-C Q7YP27
17353	ND5 A0S939	MERP1 Q96J80
17354	DCAF12L1 Q5VU92	RAB3GAP2 Q9H2M9
17355	NDUFA7 O95182	SLC03A1 Q9UIG8
17356	ND6 A0A023QQE5	PITX3 A0A0B5HLA6
17357	PHLDB3 Q6NSJ2	GPR55 Q9Y2T6
17358	TP53 S5LQX7	TCTE3 Q8IZS6
17359	DDHD1 A0A087X0H7	ZNF530 M0R1P0
17360	CCHCR1 D6R9W9	DCXR J3KSZ5
17361	CNTD1 Q8N815	TTL Q8NG68
17362	MT1L Q93083	OR4A47 Q6IF82
17363	ARSK D6RBR4	RPS21 P63220
17364	SLC20A1 H7BZY1	PPM1A E9PJN3
17365	P2RX1 P51575	HLA-G J3JRT1
17366	ATP5C1 P36542	NOSIP M0R1T7
17367	NCOR2 Q9Y618	SLC30A8 E5RG87
17368	TLOC1 D3DNQ1	PCYT1A C9J050
17369	PHLPPL Q3ZCW4	PFKM F8VZQ1
17370	HLA-A R4NLT9	HLA-B Q52QV7
17371	POLR3C Q9BUI4	MARK4 Q96L34
17372	DDX11 R4GNE1	cox2 X2D3Z7
17373	TNFAIP3 D3TTZ1	JMJD2B B7ZM63
17374	PUS7 Q96PZ0	CYTB Q7YCH2
17375	OR6C1 Q96RD1	ZNF79 F5H032
17376	CDK11A Q5QPR4	COX1 Q5XS99
17377	HLA-B F2VP82	coxIII T2HLG2
17378	COX1 A0A059RUX1	SFRS11 Q05BU6
17379	C9orf78 Q9NZ63	SIRT7 I3L480
17380	CD14 P08571	HLA-A A0A060VCY6
17381	PRDM2 A0A024QZ73	SERPIND1 P05546
17382	LRRC29 Q8WV35	GMEB1 B1AT47
17383	ND2 L7XQT2	CO1 E2CZ38
17384	HLA-C G1EQJ4	ATP6 B5M7X6
17385	NME7 A0A024R8Z7	PIGG E7EM50
17386	BRCA1 K4JWE8	ND2 G5D861
17387	LGALS9 O00182	ATF7 K7ESA4
17388	PLCG2 A0A0A0MRF9	LCLAT1 C9JA02
17389	ATG3 Q9NT62	SLC26A5 Q496J1
17390	POMT1 Q5JT03	IL2RG D6RDW9
17391	ZNF48 E9PQ92	OR10G2 Q8NGC3
17392	HLA-DQB1 A0A0A7C9F6	NEK6 Q5TBG4
17393	CANT1 K7EKW6	PRMT7 H3BPZ8
17394	HLA-C U5IQI6	AG03 Q5TA56
17395	LIMD2 Q9BT23	HLA-C D3U739
17396	MYO1B O43795	PHACTR4 Q8IZ21
17397	ATP8 A1DV59	ATPase B9EDY4
17398	RPS6KA2 X5D337	PPP2R5C Q13362
17399	TM4SF4 P48230	C14orf159 Q7Z3D6
17400	HLA-A D6ML19	HLA-B I6MHH8
17401	ND5 E5DYP0	LASP1 A0A024R1S8
17402	ND1 A0A023QST8	DHCR24 Q15392
17403	GNG7 O60262	BRF1 F8VXJ4
17404	CEP57L1 E5RGU5	ADCY2 D6REB8
17405	HLA-C G0ZML3	HLA-A D7NNN4
17406	GDPD1 Q8N9F7	ZNF732 A0A087WTY0
17407	CYTB R9Y4P9	TBC1D1 B9A6J6
17408	PDYN Q2YEM6	EPC2 C9J1X4

17409 RARA|P10276 ELAC1|Q9H777
 17410 ZNF841|Q6ZN19 KEL|H0Y8A1
 17411 CREB3L2|A0A087WUP1 CYTB|X5BH36
 17412 RPF2|Q9H7B2 DKFZp686P1738|Q5HYB0
 17413 CYB561|J3KSL5 TGIF1|F8VXG3
 17414 AKAP1|Q92667 CEP57L1|H0YB52
 17415 CYTB|A0A0A0PP50 PCDHGA3|A4FUP4
 17416 CARD17|Q5XLA6 FUT1|A7XM32
 17417 COX2|Q9B2U8 HEL-S-165mP|V9HWI0
 17418 ADAM10|O14672 SLC26A7|E5RFH2
 17419 GPER1|Q14440 ATP6|A0A059VCQ6
 17420 FNBP1|H0Y7W6 DEUP1|E9PLX9
 17421 OR2J3|O76001 MYOM3|Q5VTT5
 17422 AMIGO1|Q86WK6 METTL17|G3V4P2
 17423 ATP6|A0A059S1D9 cytb|B9EFW7
 17424 RH0Q|H0YB40 CDS1|A0A024RDG8
 17425 HLA-C|G1EQ95 HLA-C|D6MKX6
 17426 USP17L2|Q6R6M4 YTHDC1|Q96MU7
 17427 SCNN1A|C5HTZ1 TOP3A|J3KS96
 17428 ZNF419|E5RHZ9 CASQ1|P31415
 17429 EIF5|P55010 ATP6|E5E0I5
 17430 TDG|Q13569 ATP6|W0C6A8
 17431 GPR85|C9JBQ9 ZNF514|Q96K75
 17432 DUS4L|A0A024R6Z3 OR5M10|Q6IEU7
 17433 MORC3|A2RU29 ND2|A0A059RLN6
 17434 SCNN1B|P51168 CELF4|M0QY66
 17435 RPRD1B|Q9NQG5 SPIN2|A0A024R9W1
 17436 EIF2AK2|P19525 HLA-A|A0A0A7C830
 17437 ndh5|T2HLH6 BFAR|H3BRQ5
 17438 RAPH1|C9K0J5 MUS81|H0YDU2
 17439 YWHAB|P31946 PUS7|Q96PZ0
 17440 TXNDC5|Q86UY0 UBA6|H0Y9U5
 17441 INTS3|Q68E01 CYTB|V5JSN2
 17442 GABRA2|Q8TBI4 GJB6|O95452
 17443 ND5|H9QDZ8 CYTB|B0FZC1
 17444 CYP2B6|F2X1B0 ATP8|A0SBU5
 17445 PDE1B|Q01064 PLXNB2|E2PU09
 17446 LTB4R2|A1L156 HLA-B|A1Z0M3
 17447 FAM156A|A0A087WZD0 NONO|H7C367
 17448 EIF4A1|J3QR64 TNFSF8|P32971
 17449 HLA-A|E3SWG7 SCN4A|P35499
 17450 ND6|H9QNZ6 ZNF841|Q6ZN19
 17451 ND5|H9M499 APIP|Q96GX9
 17452 COPE|M0R061 LRRK1|A6H8V9
 17453 SLIT2|O94813 CANX|P27824
 17454 TRI0BP|F6WMF4 NR5A1|B6ZGU8
 17455 GPR12|Q6NWS6 COX3|A0A059QSS8
 17456 RBM14|F8WDX3 KDM6A|H0Y5J3
 17457 GNB1|F6UT28 APC|Q16097
 17458 ANKFY1|Q9P2R3 CDSN|M1SWB8
 17459 COX1|I3Q9N9 WEE1|Q6NSL2
 17460 ATP6|A4ZYE7 IDH2|H0YL11
 17461 CYTB|A4ZKZ9 DIRAS1|O95057
 17462 ZFP91-CNTF|H3BTR0 TBC1D9B|Q9BW24
 17463 HLA-C|A0A0A7C8P8 ATP6|W8D5F7
 17464 HS6ST3|Q8IZP7 CARHSP1|Q9Y2V2
 17465 KIAA0999|A1A5A9 RCN3|M0QZH0
 17466 ZNF705B|P0CI00 GFRA1|P56159
 17467 C5orf24|Q7Z6I8 LPAR5|Q9H1C0
 17468 GBGT1|J7Q0Z1 BMP3|D7NTK8
 17469 HLA-C|G1ENX1 COX1|H9NZW7
 17470 HLA-G|J7H084 LPHN1|O94910
 17471 STAG3|D6W5U7 HLA-A|B9X247
 17472 FKBP9L|Q75LS8 CSNK1G1|Q9HCP0
 17473 C14orf93|Q9H972 HLA-C|D5L9D8
 17474 UNC5D|Q6UXZ4 BMP4|P12644
 17475 FAM112B|A0A024RB57 Hosa(Biaka)-T2R46|Q50KH0
 17476 DBNL|F8WCK3 RPL6|Q8TBK5

17477 HLA-DQB1|F8LFZ1 HLA-C|G1EQH5
 17478 ATP6|T1SWT7 TLR6|B6CH37
 17479 KIF18A|Q8NI77 HSPG2|Q2VPA1
 17480 NGDN|Q8NEJ9 TXNDC16|B7ZME4
 17481 KRBA2|A8MX02 POLR2F|B0QYL9
 17482 NFIB|A0A0A0MRX8 MDR3|I7CY13
 17483 ELL2|O00472 HLA-C|G3D6D5
 17484 SPINK7|P58062 APEX1|G3V5D9
 17485 ND3|C8Y8R4 DNAJB1|Q6FHS4
 17486 PRSS55|H0YBF5 VPS33A|Q96AX1
 17487 RPL5|Q9BUV4 AKAP5|Q6PG46
 17488 SEPT4|J3QLA8 CDK7|P50613
 17489 TRMT1|K7EQY6 ATP6AP1|Q15904
 17490 COX1|F1AK66 GNS|H7C3P4
 17491 MAPK13|Q5R3E6 EBI3|Q14213
 17492 CD1E|P15812 ABHD10|Q9NUJ1
 17493 TLR10|A0A024R9W4 HLA-B|D2DKG2
 17494 DKFZp586M1622|Q9UG07 OR14I1|A6ND48
 17495 SPATA13|E9PFR9 HLA-DPA1|Q29ZN1
 17496 ND2|A0A059RYW7 ND4|G9LLY5
 17497 FSD1|Q9BTV5 ISPD|A4D126
 17498 MTMR6|Q9Y217 USP19|O94966
 17499 TEAD3|Q96G15 HBB|Q3LR79
 17500 CDK20|Q8IZL9 FUNDC2|Q9BWH2
 17501 TGM5|A0A087WZC4 CYTB|Q4F3A3
 17502 SMARCA4|A5D6X0 NDUFS2|Q9HC11
 17503 HLA-B|J7F682 HLA-C|A0A0A7C8M3
 17504 UGDH|D6RHF4 ND1|E5DDY9
 17505 HLA-C|G1ENX2 HLA-DRB1|Q30158
 17506 CENPT|Q96BT3 ACOT1|A1L172
 17507 ADCY1|Q08828 COQ7|H3BTN8
 17508 RBFOX1|F8VZG9 ATP6|A0A059QSI6
 17509 LRGUK|Q96M69 HNF1A|E0YMI7
 17510 GPR21|Q99679 TGIF2-C20orf24|A0A0A6YYL0
 17511 UCHL5|H0Y6Y4 GKN1|Q9NS71
 17512 HLA-A|A0A060VCZ1 ZCCHC7|Q8N3Z6
 17513 ALK|A0A024A2P5 PIGC|A0A024R900
 17514 HLA-DQB1|U3PXY6 HLA-DPB1|A0A0A7C8C3
 17515 SLC9A7|A0A024R176 CLIC4|Q6FIC5
 17516 TH|E7EQI0 SIRT7|I3L480
 17517 CD5|H6D9X2 PRDM14|A0A023UFG1
 17518 AHR|A0A024R9Z8 HLA-C|I6TRX6
 17519 ZNF544|A0A024R4T6 HLA-DR15|E3SWP0
 17520 ENPP2|E5RIB9 ATP6|Q85KR5
 17521 SULT6B1|A0A0C4DG03 PHACTR2|J3KP75
 17522 HLA-A|K7P5W6 DUS1L|Q6P1R4
 17523 LDLRAP1|Q5SW96 FCHO1|M0QZF0
 17524 GRAMD1A|Q96CP6 ILF3|K7ERM6
 17525 HLA-C|S5DLG2 METTL15|B5MC64
 17526 GPR1|C9JSU0 R3HDM4|Q96D70
 17527 KLK3|P07288 INS|C9JNR5
 17528 RHD|I0CKF8 DNAH9|A2VCN3
 17529 HLA-B|L7PH05 OGDHL|Q9ULD0
 17530 SNX5|Q6P5V6 PRUNE2|D6RTK6
 17531 ZNF431|M0QZN7 SLFN14|P0C7P3
 17532 RNF20|Q5VTR2 ATP6|A6YW69
 17533 PYG01|Q9Y3Y4 ND6|G4W466
 17534 MRGPRF|Q96AM1 PRRT1|Q99946
 17535 RAD51C|Q7KZJ0 NOMO1|Q15155
 17536 CCR5|A0A089G6S0 ADAP1|O75689
 17537 AGAP1|Q9UPQ3 C6orf106|Q9H6K1
 17538 ND5|Q8WCW7 CYTB|Q6VIN3
 17539 FBX08|Q9NRD0 ND2|A0A088FT89
 17540 COMP|G3XAP6 PKM|H3BTJ2
 17541 ND4L|A0A075XDQ3 ND1|U3LSH7
 17542 PIEZO1|H3BSF6 COX3|H9QQ96
 17543 GFM2|Q969S9 EPB42|P16452
 17544 PREPL|Q4J6C6 ND1|A0A059RU00

17545 UBE2D1|A0A024QZJ2 HLA-A|G1EP50
 17546 OR5T3|Q8NGG3 EHD1|B2R5U3
 17547 RBM18|Q96H35 HLA-B|J9U8R2
 17548 SLC25A19|J3QL84 NADH5|B9EF68
 17549 ATP6|Q6VHB0 ARHGEF7|Q5ZEZ3
 17550 EDC4|Q6P2E9 MAP4K3|Q8IVH8
 17551 FABP4|P15090 ARHGAP20|A0A0C4DGG5
 17552 TMEM192|Q8IY95 HLA-B|H2BEA6
 17553 EXOG|F8WE28 GK2|Q14410
 17554 ND4|H9P619 STAT5B|P51692
 17555 EIF2AK4|Q9P2K8 ADAM30|Q8TBZ7
 17556 TRAF4|A0A024QZ59 UBE2L6|E9PQT7
 17557 TASP1|H7BZ38 CYTB|A0A097QFS7
 17558 SLC16A3|J3QLE3 HLA-A|Q2WBP4
 17559 HLA-A|G1EP60 HOXA3|A0A024RA33
 17560 ND5|V9J4S4 SYT2|A4FU00
 17561 TBX4|K7EPY2 NNT|Q13423
 17562 BRD4|Q60885 HLA-C|V5NVP8
 17563 CYTB|B4YGJ6 NEK3|A0A087X203
 17564 ATP6|H9LPU2 NME3|H3BMQ7
 17565 POMT1|Q5JT04 IL6R|A0N0L5
 17566 TRPT1|A0A024R5C2 RXRA|P19793
 17567 HLA-A|C6K4I6 ND5|Q7YEE9
 17568 AVIL|O75366 HLA-B|A1EAG1
 17569 ND6|A0A023I8N0 PARP6|Q2NL67
 17570 CHRN3|Q05901 HMCES|Q96FZ2
 17571 PANX3|Q96QZ0 UTY|F4MHH1
 17572 ATP5C1|P36542 COX2|A0A059QVH0
 17573 COX1|Q305V1 CYTB|R9Y2B3
 17574 HLA-C|Q6T392 DKFZp686A1525|Q6MZE7
 17575 ATXN3|G3V3T0 CEP112|Q8N8E3
 17576 ATP6B1|Q71UA2 SMC2|Q05D74
 17577 HNRNPC|G3V4M8 PDS5B|Q9NTI5
 17578 OR2L8|B9EIN6 SDCBP|Q00560
 17579 RRM2|P31350 RPS12|P25398
 17580 hCG_1776081|A0A024R8N4 TP53|A2I9Y7
 17581 IP6K2|C9J3W9 ECHDC1|E9PPG7
 17582 COX1|A0A059RTQ1 WDR34|Q96EX3
 17583 KEL|G8FSZ0 SHCBP1L|Q9BZQ2
 17584 PDHX|E9PLU0 SULT4A1|Q9BR01
 17585 WNT10B|C9JCI2 COX3|A0A059RLC3
 17586 SCML4|Q8N228 DMRT3|Q9NQL9
 17587 PRDM9|I7A6W4 SLC1A7|F1T0D3
 17588 CYP4Z2P|Q8N1L4 PAX8|A0A024R524
 17589 DHRS4L2|D5KJA2 GUCY1A3|Q02108
 17590 EIF5|P55010 HLA-A|D6MJF7
 17591 CYTB|U3KVN7 ESF1|Q9H501
 17592 ND5|A0A0A7HII9 VRK2|Q05CR6
 17593 NAT10|E9PJN6 ZNF160|A0A024R4Q2
 17594 FAM110C|Q1W6H9 LONP1|K7EQF8
 17595 METTL17|Q9H7H0 HLA-A|H2BE80
 17596 GOLT1B|F5H6U7 HEL-S-99n|V9HW88
 17597 NPY|P01303 HLA-A|V5LDU3
 17598 HLA-C|G3D6E2 PWWP2A|Q96N64
 17599 SMYD3|B0QZ88 DPYSL5|Q9BPU6
 17600 POLI|Q9UNA4 CDHR1|A0A096LNP9
 17601 MCAT|V9GYY6 BAAT|Q14032
 17602 PIWIL1|Q96J94 CCR2|P41597
 17603 MYH9|B1AH99 HLA-DQB1|I4EPL3
 17604 ASPG|H0YHG5 CYP4V2|Q49AA5
 17605 TSHR|B4E0H2 CCDC135|Q8IY82
 17606 SAP130|C9J683 HLA-B|N0A0K3
 17607 ZNF257|M0QYA6 ARF5|A4D0Z3
 17608 HJURP|F8WCV1 FOSL2|P15408
 17609 HNRPUL1|A0A024R0J9 HLA-A|K7P559
 17610 ADAP2|Q9NPF8 CFHR4|Q92496
 17611 RHD|D8MJ84 PPP1R1A|F8VR76
 17612 ARCN1|Q6P1Q5 KRT83|A0JNT2

17613 SLC19A3|B8ZZW1 RGS13|O14921
 17614 HLA-B|C8CH78 LAIR1|Q6GTx8
 17615 CPT1A|P50416 PKN2|H0Y429
 17616 TP53|E9PCY9 ABCB5|H7C165
 17617 TTLL7|A0A087X234 DHRS7B|J3QLJ8
 17618 HLA-DRB1|P01911 HLA-B|M9P8U2
 17619 IGSF5|Q9NSI5 CIITA|I3L2E5
 17620 PPP3CA|E7ETC2 HLA-C|U5YES6
 17621 COX3|A0A059QFL5 MKNK1|E9PMM8
 17622 YTHDF2|Q9Y5A9 SPINT3|P49223
 17623 ZNF710|H0YLZ7 HLA-C|N1JUB6
 17624 R3HCC1|E5RHX3 EPO|G9JKG7
 17625 SERHL2|Q9H4I8 KLC1|B5BU63
 17626 ND1|L7XZ04 LRRN2|O75325
 17627 WEE1|P30291 RYBP|Q8N488
 17628 COII|Q4GCC3 PIGK|Q92643
 17629 MREG|Q8N565 CSRNP1|Q96S65
 17630 MT1X|Q8WVB5 ATG4B|C9JVD5
 17631 NEB|H7C2D0 ND4|D6R6Z6
 17632 MYO1C|I3L3Y6 LCAT|J3QSE5
 17633 HBB|Q9UBV6 POLR2I|P36954
 17634 CYP1B1|A0A087WW26 ROR2|A1L4F5
 17635 CRBN|A0A024R2H8 COASY|Q13057
 17636 CUTA|H0YDR4 SLFN11|C9JDG6
 17637 PSMA4|P25789 ZSCAN2|F5GY18
 17638 SKAP1|Q86WV1 PPM1A|E9PP44
 17639 TGFB1|A0A078BC11 POLR3H|E7ERZ2
 17640 HLA-C|A0A060VCP6 ZIC5|Q96T25
 17641 RHEB|C9J931 GPR50|Q7Z581
 17642 BMP4|U3MVU6 ND1|E5DYH8
 17643 PLA2G6|O60733 IL36RN|Q9UBH0
 17644 SLC14A2|E7EPU1 COX2|H9E7F7
 17645 DDT|P30046 WHRN|A0A0C4DFN4
 17646 VAMP3|Q15836 FGFR2|S4R381
 17647 CHGB|P05060 HLA-DQB1|A0A090KKE5
 17648 TTLL4|Q14679 ND1|G5D8P2
 17649 CCNB1IP1|G3V5Q4 PTHR2|Q53T35
 17650 TCIRG1|E9PM12 OAZ1|P54368
 17651 ND6|Q6RRL4 ZNF67|Q0EFD1
 17652 RPS23|D6RIX0 DCHS1|Q96JQ0
 17653 HLA-C|M9P9U1 ZNF607|Q96SK3
 17654 HLA-A|E2GJF6 HLA-A|F8RHB9
 17655 cytb|B9EFS8 ATP6|B2XER9
 17656 LCN1|P31025 GALT|Q14362
 17657 TRIT1|Q3T7C6 Fam20A|L8B8N7
 17658 MBP|E9PSE2 ABCB9|H7C478
 17659 PIK3C2B|Q4LE65 ICA1|E9PDL4
 17660 SMYD2|Q9NRG4 CO1|Q0VXC9
 17661 B3GALT5|Q9Y2C3 MAP4K4|E7ETN6
 17662 ND1|B8X5J9 CYB5A|P00167
 17663 P2RY14|C9JAB5 SDF4|G3V1E2
 17664 CNN1|B7Z7E1 HLA-C|E0X612
 17665 DKK4|Q9UBT3 PPOX|F5GZT7
 17666 SPINK13|Q1W4C9 HLA-DR15|C7FDX1
 17667 HLA-DQB1|S6CQ55 TSPAN1|O60635
 17668 UGT1A3|A7E1U4 NBPFF3|Q9H094
 17669 CA1|E5RFE7 HOXD4|A0A087WSZ3
 17670 CERS5|Q8N5B7 HTR2C|B3VRE5
 17671 KCNJ3|P48549 PTPN13|D6R9X4
 17672 RAD9B|J3KPN7 ST6GALNAC1|Q8TBJ6
 17673 NR1H3|C9J2C8 AR|C0JKD7
 17674 TTLL5|G3V2J9 HLA-C|S5DLE2
 17675 FGFR1|E7EU09 KMT2A|H7C5W4
 17676 ERN2|Q76MJ5 HDGF|P51858
 17677 CCNG1|D6RGX3 TRPS1|Q9UHF7
 17678 RAB26|H3BMG6 ANK2|H0YAG3
 17679 TUBB2A|A5D906 HLA-A|Q95ID4
 17680 NADH5|Q4GSD1 CSDC2|H7C4E7

17681 DMPK|X5D8Z6 COMT|E7EUU8
 17682 C14orf166|Q9Y224 MCIDAS|I6L8E2
 17683 ZIC2|A0A024RDY6 ND2|L7XIA4
 17684 ACSM2A|Q08AH3 PDCD1LG2|Q9BQ51
 17685 DKFZp762F247|Q6AI38 CYB561|F5H757
 17686 PITPNB|B3KYB7 ZFAT|E9PBN4
 17687 COX1|A0A059QDY7 ATP6|E5DYF7
 17688 UGT1A4|Q8WX87 HLA-DR15|G0Z8F8
 17689 ND2|Q9B2X3 ND5|A0A096X3C9
 17690 HLA-C|G0ZDW6 TYMS|P04818
 17691 SH2B1|F5GXU7 UGT1A5|Q5QTE4
 17692 TP53I11|O14683 HLA-A|X5MFE7
 17693 RXRA|Q6P3U7 OR7D2|Q96RA2
 17694 ND5|R9Y6Z7 KDR|P35968
 17695 F9|Q19UL0 HLA-G|C0JT28
 17696 PITX2|Q99697 CNPY4|Q8N129
 17697 FUT3|K7ES24 SGK2|X6R8H3
 17698 ndh4|T2HMQ7 BCR|Q6QJE5
 17699 MTURN|Q8N3F0 PRDM8|Q9NQV8
 17700 CHRNA7|Q693P7 CYTB|A0A0A0PPB3
 17701 CSNK2B-LY6G5B-562|N0E644 NME9|H7C5P8
 17702 PDCD2|J3QK82 GLI2|Q0VGA0
 17703 HLA-DPB1|A0A0A7C943 IDO2|Q6ZQW0
 17704 POP5|Q969H6 HLA-C|Q2P9R7
 17705 LHFPL5|Q8TAF8 HLA-DPB1|A0A0A7C9C4
 17706 ANK2|H0YAG3 DNMT2|Q6ICS7
 17707 HLA-DPB1|A0A0A7C916 SCG3|Q8WXD2
 17708 GNE|Q6QNY7 CHN2|H7C138
 17709 VPS54|A0A0A0MT48 TATDN3|E9PRA1
 17710 ZNF565|K7EL42 HLA-C|V5L7G0
 17711 IDH2|P48735 MMP28|C0H5X0
 17712 ILF3|K7EM82 COX3|A0A059RLQ9
 17713 GBGT1|J7Q1C6 PSMD8|R4GMR5
 17714 PAX9|P55771 MBP|J3KT34
 17715 VPS33A|F5H6Y0 DNASE2|A0A024R7F4
 17716 TOX|O94900 C19orf73|Q9NVV2
 17717 CALM1|P62158 HCR|A9XAB3
 17718 RNF11|Q9Y3C5 HLA-DQB1|R4QQY4
 17719 MAPK3|B3KR49 FTSH|Q9NQ51
 17720 FPGS|Q96LE4 PDS5B|Q9NTI5
 17721 PGA4|P0DJ07 HLA-C|G9HWA9
 17722 VPS4B|A0A024R2C5 NCKIPSD|Q9NZQ3
 17723 SRD5A1|P18405 RBM4B|U3KQD5
 17724 SLC45A2|Q9UMX9 NADH4|B9EED1
 17725 UTY|E1NZ79 NPTX2|P47972
 17726 UTY|F4MH82 GGT5|P36269
 17727 EFCAB3|Q8N7B9 NAB1|C9JFF6
 17728 GNAQ|G3V1P7 CYTB|H9R6M2
 17729 SCYL1|Q96KG9 CETN1|Q12798
 17730 TNFAIP3|D3TTY5 KDM1B|H0Y6H0
 17731 ARNT|P27540 MUL1|Q969V5
 17732 COX3|S4T6M3 PAPOLG|Q53T17
 17733 HLA-C|E0YTM0 HEXIM2|K7ESM2
 17734 DCTN1|E9PCY0 ND5|A0A023I890
 17735 RAB9B|Q9NP90 TUBG1|K7EIS0
 17736 MYH9|P35579 HPRT1|Q6LET3
 17737 CEP112|Q8N8E3 ND1|B1NUN0
 17738 PLEC|E9PIA2 KNS2|Q7RTQ4
 17739 HEL-S-78p|V9HVV1 LACE1|Q8WV93
 17740 ZNF559|Q9BR84 GPAT2|Q6NUI2
 17741 ATP6|I7D8P0 ZIC4|Q8N9L1
 17742 IL1RL2|Q9HB29 PROS1|Q8IXD1
 17743 LRP2|Q53TL0 Hosa(Japanese)-T2R39|Q50KL2
 17744 CGN|B9EK46 LCORL|Q8N3X6
 17745 PIGQ|E7ERP4 CREBBP|B5A227
 17746 CAMK2A|Q8IWE0 CYTB|X5BS38
 17747 ATXN3|D3VVT2 ATP6|E5E143
 17748 LY86|O95711 RC3H1|B9EGU6

17749 DHX9|Q58F26 GPIHBP1|Q8IV16
 17750 RNF31|Q96EP0 DMD|E9PDN5
 17751 FLJ00319|Q6ZNJ9 FXYD7|P58549
 17752 PHF7|H7C4N0 HLA-DRB1|M1VED6
 17753 PIEZO1|E7EUT2 CSNK1A1|D6RGE5
 17754 RAD9A|C4TNW7 RASGEF1B|Q8N437
 17755 ATP6|A0A068BYY3 EPS8|F5GYM8
 17756 COX1|A0A059RIM1 METTL16|Q86W50
 17757 DESI1|Q6ICB0 LTBP3|E9PJR2
 17758 OR8D1|Q8WZ84 SLC22A17|Q8WUG5
 17759 HLA-A|I6NXI2 DMD|A7E212
 17760 COX3|K9R3V8 NAT1|Q6U7I7
 17761 ARF1|A0A024R3Q3 PAWR|H0YHP5
 17762 EIF3C|H3BPE3 FKBP2|Q53XJ5
 17763 ND1|A0A096WL34 NBPFF14|A0A0B4J2B3
 17764 PTPRD|Q2HXI4 ASXH1|Q76L82
 17765 5HTT|Q9NYN7 PRDM9|Q9NQV7
 17766 SLC25A24|Q6NUK1 NR1H3|C9JCS0
 17767 DRD2|F8VUV1 MSX1|E9KXT1
 17768 LRRK1|H0YEW1 CAPN3|P20807
 17769 GGT1|Q6NZY2 LPIN2|Q92539
 17770 C9orf156|Q9BU70 BSCL2|F8W7Q8
 17771 HLA-DPB1|A0A0A7C7E2 TRIM46|A0A087WUH1
 17772 MINK|Q8NG69 NPC2|P61916
 17773 ARHGAP35|Q9NRY4 CDKN1B|Q6I9V6
 17774 LAYN|Q6UX15 C8orf33|Q9H7E9
 17775 APOBEC3DE|B2CML4 SET|Q5VXV3
 17776 ND6|C8YA62 ADSSL1|G3V5D8
 17777 HLA-A|U5YEE3 VTI1A|Q96AJ9
 17778 GTSF1|G3V1V4 DKFZp666F1010|Q658X5
 17779 NUDT5|Q9UKK9 ABLIM3|D6RHE7
 17780 MUT|A0A024RD82 HOXA3|A4D182
 17781 CYTB|A0A060IFX7 HLA-B|M5FJF4
 17782 HEL-S-299|V9HW87 KCNT2|Q6UVM3
 17783 CFLAR|C9JSU3 FBP2|O00757
 17784 PITPNB|A0A0A0MSW4 ATP6|Q7YED4
 17785 TCEB1|R4GMY8 HLA-C|D6MKU8
 17786 GNAS|S4R3E3 PRND|Q27H88
 17787 GFM1|F8WAU4 HLA-A|Q8WMA2
 17788 cytb|B2XNG6 MC1R|V9Q671
 17789 NAA35|Q5VZE5 COL11A1|D3DT71
 17790 P4HA2|O15460 GALNT3|Q14435
 17791 PCSK5|Q5JSG7 RAB30|E9PRX0
 17792 IRF3|E2GIM7 FLJ00380|Q8NF22
 17793 SHFM1|Q6IBB7 HLA-B|D5FHU6
 17794 GRM7|C9JMT3 KCNJ4|Q58F07
 17795 HLA-B|D4HPJ5 SOD2|Q7Z7M7
 17796 DKFZp666M039|Q658Q3 SLC39A14|E5RFT1
 17797 CYTB|U5Z1X2 SEC23B|Q5QPE2
 17798 HLA-A|A8DA00 CYB5D2|Q8WUJ1
 17799 ARID4A|H7C485 APOL1|Q1WWL5
 17800 PIK3R2|O00459 IRX5|P78411
 17801 SRRM1|Q8IYB3 SCN7A|F8WD82
 17802 ND3|A0A059RUP4 HLA-A|M9PAA4
 17803 PCDHGA7|Q9Y5G6 NUBP2|H3BNF0
 17804 C6orf15|Q6UXA7 HLA-A|F6KRP1
 17805 HLA-C|D6MJK9 DDX11|R4GNE1
 17806 STIM1|Q13586 CTSB|E9PL32
 17807 ATP6|R4IBN0 MEOX2|Q6FHY5
 17808 ROBO1|Q1RMC8 B3GAT3|O94766
 17809 NDUFC1|O43677 DKFZp762M113|Q69YP0
 17810 WRB|A0A096LNT6 NCAPD2|A0PJ76
 17811 ABC1|Q9NS76 CLDN16|A0SDD8
 17812 SCN5A|Q14524 HLA-C|J7JWN0
 17813 ANXA2|H0YLE2 SMAD2|Q15796
 17814 ND1|E7CNH8 COX3|A0A096WXN1
 17815 ND4|D2KLI0 PERB11.1|Q99695
 17816 RGL2|O15211 ND5|B2YBC2

17817 ZDHC16|Q969W1 SLC14A1|E9NSU1
 17818 HLA-B|Q7YPH6 ERAP1|A0A0A7E7X3
 17819 SNAPC5|O75971 HLA-C|U5YEY9
 17820 ARID1A|A4FU79 ZNF493|M0QXT4
 17821 RET|Q9UMQ4 HLA-C|U5YF48
 17822 CS|F8VMQ5 GRM1|Q13255
 17823 ATP8|G5D7T4 CYTB|G9LCA8
 17824 ATP6|Q4ZFD4 GATF-C|A9ZM15
 17825 SLIT2|H0Y9Z6 TRAPPC3L|Q5T215
 17826 HLA-DPB1|A0A0A7C6A2 HLA-A|F6KRN7
 17827 NFATC4|G3V4U6 Mrip-Ntrk1|U6FSN9
 17828 PLXND1|H0YAB2 RNF121|Q9H920
 17829 SUPT16H|Q9Y5B9 COX3|Q4ZEF8
 17830 ESCO1|A0A0C4DH04 PHLDB2|Q86SQ0
 17831 XRCC6|A0A024R1N4 COX2|W8DBX9
 17832 GPR12|Q6NWS7 EZH1|K7ENP2
 17833 SDHA|A0A087X1I3 COX1|H9QDP9
 17834 ENOX2|A4QPE1 AMPD2|E9PJF6
 17835 TLR10|D1CS27 ATXN3|D3VVQ2
 17836 HLA-DPB1|S4T6S0 HLA-C|F1CCI5
 17837 ALG8|H0YDQ1 B3GNTL1|Q67FW5
 17838 ZNF839|H0YM94 SAP130|H7BXF5
 17839 STIM1|E9PNJ4 RDX|Q6PKD3
 17840 POLB|P06746 cytb|A7XTP7
 17841 HLA-Cw|O19574 THAP3|R4GNH0
 17842 CYTB|A0A023QLW1 PAX6|P26367
 17843 SYN3|A0A0A0MR68 KRTAP19-7|Q3SYF9
 17844 PPIG|Q2NKQ6 DNAAF3|Q8N9W5
 17845 HLA-B|A0A090KF41 DLG1|Q12959
 17846 MKNK1|Q9BUB5 DYSF|O75923
 17847 OGFR1|Q5TC84 NANOGP8|J7H9T4
 17848 NRP1|Q9H2E0 PRDM9|U5YUF5
 17849 HLA-B|Q6KBS5 SLC26A3|C9JFJ2
 17850 EIF3L|Q9Y262 ND5|A0A096WCN3
 17851 ADA|P00813 RADIL|C9J7G0
 17852 DVL1|A0A024R080 KIF5B-RET(NM_020975)_K16;R12|M1VE89
 17853 ND4|B2YA81 CECR1|Q9NZK5
 17854 PCSK5|Q92824 MCM2|C9JZ21
 17855 ESYT1|F8VZB1 ALKBH1|Q5XKL0
 17856 GABRP|E7EWG0 TBC1D3D|A0A087WVF3
 17857 MTMR3|A0A024R1I2 ND1|A0A059QJL5
 17858 LCK|P06239 ROCK1|J3KRH6
 17859 EIF5B|A0A087WUT6 LDHB|Q5U077
 17860 SCAMP2|O15127 CTNBL1|Q8WYA6
 17861 IRS2|Q96RG4 HDAC11|Q96DB2
 17862 NT5DC4|Q86YG4 PRMT7|H3BPZ8
 17863 ARSD|P51689 HCR|A9XAF0
 17864 CNR1|S5TLS4 SIAH1|Q8IUQ4
 17865 DKFZp686C06243|Q6MZL5 COX3|A0A059RID7
 17866 MAP2K7|D6W660 PTF1A|Q7RTS3
 17867 ZYG11B|Q9C0D3 NR5A2|O00482
 17868 HLA-B|D4HPJ7 C1orf168|Q5VWT5
 17869 CTRL|P40313 COPZ1|F8VUC5
 17870 PEPD|P12955 PIK3IP1|Q96FE7
 17871 HMBOX1|E5RGZ2 DPYSL2|A9CQZ2
 17872 PCMTD2|Q9NV79 COX1|E5E1V0
 17873 CDK4|Q6LC83 HLA-C|A0A090MEY3
 17874 HMBS|P08397 MSX1|E9KY04
 17875 ELN|G3V0G6 OGFOD2|Q6N063
 17876 LRCH1|Q9Y2L9 NPL|Q9BXD5
 17877 KPNB1|J3QR48 MAP3K3|Q99759
 17878 SLC4A7|H7C3C4 RFX5|F8W689
 17879 DHX34|A0A024R0R8 HLA-C|C6JSX5
 17880 HLA-DQB1|I4EPK0 LRR17|Q8N6Y2
 17881 SLC27A5|M0R075 GTPBP8|F8WBY6
 17882 PRKAR2B|A3R6R8 ND1|Q7YCF4
 17883 BRPF3|H0Y7B4 ARPC1A|Q75MY0
 17884 RPLP0|F8VPE8 POU3F1|Q03052

17885	PCYT1A H7C1T3	LOXHD1 H7BZ41
17886	RAMP3 M5AMS3	PCMT1 A0A0A0MRJ6
17887	ND5 Q7Y7F0	FER Q05DA5
17888	ARR3 P36575	CTSH E9PKT6
17889	XYLT2 H0YB00	IP6K1 Q92551
17890	SNTB1 Q13884	PATL2 C9JE40
17891	ACLY A0A024R1T9	SLC22A25 H0YCS4
17892	SAP30BP J3QLM2	AF10 O60697
17893	IVD H0YKV0	UTY F4MH64
17894	PERP Q96FX8	ADRA1D B0ZBE0
17895	DNPH1 H0Y8X4	COX3 A0A059QFL5
17896	ZNF217 H0UI66	TMEM129 A0AVI4
17897	CYTB A0A060IFX7	HLA-DPB1 A0A0A7C6T9
17898	MSL1 Q68DK7	ND1 R4I9W6
17899	COX2 L7XQ86	SLC25A24 Q6NUK1
17900	FKBP10 H0Y827	NAPB Q9H115
17901	FASLG Q0VHD7	BEST4 Q8NFU0
17902	ECE1 P42892	HLA-DRB1 Q4ZJJ2
17903	PKN2 Q16513	SYTL2 E9PS29
17904	HLA-DPB1 A0A0A7C898	S100B P04271
17905	EXOC6 E7EW84	HLA-DQB1 A0A0A7C9I2
17906	PROC E7EU72	TMCC2 Q7Z6C6
17907	VTI1B Q9UEU0	MC1R Q1JUM4
17908	MT1G P13640	HLA-B K9LDK5
17909	KIF18A Q4G194	HK3 P52790
17910	PUS3 E9PNY6	ZNF608 B3KPE6
17911	IFNA16 P05015	PXDN Q92626
17912	ND5 X5CF88	FNIP2 Q9P278
17913	ND5 Q5SB14	PARM1 Q6UWI2
17914	PCCB P05166	MRPL43 Q8N983
17915	HLA-C A0A0A7C979	RHOT1 H7BXZ6
17916	HTR3C Q8WXA8	OR4S2 Q8NH73
17917	ZNF79 F5H032	HLA-C C7FDU1
17918	hCG_2044188 Q8NH77	HLA-A D5FIG6
17919	OR1I1 B2RU23	GLB1L3 H7C115
17920	PGAM2 P15259	PIEZ01 E7EUT2
17921	PPCS Q9HAB8	TBPL1 Q7Z6U2
17922	NPEPL1 Q8NDH3	APCS P02743
17923	HLA-DQB1 A0A0A7C6I3	DUSP18 Q8NEJ0
17924	SLC25A53 Q5H9E4	CHIA A5D6V7
17925	RHD D6Q1S7	ATP6 A0A075X6Y8
17926	ATP8 F2WGM5	HLA-A I0DFI9
17927	RECQL5 J3KTQ2	ARHGAP5 A0A0A0MSK6
17928	SHC4 Q6S5L8	NT5C2 P49902
17929	HLA-A K7P5R4	AIF1 I3WTX1
17930	TDRD1 H9KV63	HLA-DQB1 A0A0A7C7R6
17931	CYB5R3 A0A024R4X0	UGT8 Q16880
17932	ND6 A0A023I8N0	PPP1R21 Q6ZMI0
17933	PLCB4 B1AJW4	ND2 F2WET5
17934	UBAC1 Q9BSL1	HLA-A G9HRL2
17935	WFDC13 Q8IUB5	NR2C1 A0A087WUK4
17936	SLC1A3 A0A087X0U3	FAM107A O95990
17937	SLC4A11 V9GXZ2	ZNF843 Q8N446
17938	ATP6 F1AZ37	PARP4 Q9UKK3
17939	ACSF3 F5H755	CDC25B Q7LDQ7
17940	ATP8 B2XEL6	ND1 H9Q052
17941	BAHD1 A0A024R9K2	AGAP2 Q99490
17942	HMG2 F5H6H0	GRM6 O15303
17943	NUCB1 Q02818	COX3 B0Z6N9
17944	TRHR P34981	HLA-C K4RH57
17945	BMS1 Q14692	HLA-C D6MLF3
17946	DSCAML1 G3V1B5	ACADVL B3KPA6
17947	RHD T2LLM2	TNPO2 A0A075B780
17948	MOB2 Q70IA6	ZFR2 Q9UPR6
17949	HLA-C G1EQH5	CYP20A1 Q8WZ13
17950	ZNF619 Q17RW3	LCLAT1 C9JMW2
17951	SRPK3 H7C2I2	HLA-DPB1 A0A0A7C6Z4
17952	UTY F4MH63	TIMM8A O60220

17953 BARD1|F6MDI1 SAE1|B3KNJ4
 17954 SEPT4|J3QRS4 PCBD2|H0YA52
 17955 NELFA|A0A0C4DFX9 PITRM1|A0A0A0MRX9
 17956 COX2|Q6RQ80 ESRRG|P62508
 17957 COX1|A0A059RPT5 BRF1|A0A024R6P8
 17958 ATP13A3|Q9H7F0 LCN2|X6R8F3
 17959 CEL|X6R868 ZNF24|K7EQP8
 17960 ATP6|H9QTU3 ND5|R9Y599
 17961 TP53INP2|Q5JX66 TIMM17B|V9GYS0
 17962 WFIKK2|C9J6G4 RPL31|B7Z4C8
 17963 PIG60|A8YXX5 HLA-C|D7NP72
 17964 ND2|Q9B2Z3 PARP10|E9PSE7
 17965 SLC29A3|Q9BZD2 HLA-C|K7P579
 17966 TWIST1|H7BY00 SLC16A7|O60669
 17967 PRSS57|A0A0A0MR61 ACSF3|H0YGC7
 17968 TIEG2|Q53QU8 ADHFE1|B4DV11
 17969 ZEB2|E7ESP8 KCNQ3|E7ET42
 17970 CAPS2|Q9BXY5 ND6|Q8WCX7
 17971 ND2|Q9B2W4 ND2|G5D8C6
 17972 HMBS|Q0G847 ND4|B2XJG5
 17973 DIAPH2|K4DI95 MARC2|X1WI34
 17974 ENC1|D6R9D7 ND2|D6C304
 17975 SMC6|Q96SB8 PRKCZ|D6RAU1
 17976 B3GNTL1|Q67FW5 TNKS1BP1|Q9C0C2
 17977 ND1|T1SW94 CYTB|F1AKQ8
 17978 SLC15A2|Q16348 HLA-A|C8XTN8
 17979 TRIM5|Q9C035 XRN1|C9JCZ8
 17980 LTBP1|C9JD84 NTF4|P34130
 17981 HOXB13|V5QRV9 MRPL21|A0A024R5G7
 17982 EMC9|Q9Y3B6 G6PD|Q0PHS6
 17983 DNAH9|K7EMX3 FPR1|M0R315
 17984 G2E3|G3V483 GABRG3|Q99928
 17985 OR51J1|Q9H342 COLEC10|A0A024R9J3
 17986 ATP2A3|Q93084 APO0|Q9BUR5
 17987 hCG_24991|A0A024RB27 ATP6|E1AXS4
 17988 ESR1|C8CJL5 ND2|H9QWR6
 17989 ARHGDIB|F5H3P3 CTNNA1|E5RJP7
 17990 ALG13|A0A087WTT9 ND1|A0A097PVF1
 17991 CDKL2|J3KNE8 KCNJ15|C9JTX1
 17992 MAP2K1|H3BRW9 PUS1|A0A024RBS6
 17993 SLC15A1|Q4VAL9 HLA-DRB1|A0A0A7C4I7
 17994 COX3|Q5XZL8 SGSH|I3L207
 17995 AMPD2|E9PIJ1 ART3|Q5J1P8
 17996 HLA-C|A0A0A7C6C2 HIAT1|Q32Q64
 17997 PLCD3|F5GXC1 APOA2|V9GYM3
 17998 PRODH|A0A087WWM6 ANXA7|P20073
 17999 STMN1|B5BU83 RNF157|Q9BTC5
 18000 MXD1|Q05195 CYTB|F2WHS3
 18001 CCL14|A0A087X089 CNTNAP2|X5D8X9
 18002 CYTB|A4ZMC6 WASH|A9QQ20
 18003 ND4|A0A023QGC0 HLA-C|G3D6H8
 18004 HLA-Cw|Q45FZ3 KRTHA7|Q6A165
 18005 SLC9A5|J3QRV1 HAL|Q4VB95
 18006 CNTNAP3B|Q96NU0 WDR5|P61964
 18007 CYB561|P49447 COX2|A0A059QQA7
 18008 DPH1|K7EQQ6 NDRG1|E5RK17
 18009 TBC1D10B|Q4KMP7 ZNF773|M0QX16
 18010 ATP6|R9Y4V1 CCDC136|Q96JN2
 18011 ZC3H13|Q5T9K0 KIF1A|C9JBH1
 18012 HLA-B|F8R8K1 CD01|Q16878
 18013 HLA-B|J9UP90 ACAD9|Q9BUX5
 18014 HLA-DRB1|L0BXX2 CHN2|P52757
 18015 TXNDC5|Q86UY0 HLA-A|G9HW78
 18016 NANOGP1|Q8N7R0 ATP6|H9LKN6
 18017 TLR9|Q9NR96 NGF|P01138
 18018 ESR1|C8CJK9 FITM1|A5D6W6
 18019 hCG_24487|A0A024R261 SLC18A2|Q05940
 18020 RAVR1|Q8IY67 ND4|F1B5Y7

18021 CASP9|F8VVS7 COL20A1|Q9P218
18022 CYTB|A0A0A0PNK9 RUFY2|Q8WXA3
18023 ND5|A4ZLE0 HLA-B|E3Q1J1
18024 DPF3|F8W7T1 LMF2|Q9BU23
18025 HLA-DQB1|A0A0A7C980 OR2AK2|Q8NG84
18026 ZFAND5|O76080 AP2A2|E9PNC4
18027 AJAP1|Q9UKB5 CYTB|W8D996
18028 TKT|A0A0B4J1R6 C15orf62|A8K5M9
18029 ZNF358|M0R2S5 TXNRD2|A0A096LNY7
18030 KIFAP3|Q92845 CPEB3|B3KXC1
18031 DKFZp686F18120|Q68DZ9 HLA-DPB1|D2EDB6
18032 ABCA5|K7EMV2 HLA-C|A1DZT7
18033 GALNT1|Q68VJ7 GTPBP8|C9J8V5
18034 LIMD1|C9JRJ5 GBP7|Q8N8V2
18035 NOS3|H7C4V4 DUT|P33316
18036 HLA-B|C1KES8 SYT17|H3BMD4
18037 MARK4|Q96GZ3 DCHS2|A0A096LNH0
18038 ESR1|C7FFR5 ND1|F2WE76
18039 DCC|J3QLT8 ND5|Q7YCE2
18040 RABEP1|Q15276 CCL4|P13236
18041 GPR150|G4XH61 TLE3|H0YKT5
18042 INPP5F|Q9Y2H2 HMG2|P05204
18043 C8orf1|A0A024R9D5 Nb1a00121|Q3LIC1
18044 TBXA2R|P21731 TMPRSS11A|Q6ZMR5
18045 HLA-C|G1EQB2 CNTN4|Q8IWW2
18046 VEGFB|Q7LAP4 CFTR|Q99989
18047 BTG2|P78543 MED26|M0R2Y4
18048 SDCCAG3|Q96C92 ESX1|A6ZIU2
18049 KEL|X5FSQ3 NDUFAF6|Q330K2
18050 MAP2K6|K7EIW3 PRSS38|A1L453
18051 cytb|Q9G345 TPH2|B3VS35
18052 CX3CR1|C9JN40 IGBP1|P78318
18053 TRAF4|J9JIG0 ND1|I7CBG2
18054 PRKAA1|Q13131 PPAN-P2RY11|A0A0B4J1V8
18055 CHMP1B|Q7LBR1 TSC22D1|Q15714
18056 SIM2|V9GY04 HLA-C|Q30194
18057 OR7A10|O76100 DDX3Y|O15523
18058 ASRGL1|Q7L266 XRCC6|P12956
18059 CYTB|F8VAM3 AVPR1A|X5D2B0
18060 SLC30A1|Q96KD7 C2orf88|Q9BSF0
18061 ANGPTL7|O43827 ZNF850|A8MQ14
18062 F9|Q19UJ5 MATN1|A3KMG0
18063 ND5|E5E148 tryptaseC|Q96RZ6
18064 NUDT21|A0A024R6W2 TAF7|Q15545
18065 ZNF334|M0R3E1 CDK2|G3V317
18066 C4B|P0C0L5 SGSM3|Q96HU1
18067 HLA-A|I2B304 HLA-C|D3JTB8
18068 GRAF|Q9HBW4 MSH5|A0A024RCV8
18069 PEX3|P56589 BNC2|Q06HB7
18070 PLB1|B2RWP8 cytb|B9ED81
18071 ND2|V9N5K8 HYOU1|Q9Y4L1
18072 ATP6|H9QPX8 ANAPC15|F8WDQ6
18073 ND2|A0A059QQ15 SYCP1|Q5VXJ5
18074 SCAMP5|A0A0A8K8F5 FGFR1|B5A958
18075 MAST4|J3QT34 RGL4|Q495L7
18076 ZFYVE16|A0A024RAL3 CDK8|Q64FY6
18077 UMOD|X6RBG4 TEGT|A0A024R0Z5
18078 TMEM37|Q86SV2 MPDZ|O75970
18079 ND4|Q4EWT1 SULT1A1|P50225
18080 MORF4L2|Q5JXX1 C2CD4D|B7Z1M9
18081 HLA-A|O19604 LDB1|Q86U70
18082 IRF3|M0R0R8 TCL1A|P56279
18083 MT-ATP6|P00846 MFSD4A|B7Z8X0
18084 CYTB|A0A068BNA6 TUBB2A|A5D907
18085 RRN3|Q9NYV6 KCNH1|O95259
18086 TES|A4D0U5 PPP3CB|Q5F2F8
18087 ORMDL3|A0A024R1W6 CNR2|P34972
18088 LYG1|Q8N1E2 HLA-C|G9I2L8

18089 PPP2R5D|A0A024RD11 TARBP2|Q15633
 18090 RNMTL1|Q9HC36 CTNNA1|E5R1L0
 18091 SLC25A39|K7ELM7 DNAH5|O95496
 18092 HSA10|Q9NZP4 ND1|Q6RR93
 18093 KLK13|B5BUM9 KDM8|Q8N371
 18094 COX3|K7DVY4 GJE1|A6NN92
 18095 INHA|P05111 ESR1|C0LLI5
 18096 COX3|I7H1S4 CRMP1|Q96I11
 18097 DDX3X|O00571 ANKMY1|Q6GPI0
 18098 KIAA0894|O94968 HLA-Cw|D3Y5Z7
 18099 IDI2|Q9BXS1 ND5|A0A076LB70
 18100 MPC1|A0A087WVZ0 ERO1LB|Q86YB8
 18101 TBC1D3I|A0A087WXS9 GPR78|D6RB95
 18102 HLA-A|M1SQT4 VSNL1|Q4ZFX3
 18103 DKFZp686H0429|Q6AW82 KLK2|A0A024R4N3
 18104 HLA-C|C6K4K3 MEF2A|H0YM62
 18105 HEATR1|Q96ES5 ZNF226|K7EKQ6
 18106 POLR2F|U3KPY1 OR51Q1|Q8NH59
 18107 CRY2|A2I2P1 BABAM1|M0R2K3
 18108 ND4|A0A023QNG3 MUL1|Q969V5
 18109 ND5|H9M4B2 ZC3HDC1|A4D1T0
 18110 PCDH15|A0A087WUA8 AMICA1|Q496M2
 18111 CYLC1|Q6NS94 PHF20|Q5JXL1
 18112 ALDH1L1|C9IZ36 SERPINB10|H7BYS2
 18113 ATP6|B8XYH1 RPS21|Q9BYK1
 18114 LASS5|Q49AQ3 HLA-C|A0A0A7C4X3
 18115 CYTB|A6YW38 EXTL1|Q92935
 18116 CLEC11A|V9H0X6 FCH02|Q0JRZ9
 18117 SOX6|E9PQ78 SLC12A2|B7ZM24
 18118 LTA|W6A1P7 SFMBT2|Q5VUG0
 18119 ZNF420|Q8TAQ5 SLC11A2|F8W1P7
 18120 HLA-B|G9HW36 HLA-A|F2VNJ8
 18121 CFI|Q8WW88 CHMP2A|M0R1L7
 18122 LPO|F5H386 COX2|V9J3C6
 18123 ANAPC13|A8K3Z6 ND3|F2WIF2
 18124 GBX2|P52951 SDR9C7|Q8NEX9
 18125 HLA-C|M9P9W6 OR5K4|A6NMS3
 18126 CMTM5|Q96DZ9 SNW1|G3V5R3
 18127 AK9|J3KP89 MUC20|Q8N307
 18128 PDE1B|A0A024RB59 RHOBTB1|A0A024QZL4
 18129 CLEC16A|Q2KHT3 GFM1|E5KND7
 18130 UTY|F4MHQ7 ND2|Q7GM50
 18131 SLC26A6|G3XAC1 ATP6|V9J236
 18132 MTAP|Q6FHT1 TRIM5|L7RET5
 18133 CD5|H6DA29 SNRP116|Q8IXJ3
 18134 TWF1|F8VRG3 ALG10B|F8VXJ0
 18135 HLA-DPB1|A0A090A1W2 MYO5A|F8WE88
 18136 GPR22|Q3KNS9 FUOM|X6R6T9
 18137 FASTK|A0A090N8I0 CTSK|Q5QP40
 18138 SALL3|Q9BXA9 TDP1|G3V5H9
 18139 VPS16|Q9H269 DNAH1|H7C563
 18140 ATP6|Q7YED3 ND5|Q2LHG9
 18141 HLA-A|D1MYY8 RAB4A|A0A087WYT5
 18142 PMM1|F8WFD5 USP42|E5RJP3
 18143 ZNF669|Q5VT37 HLA-B|S4T6V5
 18144 OR4A47|B9EIM4 RAET1G|C9JAK3
 18145 YME1L1|Q96TA2 PPM1L|Q5SGD2
 18146 CNDP2|A0A087WYZ1 CDKN1A|A0A024RCX5
 18147 CHST1|O43916 Hosa(Biaka)-T2R1|Q50L07
 18148 NSD1|B2RWP5 SESN2|P58004
 18149 CCDC129|E7EQ43 TXNRD3|Q86VQ6
 18150 KRT8|P05787 HMMR|E5RI30
 18151 CARD6|Q9BX69 NMNAT1|A0A024R4E1
 18152 GUK1|B1ANH2 ND1|A0A075X7E4
 18153 RUNX1T1|E5RI38 DKFZp434D2429|Q8NDM9
 18154 FMNL1|K7EJE6 MMS22L|Q6ZRQ5
 18155 ATP6|A6Z6R7 QARS|I3QNU8
 18156 COPS8|A0A024R4D1 HECTD2|X6R824

18157	ATP5J Q6NZ59	ZNF319 Q9P2F9
18158	CRMP1 B3KT07	CYTB Q6VKB6
18159	DTX3 F8VUZ4	YPEL1 O60688
18160	MRPL44 Q9H9J2	TPST2 B1AHJ9
18161	ND3 C8Y8R4	SYNE1 F5GZ83
18162	HLA-C E0X603	BANF2 Q9H503
18163	APOB C0JYY2	CARD9 Q9H257
18164	RADIL F8WEM1	HLA-A K7P558
18165	IDS B3KWA1	MEIS1 O00470
18166	RPH3AL I3NI49	CTSL Q9HBQ7
18167	hCG_1642804 D3DXE8	ABHD14A-ACY1 C9JMV9
18168	HGD H7C5G7	HLA-DPB1 S4T6N5
18169	LONP2 H3BQ67	TYR L8B082
18170	TYR L8B0B9	CYTB H9A782
18171	PRELP P51888	ABCC10 D6R9B3
18172	atp8 T2HIA7	GSTM1 X5DR03
18173	TDP1 A0A024R6L5	HLA-DR15 F8R8M9
18174	HLA-G O02926	HBS1L B7Z524
18175	CYP2R1 Q6VVX0	RPL31 H7C2W9
18176	COX3 V9JJC5	RIT1 V9GYC3
18177	BCOR Q6W2J9	HLA-C K7P5W0
18178	NR4A1 H3BPN8	CMA1 Q4FEB3
18179	TGFBR2 P37173	ESR1 C0LLI5
18180	HEL-S-32 V9HWF2	ZNF140 I3L0I7
18181	PDK3 Q15120	CNTN4 C9JMQ2
18182	LMOD1 P29536	PRELID2 Q8N945
18183	CYTB I7GW39	RPL26L1 E5RIT6
18184	BOD1L1 Q8NFC6	DHX35 Q5THR1
18185	TMPRS511B Q86T26	PRDX2 A6NIW5
18186	KCNK7 Q3SYI1	DUSP28 Q4G0W2
18187	ZEB2 A0JP08	CRYBA2 A0A024R429
18188	HLA-C H9BQ90	SCAMP2 H3BQW2
18189	KIAA0020 Q15397	CDK11B J3QR29
18190	TBC1D9 Q6ZT07	HLA-A A7DZQ5
18191	ARL16 I3L4Z7	GPR150 Q8NGU9
18192	SLC13A4 Q9UKG4	CD151 P48509
18193	MED13L H0YIQ7	F8 A6NAE9
18194	HLA-DRB5 A0A024F9V3	U2AF2 P26368
18195	HLA-B D7NPN6	MFSD12 Q6NUT3
18196	ASXH1 Q76L82	FLJ30596 A0A024R048
18197	STAT3 G8JLH9	MAGI2 D6W5N0
18198	ATP8 Q5SAC3	PARVA E9PS97
18199	IVD H0YN10	ATP2A2 A0A0C4DH86
18200	B4GALT4 C9J644	HLA-C E2DHA6
18201	SNRPB2 P08579	OSGIN1 H3BTF9
18202	RARRES2 A0A090N7U9	RAP1B F5H6R7
18203	DST H0YC82	PROSC O94903
18204	ADH7 C9JP14	ND2 W8DEH1
18205	ZNF548 Q8NEK5	CS F8VRP1
18206	EIF6 F8WD20	CYTB E5Q8H7
18207	RHBDD1 Q8TEB9	ABCA8 A0A024R8L6
18208	AKAP3 O75969	ZNF84 J3KQ53
18209	PPIL4 Q6P392	ZNF567 K7ESK1
18210	DPP6 P42658	IRF5 Q13568
18211	MRGBP Q9NV56	ASF1B K7EIL9
18212	GDI2 V9GYJ7	CYP51A1 A0A0C4DFL7
18213	PGD K7EM49	CSNK2B N0E638
18214	EFHD1 A0A087X1Z2	SMAD3 H0YNV1
18215	HINFP Q9BQA5	HLA-A A5PHT9
18216	MLSTD1 A0A024RAW7	ATP11B A0A0C4DG94
18217	PRKAR2B Q75MP1	REST L0B1U4
18218	RPS27A Q8WYN9	KIF25 Q9UIL4
18219	CYTB D6R5U3	PIWIL1 F5H889
18220	RHBDD1 C9J1R4	PITPNM3 I3L1K1
18221	RXFP1 Q9HBX9	PEX1R633Ter Q96S70
18222	HLA-C F2VNT6	hCG_23833 D6W4Z6
18223	SLITRK4 Q8IW52	GALT C8CHJ4
18224	CLN5 A0A087WZY0	HSD3B7 I3L2H6

18225 DDX19B|Q2NL95 EXOC2|Q2MDF5
 18226 TPM3-ROS1|M1VPF4 ZNF707|E9PS67
 18227 ENTPD2|Q9Y5L3 COX1|A0A023QGP7
 18228 RNF10|A0A024RBP0 CTNNB1|B4DGU4
 18229 ARFGEF1|Q9Y6D6 HOOK2|Q96ED9
 18230 RALYL|Q86SE5 CEP164|Q9UPV0
 18231 NCBP1|A0A024R179 CPT1C|B3KU49
 18232 ZNF615|M0QZZ4 SOX2|A0A0B5HLA0
 18233 OR6T1|Q8NGN1 MRPS12|A0A024R0H2
 18234 S100G|P29377 DKFZp686P18130|Q7KZA3
 18235 DKFZp78101323|Q68DB7 PHF8|B0QZZ3
 18236 SLC1A3|E7EUV6 PTPN2|P17706
 18237 EFCAB6|Q5THR3 GMPR2|Q6PKC0
 18238 ATP8|A0S9D7 WNT6|Q53S45
 18239 FAP|Q12884 PHKG2|H3BN16
 18240 DKFZp434C1615|Q9UFG2 CLTB|D6RJD1
 18241 COX3|H9QYR0 ND5|E9L8Q7
 18242 tmp_locus_16|Q4W5I6 HLA-C|F6IQL4
 18243 NAT8L|Q8N9F0 SLC6A6|A0A087WYN0
 18244 MAEL|Q96JY0 PAX4|G3V4Q1
 18245 SIX6OS1|Q8N1H7 ZNF397|M0R288
 18246 HLA-DRB1|C8C9V7 CIDEA|A0A024R2F7
 18247 PGDH3|Q9UMY2 CYP11A1|H3BSZ1
 18248 HLA-B|G1EPZ4 ZNF398|Q8TD17
 18249 ALDOC|A0A024QZ64 G3BP2|Q9UN86
 18250 HSPA6|P17066 MGAT4B|H0YB63
 18251 SNTG2|F2Z2D2 F8|E3VWA3
 18252 LARGE|X5D9N1 GNPDA2|Q8TDQ7
 18253 MCM5|P33992 UROS|Q5T3L8
 18254 DKFZp781C1855|Q68DU9 MLH3|G3V384
 18255 CAP2|F8WEW0 HLA-A|G4XFZ3
 18256 MMP14|K4RH61 MAS1L|P35410
 18257 DKFZp564M1416|Q9Y3S8 RHD|D2CRH0
 18258 PIK3R3|Q8N381 COX2|G4W3M6
 18259 KLF9|Q13886 MRPL22|Q9NWU5
 18260 TERF1|A0A024R7X1 CST5|P28325
 18261 PTN|C9JR52 C17orf85|L0R6D6
 18262 KPNA2|Q7Z726 TERF1|P54274
 18263 ZNF221|Q9UK13 HLA-DPB1|A0A0A7C6Q1
 18264 ANXA11|H0Y6E1 PTPN4|J3KQD3
 18265 RNASEK|A0A0C4DH85 MTNR1A|P48039
 18266 AFP|P02771 CNGA1|P29973
 18267 HBA1|I1VZV6 HLA-B|Q95IY4
 18268 ETV5|C9J0Z2 TINAG|Q5T471
 18269 CA1|E5RHP7 ALS2CL|Q60I27
 18270 CHD8|H0YJA4 PLEKHG7|Q6ZR37
 18271 cox1|B3UYF0 ITS1N1|Q15811
 18272 RECQL5|A5YM55 CACNG1|Q06432
 18273 RAPGEF4|X5D9F4 hCG_28765|A0A024R152
 18274 PRDM9|U5YR71 HLA-DQB1|I4EPL2
 18275 SDHC|D3DVH1 ST6GALNAC1|Q9NSC7
 18276 MTMR1|B7Z3D5 ATP8|B2MZ68
 18277 KLC1|Q07866 ABCF1|Q2L6I2
 18278 ND5|A0A059QH44 ERAP2|H0Y9X9
 18279 STK19|P49842 GGA2|H3BMN6
 18280 HDGF|P51858 VGLL1|Q99990
 18281 TNPO2|Q4LE60 ZNF83|H9XFB5
 18282 KCNK17|B2RCT9 CELA2B|P08218
 18283 RPS6KA1|E9PMM7 TMX4|Q9H1E5
 18284 DARS|C9J7S3 MC1R|V9QAE0
 18285 ALDH16A1|F5H4B6 HLA-C|U5YEY6
 18286 DCLK1|O15075 HLA-C|M4MGG5
 18287 TARBP2|F8VZZ7 HLA-C|M4MD24
 18288 DIRAS1|K7EN06 PSD|Q86YI3
 18289 HNRPUL1|A0A024R0J9 SCRN2|J3QRJ1
 18290 SLC26A6|F8W9I8 RPL24|P83731
 18291 DYNC1H1|Q6P2H7 TACR2|A6NEW7
 18292 CCT5|P48643 SIRT1|Q96EB6

18293 PIR|A0A024RBX6 HDAC2|E5RGV4
 18294 HLA-C|G0ZML5 PLXNC1|F8W1K6
 18295 SAA2|P0DJ19 MORF4L1|H0YNE0
 18296 GMPR2|H0YNJ6 C11orf65|Q8NCR3
 18297 HSP90B1|H0YIV0 RPL6|F8VR69
 18298 RHD|A9JPG7 STAT1|P42224
 18299 COX2|A0A059QTW9 GNAS|Q5JWF2
 18300 TEAD4|H0YFF9 HLA-DR15|F1CCP7
 18301 ND2|A0A059RSZ5 IDH2|P48735
 18302 DKFZp434L0435|Q9UFH6 CHRNA3|Q6EWN2
 18303 HLTf|H7C5K0 PCMTD1|A0A024R7U8
 18304 CLEC3A|Q3SX92 NDUFAF6|E5RGD6
 18305 HLA-A|O19601 IRF3|E2GIM5
 18306 ASAH1|Q13510 CYTB|A0A059RSG2
 18307 PAPSS1|O43252 ND4L|A0A059QIR7
 18308 KLHL34|Q8N239 COX1|A0A075X8H6
 18309 SGSM2|O43147 NPLOC4|Q8TAT6
 18310 COX3|C8Y3W0 PMVK|Q6FGV9
 18311 STAT4|E9PBE2 MSX1|E9KY07
 18312 ASB9|Q96DX5 METTL17|G3V4H5
 18313 RDH10|E5RK48 ZCCHC14|H3BS18
 18314 COX3|C7SKT4 NAT14|Q8WUY8
 18315 HLA-C|I7GSS2 ITGB4|J3QQL2
 18316 HLA-C|D6MLE9 BLMH|K7ESE8
 18317 PYCR1|J3QL23 GRK6|P43250
 18318 MT2A|P02795 CRLF3|Q8IUI8
 18319 dopamine|Q16303 ENDOV|I3L0L4
 18320 PCDHA9|Q9Y5H5 DNAJB1|M0R1D6
 18321 HLA-DQB1|M9XDW4 ND2|A0A023QCY0
 18322 HAUS2|H3BP24 ZNF644|Q569I6
 18323 MRPL35|D3YTC1 CD1D|X2GFG1
 18324 DAPP1|Q9UN19 CCNE2|I6L961
 18325 OR10V1|Q8NGI7 ATP1A1|Q13818
 18326 MED15|F2Z2B7 CPT1C|A0A024QZI3
 18327 HLA-A|D7NSP1 HLA-C|G1EMS3
 18328 QRFP|P83859 APO0|Q9BUR5
 18329 ND6|Q20CU2 ZNF626|A0A087X1I5
 18330 SEC16B|H0YE70 SEPT9|K7EKN4
 18331 POU5F1|M1S623 F9|Q19UL0
 18332 GP9|P14770 TNF|P01375
 18333 YWHAB|Q4VY20 GUCY2D|Q02846
 18334 CPSF2|G3V3T7 DLGAP1|A0A0A0MTP4
 18335 RPL23|J3QQT9 SNX11|J3QRB9
 18336 NADH2|Q4GRX1 OR4K2|Q8NGD2
 18337 PDIA3|P30101 YME1L1|R4GNA5
 18338 OR2AT4|A6NND4 FDPS|A0A087X1D8
 18339 GIPC2|Q8TF65 KIAA1928|Q96PW0
 18340 CIZ1|Q5SYW2 ZNF713|Q8N859
 18341 HRBL|A4D2D6 HLA-C|C8CHA9
 18342 HLA-DPB1|A0A0A7C8M2 MC1R|V9QB58
 18343 CYTB|G9LDW7 MDGA1|Q8NFP4
 18344 ATP6|H9M3X7 HLA-C|E1U661
 18345 PODN|Q7Z5L7 ZNF469|Q96JG9
 18346 PFN3|P60673 TAT|A1L4G7
 18347 PAPOLA|H0YJ00 HYAL4|Q2M3T9
 18348 SCN9A|Q53QP0 COX2|A0A059RIZ2
 18349 TBP|Q7Z6S5 EFCAB4A|Q8N4Y2
 18350 CFI|E7ETH0 DDX31|Q9H8H2
 18351 ESRR1|F5H0E9 ALG1L|Q6GMV1
 18352 ND3|E5EWG6 GALNT1|A0A024RC48
 18353 KY|Q8NBH2 DKFZp313M0722|Q8N3P9
 18354 STAT4|Q53S87 GDDP5|H0YEF5
 18355 FBX011|Q86XK2 IL4|Q6NWP0
 18356 ADAM7|Q9H2U9 SPAG5|J3QRV8
 18357 ZNF681|E9PSC0 CD74-ROS1_C6;R32|M1VPF6
 18358 COX1|A0A059RH56 TBCD|I6L959
 18359 FLG2|Q5D862 BET1|O15155
 18360 AP2B1|A0A087X253 COG6|H0YGX8

18361 MDM2|A0A0A8K992 AGPAT2|A0A024R8I7
 18362 TAS2R39|P59534 PLEKHG2|E7ESZ3
 18363 NMNAT3|Q49AL4 OR2T12|Q8NG77
 18364 SRSF1|J3KSR8 DNPEP|E5RJ35
 18365 SLC5A6|E7EW41 NXPH3|O95157
 18366 HLA-A|A0A0A7C6N4 RASSF1|Q1W2K8
 18367 CYTB|A0A0A0PLC7 CFLAR|O15519
 18368 PCIF1|Q9H4Z3 ND1|Q0Z7F4
 18369 HEL106|V9HWD1 FLJ00407|Q6ZMJ8
 18370 ACSL3|F5GWH2 NAP1L4|E9PJJ2
 18371 PNMA5|Q96PV4 HLA-DPB1|A0A0A7C5C5
 18372 KEL|Q0KH85 HLA-A|D6MKZ6
 18373 ANTXR1|A0A087WXZ5 ND1|A0A023QRY9
 18374 AIDA|Q96BJ3 VDAC3|Q9Y277
 18375 M6PR|H0YF90 CYTB|X5C849
 18376 HPSE|D6RHG4 HELZ|Q6PGP6
 18377 KRT73|Q86Y46 HEPACAM|Q14CZ8
 18378 NMES1|Q9C002 RANBP17|H0YBM6
 18379 GRIN1|Q05586 F8|Q003W0
 18380 PHF11|C9JWH0 CLEC12A|Q5QGZ9
 18381 CYTB|Q2LHI0 FBX030|Q8TB52
 18382 ARFGAP1|E5RIU2 PABPC1|E5RGH3
 18383 HLA-DPB1|W5REF1 HLA-DPB1|A0A0A7C9Y1
 18384 ND2|H9SPG0 COX3|U5YV97
 18385 ASTN1|O14525 BIK|A0A024R4X6
 18386 CHIA|E9PLJ2 COX1|C7SDQ5
 18387 DOK3|D6RAM3 SCRNB3|Q0VDG5
 18388 DKFZp586E1422|Q9Y3Y1 MYH11|P35749
 18389 VPS37A|Q8NEZ2 RHOV|Q96L33
 18390 MRPS33|Q9Y291 UGT1A1|W6JNV6
 18391 HLA-C|D7NP71 APC|P25054
 18392 ND3|A0A059RWX3 IRF8|H3BRT4
 18393 HLA-C|K7P502 DEXF|Q68CQ4
 18394 TP53|E7EMR6 CCR5|P51681
 18395 MAJIN|E9PRZ4 E2F7|F8VSE7
 18396 SERPING1|E9KL26 ASB16|Q96NS5
 18397 DEFB124|Q8NES8 UBE2U|Q5VVX9
 18398 CYB561A3|F5H240 ND5|X5CNW6
 18399 DOHH|Q9BU89 PML-RAR|Q15156
 18400 TSNAXIP1|Q2TAA8 TMED2|Q15363
 18401 LRR1|Q96L50 COX3|A0A059RGW3
 18402 PRAMEF7|Q5VXH5 Hosa(Japanese)-T2R56|Q50KC8
 18403 DHRS4L2|D5KJA2 HLA-DPB1|A0A0A7C8G9
 18404 VARS|A0A024RCN6 ARIH1|H3BNB9
 18405 HLA-DPB1|A0A0A7C9D7 CDYL|Q9Y232
 18406 NEK11|E9PHI8 CCND3|H0Y8M4
 18407 POU5F1|B5B8N7 CTBS|Q01459
 18408 CDX4|O14627 UBA3|Q8TBC4
 18409 ND5|A0A096WAH6 CHST11|Q9NPF2
 18410 SLC39A14|Q15043 UGCG|Q16739
 18411 CASP6|D6RBM3 RPS8|Q5JR94
 18412 CYTB|V9JFT8 PRICKLE2|H3BNU0
 18413 TCP1|F5GYL4 IL13|P35225
 18414 ATP6|A6ZB88 XBP1|A0A024R1F0
 18415 TAC3|A0A024RB47 HMFN0839|A0A024RDG5
 18416 DFNB31|B9EGE6 CYTB|H9SEZ3
 18417 POLK|D6RAE5 SHROOM1|A6NN40
 18418 TMEM158|Q8WZ71 OR4E2|Q8NGC2
 18419 TPH2|B3VS60 LOC81691|H3BM72
 18420 COX1|A0A059RP89 CYP19A1|Q7Z471
 18421 NDNF|Q8TB73 EPB41L1|Q4VXN0
 18422 EMCN|Q4W5J1 POMT1|Q5JT07
 18423 POMC|P01189 AP1S1|A0A024QYT6
 18424 HLA-C|U5YC58 CYTB|D2Y669
 18425 FUT1|A0A0A0QYD1 RPS4X|B2R491
 18426 RNF126|A0A024R206 KEL|Q0KH88
 18427 ARSK|E9PGI0 RAD54L2|Q9Y4B4
 18428 SCAP|C9JQ35 ACTL6A|O96019

18429 PARP10|E9PJI2 ASNSD1|U3KQK8
 18430 RPS2|E9PMM9 COCH|G3V5G6
 18431 CCNG1|D6RCC5 GIN1|Q9NXP7
 18432 ASPRV1|Q53RT3 COX3|U3L8W6
 18433 ND2|V9JCI4 SSBP2|P81877
 18434 HLA-B|Q860I7 RNASEL|Q1RLL8
 18435 hCG_22457|D3DW38 GCS1|Q58F09
 18436 GRIN1|Q05586 CCAR1|F5H808
 18437 ZSCAN18|Q8TBC5 SLC22A23|C9J4Z0
 18438 GTF3A|Q92664 HLA-C|C5IZW7
 18439 ADRA1D|P25100 PPP1R13B|H0YJG1
 18440 WHSC1L1|Q9BZ95 CACNB4|E7EN11
 18441 ESPN|Q5JYL1 RPL27|K7ERY7
 18442 PPIP5K2|A0A087WZV0 ADCY7|F5H699
 18443 ANAPC1|Q9H1A4 ND5|G9LE56
 18444 TLR8|Q495P6 PHB|P35232
 18445 LOC728395|A4FUW6 HLA-DPB1|A0A0A7C661
 18446 HLA-DPB1|Q7YQ09 PBR|O76068
 18447 TSC2|X5D2X0 HLA-B|E2D5N8
 18448 UBE2H|A4D1L5 ND4L|H9E7P0
 18449 KIAA0368|R4GMY1 MDN1|Q6PJJ1
 18450 HLA-DPB1|W5REC3 CYTB|A4ZLI1
 18451 TCF7L2|E2GH16 HLA-C|E0X604
 18452 FOLR4|A6ND01 SOX13|E9PPW0
 18453 EGFL6|Q8IUX8 A4GALT|M1KVK7
 18454 MIB2|D6RE96 ND5|H9LNU2
 18455 NEB|H0Y786 ICA1L|F8WBQ1
 18456 CREBBP|I3L293 POT1|B7Z7M5
 18457 HLA-C|G1ENP7 PITPNC1|J3QRS7
 18458 ZNF623|A0A0A0MT18 SLC35F4|A4IF30
 18459 LGALS2|Q6PIT8 ACAT2|Q9BWD1
 18460 ENGASE|F8W925 APIP|B4DY17
 18461 ND5|A0A023QTY8 DIABLO|A0A024RBT2
 18462 CYTB|A4ZMX1 UTY|F4MH97
 18463 ND1|A6ZHP3 APOC1|K7EKP1
 18464 KPNB1|J3QR48 EIF4G1|C9J6B6
 18465 A4GALT|Q540I6 STXBP2|M0QZ54
 18466 LDHC|F5H155 RBMX2|Q9Y388
 18467 SNX12|A0A087X0R6 HSD3B2|P26439
 18468 ND2|G3EBP7 TGIF1|F8VVS9
 18469 COI1|C5H6K6 GLTP|F5GZ49
 18470 CPN2|P22792 ECSIT|Q9BQ95
 18471 KCNJ6|P48051 AMPD1|Q6F4B5
 18472 ZCCHC10|D6RHC2 TLR5|O60602
 18473 PSD|A5PKW4 LM07|E9PRJ0
 18474 GPX2|P18283 HLA-ABC|O19689
 18475 CYCS|C9JFR7 TCP1|F5H7Y1
 18476 CENPW|A0A0A0MRK5 HOMER3|Q9NSC5
 18477 ATP6|H9LL75 PGS1|K7EPX0
 18478 HNF1A|E0YMJ4 DGAT2L6|Q6ZPD8
 18479 TAF9B|Q9HBM6 CCR5|A0A089G7J0
 18480 CELF4|K7EJK3 ZNF625|F2Z3I2
 18481 CNIH2|Q6PI25 DHX58|C9JE76
 18482 PIPOX|K7EJU8 PRCC|Q92733
 18483 HBB|Q9BWU5 HLA-C|U5YC89
 18484 REPIN1|A0A090N8H1 SLC12A4|B3KUS0
 18485 CD6|Q8N4Q7 RHD|B6ETQ6
 18486 UBIAD1|R4GNE3 E2F3|A0A087X0B6
 18487 ND4L|A0A059RI90 CRYZ|Q08257
 18488 CYTB|R9Y3S7 FGD2|Q7Z6J4
 18489 HLA-A|C5IZR2 ARNT2|H0YKW1
 18490 ADAM23|A0A024R3W8 SH2B|A0A024QZC2
 18491 CYTB|Q4F5R1 ZNF320|M0R2L4
 18492 ATXN3|D3VVB9 XYLB|O75191
 18493 CLTCL1|A0A087WV74 MYB|E9PQQ2
 18494 IGF2BP2|B3FTN5 CYTB|H9QBC7
 18495 HIBCH|F8W8A6 crn|Q8IXG0
 18496 COX1|A0A023Q3L7 AVPI1|Q5T686

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18498	HLA-B Q7YQ47	CPVL Q75MM4
18499	MIB2 D6R9Q6	ND5 Q6RRR0
18500	ST6GAL1 P15907	ADAM7 C9JK28
18501	RS1 Q15537	SLC25A39 K7ELM7
18502	DDAH2 H0Y7N1	RPL6 F8VZ45
18503	SLC9B1P1 A6NJY1	CYP19A1 Q8IYG4
18504	VN1R2 Q8NfZ6	HLA-G Q6B849
18505	ND1 A1DVR3	HLA-C D7NP12
18506	ATP6 H9NQF5	CD151 P48509
18507	COX1 A0A059RMK4	G6PC P35575
18508	TFB1M E5KTM5	NFKB1 D6RF93
18509	CBLL1 Q75N03	PCDHA7 Q9UN72
18510	TINF2 Q9BSI4	ND1 Q6R0U6
18511	KLHL14 Q9P2G3	UTY F4MHR7
18512	NR3C2 P08235	FOXL1 Q12952
18513	PIAS2 K7EJT4	GALNS H3BP66
18514	HLA-B D2DKN9	SYT6 I6L9C3
18515	ND1 Q4VGD7	ND4 H9Q5A5
18516	NBPF26 A0A096LNW5	ADK P55263
18517	ZNF410 Q86VK4	TPSAB1 Q15661
18518	ZCCHC12 Q6PEW1	HBB Q8IUL9
18519	FAM127C Q17RB0	HLA-C M9P8Z6
18520	CYTB A0A0A0PZ59	PCK2 H0YMA5
18521	CACNB2 A6PVM6	RPLP0 F8VS58
18522	RAP1B E7ESV4	ATP6 A1DV99
18523	ADDA Q16155	COX3 B2XEK5
18524	DRD1 P21728	TLR1 D1CS34
18525	COX3 A7LDP6	CD36 P16671
18526	PHLDB2 Q86SQ0	CCDC153 Q494R4
18527	NECAB2 Q7Z6G3	STMND1 H3BMF7
18528	ND2 H6TWU0	MC1R Q1JUL6
18529	GPATCH4 A0A0A0MRK1	MEIS2 A0A024R9L4
18530	THOP1 K7EL32	RNF13 O43567
18531	EBP C9JJ78	ADAM28 H0YBQ8
18532	HLA-C E3SGB9	DOK3 Q7L591
18533	DNASE1L3 C9J0L2	DYX1C1 Q8WXU2
18534	CCR5 Q5QIN9	ND1 G9LB95
18535	GIMAP7 Q8NHV1	COX3 A0A059RLQ9
18536	ND3 D2Y6W3	ADCY4 Q8NFM4
18537	HLA-C G0X8T2	HPCAL1 Q6FGY1
18538	FAM214B Q7L5A3	ATP6 A6ZET3
18539	DHX33 Q9H6R0	ND5 B2D400
18540	ATXN3 D3VVM4	TP53 B5AKF7
18541	TMEM44 Q2T9K0	SHMT2 G3V2D2
18542	ND1 B1PZ98	ND1 F2WHP8
18543	ALKBH3 E9PN35	PRKAR2B A3R6R8
18544	SCNN1D A6NNF7	NF1 J3KRT8
18545	HLA-C V5JAA8	TOM1 V9GZ68
18546	COX3 A0A059QNN3	TRIM52 Q96A61
18547	AP1M1 K7EPJ8	ETNPPL D6RGG2
18548	CASP9 H0Y3S8	HLA-C M9P9U9
18549	AKR1A1 P14550	AGK E9PG39
18550	ZNF441 Q8N8Z8	PTPN1 B4DSN5
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18552	EIF4G1 Q96I65	HLA-A D3U454
18553	HLA-C G9HW51	NDRG3 Q9UGV2
18554	SLC6A8 H7C249	CBLN1 P23435
18555	MAP3K11 Q16584	ATP2C1 D6RGE9
18556	DIABLO F5GYH3	IQGAP1 A4QPB0
18557	PRSSL1 B7ZMF6	COX3 A0SD91
18558	PEX26T131C Q2PEF9	HLA-C G1EQ95
18559	PROS1 Q8J011	HAAO P46952
18560	CCNB1IP1 Q9NPC3	SUM02 J3KRH1
18561	COX1 A0A059RSF2	SEPT9 K7ENQ5
18562	HLA-A U5YBD5	ZYG11A Q6WRX3
18563	ATP6 H9T5P5	PVRL1 Q6SYC1
18564	NAT2 A4Z6U7	FOS G3V5J9

18565	FAM49B Q9NUQ9	SARM1 J3KRZ6
18566	HLA-A E3UN97	EBF1 Q9UH73
18567	SLC35A5 C9JXZ8	PLS3 P13797
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18569	UCN3 Q969E3	NNAT Q16517
18570	KLHDC10 Q6PID8	ATP7B A0A024RDX3
18571	PLEC1 D3DWL0	MDR3 I7D7J8
18572	YWHAB P31946	ND6 B4YG26
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18574	HLA-C U5YC63	GAA A0A024R8Q1
18575	ZNF Q15921	COX1 F1CIP8
18576	DPP3 G3V180	F8 F2WWL4
18577	ALS2CR12 Q96Q35	RDX E9PNV3
18578	NPLOC4 Q8TAT6	ORC6 H3BMA4
18579	DAPK3 M0QYY8	MSX1 E9KXZ2
18580	HMG2A2 P52926	MEX3D S4R446
18581	PIK3R5 J3KRE9	SFXN2 Q96NB2
18582	PN01 Q9NRX1	KRTAP4-9 Q9BYQ8
18583	NOXIN Q8IXT1	ZNF277 Q8WWA6
18584	COX2 E5FWC0	TRIM71 Q2Q1W2
18585	CDH6 D6RF86	hCG_2043421 D3DSV0
18586	SEPT5 E7EPG2	ACP2 B7Z6U3
18587	TRIO O75962	MTF2 Q9Y483
18588	COX2 H9S5Y2	CACNA1H Q9NYY6
18589	ND6 B0Z776	NRF1 Q16656
18590	ACTR3C H7C4J1	HLA-C G1ENV3
18591	OR13C2 Q8NGS9	LGALS3BP K7ESM3
18592	MAP3K5 Q99683	NAGA P17050
18593	YEATS4 F8VTR4	KDM8 Q8N371
18594	SNX21 Q969T3	HLA-DRB1 A0A0A7C412
18595	EIF3B P55884	SLC25A32 E5RGK5
18596	NUFIP2 Q7Z417	SMC3 Q9UQE7
18597	HLA-C F2VP84	ND5 Q7YED7
18598	NDUFS7 O75251	PCYOX1 Q584P1
18599	POU3F1 Q03052	SLC52A2 E9PRC3
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18601	PCYT1A C9J2E1	COX3 H9QWF4
18602	RAD51D O75771	LYZ P61626
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18604	ND2 Q7YEE8	HGD Q93099
18605	TAF15 Q92804	RAPH1 C9J164
18606	ALDOC K7EKH5	SLC30A5 H0YAH4
18607	DIXDC1 A0A087WVH1	PITPNA I3L471
18608	HLA-DPB1 A0A0A7C7M7	ADIPOQ A8K660
18609	USP8 P40818	TP53 E7EMR6
18610	FOXRED2 Q8IWF2	HLA-C F6IQJ9
18611	SH3PXD2B G3V144	ETV1 C9JX69
18612	ALAS2 Q86YM3	HLA-C G1EQH5
18613	HLA-C D7NP71	COX1 A0A059RRN1
18614	NEURL4 Q96JN8	RFWD3 Q6PCD5
18615	RASSF1 Q9NS23	ERCC1 K7ER89
18616	KCNK9 A0A024R9H3	POLE F5H7E4
18617	UTP15 Q8TED0	SAC3D1 A6NKF1
18618	TMEM64 Q6YI46	CPSF2 G3V3T7
18619	hCG_2024989 A0A024R913	DGKA A0A024RB23
18620	CDH1 B3GN61	SPIB Q01892
18621	HLA-A M9PA15	DKFZp686K0542 Q5CZA7
18622	MDM2 A0A0A8K978	CYTB H9P2W7
18623	NFIB Q5VW27	PROS1 Q8IXC8
18624	PGLYRP1 O75594	MSX1 E9KXT8
18625	PRSS8 Q16651	ATP6 W8D2P9
18626	CSNK2B-LY6G5B-1072 N0E6J1	ZNF681 Q96N22
18627	PPP1R11 O60927	CYTB F1B6A7
18628	HLA-C F6KRY2	RPS5 M0R0F0
18629	PRMD9 D9IWL8	HLA-B D9UAY4
18630	MAPK10 Q499Y8	ADAM18 E5RK96
18631	DPP8 J3KPT0	CCL19 Q99731
18632	COG2 Q14746	CYTB G9IGD0

18633	COX2 H9QH59	HBM Q6B0K9
18634	GOLPH3L Q9H4A5	CBS P35520
18635	PABPC4 H0YER0	FGF23 Q7Z4T2
18636	LM07 F8J2B5	ND5 Q4F669
18637	ND4L A0A023QRB1	ND5 Q4EWD7
18638	EXT1 Q16394	MRPL39 Q9NYK5
18639	SART3 F8VV04	NLGN4Y Q8NFX3
18640	NRXN1 Q9ULB1	KIAA1996 Q8NCM9
18641	GLA Q53Y83	COPS5 A0A024R7W9
18642	CS H0YH82	CTNNA2 C9IZ88
18643	MSRB3 H0YFW5	FOXP2 A0A024R752
18644	TNNT2 E7EPN8	DEFB128 Q7Z7B8
18645	MAGT1 Q9H0U3	TMEM67 A0A0C4DFP8
18646	CSH2 B1A4H9	TRIM34 Q9BYJ4
18647	ITGB2 E5RFI0	CACNA1H A2SX36
18648	DAZ2 Q13117	ZMIZ2 Q8NF64
18649	HLA-DRB1 D3U4E3	AP4S1 G3V4P7
18650	ND1 E5E1U8	ZFP64 Q9NPA5
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18652	BAIAP2 I3L1C8	SFRS17A Q05DA9
18653	OR10A5 Q9H207	cytb T2HMZ1
18654	S1PR1 P21453	POMC K7RMF2
18655	ZNF302 B4DMN2	ATG4B C9JQ72
18656	ND2 F2WFI2	CYTB Q6RNW0
18657	AAK1 Q2M2I8	MYO10 E9PEW5
18658	cytb B1WA27	ND1 F5CUN0
18659	RAPGEF6 B2RTU6	AHRR E5RFG4
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18663	RHCG H0YMF8	ND3 A0A059QPE0
18664	ART1 P52961	HLA-C D7NP40
18665	SNAPC5 A0A024R5X1	ALK B6D4Y3
18666	CYP1B1 Q16678	COX1 A0A096WJI6
18667	HLA-Cw F8SY70	ZNF131 D6RBK1
18668	HLA-C C5IZW0	HLA-A F6IQX3
18669	CYTB A0A023RF30	LPIN3 Q9BQK8
18670	ZNF292 Q6P495	ATP6 B5M880
18671	CYP2D6 D5KND2	PSMA3 G3V4X5
18672	KLK15 M0QX22	OR6C2 Q9NZP2
18673	KCNK5 A0A024RD32	SLC43A1 A0A024R4Y3
18674	ATP6 E5DYF7	RAB4A A0A087WYT5
18675	NGLY1 Q96IV0	VAT1 K7ESA3
18676	CELF1 E9PQK4	HLA-B F6KRS1
18677	EFEMP1 C9JUM4	CSAD F8VV11
18678	PALLD D6RBH5	ZNF282 A0A090N8Y3
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18681	SERPINB13 Q9UIV8	HP H3BS21
18682	FOXP1 G5E965	ND5 A9UJI6
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18684	GPBP1 Q86WP2	KCTD9 Q7L273
18685	PTPRN H7C0U9	HLA-DQB1 M1GM99
18686	HLA-G C0JSV2	KCHN2 G0ZL81
18687	PLXNB2 H0Y6J7	NLRC5 Q86WI3
18688	HLA-A C9WEM4	RBM15 A0A087WWP4
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18690	ZNF587 Q96SQ5	MSH5 H7C2J4
18691	RBX1 P62877	SPRR4 Q96PI1
18692	ATP6 A0A097PY54	TLL1 E9PD25
18693	UNC5D E9PDS8	ATXN3 D3VVN2
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18695	HAUS1 K7EM54	MXRA8 Q9BRK3
18696	CLCN1 H7C1F4	EPB41L5 Q4ZG32
18697	PHLPPL Q3ZCW4	SYVN1 Q86TM6
18698	PEX16 Q9Y5Y5	GTPBP10 A4D1E9
18699	ND4L A7U418	ZNF264 O43296
18700	HLA-A B0F9N2	HLA-A D2XUR7

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 18704 TPI1|U3KPS5 HLA-B|K4JDJ6
 18705 TCL1A|P56279 SERGEF|G3V1B4
 18706 RP1|P56715 ESPN|H0Y7L4
 18707 C1GALT1|Q9NS00 RBMS1|E7ETU5
 18708 ARHGAP29|Q52LW3 BDKRB2|P30411
 18709 ND5|B2D322 RHD|Q5CCG7
 18710 GATSL2|A6NHX0 ACVRL1|E7EN07
 18711 LUC7L|D3DU41 HMX2|A2RU54
 18712 PSMD4|P55036 SOCS6|A0A024R379
 18713 COII|C5H6L3 ND5|A0A023Q7H6
 18714 ATP6|G9LLD6 HLA-A|E2D5M5
 18715 CYTB|Q7YED9 NAT9|J3KT72
 18716 COX2|A0A059RR09 FOXJ3|H7C1Y6
 18717 MICB|E0AG58 TXNDC15|H0Y997
 18718 HLA-C|E2DHB4 AP2B1|K7ERB2
 18719 EMP3|A0A024QZF8 HLA-A|Q6UJZ8
 18720 ADAM18|Q9Y3Q7 PHF1|A0A087WVG4
 18721 CRYAB|A0A024R3B9 ZKSCAN5|F8WBD4
 18722 CYTB|B2D597 COL1A2|P08123
 18723 RANBP1|F6WQW2 RBM23|Q86U06
 18724 COX1|R9Y445 ND3|V9NA97
 18725 CCL11|Q6I9T4 TBC1D4|O60343
 18726 ATP6|Q6R0Z3 ATP6|A0A096YAI4
 18727 BFAR|H3BMP2 HSP90B1|F8W026
 18728 SFRS11|Q6PKC9 ND4|U5YYT3
 18729 UTY|F4MHQ2 IL36RN|U3KPW9
 18730 ERAP2|Q6P179 RARB|P10826
 18731 SERPINA11|Q86U17 PSMB8|P28062
 18732 ATPase|Q4GE32 NRAS|Q5U091
 18733 CYP21A2|A8W368 ARL10|Q8N8L6
 18734 GPR126|Q86SQ4 C1|Q9UGE8
 18735 PEX11B|A0A024R4E7 COX1|Q0Z7J1
 18736 MMS19|Q96T76 COX3|V9JJC5
 18737 DAK|Q3LXA3 hCG_1982709|A0A024RBZ0
 18738 HLA-B|K7QT39 NAGS|Q2NKP2
 18739 ZNF574|Q6ZN55 PIGN|K7EQ07
 18740 RARG|Q9BZI0 SAT|Q2TM25
 18741 HLA-A|A6H583 HEL-S-39|V9HWC6
 18742 RUND3A|Q59EK9 NEK6|Q5TBG1
 18743 APOBEC3G|Q9HC16 STARD10|F5H1Z6
 18744 SEMA3E|O15041 CD2BP2|O95400
 18745 SAA1|D3DQX7 ARHGAP11B|Q3KRB8
 18746 BLZF1|A0A024R921 Hosa(Japanese)-T2R14|Q50KP5
 18747 FUCA2|Q9BTY2 ATP6|H9QWE0
 18748 GGA2|H3BMM6 CYTB|H9QMJ0
 18749 CIDEA|Q96AQ7 ERAP1|Q9NZ08
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 18751 TNF|C1K3N5 PRH1|P02810
 18752 GPR150|Q05C22 SNAP47|Q5SQN1
 18753 ZNF750|Q32MQ0 LHX4|Q5RLJ3
 18754 BNIP3|Q66K24 GJA8|P48165
 18755 PROK2|Q9HC23 AP2B1|A0A087X253
 18756 EZR-ROS1|J7M2B1 RPL31|B7Z4C8
 18757 COG7|I3L337 RRBP1|Q9P2E9
 18758 HLA-DRB1|L0BX03 HSPA4L|E9PDE8
 18759 ND2|H9S3J8 NE01|A0A024R610
 18760 ND6|A0A023I7W4 ND5|A4ZL36
 18761 SLC12A5|Q9H2X9 CD3D|G8H453
 18762 KLK3|Q546G3 FBXW5|Q969U6
 18763 ARL6|H7C5H6 SYNPO|A7MD96
 18764 PSTK|Q8IV42 OR5K1|Q8NHB7
 18765 CYTB|H9M4P4 MBD3L1|Q8WWY6
 18766 PRKAG3|A0A024R426 TFPT|G5E9B5
 18767 GZMK|P49863 SMPD1|E9LUE6
 18768 DDX19A|I3L352 PALMD|S4R313

18769 FKBP9L|A0A090N7W0 SLC17A7|Q9P2U7
 18770 C2orf40|Q9H1Z8 HLA-DQB1|A0A0A7C900
 18771 SSNA1|A0A024R8G6 ZNF442|C9JC15
 18772 HLA-C|F2VNT9 UQCRFS1P1|P0C7P4
 18773 HLA-C|B3IYE5 HEXA|H3BU85
 18774 CXorf34|A0A024RCF5 THY1|E9PIM6
 18775 KHDRBS1|Q07666 LRRTM1|Q86UE6
 18776 SLC7A8|E9PQT4 HLA-DRB1|Q5JZX3
 18777 TPRG1L|Q5T0D9 KBP-1|Q99302
 18778 HLA-DPB1|H2A3H7 ATP7B|C8BMD5
 18779 GFM1|F8WAU4 PKD1L2|Q7Z442
 18780 WT1|Q6PI38 RAP1GAP|X6R8W7
 18781 THBS1|A8MZG1 ATP6|A0A075X6H8
 18782 IFT172|Q9UG01 ATP6|Q4F5T1
 18783 BIRC7|Q96CA5 BRCA1|A0A024R1V0
 18784 ND5|F2WG10 RIMBP3|Q9UFD9
 18785 HLA-A|A0A0A7C910 EFEMP1|C9JPZ9
 18786 HEXA|H3BP20 CHCHD5|Q9BSY4
 18787 RNLS|F6XA08 CANX|H0Y9Q7
 18788 ASNA1|O43681 ND5|A0A023QGG0
 18789 ACP2|E9PKW9 BRF1|F8VS45
 18790 TLR2|C6KIA9 ZNF729|A6NN14
 18791 ADAMTSL2|Q86TH1 RAB11FIP3|O75154
 18792 ND2|L7XTP3 DSG2|Q14126
 18793 HLA-C|C9WER1 HLA-C|G3D6E1
 18794 HLA-A|U5YBP0 COX2|A0A059RQT0
 18795 PUS1|G8JLB3 COX1|U3L439
 18796 CHRM5|P08912 CYP2C9|Q9UEH3
 18797 RHD|Q5XLT3 LRIG1|Q96JA1
 18798 CDKN3|G3V2J7 TRIP4|Q15650
 18799 RHD|B2ZGP8 DOCK10|F8WE73
 18800 HLA-A|D6MLL1 ATP1A4|Q13733
 18801 CDH13|H3BRL7 SETDB1|E9PQM8
 18802 HLA-A|D6CIB2 NOL8|A0A0A0MSJ1
 18803 hCG_22253|D6W646 ZFP14|Q9HCL3
 18804 PBX1|H0YLF5 HLA-C|F1CCI2
 18805 CYTB|G5D872 ALB|H0YA55
 18806 RAB5C|F8VWU4 ND1|T1Q620
 18807 SLC12A6|A0A024R9K8 FAN1|H3BUK3
 18808 ND5|Q9B2Z5 GGA2|H3BMM6
 18809 SLC16A2|P36021 ZNF559|Q9BR84
 18810 TR0|Q12816 KCNK9|Q9NPC2
 18811 VPS16|A1A4H0 THAP6|Q8TBB0
 18812 HLA-A|H2BE78 MTHFR|Q5SNW5
 18813 RIT2|K7EMR8 BAG2|O95816
 18814 CYTB|X5BSI3 PTK2|B4DWJ1
 18815 ATP6|A0A023Q788 FLJ10769|A0A024RDX4
 18816 ZNF432|M0R0E2 BCKDHA|P12694
 18817 CABYR|A0A024RC21 ND4|Q1ZY32
 18818 RHCE|Q5NDM6 HEMGN|Q9BXL5
 18819 TPH1|B3VRZ0 RPS28|P62857
 18820 IFNA17|P01571 OR8J1|Q8NGP2
 18821 COL20A1|Q9P218 ATP6V1C1|A0A024R9I0
 18822 ARHGEF7|A0A024RDY9 HLA-DPB1|A0A0A7C8I6
 18823 HLA-DQB1|S6CQ00 MICB|Q0EFB4
 18824 BCAP29|C9IYK6 HDM2|I6T4K8
 18825 HOXB3|F8VXG0 SELP|Q6NUL9
 18826 P4HB|A0A024R8S5 DKFZp686G1344|Q5CZ77
 18827 PTK2|H0YB16 RCN1|E9PP27
 18828 UGT1A8|Q5DSZ6 RYK|Q8WTZ8
 18829 PCDHGA4|A0A087WT05 HLA-B|G1EPQ0
 18830 COX11|B4DI26 NUPL2|Q3B7J4
 18831 WFDC10A|Q9H1F0 CYTB|H9E7B4
 18832 TXK|V9GZ99 SLC27A1|Q96DY3
 18833 HLA-DQA1|Q67AH8 BTK|Q3MS94
 18834 TSPY10|P0CW01 ACSF3|F5H2G6
 18835 ND5|F2WIG8 LMTK2|Q8IWU2
 18836 PRLH|P81277 GALM|H7C320

18837	ZBTB38 Q8NAP3	STK33 F8WAK5
18838	TTC9C Q8N5M4	LPPR5 Q32ZL2
18839	NADH2 Q9B2Z8	PNCK F8WAQ5
18840	EBP C9J719	CCDC124 Q96CT7
18841	HLA-C S5DI32	ITGA6 P23229
18842	MTA3 D6W5A2	LYAR Q9NX58
18843	CAMK2N2 Q96S95	ND3 A0A059RSF8
18844	CYTB A0A097KTZ5	HLA-G R9WWD4
18845	ATP6 H9QVC6	ECI2 F1LLU7
18846	EFNB1 P98172	FABP3 P05413
18847	ABCC12 Q96J65	TMX2 Q9Y320
18848	CAPN9 E7ESS6	ATP8 G9B020
18849	CENPC Q03188	TOX O94900
18850	ARID3A Q99856	PDIA3 P30101
18851	MED26 M0R064	HCAR1 Q9BXC0
18852	ND6 U3L5W2	WDR24 Q96S15
18853	NPAS3 X5DNV7	ND2 A0A059RVC2
18854	MARCH1 Q8TCQ1	HLA-DPB1 A0A0A7C9U1
18855	COMT B8XPJ8	SASH3 O75995
18856	PRKAR1A P10644	PSMB3 A0A087WUL2
18857	MRP Q9UQ98	PRSS16 B4DZV2
18858	MDM2 Q96DS4	COX1 Q957U9
18859	ZNF286A J3KSJ1	CCR5 H9MHP8
18860	ATP2B2 A0A024R2E4	CLK4 Q9HAZ1
18861	HSPA2 P54652	TRPM2 Q5KTC1
18862	IMPA2 K7ELF8	PEG10 Q86TG7
18863	FFAR4 Q5NUL3	GAS2L1 C9JFI0
18864	PTPN4 P29074	MKRN2 C9J494
18865	FAM13A D6RCC1	GHRL I6N821
18866	OR1K1 Q8NGR3	COX1 L7XVQ8
18867	QKI F5GXS8	HLA-DPB1 A0A0A7CAD4
18868	CNOT3 A0A024R4R3	OR10G7 Q8NGN6
18869	PFKL Q9BSP4	TNFRSF11B O00300
18870	COX3 A0A059QP57	C12orf2 Q6IB99
18871	HLA-C G1EQ78	TAS2R1 Q502V6
18872	HSPE1 B8ZZL8	SERINC2 Q96SA4
18873	PDPN Q86YL7	ND5 K9JT28
18874	ND6 A0A0A0PRG6	HBB C8C504
18875	CARS B4DKY1	CHRNA3 P32297
18876	KRIT1 O00522	ND1 U3L4L8
18877	PFDN4 Q9NQP4	SLC01B3 F5H8K0
18878	MTERF4 C9JNJ7	PDZRN3 Q9UPQ7
18879	CYTB W8DH14	CLEC2A Q6UVW9
18880	AID Q8NFC3	BEND2 Q8NDZ0
18881	IGFBP6 F8VYK9	MAN2A2 P49641
18882	KIF5A J3KNA1	CHST10 C9JUE4
18883	HLA-C M9PNX3	SFXN5 H7C1S9
18884	RBM7 J3KPD3	ZNF7 E9PJX9
18885	RAB3D O95716	ND2 A6Z655
18886	SLC17A2 A0A024QZY2	GK5 F8WBF0
18887	FCGRT M0QYM4	PCK2 H0YMY3
18888	TAL2 Q16559	INO80D Q53TQ3
18889	HBD D1MGQ0	TDRD1 H9KV63
18890	COX3 B2XEK5	CYP3A4 P08684
18891	MANB Q93093	ZNF658 B9EH69
18892	MECP2 E1B2J3	LIMK2 P53671
18893	KLK7 X2J289	RBMS1 P29558
18894	CDCA7L Q96GN5	SLC22A5 H7C1R8
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18896	DNASE1L3 A0A024R365	ELMOD3 E9PI96
18897	ZNF557 Q8N988	CACNA1B F6RH32
18898	DKFZp586J151 Q9H072	AP1M1 K7EQ90
18899	CYTB A0A059QHA2	ND5 Q8HG18
18900	SLC7A1 P30825	WBSCR22 E9PCQ7
18901	HLA-C S4T701	ND3 A0A059RIY5
18902	COX3 A0A059QTI8	FGA Q3KRA7
18903	WNT7B P56706	PIGY Q3MUY2
18904	ZNF532 Q9HCE3	ARHGAP28 E9PMX7

18905	TRIT1 Q3T7B4	NSG1 P42857
18906	ALDH3A2 J3QKK9	ZNF3 P17036
18907	ATF2 C9JCI8	OR2Y1 Q8NGV0
18908	CNOT6L Q96LI5	AMPD3 Q01432
18909	PDE6B H7C4P9	TMBIM1 Q969X1
18910	CCDC88C Q9P219	MYBPHL A2RUH7
18911	ENDOV Q8N8Q3	ECT2 C9JDV9
18912	ND2 A6ZAC3	HLA-A J7F7A9
18913	ATP6 H9LKK9	ODZ1 B7ZMH4
18914	TRPC4 Q9UBN4	VPS26A O75436
18915	DNAJB13 H0YFX2	ITIH4 B2RMS9
18916	TNFAIP3 Q5VXQ9	COX1 N0BWE9
18917	OR51F2 Q8NH61	STATH P02808
18918	CLYBL Q8N0X4	SHFM1 P60896
18919	VCPIP1 Q96JH7	ZNF746 C9JNZ9
18920	COX3 H9QWF4	HLA-C A0A0A7C6C1
18921	TEF Q10587	TRIM59 F5GZP3
18922	RPL5 A2RUM7	SPACA1 Q9HBV2
18923	DUOX1 H0YK19	PHC1 Q6GMQ3
18924	CREG2 Q8IUH2	ND4 H9R0H4
18925	PANK2 A4FU43	FGD6 F8VY01
18926	EID3 Q8N140	HMX3 A6NHT5
18927	HEL-S-165mP V9HWI0	PITPNA Q6NUL6
18928	GABRA2 P47869	ND1 Q2HK80
18929	COX3 Q9B1S6	CYTB G5D820
18930	ZNF419 E5RGL3	SLC25A45 E9PK53
18931	COX3 Q4ZF68	ATP6 A0A0A0QMI3
18932	HLA-C F4YZV7	RB1 P06400
18933	RARSL H0UI22	ZNF235 K7EL19
18934	AHRR E5RFG4	ND4 H9LKR2
18935	DPY19L1 Q2PZI1	GSTM1 X5DR03
18936	RPL3 Q96QL0	PSTPIP2 Q9H939
18937	ND1 A0A059QV99	NOL7 Q9UMY1
18938	GAA P10253	HTR1A D6RA34
18939	HLA-C M9P9E4	RETSAT H7BZ16
18940	RHD Q5DVQ2	ZNF407 A0A087WYH1
18941	TFEB Q709A5	COX3 G9LF53
18942	SNAPC5 H3BQA0	OXT P01178
18943	IRF6 G0Z349	BCKDHA P12694
18944	PFKP Q01813	CASP8 E7EQ01
18945	TMEM176A Q96HP8	DEDD2 Q8WXF8
18946	LIN9 Q5TKA1	USP36 K7ELR5
18947	PACRG Q96M98	IER3 P46695
18948	FXYD3 S4R3M2	CIITA A0A087X2I7
18949	ETF1 D6RCB3	FBXL19 H3BQP6
18950	SKOR2 Q2VWA4	OR6C70 A6NIJ9
18951	TRMT61B Q9BVS5	TSPY4 P0CV99
18952	ZHX2 H0YKA3	ND4L A0A059RHY0
18953	SPOCD1 E9PPM7	MCM9 H0Y6M9
18954	NCOR1 J3KS51	ND4 T1Q5L1
18955	PLPPR1 M9MML5	SRY Q52MX9
18956	OGG1 E5KPM9	ATP8 Q5SAC3
18957	hCG_30204 A0A024R0Y2	HLA I3TBB9
18958	ERAL1 J3QSB2	ATXN3 D3VVD2
18959	E2F4 H3BMP3	PDE2A C9JPD5
18960	PAAF1 Q9BRP4	ZNF219 G3V4M7
18961	HRH1 P35367	DPH1 A0A0A0MTR4
18962	ZNF584 M0R0A3	ZNF553 A0A024QZB9
18963	ZNF658B Q4V348	ZNF106 H3BS99
18964	HLA-DR15 G0ZDX1	LYN Q6NUK7
18965	HLA-C F2VNU1	MRPL22 Q9NWU5
18966	CDC25A C9JH94	COPG1 Q9Y678
18967	HSBP1 O75506	CACNA1E Q9NYZ5
18968	FM05 E9PJF3	UGT1A3 P35503
18969	ACAN E7EX88	TLR8 Q9NR97
18970	CYTB A0A0A0PXU9	SLC2A11 F8WCV3
18971	ZC3H18 H3BPD0	HIST1H2B0 P23527
18972	PBX1 H0YLT4	EFHD2 H0Y4Y4

18973	USP29 Q9HBJ7	RRP7A Q9Y3A4
18974	HLA-C F8RHI4	VCAM1 F2YYR6
18975	ND4 V9J5G3	POLQ Q96SE4
18976	IKBKE Q14164	ARX Q96QS3
18977	CNOT7 E5RGH2	HLA-A F6IQX1
18978	NADSYN1 E9PKY6	TLR2 O60603
18979	HLA-C I2G9F8	SMYD2 Q9NRG4
18980	ND1 J7HR73	SLC52A2 E9PKE4
18981	EPC2 C9J1X4	ATP4A M0R249
18982	PIGK B1AK81	WRB A0A096LNT6
18983	MGAT2 Q10469	HLA-DRB1 D5FZP1
18984	TBX2 A0A024QZ86	COG8 Q96MW5
18985	LRRN3 A4D0T1	COX1 H9T3W8
18986	ATP6 Q6RMK9	TXNDC11 Q6PKC3
18987	HLA-C C0KJV5	NAV1 Q8NEY1
18988	FOXC2 Q99958	LIPH Q8WWY8
18989	CHST10 C9JWY0	OLIG1 Q8TAK6
18990	HLA-A G1EP96	GTF3C3 Q9Y5Q9
18991	TM7SF2 A0A024R577	ADGRF2 D6R9E2
18992	SOD2 Q7Z7M4	UCK1 Q9HA47
18993	FUT3 B3GVC1	UBE2L3 P68036
18994	ND2 A0A096WDG3	CASR Q2F3K4
18995	CYTB A0A023QAS9	NEB H0Y786
18996	MORC3 A2RU29	ATP6 G9B0G4
18997	IL6R A0N0L5	ZNF45 A0A024R0Q1
18998	NDUFB8 E9PIZ8	SAR1A Q5SQT9
18999	CCM2 Q9BSQ5	CNGB1 Q14028
19000	SLC35B2 Q8TB61	HCR A9XAC9
19001	ZNF596 E5RIV8	MAPK8 A6NF29
19002	HAUS5 U3KQG4	ZNF124 J3QKQ6
19003	CYTB I3Q5S1	CYTB Q5SA37
19004	HCR A9XAE0	SLC30A3 Q99726
19005	MGRN1 B4DR12	MBLL O95205
19006	ND1 U3LDT5	SLC5A12 E9PLZ7
19007	MEP1B Q16820	HLA-DPB1 A0A0A7C6Q7
19008	JUND P17535	TRMT2B Q96GJ1
19009	MYPOP Q86VE0	CHUK O15111
19010	EP400 Q96L91	F9 Q19UG3
19011	EIF3A Q7Z5T5	PPP1R35 Q8TAP8
19012	QRFPR A1A4W1	SGSH I3L207
19013	ATP6 Q06UF8	INSL3 M0QXQ3
19014	ATP6 Q4ZEI5	CASP7 A0A0A0MRL7
19015	ERRFI1 Q9UJM3	HLA-C M9P8J2
19016	ALK B6D4Y3	NR4A2 C9J8W4
19017	SLC35A2 P78381	COX4I2 Q96KJ9
19018	MKNK2 K7EJ98	PEX14 O75381
19019	STPG1 Q5TH74	CNR2 A0A024RAH7
19020	SASH3 O75995	TBC1D9B A1L3A9
19021	PRDM9 D2KI85	AK7 H0YIY5
19022	ATP6 A6ZCZ8	GP1BA P07359
19023	TIMM17A Q99595	MTMR3 A7E2W2
19024	AREL1 H0YJ67	HEY1 E5RHK6
19025	F8 Q06DL8	UNC79 Q9P2D8
19026	MBD3L5 A6NJ08	ATP6 D6N3H7
19027	UTY F4MHE0	PYG01 Q9Y3Y4
19028	COX2 R9Y478	USP15 Q9Y4E8
19029	RHD I7JB64	SLC12A5 A0A087X201
19030	BTN1A1 Q13410	ADA X5D767
19031	HLA-B D4HPJ7	TPR A0PJC9
19032	ATXN3 G3V526	EGLN1 R4SCQ0
19033	NAF1 D6RIB3	PFKM Q7KYX9
19034	ORC5L Q8NDU9	ATP6 A6YVQ2
19035	VEGFA H0YBI8	ND5 A0A059QR29
19036	KIAA0600 Q5W9G6	UTY F4MHK9
19037	OSBP2 H7C428	UQCRB P14927
19038	NAB1 Q13506	THEMIS2 Q5TEJ8
19039	UTY F4MHA4	HLA-C H9C5H9
19040	HSPA4 A0A087WYC1	ATP1B1 Q58I20

19041 GSTA3|Q5JW85 SLC26A6|C9JKR6
 19042 DEF8|H3BMT5 ATP5A1|P25705
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 19044 COX1|A0A068BLH5 ATP6|Q85KT4
 19045 MAD1L1|C9JTA2 ZEB2|U3KQ51
 19046 COMMD1|Q8N668 GUK1|Q16774
 19047 COX1|A0A096WFT6 LTV1|Q96GA3
 19048 FHL1|Q5JXI8 COX18|B7ZL88
 19049 PJA1|Q8NG27 KCNT2|Q6UVM3
 19050 TRPM8|W8DTH1 SON|A0JLP4
 19051 AP3D1|A0A087WYN6 TSC2|X5D2U8
 19052 PIGX|F8WEJ3 HLA-A|W0G8I7
 19053 RPL19|J3KTE4 OR13A1|Q8NGR1
 19054 ATXN3|D3VVB4 CORIN|J3KR90
 19055 CTCFL|F5H2V8 HLA-Cw|Q2LDD5
 19056 ZNF789|C9JUE3 KRT35|Q92764
 19057 TLR5|B9VJ65 hCG_21937|A0A024RB00
 19058 COX1|A0A059QSI9 NEUROD1|Q13562
 19059 HLA-DR15|F1CCN2 ND4L|A0A059RIW8
 19060 ZNF146|Q15072 ATP10A|G3V261
 19061 TLR-4|D0EWT9 TSSK6|R4GMZ2
 19062 CLEC4D|Q8WXI8 HLA-A|A0A060VD16
 19063 POPDC2|Q9HBU9 PTPN18|E7EMB8
 19064 COX3|A0A068C314 GATA4|A9Z1I4
 19065 FTH1|E9PKY7 BHMGI|C9JSJ3
 19066 KLRD1|Q8NFM0 TERT|F6MZ67
 19067 CXCL13|Q53X90 ND5|B8YQJ5
 19068 GSTA4|O15217 MRRF|Q96E11
 19069 HSF4|E5RHY0 ZFHX4|Q6DK57
 19070 JAK3|P52333 HLA-C|D7NPC9
 19071 HELQ|Q8TDG4 FGF12|C9JUK8
 19072 DMD|Q6PK12 DGKI|E7EM72
 19073 CYP4A22|A0A087WUY4 MFAP2|P55001
 19074 RNF213|A0A0A0MTR7 DZIP3|D3DN61
 19075 NRG1|E7EX30 C3AR1|F5GZE6
 19076 ASPHD1|I3L2Y2 ND1|A6Z9A8
 19077 PITRM1|H0Y4F7 HLA-C|G3D6D1
 19078 TAP1|Q12848 FUZ|Q9BT04
 19079 ZNF256|Q9Y2P7 ATXN3|G3V3T6
 19080 ENTPD8|H7C5J8 HLA-C|E3SGB5
 19081 ANKRD1|Q15327 CASP12|Q6UXS9
 19082 KRTHB6|Q9NSB0 ZNF620|Q6ZNG0
 19083 GLIPR2|Q9H4G4 TMED10|A0A024R6I3
 19084 ATP13A2|Q9NQ11 VRK1|Q9986
 19085 DKFZp666D023|Q658U3 G6PD|E7EM57
 19086 ZNF808|C9IZE3 ND4L|A0A059RIE8
 19087 CYTB|A0A097KTZ5 KCND3|B7ZKV0
 19088 CENPP|A0A087WTF1 MRPL4|K7EKI4
 19089 EXPH5|Q149M6 EIF1|K7EM18
 19090 ATP6|H9STU8 TP53|L0EQX3
 19091 CLDN8|P56748 CEP350|A0A024R914
 19092 METTL24|Q5JXM2 COX1|I3Q8N8
 19093 TXNDC16|Q9P2K2 BABAM1|M0QYV1
 19094 FABP12|H0YAS1 pp52|Q16002
 19095 HLA-C|D6C6D5 HLA-DRB1|F4YZX5
 19096 MMP8|P22894 GABBR1|Q5SUJ9
 19097 RPS6|A2A3R5 PNLIP|P16233
 19098 ATP6|K7WVK3 ARFGAP2|E9PJT7
 19099 COX3|B3DE35 DKFZp781C0419|Q5CZ91
 19100 ABTB2|Q8N961 AP3S2|H0YN38
 19101 TNFRSF1A|P19438 ZNF208|M0R370
 19102 CXXC1|K7EJR0 SYBU|E9PK96
 19103 PAEP|H0Y6A4 ATP6|A0A059RU34
 19104 IFFO1|A0A087WZ16 PCDH-psi1|Q96T98
 19105 TTN|A0A0A0MRA3 HLA-C|C5IZW7
 19106 PLA2G2F|Q9BZM2 PRODH|A0A087WWM6
 19107 CYTB|B4YC62 NFIX|Q14938
 19108 PIAS2|B4DGW0 RHD|U5U2J9

19109 MTMR3|A0A024R1I2 HLA-C|K7P5M2
 19110 KBTBD12|Q3ZCT8 TMPRSS3|B7WPR2
 19111 ND5|A0A0A0PND4 AP2A2|E9PPZ3
 19112 OVCH1|Q7RTY7 MRPL28|A2IDC7
 19113 BATF2|E9PJ73 hCG_28371|D3DXI2
 19114 PSMD12|O00232 PDZD3|A0A024R3L5
 19115 RPS3A|D6RI02 EXOC4|Q8TAR2
 19116 ISCU|B1P7G3 GLB1|C9JWX1
 19117 ND6|L7XJA6 PRNP|B2NI05
 19118 ATP6|A0S1G1 ARHE|Q6FGN7
 19119 hCG_22119|A0A024R693 HLA-DR15|M9PA34
 19120 GH1|B1A4G6 ZNF274|M0QXW4
 19121 OTUD7A|H0YMI7 DIABLO|Q502X2
 19122 NT5C3B|Q969T7 HLA-A|C8XTN7
 19123 LSP1|P33241 ATP6|K4GY12
 19124 TNFAIP3|A0A087WU80 ZNF454|Q8N9F8
 19125 HLA-G|C7SJ32 FOXP1|Q9H334
 19126 CPD|J3QRJ9 OR2T4|Q8NH00
 19127 MYO1B|B0I1S9 USP54|Q70EL1
 19128 RPS2|H3BNG3 TLR6|B6CH44
 19129 AP1G2|H0YJ08 NEDL1|A4D1V5
 19130 KCNH8|F8WCG6 OOEPI|A6NGQ2
 19131 CTNND2|D6R9A8 CALM2|H0Y7A7
 19132 WRB|O00258 HLA-C|V5NVP8
 19133 NKX2-3|A0A087WVU3 MARS|H0YHL6
 19134 ATP6|Q6VKS1 TK2|A5PLM0
 19135 HMGB3|E9PES6 LGALS9C|J3QSH0
 19136 METRNL|Q641Q3 KRBOX4|C9J950
 19137 UGDH|E7ETF4 RASGRP3|C9K0P4
 19138 SMC6|C9JEF0 RPL5|Q8WYP1
 19139 BUB3|O43684 HLA-C|C0KJW4
 19140 IFRG15|Q9H496 FPR2|P25090
 19141 TSPY2|A6NKD2 ANXA5|D6RBL5
 19142 ADAM29|Q9UKF5 PTPRA|P18433
 19143 SNAI1|O95863 RAB40AL|P0C0E4
 19144 COX3|A0A059RME4 NR3C2|B0ZBF6
 19145 HBE1|P02100 HLA-C|F2X636
 19146 SMC2|Q6P712 PSMC2|P35998
 19147 SEMA6A|A0A0A0MQU6 HBA1|P69905
 19148 HLA-A|F6IR32 VSTM1|Q6UX27
 19149 SLC25A26|Q70HW3 GAS2|E9PM28
 19150 ND1|C8Y2D4 CACNA1D|Q59GD8
 19151 HLA-C|V5NQY2 ND3|A0A059RU53
 19152 TGIF1|Q15583 HDAC11|Q96DB2
 19153 CASP8|B5BU46 CYTB|H9Q1E3
 19154 ERCC2|P18074 CAMLG|P49069
 19155 GRIN2C|H0Y2V8 ND5|A0A023QFH0
 19156 MT3|H3BPK2 ND5|C9D4X6
 19157 NR1H2|Q6IBU6 WDR90|Q96KV7
 19158 HEXIM2|Q96MH2 ND3|A0A059RSZ8
 19159 AKR1C1|A6NHU4 RPS15A|H3BV27
 19160 XRCC1|M0R1U8 EDG4|A0A024R7M9
 19161 CACNG8|Q8WXS5 OR5A2|Q8NGI9
 19162 ALS2CL|Q60I27 NAE1|Q13564
 19163 SLC1A6|M0R063 QTRT1|Q71RF8
 19164 VDAC1|C9JI87 CFLAR|C9JV51
 19165 HLA-C|F8SKZ4 TRMT61A|H0Y2Q1
 19166 NME7|B4DXC8 CREB3L4|Q5T4L2
 19167 ENGASE|Q8NFI3 LCN12|Q8IW14
 19168 PGA4|B7ZW10 LMNB1|P20700
 19169 SREBF2|G3V0I8 HLA-C|M9P949
 19170 ADCY7|F5H4D1 DKFZp686J1732|Q63HN4
 19171 CENPBD1|B2RD01 MAP7D1|H0YF21
 19172 BDKRB2|A0A075E6Y0 MRI|Q9BWK5
 19173 PREPL|C9JMT4 RALGAPA2|H7BZA8
 19174 AP5S1|Q5JX74 ND4|A0A059RRD2
 19175 NUDT11|Q96G61 ZIC3|O60481
 19176 SLC35B3|A0A024QZW4 MLL/AF10|Q86YP2

19177	G2E3 G3V483	CLDN16 Q9Y5I7
19178	PRDX3 P30048	SPACA4 Q8TDM5
19179	B3GAT3 G3V150	PCYT1A C9JEJ2
19180	CYTB A0S2J8	ND5 Q5S9S2
19181	HLA-A Q9UQU0	IL12A P29459
19182	ND4 Q4EWT1	ATXN3 D3VVI1
19183	CCDC22 O60826	CDH5 H3BR64
19184	DKFZp686M0150 Q5CZA6	RHD A5PHJ8
19185	DDX41 B3KRK2	FHL5 Q5TD97
19186	LM03 F6TDU8	CCNI D6RH01
19187	COI Q4GAL3	SLC52A2 E9PKE4
19188	PRDM8 Q9NQV8	LAMA3 K7EIP4
19189	COI Q4R1L4	ERRFI1 I6S2Y9
19190	ND5 R9Y3W8	CANX D6RAQ8
19191	RPS3 E9PQ96	OXCT1 A1E286
19192	AGGF1 Q6PIK7	NOX5 Q96PH1
19193	SRD5A3 H0Y9P9	DHRS7 Q9Y394
19194	USP30 S4R3D1	PAXIP1 Q6ZW49
19195	MPL Q5JUY5	ZNF44 F8W7T7
19196	KCNMB2 Q9Y691	MSX1 E9KXX1
19197	DDX3X B5BTY4	HNRNPM M0R2I7
19198	HLA-C G1ENW9	TRP7 Q8WWL3
19199	MHC-G Q9MW45	MRAS C9J8Q6
19200	PLAGL1 Q9UM63	ATP6 A0A096WX18
19201	ZNF569 A0A024R0G4	OR5T2 Q8NGG2
19202	ILKAP B8Y6Z6	MEX3B Q6ZN04
19203	SLC17A1 Q96KL7	CYP2D6 D0U5L8
19204	BIN1 A0A024RAI5	HLA-DRB1 A7UHG5
19205	HLA-C D7NP71	SBK2 P0C263
19206	GPR56 Q9Y653	SLC25A52 Q3SY17
19207	ND4L Q4F5V4	ND2 A0A075C882
19208	FIGF O43915	HOXA6 P31267
19209	RFESD D6RBY0	METTL11B Q5VVY1
19210	CCDC108 Q6ZU64	ND5 Q0Z7K9
19211	SLC4A10 E7EW28	OR4F21 O95013
19212	VPS41 H7BZX6	BRCA1 K4JXS7
19213	ARNT O43392	HLA-E Q6KBZ5
19214	ATP8 Q4F0Q1	MECP2 D0UU70
19215	PPP1R13L A7YME7	PIK3C2G F5H7Y7
19216	ZNF416 O43338	FAM13B Q9NYF5
19217	ZNF154 Q13106	DAGLB E7ET49
19218	GIG18 Q2TU84	HLA-DRB5 Q8HWH1
19219	COX1 Q6VHV2	PIGV E9PQC7
19220	ARHGAP24 D6RBC2	TM7SF2 E9PLS9
19221	TRAPPC4 E9PKS9	KCNQ5 A0A0A0MT07
19222	HLA-C E3Q1I5	SPRY3 O43610
19223	HLA-DRB1 H8WV98	PPP1R13B Q96KQ4
19224	HLA-B A0A0A7C4I6	USP9X D3DWB6
19225	HLA-C M9P8L8	HLA-C F8SHX7
19226	PKMYT1 I3L4K3	PCDH15 C9J4F3
19227	QKI F5GYM3	PCDH1 D6RAX3
19228	EMP1 P54849	MRPS7 J3QQS1
19229	MLH3 G3V3E0	RHCE E1Y3Y5
19230	HLA-C M9P9K2	KIF5C Q57YV5
19231	IFFO2 Q5TF58	CTDSP1 H7C270
19232	CXCR5 P32302	NDUFA10 O95299
19233	RAB4A P20338	ND4 D6C1H9
19234	SLIRP H0YJU7	ND2 A0A059QQ92
19235	ZNF234 A0A024R0N3	AGO4 Q9HCK5
19236	ESR1 C9E0F1	HLA-G Q6UV35
19237	COX1 D7P9P7	HLA-C F1CCI2
19238	VWDE J3KQJ9	AS3MT A0A087WVD4
19239	LYZL1 Q6UWQ5	FYTDD1 H9KVC1
19240	NGEF C9JTV7	OR10R2 Q8NGX6
19241	AARSD1 Q9BTE6	ZFHX2 C9JSX6
19242	ZNF800 Q2TB10	DOCK10 F8WE73
19243	MRPL54 Q6P161	TAF9 D6RIV9
19244	SLIRP H0YJU7	EPB41L1 A0A0C4DH22

19245 ARHGAP32|A7KAX9 AIG1|Q9NVV5
 19246 ND5|E9LB52 ND5|G9LEM5
 19247 MEST|C9JW74 HLA-DQB1|K4Q467
 19248 ITSN1|Q2LAE2 HLA-A|I3QHR1
 19249 NPS|P0C0P6 cytb|Q4GU53
 19250 PABPC1L|Q4VXU2 ZMYND8|A6H8Y8
 19251 FRS2|L7RTG7 HLA-Cw|Q2L4E9
 19252 CNOT10|Q9H9A5 MECP2|E9LUH4
 19253 EIF4B|F8VYE9 MAPK6|Q16659
 19254 CLCNKB|P51801 PLD2|O14939
 19255 FAM48A|Q0D2Q4 ND5|U3LC10
 19256 ADAM23|Q53TK5 C1QTNF2|Q9BXJ5
 19257 AID|Q8NFC2 HLA-C|E2DHA6
 19258 NFYC|H0Y803 TP53|L0EPV7
 19259 COX3|G5D8J6 HEL-S-97n|V9HW63
 19260 MC1R|Q1JUL4 HLA-C|S5DLF2
 19261 HLA-C|F6KRW0 ADAMTS10|Q9H324
 19262 TBCD|Q9BTW9 CMTM3|Q96MX0
 19263 KTN1|Q6NZ46 DCAF16|Q9NXF7
 19264 COX3|B2Z5S5 SPAG5|K7ELC8
 19265 UNK|Q9C0B0 HLA-C|F4YU73
 19266 SUGP2|M0R2Z9 ND4|S5RLC1
 19267 ND1|H9QH30 HYKK|A2RU49
 19268 WNT5B|F5H034 UGT2A3|D6RBL8
 19269 SRXN1|Q9BYN0 RPL3|G5E9G0
 19270 YKT6|B5BU81 HLA-DRB5|A0A068B7P5
 19271 DCAF12|Q5T6F0 ZNF415|M0R0R1
 19272 FHL1|Q5JXH7 AKR7A3|O95154
 19273 LTBP3|E9PJR2 ANAPC11|J3QS46
 19274 PEX1R633Ter|Q96S70 DYRK1B|M0R131
 19275 MKL1|Q969V6 ABCF1|Q2L6I2
 19276 ZNF570|Q96NI8 CYTB|H6TWM3
 19277 RPH3A|Q9Y2J0 TSC22D3|D6RBL1
 19278 SMAD2|K7EL92 DIAPH1|E5RJ79
 19279 HLA-C|Q8HWT1 SEMG2|Q02383
 19280 ND5|B2XKK5 HEATR6|Q6AI08
 19281 TLR1|D6RAP2 COX3|A0A023QZ27
 19282 ANXA2|H0YMW4 FAM109B|Q6ICB4
 19283 hCG_39342|D3DVZ1 LOC646743|B9A030
 19284 ER01LB|Q86YB8 COX1|A0A059RH56
 19285 CCDC117|Q8IWD4 ND1|A0A096WM16
 19286 EIF2B4|A0A087WTA5 MAP1B|D6RCL2
 19287 SRP54|P61011 TTL3|R4GMR7
 19288 LOXL3|H7C248 HLA-C|D7NP02
 19289 ZNF843|H3BQN5 ACSL5|Q9ULC5
 19290 PVRL1|Q15223 HLA-C|K7P607
 19291 LYZD1|A0A080YUZ8 GYPA|B8Q183
 19292 SHC1|X6R6D0 TNFR2|Q9UIG9
 19293 FAM120B|Q96EK7 HNRNPD|H0Y8G5
 19294 PHAX|Q9H814 ABCG2|H0YAF3
 19295 CYTB|H9Q517 RFX7|Q2KHR2
 19296 CDC42EP5|Q6NZY7 F9|Q19UJ5
 19297 FOXP1|Q548T7 SF1|A0A024R588
 19298 RXFP1|B4DGP2 DKFZp686L0787|Q68D63
 19299 ERH|G3V279 ZNF133|A0A0A0MTK6
 19300 BNIPL|Q7Z465 HLA-A|E0WMX5
 19301 ND5|E5DYU2 ND5|W8DCA6
 19302 GLRA2|C9JBL4 ZNF284|Q2VY69
 19303 BMPR1B|O00238 HLA-C|M9P9P5
 19304 CYTB|A0A0A0PYF4 WIPF1|E9PB87
 19305 PLEKHB1|Q9UF11 TNFAIP3|P21580
 19306 DUX4|E0Z3E9 TMEM68|E5RJI9
 19307 ZNF287|Q9HBT7 PTBP1|K7EKJ7
 19308 COX3|A0A059RME4 ND2|A0A075X839
 19309 HLA-DQB1|A0A0A7C944 DLG1|Q12959
 19310 TRMT1L|X6RK96 THUMPD1|A0A024R388
 19311 MYC|B3CJD1 CYBRD1|C9JML1
 19312 SLC06A1|Q86UG4 MEF2C|D8L7E9

19313 NKAP|Q8N5F7 HLA-A|C5IZM0
 19314 SLC22A16|C9JGT0 HLA-C|M9P9U7
 19315 MBL2|B1PN75 cytb|A7XSL3
 19316 HLA-C|Q8HWP7 SLC05A1|Q9H2Y9
 19317 TRIM25|Q14258 HLA-B|A5HC72
 19318 ESR1|C8CJK8 GPSM3|Q9Y4H4
 19319 CYTB|H9RZK6 CYGB|K7EIM9
 19320 RNF149|Q8NC42 HLA-DPB1|A0A0A7C5X0
 19321 DF|Q6FWH3 KLK6|Q92876
 19322 FOPNL|Q96NB1 PPP4R1|Q8TF05
 19323 ABCA1|B2RUU2 COX1|A7LEL7
 19324 RDH10|E5RHJ9 HCN1|Q86WJ6
 19325 HLA-A|A0A0A7C6W9 DDR1|A2ABM8
 19326 COX3|G8JB19 GJC1|K7ENT9
 19327 LRRN3|Q9H3W5 GLS2|Q0VD99
 19328 NAP1L1|P55209 CHI3L2|E9PIX1
 19329 MAZ|H3BQS2 ACYP2|P14621
 19330 GNAS|S4R3V9 DHX36|Q9H2U1
 19331 ZNF112|Q9UJU3 HOXB2|D3DTV2
 19332 POMC|K7RMF2 SEPT2|C9JB25
 19333 ZFAND4|Q86XD8 EIF4A1|J3KT04
 19334 GIPC1|A0A024R7I0 EIF4G2|H0YCF8
 19335 TAF7L|Q5H9L4 DKFZp686N08224|Q6MZY5
 19336 PTK2B|C9JHV9 ACSM4|P0C7M7
 19337 RSG1|Q9BU20 Cytb|Q6XB24
 19338 BHLHB9|Q6PI77 ADGRL3|H0Y9K5
 19339 ND2|Q305J8 EIF3D|B0QYA6
 19340 SYNE2|A0A0A0MRE3 BRPF1|C9JHC0
 19341 HLA-C|V5NVX1 ZNF552|Q9H707
 19342 RTE1|R4IXY3 DAZ1|Q9NQZ3
 19343 FANCC|B1ALR7 DUS2|Q9NX74
 19344 UTY|E1U1M8 HMGB4|Q8WW32
 19345 HNRNPA2B1|P22626 GAL3ST1|C9J3S3
 19346 IGDCC3|Q8IVU1 SNRNP48|Q6IEG0
 19347 COX2|V9J3S1 MDM2|Q96DS1
 19348 A4GALT|S6CQ09 S100A11|P31949
 19349 WNT10B|B5MCC8 KIAA1285|A0A090N7U5
 19350 KRT39|Q6A163 ARID5A|C9J1Q0
 19351 CDK4|F8VYY1 ND2|H9E7Q9
 19352 ATXN3|D3VVK4 SYAP1|Q96A49
 19353 GLP2R|E9PC86 VAV1|A0A0A0MR07
 19354 HLA-C|K7P627 ZNF730|Q6ZMV8
 19355 TXNDC2|Q86VQ3 RPL38|A0A024R8P8
 19356 ND1|I7CBG2 ATP6|D6N3H7
 19357 LUC7L3|H0YAY6 FECH|K7EPN2
 19358 ATXN10|Q9UBB4 SEPT9|K7EN52
 19359 SNX19|Q92543 NOL8|A0A0A0MSJ1
 19360 FGFR2|D3DRD4 KCTD16|Q68DU8
 19361 XRCC1|A0A024R0S8 SYNE2|G3V4T3
 19362 MORC2|Q9Y6X9 RPL3|G5E9G0
 19363 SARS|P49591 ND2|A6ZGG3
 19364 NADH5|B9EFN7 STAT1|H7BZB5
 19365 HLA-G|C0JT29 CYP2S1|M0R057
 19366 COX1|A0A059QSJ5 HNRNPM|M0QYL3
 19367 ADAMTS7|Q9UKP4 CABP5|Q9NP86
 19368 HLA-B|O78129 CDK5RAP2|Q96SN8
 19369 FGF1|P05230 DKFZp313M176|Q63HP3
 19370 CYP2D6|Q2XND0 FLG|Q03838
 19371 FCGR3A|P08637 PLB1|H7BZW4
 19372 PCDHB1|Q9Y5F3 ARMC1|E5RJ86
 19373 EPHA3|P29320 CCL25|O15444
 19374 SEC24D|Q49AI3 HLA-G|Q5RJ85
 19375 PCDH7|O60245 KCNJ10|Q9BXC5
 19376 WWP1|H0YBS9 COX1|E7E3Z6
 19377 RBM47|B7ZLP7 SLC9A3|P48764
 19378 ARNT2|X5DRE4 RHOB|P62745
 19379 ND2|Q4F2Q6 HLA-DQB1|A0A0A7C6D8
 19380 HLA-DQB1|V6BQS3 NOTCH3|M0R3C9

19381	CHMP4A E9PQ80	IDH3A H0YMY5
19382	KCTD14 Q9BQ13	RBMX H3BNC1
19383	ZNF557 Q4G137	ND5 A6ZH65
19384	OIP5 O43482	DKFZp434G247 Q9NSX9
19385	HLA-DQB1 M4MGI6	ZBTB3 A0A024R5A6
19386	NUDT16L1 K7EIN2	RPL26 J3KTJ8
19387	TINAG Q5T471	LIPG A0A024R2B5
19388	CABP4 F5H3E8	HLA-DQB1 A0A0A7C659
19389	CBX2 Q14781	BAD A8MXU7
19390	KPNA2 J3QLL0	LINS Q8NG48
19391	BLOC1S3 Q6QNY0	HLA-C F4YU96
19392	TAF9 D6RHW1	ND4 E9LBP6
19393	MEOX2 P50222	AP2S1 M0QYZ2
19394	NR2F1 P10589	HLA-C F2VNS7
19395	GGNBP1 Q5YKI7	ASPHD1 Q5U4P2
19396	MDN1 Q6PJJ1	ATP6 Q5XS83
19397	ART4 C3W8I1	PRICKLE3 A0A0A0MRT7
19398	MEF2B A0A024R7N0	ILKAP B8Y6Z6
19399	HLA-B E3SG98	KCNJ13 O60928
19400	ND1 B2XQK2	ENO4 S4R3X7
19401	FAT3 E9PQ73	NXF1 A0A024R5A9
19402	LCN6 P62502	FETUB Q9UGM5
19403	USP54 X6RH50	COX2 A0A023QZ25
19404	PPME1 Q9Y570	IL4 Q6NWP0
19405	IL6 B5MC14	AP4E1 H0YK94
19406	TPH2 B3VS45	QRFPR Q96P65
19407	ZDHC8 C9JVM2	AZGP1 C9JEV0
19408	HLA-C V5NXV7	CD6 Q8N4Q7
19409	PPCDC H3BSE3	TIAM2 E9PMZ8
19410	CYP21A2 C7DTU9	OAS1 F8VUC8
19411	HLA-C K9L8C8	CEP89 Q96ST8
19412	TCTEX1D4 Q5JR98	UBE2F Q969M7
19413	TPK1 F8VRJ6	NR2C2 Q6PHZ7
19414	ABCC9 A0A024RAV7	ATP6 X2CNL3
19415	PUS3 E9PRI9	BPTF A0A0A0MR81
19416	ST8SIA1 H0YG41	INIP Q9NRY2
19417	MSC O60682	HEL-S-134P V9HWG1
19418	HLA-C R9QZ19	ND2 H9P057
19419	TSC2 H3BQK4	CRLF1 O75462
19420	TARS P26639	NR4A2 F8W6I3
19421	ERAP1 A0A0A7E6P4	RHD Q6A1H4
19422	GPX4 A0A0A0MTT1	COX3 R9Y4I8
19423	USP8 A0A024R5S4	PHC1 Q6GMQ3
19424	BTF3 P20290	EMSY Q7Z589
19425	BTK Q572P1	UTY E1U1N0
19426	RHOT2 Q8IXI1	HCR A9XAK2
19427	PIK3C2B B7ZM86	ZNFN1A2 Q6PQC4
19428	CFTR Q6KEC8	CYTB G5D898
19429	CTNNA1 H0YBB8	PNPLA2 Q96AD5
19430	HLA-DPB1 A0A0A7C8D2	HLA-A F2VNH3
19431	TIPRL O75663	HLA-C C6K4P1
19432	ATP6 A0A023I889	ACTN1 G3V380
19433	BCAR1 P56945	RDH11 Q8TC12
19434	UFD1L C9JNP9	BAIAP2 I3L4A3
19435	ZIM3 Q6NTE1	ZNF213 O14771
19436	NCK2 O43639	CTLA4 A0A0C4DH58
19437	RBX1 P62877	LTBP2 Q14767
19438	HLA-A A0A0A7C3V9	PLCH2 O75038
19439	HLA-B A7E1C3	ERCC6L Q2NKX8
19440	ICA1L C9JEP0	ZBED6CL Q96FA7
19441	PCDH12 Q7Z738	SV2B Q7L1I2
19442	SRSF12 Q8WXF0	HLA-A D5FHF9
19443	TNC A0A024R884	TPD52L3 Q96J77
19444	ZNF404 Q494X3	ZMYND11 J3QKD2
19445	HK2 Q53SG7	PROK2 Q9HC23
19446	PEX10 A0A024R0A4	GBP2 Q8TCE5
19447	ST3GAL6 C9JXM2	CTNND1 A0A024R4Y7
19448	AKT2 J3QL45	HLA-A A8E0Y3

19449 PCDH7|060245 CNTN1|F8VUI9
 19450 ST3GAL2|A0A024QZA4 TGFBI|B2C8Z3
 19451 GSTM4|A6NNT0 MYBPC1|Q00872
 19452 RBBP5|A0A024R9B5 ACTBL2|Q562R1
 19453 TPI1|P60174 STK25|C9JJV0
 19454 PAX1|A0A087W XV5 SFXN1|D6RDG7
 19455 NPY5R|Q15761 SNRPD2|K7EJB5
 19456 SUHW4|A0A024R5W1 CDKN3|G3V2J7
 19457 RHOH|Q15669 ACBD6|A0A024R915
 19458 COX1|A0A059QEM6 PXK|W5RWD6
 19459 CORO2B|Q9UQ03 ADAMDEC1|O15204
 19460 LDHAL6B|Q9BYZ2 ZNF658|A0A087WVA2
 19461 NECAP1|Q8NC96 cICK0721Q.2|Q76P68
 19462 APC|A5JUM8 P4HA2|C9JN43
 19463 DKFZp686B24257|Q68D46 ND4|B1NUU1
 19464 SPAG5|J3QRV8 POLI|J3KSW2
 19465 GALNT15|A0A090N7Y5 GCKR|Q14397
 19466 AP2B1|A0A087X253 DKFZp666M044|Q658S5
 19467 TYK2|K7EM33 PIK3CA|C9JAM9
 19468 EBPL|Q9BY08 HLA-A|G1ENY7
 19469 COX1|G5D862 L1TD1|Q5T7N2
 19470 ABCA13|F5H7B7 GON4L|A0A087WUE6
 19471 GDF8|Q53S46 ND5|G9AZW2
 19472 UGT1A7|H0Y8D7 HYI|Q5T013
 19473 NUDT13|Q86X67 ATP6|U3L924
 19474 SNX18|Q96RF0 ABCC10|A0A024RD21
 19475 ATP6|B2KLZ5 DKFZp686E22155|Q7Z354
 19476 SLC37A3|H7C5T4 MAPK9|E5RJ57
 19477 HLA-C|F1AQR9 COX4I1|H3BNI5
 19478 ND2|A0A059RBE9 USP28|F5GZ74
 19479 MYO18B|F5GXR6 ZNF850|K7EJI8
 19480 WNT4|P56705 WASL|A4D0Y1
 19481 YARS|A0A0C4DGZ5 ND5|Q15HE6
 19482 HLA-DR15|M9P9X3 ZNF354A|O60765
 19483 SEC23A|Q15436 GMPR2|H0YKE1
 19484 CYTB|Q6VIL5 PDDC1|Q8NB37
 19485 WNT4|H0Y663 PPP1R13L|K7EN03
 19486 TTF2|Q9UNY4 RSPH3|Q86UC2
 19487 HLA-C|D2DKI1 MRPL37|S4R369
 19488 c-myb|Q708E1 HLA-A|D6ML56
 19489 cox2|X2D3Z8 NISCH|Q9Y2I1
 19490 ARHGEF9|B1AMR3 KCNJ12|Q14500
 19491 ARPP21|H7C1B6 MAU2|Q9Y6X3
 19492 ODF2|Q5BJF6 RASGRP1|H0YMF3
 19493 HES2|Q9Y543 C1|Q9UGE8
 19494 UNC79|Q9P2D8 HNF4A|A0A087W XV4
 19495 HLA-C|I6NN32 HLA-C|U5YCG9
 19496 ARHGAP8|Q6PCC7 NRAP|Q05D68
 19497 MYC|B3CJ90 HLA-DPB1|A0A0A7C9Z7
 19498 ND2|Q4VFQ5 PRSS54|Q6PEW0
 19499 GNRHR|V9GZN9 HLA-B|C8CH80
 19500 FLJ00009|Q9H7Q8 PIPOX|Q6IAJ9
 19501 ZNFB7|Q0EFD1 PSMA6|P60900
 19502 SCN2B|O60939 BC02|E9PS89
 19503 HLA-DRB1|D9UAX4 MICB|X6R344
 19504 DDX5|P17844 RPL7A|P62424
 19505 KCND1|Q9NSA2 NR3C1|F1D8N4
 19506 CYP21A2|E9M5D0 SYBU|E9PRH8
 19507 HNF1B|E0YMJ6 AKR1C3|A0A0A0MSS8
 19508 M6PR|H0YGT2 PNPT1|H7C3C5
 19509 SHKBP1|Q8TBC3 ASAH1|B1B5Q0
 19510 LOC81691|H3BM72 CYTB|Q4ZF49
 19511 VAV1|F5H5P4 NCALD|E5RIA5
 19512 C10orf28|Q96GU0 RANBP17|Q9H2T7
 19513 HKR1|Q7Z6E1 cytb|Q4GFM1
 19514 SARS2|B4DJM9 HLA-A|I0BW36
 19515 DPF2|J3KMZ8 USP12|O75317
 19516 WDR36|A0A0A0MTB8 HLA-A|X5MPH3

19517 PTPN13|Q12923 SUN2|Q9UH99
 19518 PXMP2|Q9NR77 JOSD2|Q8TAC2
 19519 NPAS3|F8W0C2 ENPP3|F8W6H5
 19520 COG1|J3QLT5 HLA-C|F8R8L9
 19521 PARK2|A0A087X1E2 PGAP1|A6NI33
 19522 NCAPD2|F5GZK7 TENM1|Q9UKZ4
 19523 BTD|C9JSN9 ESRRA|F5GWT5
 19524 RARS|P54136 COX3|F1DLM3
 19525 AFG3L2|D3DUJ0 SPTBN5|Q9NRC6
 19526 VARS|A0A024RCN6 COX3|A0A096X3H2
 19527 NDUFA6|P56556 TNP1|P09430
 19528 SULT2A1|A8K015 OR6M1|Q8NGM8
 19529 GSX2|B2LYG3 CRIP1|P50238
 19530 UGT2B7|Q5QKR3 IREB2|A0A0A6YY96
 19531 RHD|W6B6B2 CNDP2|J3QKT2
 19532 ARHGAP18|Q8N392 POLR2K|A0A024R9G0
 19533 IFLT1D1|Q8N9Z9 CDH1|B3GN61
 19534 COX1|A0A023QBJ9 HLA-C|M9P9U7
 19535 MYLPF|A0A024QZG6 INTS10|H0YB48
 19536 GPANK1|O95872 C9orf90|A0A024R887
 19537 CSNK1A1|D6RGE5 LRRRC52|Q8N7C0
 19538 HLA-B|G3D6K8 UBE2E1|P51965
 19539 EHD1|A0A024R571 HLA-C|K7P5I1
 19540 CDH5|P33151 hMMR1|I2FK91
 19541 BCS1L|A0A024R467 HLA-A|A0A0A7C7Y7
 19542 ND3|G3CA14 SAMD11|I7G293
 19543 ATXN3|G3V4F5 EIF2AK2|B7ZKK7
 19544 KLF8|O95600 ND6|A1DVF7
 19545 HBB|Q0Z944 ACYP2|Q53TK7
 19546 CDON|E9PNF2 BIK|Q13323
 19547 AGAP4|A0A087WSV4 TERF2|J3KSZ6
 19548 APOL2|Q9BQE5 LAMTOR1|Q6IAA8
 19549 HES1|Q8IXV0 HLA-C|D7NR01
 19550 DMRT2|A0A0A0MR18 HLA-C|I6TRY1
 19551 SERINC2|Q96AI1 PRDM7|Q9NQW5
 19552 HLA-A|D7NNP2 PLA2G2A|P14555
 19553 CYP2S1|M0R057 FGFR3|A8E633
 19554 ND5|V9JLL5 TBPL1|Q7Z6U2
 19555 COX3|K9MXE4 EARS2|Q5JPH6
 19556 HELLS|A0A087WSW7 SELPLG|Q14242
 19557 SCAMP5|H3BU33 HMMR|Q05DM0
 19558 NFATC4|G3V4U6 GDDPD5|Q8WTR4
 19559 FOXM1|Q08050 HLA-C|M9P8I3
 19560 PTK2|H0YB16 PSPH|C9JBI3
 19561 ATPase|Q5GND0 NME8|Q8N427
 19562 MYO18B|A0A024R1E2 HTR1A|P08908
 19563 PIM3|Q6P2J9 RBBP8|A0A024RC34
 19564 HLA-DQB1|L0BVW0 INPP1|P49441
 19565 CYTB|A0A0A0PMC3 HLA-B|G4XN19
 19566 HKR1|K7ERA5 ATP6|A0A075X6V9
 19567 HLA-B|E1Y6U0 NFIX|K7ESG9
 19568 MYH11|A0A024QZJ6 TTLL4|E7EX20
 19569 ITPKB|P27987 CYP2D6|W5QSH4
 19570 HLA-A|C8CH74 ARID4A|A0A024R657
 19571 SYTL5|Q8TDW5 IMPDH2|Q6RUP9
 19572 MICALCL|Q6ZW33 PIGL|Q9Y2B2
 19573 BST1|H0Y8G4 TRIM5|D8L1Z8
 19574 HLA-A|V6BQN7 PARK2|Q6Q2I8
 19575 CHAC2|Q8WUX2 TRIM26|Q12899
 19576 MRPL55|Q7Z7F7 ND1|Q5S8Q5
 19577 IFI30|A0A024R7N7 IL4I1|A2RRH1
 19578 HEL20|V9HWF9 MOK|Q9UQ07
 19579 CSRP2|F8VQR7 HLA-C|G1EMV2
 19580 ATPase|Q4GR32 DPH5|Q9H2P9
 19581 RPL30|P62888 ND3|K9R2C4
 19582 HLA-A|J9PWV5 D2HGDH|H7C290
 19583 CDA|Q71UE9 AP3S2|A0A024RC62
 19584 COX1|A0A059QEM6 SLC01A2|C9K059

19585 CETN3|015182 AVPR2|P30518
 19586 ND5|A0A075CBC2 SLC2A1|A6NL68
 19587 CDH17|Q12864 PRSS22|I3L116
 19588 CDC25B|B4DIG0 MOK|E5RI85
 19589 POGK|Q5TIJ2 LAT|C7C5T8
 19590 COI|D2Y6W4 ZNF483|A7MD06
 19591 ALK|F0UY66 MARVELD2|A1BQX2
 19592 KIF5A|J3KNA1 ND5|A0A059QQG5
 19593 RAB34|A0A024QZ68 ZNF638|Q14966
 19594 HTRA1|H0Y7G9 WIPF1|B8ZZ90
 19595 HLA-C|A0A0A7C999 ETV4|D3DX44
 19596 ORC4L|Q53SE3 RBFOX1|F8VZY7
 19597 DUOX2|Q9NRD8 ND1|B7TD27
 19598 MYC|H0YBT0 CD36|H0YEE7
 19599 HGF|P14210 ND5|F2WF35
 19600 PSG11|Q12812 ETV6|P41212
 19601 KCNC4|Q03721 HLA-DR|O19763
 19602 LOC89944|A0A024R3N9 AQP7|B7Z4U2
 19603 HK2|E9PB90 XRCC4|A0A024RAQ8
 19604 GPRC5C|A0A024R8N9 GATB|B4E0P2
 19605 COL1A2|Q7KZ71 ND4L|A0A059RP56
 19606 UTY|F4MHS6 MBTPS2|B9ZVQ3
 19607 RAB40A|Q8WXH6 LLGL1|Q15334
 19608 ERAP1|A0A0A7E7W9 HLA-Cw|Q27I59
 19609 SBF2|H0YDZ1 RFC4|C9J8M3
 19610 FKBP7|F8WE12 TUBA1C|Q9BQE3
 19611 PXYLP1|B7Z3R9 MXD1|B7ZLI7
 19612 ND5|Q8WCW2 CYTB|L7XK05
 19613 HLA-C|C0KJV7 COX3|A6Z2T0
 19614 RPS6KA1|Q5SVM7 AHCY|Q1RMG2
 19615 HLA-DQB1|E9PIB1 PPARGC1B|H0Y713
 19616 HLA-C|C9WES8 TLR1|D1CS36
 19617 CYTB|A0A059QJE1 COX1|H9QM08
 19618 KCNC4|Q03721 ARFIP2|E9PRV8
 19619 ND6|A0A023Q568 ITGA9|Q13797
 19620 HLA-C|K7P627 HLA-A|E5D6K2
 19621 ARIH2|C9JBC5 ABHD2|P08910
 19622 HLA-A|Q38MU2 DEDD2|M0QXK7
 19623 ND1|B8X5J9 MED12|H7C191
 19624 HLA-DRB1|D5FID5 GMPR2|H0YMV5
 19625 MSI2|J3KTC1 MYEF2|A0A024R5Q6
 19626 ACTR2|F5H6T1 RBX1|P62877
 19627 HLA-B|H9C5G6 SULT1C2|H7C420
 19628 KIF3A|C9J9X2 ATP8A2|Q9NTI2
 19629 COX1|G5D8R7 CYTB|H9MLY9
 19630 NIP7|J3QRR4 MT-ND4L|P03901
 19631 MSX1|E9KXU0 ZFAND6|H0YK54
 19632 HLA-A|A0A0A7C876 RABGEF1|V9GYI8
 19633 DKFZp686F1754|Q6MZH6 SPOCK3|E7ENT7
 19634 CYP2D6|D5KN10 RNPS1|Q15287
 19635 C9orf3|A0A0A0MSU0 VANG1|A0A024R0E3
 19636 EGR3|Q06889 GSDMD|P57764
 19637 ND6|Q20CU2 OGDH|E9PDF2
 19638 TNPO2|K7ENW1 CYTB|A1Z565
 19639 HRC|P23327 CYTB|A0A097Q169
 19640 HLA-C|D3U749 ESR1|B6DP74
 19641 ND5|E7E4L2 OPN5|D6RDV4
 19642 HLA-C|E2GJI9 MACF1|H3BQK9
 19643 ROPN1L|Q96C74 PPIL1|A0A024RCX8
 19644 ATP6|E2FQ77 MRE11A|Q05D78
 19645 HLA-DPB1|A0A0A7C5K1 AGT|P01019
 19646 HLA-B|G5D5S2 TCF7L2|Q5VVR8
 19647 SLC25A1|B4DP62 FOXG1|P55316
 19648 ABHD2|P08910 ND1|C8YGM6
 19649 AEBP1|Q8IUX7 CALN1|A4D1Z1
 19650 PLGRKT|Q9HBL7 ND2|A1E1D9
 19651 CYTB|V9JD53 ND5|Q2HKK5
 19652 HKR1|K7EM51 CCDC150|Q8NCX0

19653 MRPL15|E5RHF4 C21orf57|Q8TBC8
 19654 ARHGAP27|E9PIR1 HLA-C|D5M8B8
 19655 HLA-C|A0A0B7NY93 TPST2|B1AHK0
 19656 MYOT|Q9UBF9 OSR2|Q8N2R0
 19657 LOC133308|A0A024RDJ7 SNRPD2|K7EJB5
 19658 HLA-DQA1|Q67AH8 HLA-C|F4YU75
 19659 RAB40B|I3L178 TBK1|F5H1A3
 19660 COX3|H9T5S2 POLR2E|B4DJ89
 19661 PLEKHA7|Q6IQ23 NCALD|E5RK89
 19662 KLK13|Q5BQ99 FXYD7|K7ENE8
 19663 PI4KB|A0A0A0MSL0 HLA-C|V5NXT8
 19664 RHOBTB3|D6R935 IL13|Q4VB51
 19665 PDIA2|A4L733 AOX1|H7C3Q1
 19666 DTNB|Q1I0L3 GRAMD3|Q96HH9
 19667 TTLL12|V9GY16 SSU72|Q9NP77
 19668 UFD1L|C9J6N9 PABPC1|A0A024R9C1
 19669 HLA-C|D6ML83 AKAP8L|M0R008
 19670 ZNF133|A0A0A0MTK6 HLA-C|M9P9K2
 19671 MTA3|D6W5A2 HLA-C|D7NNZ9
 19672 hCG_40978|A0A024R1J1 HLA-DPB1|A0A0A7C5X6
 19673 HLA-A|F2VNE8 LTK|Q4G0N3
 19674 NARS|K7EPK2 FM01|Q01740
 19675 IDH2|P48735 PPM1E|Q8WY54
 19676 ING4|A4KYM7 HLA-DPB1|A0A0A7CA29
 19677 TNFRSF10B|Q6FH58 PRAMEF22|A3QJZ6
 19678 MYC|B3CJ71 gt-V|Q7LFU8
 19679 SLC1A3|P43003 ROBO2|H7C4U9
 19680 ITGA4|A0A023IPA9 UGT8|Q16880
 19681 USP3|H0YKU8 ATP1F1|Q9UII2
 19682 NUDCD2|Q8WVJ2 NRF1|A0A024R770
 19683 ZNF726|A6NNF4 TP63|C9D7C9
 19684 CCDC94|Q9BW85 PGM2L1|Q6PCE3
 19685 MFAP5|Q13361 HEATR2|Q86Y56
 19686 ND3|I7GW38 MDM2|Q96DS0
 19687 HLA-C|G1EQM2 STK-1|Q99815
 19688 HLA-A|D3U424 ATP6|R4I9Q0
 19689 VDR|T1WRW3 HLA-C|D3U735
 19690 HLA-C|G0ZMK2 PNMT|P11086
 19691 MYC|B3CJB3 ATF1|F8VS03
 19692 HLA-B|D2DKQ1 ELK1|Q6FG56
 19693 PGM2|E9PD70 SPTBN1|F8W6C1
 19694 SARM1|J3KRZ6 SFRS11|Q6PJB9
 19695 MUTYH|H0YEI2 ND6|A0A059QTJ2
 19696 RHAG|Q02094 APOBEC3H|B7TQM4
 19697 ZFXH4|Q86UP3 GNB5|H0YLU1
 19698 ND4|Q5XRD0 CYTB|Q4F4A4
 19699 SEPSECS|A1A4F3 CYTB|A6YWY5
 19700 EIF1AY|O14602 HNRNPDL|O14979
 19701 cytb|Q4GEU8 BRCA1|A0A024R1V7
 19702 MTMR14|C9JSR1 HLA-C|C9WEV2
 19703 C2|E9PDZ0 SLC37A2|Q8TED4
 19704 COX2|A0A059QPE9 RPUSD1|Q9UJJ7
 19705 UGCGL2|Q05D90 ABCD1|P33897
 19706 SEPT9|K7ERG1 MUM1|J3KNX4
 19707 HNRPCL1|Q6PKD2 ND6|A0A059RNZ2
 19708 OSBPL5|H0YCD7 POLR1B|Q4QRK8
 19709 HLA-C|G1EMR9 DKFZp686G0638|Q68D05
 19710 C6orf182|Q6P2R3 XPC|D2CPJ4
 19711 HLA-C|G1EMU5 ALDH3A1|E9PNN6
 19712 HDC|H0YLF0 PIGN|K7ERX5
 19713 DKFZp686J10186|Q68DS8 WDR36|Q8NI36
 19714 HLA-A|C6K4G4 ORMDL2|F8VWV8
 19715 PTPDC1|A2A3K4 OR51I1|Q9H343
 19716 GIMAP6|Q6P9H5 HLA-C|A0A060VG53
 19717 TGFB1|Q49IK8 ENO2|F5H1C3
 19718 KLF16|Q9BXX1 HEL-S-124m|V9HW84
 19719 CYTB|Q6VIV3 ABCB9|F5H7U2
 19720 S100PBP|E9PSA0 HLA-C|A0A0A7C5Z7

19721	DYRK4 D3JEN3	ND2 H9S3J8
19722	PSMA6 G3V5Z7	CCDC129 E7ERG9
19723	MADCAM1 Q5PY60	NOSIP M0QX85
19724	ND6 A6ZDH3	NUP62 P37198
19725	ND2 A0A097PZC4	GCLC D6REX4
19726	PJA1 Q8NG27	STATH P02808
19727	SLC25A38 Q96DW6	TSC22D3 Q5JRJ2
19728	MYH10 E7ERA5	DPYSL3 Q8IXW6
19729	NEK1 D6RBG5	ND1 E5DYD9
19730	SMARCB1 Q12824	PFKFB4 C9JJ23
19731	ZFAT F8W7M8	CYTB A0A023I993
19732	AR A0A087WZ66	COX3 A0A059RNY9
19733	ACOX1 K7ENF1	E4F1 H3BN24
19734	HLA-C D4P2X5	ST6GAL1 H7C472
19735	BTBD11 A6QL63	KIF27 F2Z355
19736	ZIM2 M0R155	CYTB Q4EY59
19737	COX3 A0A059RK12	RAD51C H7C1R0
19738	GPR24 Q5IFI4	CHD1 O14646
19739	HFE A0A097CK82	ALPK2 Q86TB3
19740	PTK2B E5RK84	RABL2A Q9UBK7
19741	ND6 Q5XRI0	COX3 Q0Z7D5
19742	RIMS4 Q9H426	ND5 A1DTY1
19743	CYTB A4ZLB6	SLC4A3 E9PCP1
19744	UBA1 Q5JRS3	SBF2 Q86WG5
19745	CWC22 Q9HCG8	PXK W5RWD6
19746	LARP4B Q92615	HLA-C F8R1C5
19747	C11orf87 Q6NUJ2	TNFRSF1A J9PH39
19748	MUS81 H0YDU2	DEPDC5 H0Y770
19749	FNTA E9PPQ6	GGT1 E7ET76
19750	GLRX P35754	PSD3 E5RJE4
19751	CHST10 C9JUE4	BABAM1 M0R0I0
19752	FKBP6 F8WD36	KIF4A O95239
19753	ACBD5 Q5T8D3	SLC28A1 O00337
19754	RHD K4UI15	PBX4 Q9BYU1
19755	OR4A16 Q8NH70	STK17B Q6FG98
19756	TANK Q92844	TES E0X098
19757	RAVER1 K7EKR9	PARP15 Q460N3
19758	OR4C16 Q8NGL9	MZT2B Q6NZ67
19759	CEBPG P53567	SUCLG2 E9PDQ8
19760	PDF Q9HBH1	PTPN22 G3K0T4
19761	GTPBP10 F8WBY0	HLA-DR15 F6KS22
19762	UGT1A7 Q9H3G1	KHNYN G3V331
19763	HLA-A G1EP89	IARS2 Q9NSE4
19764	ACOX2 H7C4Q2	LANCL2 Q9NS86
19765	PAK3 O75914	KLF16 D6W5Z8
19766	MDM4 A0A087WZ58	GDH Q9NQ82
19767	HLA-A H2BDP5	ENTPD5 A0A024R6B4
19768	APOC1 K7EPF9	TROVE2 A0A024R983
19769	HLA-DQB1 A0A0A7C7S6	CDK5 A0A090N7W4
19770	P2RX7 J3KN30	OPN1SW P03999
19771	POLR2H P52434	ARPP21 Q9UBL0
19772	MAN1A2 Q5T9E3	ACP6 X5D9K6
19773	PXMP3 Q6GU86	KCTD11 Q693B1
19774	RAB40C Q96S21	SLC6A6 C9JPV1
19775	SYNJ1 O43426	DTX2 C9JEH4
19776	ND1 D1MJV5	ND5 E5EXH0
19777	HLA-A F2VP64	DAOA A0A024RDZ4
19778	TMEM63B Q5T3F8	SLC26A9 Q7LBE3
19779	HTR5A Q14D80	HNF4a1pha B9VVT8
19780	UTY F4MH39	UBA3 Q8TBC4
19781	SCD O00767	ATP6 V9K6C5
19782	HCR A9XAC5	H6PD R4GMU1
19783	ZNF562 K7ENE4	TATDN1 U3KQS5
19784	COX1 A0A059RKT6	MLL/CALM Q8N6B4
19785	TMPRSS3 B7WPR2	SLC19A2 O60779
19786	OR51D1 Q8NGF3	AMICA1 Q496M4
19787	PRSS1 Q86W20	ND5 A6Z901
19788	NR1D2 B4DXD3	DTX3 A0A0C4DGI8

19789	ZNF396 Q96N95	DCUN1D5 Q9BTE7
19790	ND6 C8YC64	FKBP1A P62942
19791	EIF4G2 H0Y3P2	PNLIPRP1 P54315
19792	COX2 A7LFA2	CDK7 D6RIG9
19793	BANP Q8N9N5	FDPS A0A087X1D8
19794	COX1 A0A059RI82	RUNX1 X5CT67
19795	OR11H12 B2RN74	RIN2 Q8WYP3
19796	CIPC G3V5J4	ST8SIA4 Q92187
19797	STK17B O94768	PLA2G2A A0A024RA96
19798	BLID Q8IZY5	KRT77 Q7Z794
19799	COPB2 H0Y938	ZNF347 M0QZE2
19800	HLA-C M9P9F4	FTMT Q8N4E7
19801	ND6 E5QBL9	GNPTG Q9UJJ9
19802	LAT C7C5T8	CCDC41 Q9Y592
19803	WARS G3V3H8	ND3 A0A059RKZ7
19804	CAP2 A0A087WZ15	HLA-C R9QZ19
19805	RASA2 A0A0A0MSJ9	PEAK1 Q9H792
19806	SLC39A8 A0A024RDG0	OR8J3 Q8NGG0
19807	GLB1L H7BZ46	ND2 D6C304
19808	SLC33A1 O00400	CYP4A11 V9GY41
19809	NAP1L1 H0YH88	HLA-A M9P9E7
19810	CES8 Q6P2E5	GGA1 B0QYS3
19811	SART3 F8VVK9	Hosa(Adygei)-T2R55 Q50KD6
19812	FSHB Q1W658	CRYZL1 H7C3I5
19813	GLE1 Q53GS7	GJB1 P08034
19814	ATP6 B3DE47	ACTR3 B4DXW1
19815	CCAR1 F5H3E1	HLA-DRB1 A0A0A0WGI7
19816	FGF12 C9JEN8	SRPRB Q9Y5M8
19817	HLA-DQB1 Q30003	GRIP1 H0YGM4
19818	PRKACB A0A0A0MS54	RPL22 Q8WYP0
19819	SLC04C1 Q6ZQN7	ZNF24 P17028
19820	SLC7A6 H3BSB6	CHAT Q6LEN5
19821	KIAA1217 Q5T5P2	HLA-B A0MNMW2
19822	HSP90B1 Q96GW1	HLA-DQA1 Q5Y7A8
19823	KLHL35 Q6PF15	PLCD3 Q8N3E9
19824	RBMX2 Q05DU0	ND2 V5JJK6
19825	UBR7 H0YJM2	SPA17 Q05D07
19826	HLA-DPB1 A0A0A7C9Q3	OLFM1 Q96BL8
19827	RGS12 Q56A82	BIRC5 H3BLT4
19828	ZCHC2 K7ESN2	RDH16 O75452
19829	SLC9A3R2 Q15599	TMBIM6 P55061
19830	SRD5A3 Q9H8P0	ATP8 B2XII6
19831	DNAJB2 P25686	ZMYND8 A0A087WVZ6
19832	TCEA2 Q5JRI8	ABCB9 Q6P2Q0
19833	CKMT2 D6RHH3	ACER3 J3KN85
19834	HLA-B I1W1M9	VSIG8 Q5VU13
19835	HLA-C E0WN40	CERS4 H0YN04
19836	ND2 Q9B2Z6	hCG_2004507 A0A024R604
19837	APOL1 U5LKQ0	CHRFAM7A H3BPP0
19838	PITPNM1 A0A024R5I7	SASH3 O75995
19839	ND5 B4YFW0	HLA-A A0A0A7C805
19840	SIPA1L1 F5GYF8	KIF9 B4DZK5
19841	DRC1 Q96MC2	PALLD H0YA05
19842	GNAZ Q8IY73	HLA-DPB1 A0A0A7C6F9
19843	MICA C0LZS1	HLA-B B0BK95
19844	SOX13 Q9UN79	ZNF142 H7C414
19845	SLC25A11 Q02978	ABCG2 A0A024RDD4
19846	CYTB D7NUT1	ALB A0A0C4DGB6
19847	CENPN H3BRU7	IL7 D0EYG7
19848	DNPEP E7ETB3	SIAH1 H3BU09
19849	LSM14A Q8ND56	COX1 A0A059QIL9
19850	USP6NL Q92738	LTA4H Q49AK0
19851	PPIP5K1 C9J490	SCFD1 G3V5E2
19852	ND2 C8Y7E0	UGP2 C9JWG0
19853	NDUFS8 E9PPW7	FAF1 B1ANM7
19854	ITGB2 A0A024D9P8	ECAC1 Q9H480
19855	ZDHHC17 H0YIK0	KIAA1688 Q6PJQ0
19856	ACVR2B Q4VAU9	POU5F1 Q01860

19857 NFS1|F8WER8 ESRP2|A0A0A1TTP8
19858 HLA-DPB1|A0A0A7C531 NOVA1|F8VWX1
19859 CAMK2B|H7BXS4 SLC26A3|Q75N04
19860 FPR2|P25090 BMX|P51813
19861 ND3|A0A096W024 BAHD1|A0A024R9K2
19862 KEL|E7ETW3 IL34|Q6ZMJ4
19863 CYTB|H9MNS6 GPR78|Q96P69
19864 FOXO6|A8MYZ6 ERO1B|Q5TAE8
19865 ZMPSTE24|O75844 PAIP1|D6RJF2
19866 LUC7L2|Q9Y383 ND2|Q4VFQ5
19867 INSL3|P51460 HLA-DQB1|L0BXV2
19868 SF1|A0A024R5D9 OR8I2|Q8N0Y5
19869 AE1|B7ZFE0 LOC89944|A0A024R3N9
19870 NOL8|F5H0I5 TAOK3|H0YF68
19871 CYP21A2|C7DTX8 COX1|W0C7W3
19872 EXOC7|Q9UPT5 COX1|A0A075X6I9
19873 PTPLA|B0YJ81 NHLH2|A6PVY9
19874 ERBB4|Q53T57 C6orf182|Q6P2R3
19875 CCDC12|Q8WUD4 GLB1L|H7BZ46
19876 CLU|E5RH61 BECN1|K7EKK2
19877 C16orf62|Q7Z3J2 HLA-C|C0KJY4
19878 PXMP2|Q9NR77 CALML5|Q9NZT1
19879 ECI2|F8W6J1 DBH|P09172
19880 ZNF473|Q8WTR7 RPA2|P15927
19881 PROS1|Q8IXD4 VPS33A|Q96AX1
19882 ZNF586|Q9NXT0 KRTAP19-5|Q3LI72
19883 SMC1A|G8JLG1 MAPT|I3L170
19884 RARG|A8K3H3 GNG8|Q9UK08
19885 ND4L|I7H6J7 TP53|B4XAL0
19886 ND1|A0A059QF23 AKAP9|A0A0A0MRE9
19887 RPS6KA1|E9PAN7 HLA-DPB1|S4T6V7
19888 FBL|M0R2U2 HLA-A|D7NNM2
19889 COX3|E5EY89 ND1|D2Y6T1
19890 DDX49|M0QZC0 SLC35A1|Q6A0F3
19891 POP4|K7ERD7 PMP22|Q6FH25
19892 CNTNAP2|Q75MD4 HLA-B|U4N162
19893 TUBB3|Q3ZCR3 DIP2C|E7EPU2
19894 DUSP16|Q9BY84 TAF1B|Q53T94
19895 RPS6KA5|O75582 ND1|A0A097PVF1
19896 KTN1|H0YJZ8 ND4|C8Y972
19897 ND2|C7B3M4 GLB1L2|Q8IW92
19898 HLA-B|Q9GJG3 M6PR|F5GX30
19899 KLKB1|C9JCT1 CEPT1|A0A0C4DGS9
19900 MAPK10|D6RBH2 TAOK1|A0A024QZ70
19901 ATP6|H6WHI2 ND5|G9LDI5
19902 DKFZp686P03208|Q7Z2Y9 LYPLA2|O95372
19903 DKFZp66600110|Q658W2 PANK4|H0YA26
19904 TOP1MT|H0YAR3 ALK|Q9UM73
19905 R3HDM4|Q96D70 EXOC3L1|H3BTH9
19906 HLA-C|M9P8R6 TNR|H0Y668
19907 GAGE5|Q13069 CYTB|A0A059RII2
19908 CDC27|I0EZ72 DHCR24|Q15392
19909 C16orf74|R4GN89 HLA-A|V5LDX8
19910 MBD3|A0A087WZ12 RHD|A9P3T2
19911 GH1|Q6IYF1 SMAD3|H0YMP2
19912 PRG2|P13727 HLA-DR15|H6A2E5
19913 CYTB|L7XKN1 COX2|Q7Y6N0
19914 CROCC|A1L0S8 CALB2|P22676
19915 NCBP2|P52298 TP53|A4GW67
19916 ATP6|D8L4E5 ND2|Q7YCG4
19917 HLA-DQB1|U5IS38 OMP|P47874
19918 SYBU|E9PPC2 RNASEK|Q6P5S7
19919 XKR8|Q9H6D3 ZKSCAN5|F8WBD4
19920 ABCA13|F5H7B7 FAM124B|Q9H5Z6
19921 HLA-C|F6IQL2 ZNF440|Q8IYI8
19922 CCBP2|A0A024R2X7 SPCS2|E9PRB9
19923 ND4L|A0A059RP56 TRRAP|Q9Y4A5
19924 ACTA1|Q7Z7J6 ASPG|H0YHG5

19925 TAS2R39|P59534 CARD9|A0A024R8F1
 19926 RPH3A|F8VR41 ND4|A0A059QNP1
 19927 HLA-B|Q9TP31 ZNF607|A0A024R0G5
 19928 ETNPPL|D6RFL9 XP04|Q9C0E2
 19929 TRIM41|A0A087X0V2 ZNF544|M0R2F0
 19930 ATP6|A6YW31 COIII|Q4GU59
 19931 CCR5|A0A089G6S9 RAET1L|J7HEN7
 19932 JUN|Q6FHK0 HSPG2|P98160
 19933 CRTAP|O75718 CYP2C19|Q767A3
 19934 SSSCA1|O60232 HLA-C|M9P9F2
 19935 COMMD8|Q9NX08 RWDD2B|P57060
 19936 ChGn|B3KNW4 COI|U3MA12
 19937 DKFZp762M113|Q69YP0 HIPK1|A0A024R0H9
 19938 ALG3|Q92685 PAAF1|Q9BRP4
 19939 HLA-A|E2D5M5 PSPH|P78330
 19940 C2|H0Y3H6 CYP2E1|Q4LBD0
 19941 RBM6|C9J250 BTBD18|B2RXH4
 19942 MYL12A|P19105 ND5|Q1ADM1
 19943 NEK3|F8VTT4 VSX2|P58304
 19944 HLA-DRB1|Q8HWN3 MAS1L|P35410
 19945 NDRG1|E5RIR1 ND4L|A0A023QLI9
 19946 ADAM18|Q9Y3Q7 ACER3|E9PLZ9
 19947 PITPNC1|E7EU35 IQCF1|Q8N6M8
 19948 MREG|C9JFU1 PYGL|P06737
 19949 GABRA2|P47869 TAPBP|A0A024RCT1
 19950 CFLAR|F8WBH9 CYTB|D0UTU3
 19951 KCNT1|C9J9Y7 SYPL|A4D0R1
 19952 ND5|A0A0A0PQ84 NUDT7|H3BRQ8
 19953 OPRM1|B8K2Q5 GLP2R|Q4VAT4
 19954 ND5|H9A7B9 C1orf22|A0A024R931
 19955 COX1|A0A059QG34 ZBTB41|Q8N9U5
 19956 CEBPE|Q15744 KIAA0368|R4GMY3
 19957 ORC1|Q13415 MAP7D1|Q3KQU3
 19958 ATXN3|D3VVL5 OR6C3|Q9NZP0
 19959 RPN2|Q5JYR4 TSEN15|E9PPN1
 19960 ZNF225|Q9UK10 KIF5B-RET(NM_020630)_K16;R12|M1VKI9
 19961 NFYC|Q5T6K7 ATP6|Q4EXG9
 19962 S100A1|Q5T7Y4 ND5|H9T5H2
 19963 DKFZp686C1178|Q6MZU8 ALD|Q6TGM0
 19964 LAMTOR4|Q0VGL1 RNF19|A3KCU8
 19965 FRS2|F8VS98 ND5|Q85KT3
 19966 HLA-B|W0NU97 ALMS1|Q8TCU4
 19967 CLIP4|Q8N3C7 IQGAP1|P46940
 19968 ATP6|D9MZX0 HLA-A|E3SWG4
 19969 RHD|T2LKG5 ND3|W8CT11
 19970 RAB38|P57729 CYP3A43|C9JA26
 19971 type|Q16275 IMPA1|H0YBL1
 19972 SLC13A5|I3L4S9 PSMC6|H0YJC0
 19973 DKFZp781H1715|Q68DX5 SLC5A6|E7EW41
 19974 HLA-C|A0A0A7C6G9 PLAUI|P00749
 19975 ZNF300|Q96RE9 HLA-C|E7DQN6
 19976 NFXL1|Q6ZNB6 FAM9B|Q8IZU0
 19977 TBC1D1|B9A6J6 ZNF559|S4R3U0
 19978 SLC9B1|D6RHJ0 HLA-C|G9HW51
 19979 LRP3|O75074 LAMA3|A0A0A6YYF2
 19980 OS9|Q13438 ING4|A4KYM5
 19981 FCGBP|Q9Y6R7 PLCB1|Q8IV92
 19982 ATM|M0QXY8 C1orf51|Q8N365
 19983 OR3A1|P47881 MSH2|E9PHA6
 19984 DCDC2C|A8MYV0 GPR34|Q3SAH0
 19985 ND5|H9T7P9 POU5F1|D5K9S1
 19986 CYTB|H9QQX3 ILF3|K7EKJ9
 19987 MTA1|Q13330 ND2|I3Q9C1
 19988 PCBP1|Q15365 CFL1|E9PLJ3
 19989 HEL-S-31|V9HWH3 TOP3B|C9JEQ1
 19990 TLR4|K9MTL8 TP53|E7EMR6
 19991 DUX4L6|P0CJ89 KHDRBS3|H0YAQ3
 19992 RGS7BP|Q6MZT1 STK25|C9J232

19993 NR3A1|B6ZGU3 HLA-B|T1R372
 19994 SRD5A3|H0Y9P9 ALS2|H0Y696
 19995 TSPAN7|P41732 ACSM2B|H3BM61
 19996 GUK1|B1ANH2 ATP6|Q85KR5
 19997 CEP112|Q8N8E3 ATP6|J7HTA3
 19998 UGT3A1|A0A024R085 ANO3|E9PKW2
 19999 CYTB|Q2LHQ8 HOXB1|P14653
 20000 COX2|A0A059RQT0 GALNS|Q96I49
 20001 ACSL3|A0A024R497 STX1A|A0A0C4DFZ1
 20002 YIF1A|O95070 SLC38A8|A6NNN8
 20003 ZNF630|B2ZWG8 GLDN|H0YM22
 20004 GCSAM|C9JY41 SPINT1|H3BVD9
 20005 FCGR1|P55899 PXDNL|A1KZ92
 20006 ND5|A0A059RS89 PPP1R8|Q12972
 20007 MTX3|Q5HYI7 ND1|G9LCM6
 20008 TYK2|K7EM33 ND1|A6ZHX0
 20009 GRIA2|H0Y972 PKX|H7BYG4
 20010 HLA-G|Q6UV35 FTH1|A0A024R525
 20011 DKFZp313D2411|Q5HYK4 PGLYRP4|Q96LB8
 20012 SNRPG|Q49AN9 RNASE11|C9JYR4
 20013 OTUD6B|Q8N6M0 WARS|G3V339
 20014 CYTB|Q7HZN7 ADCY3|A0A0A0MSC1
 20015 ZYX|Q9BUS0 HLA-B|F8SKV9
 20016 ADM|E9PML4 CELF5|K7ES14
 20017 TUBB6|K7ESQ3 MAP4K2|Q12851
 20018 CYTB|L7XMU6 CYTH2|F8W8E2
 20019 SLC35A1|Q6A0F2 CPLX1|D6RAG3
 20020 SFXN1|S4R2X2 PUS7|Q96PZ0
 20021 RABEP1|I3L2B8 ARL8A|A0A087X2J2
 20022 SEZ6L2|A0A087WYL5 PLCB1|A0A087WW73
 20023 ORC5L|A4D0P7 ATP6V1G2|O95670
 20024 CSNK2B-LY6G5B-562|N0E644 COX2|V9J3C6
 20025 FOS|G3V2V7 EMR3|Q9BY15
 20026 RHCE|I7L128 MTERF4|C9JNJ7
 20027 CRABP1|P29762 HLA-A|X2L4X5
 20028 HLA-DPB1|A0A0A7CA04 ND5|A0A059QIR2
 20029 SYT-SSX1|A4PIV7 TNNT2|P48788
 20030 CSNK2A1|V9GY80 KIFC1|A0A024RCS7
 20031 TRAPPC2L|H3BUK6 CYTB|A0A023QH23
 20032 ZFAND6|H0YLR2 COL16A1|Q07092
 20033 CYP21A2|Q1EM51 TLK1|Q9UKI8
 20034 GSTM2|P28161 NANOGP8|J7H738
 20035 ATXN3|D3VVB5 GAPVD1|B4DGD8
 20036 MIA2|G3V4M1 EGFLAM|Q63HQ2
 20037 HLA-C|K9L7Q9 ARHGAP19|Q14CB8
 20038 CRYAA|E9PHE4 FBP1|Q5VZC3
 20039 TRPM5|E9PRW0 TMEM63B|H3BLW6
 20040 ATP6|B7ZIX9 HLA-C|D6MJK9
 20041 NSDHL|Q15738 HBB|B2M0Y1
 20042 ST6GALNAC1|G3XAD9 ABCE1|P61221
 20043 LZTS2|S4R3W7 CYTB|G1FI52
 20044 OR5K3|A6NET4 ND5|A0SBJ7
 20045 TMX3|H3BT89 ATXN3|D3VVB8
 20046 cytb|A7XTV3 AIP|C8CHN4
 20047 EP400|Q96L91 NEIL1|H3BU98
 20048 AP1M1|K7ER75 PRKAG2|Q9UGJ0
 20049 CCDC80|Q76M96 SMARCA4|A7E2E1
 20050 ATP6|B3DE99 ARPC1B|O15143
 20051 DDIT3|Q53YD1 BARHL1|B7ZMC8
 20052 POMT2|Q9UKY4 DKFZp779K1333|Q68DJ8
 20053 MAP1LC3C|Q9BXW4 ZFP36L1|G3V2P5
 20054 AGAP3|E7ESL9 SLC8A2|Q9UPR5
 20055 SAP25|Q8TEE9 HLA-A|D6MLM5
 20056 CIAPIN1|H3BUG4 HLA-A|A0A0A7C3W4
 20057 ND4|C8YD76 PPP1R13B|H0YJG1
 20058 SFXN1|D6RAE9 ND1|A6Z7M3
 20059 IFRD1|O00458 KATNAL1|Q9BW62
 20060 PKM|H3BR70 CFTR|Q6KEJ4

20061 AN06|Q4KMQ2 C1S|F8WCZ6
20062 UGT1A5|Q5QTE5 CYTB|H9RBZ4
20063 OR10K2|Q6IF99 STK17B|Q53QE7
20064 HLA-DQB1|I7H3Z5 KCTD15|Q96SI1
20065 HLA-DPB1|A0A0A7C5A7 ADGRD1|A0A087WYZ5
20066 EDDM3A|Q14507 LRR3|Q9BY71
20067 KDM5A|F5H322 ZCCHC17|A0A087WXU5
20068 UBE2Q2|Q8WVN8 PYCR2|B3KMB7
20069 MIB1|Q86YT6 MED21|Q13503
20070 GGT6|B4DPG6 MRPL40|Q9NQ50
20071 ZNF44|M0R160 NONO|Q15233
20072 USP17L11|A0A087WTA0 UPK1A|O00322
20073 COX1|A0A059QX78 ZNF100|M0R071
20074 PPP4R4|Q6NUP7 ATP7A|Q762B6
20075 SYCP1|Q5VXJ5 HLA-C|Q30203
20076 KRT9|K7EQQ3 ROPN1B|Q9BZX4
20077 S100B|P04271 WDR7|Q9Y4E6
20078 OR4D6|Q8NGJ1 ZNF681|B9EGB3
20079 RHBDF1|Q96CC6 LONP1|K7EQF8
20080 CHD4|Q14839 RPL38|J3QL01
20081 ATP8|D9MZN6 HLA-DQB1|A0A0A7C623
20082 PRODH|E7EQL6 USF2|B4DLJ1
20083 CTNND1|O60716 MSX1|E9KXX9
20084 NRXN1|H7BYC7 CD247|H6QVQ5
20085 ZNF319|Q9P2F9 LAD1|O00515
20086 NINL|Q9Y2I6 Hosa(Biaka)-T2R3|Q50KY9
20087 DNAJA1|P31689 ND1|A0A059RHS4
20088 NPAS2|H7C0Z2 CYTB|D5K760
20089 HLA-DQB1|F5A3L3 GLIS2|Q9BZE0
20090 STYXL1|C9J4H0 CYTB|H9RD47
20091 AK5|E9PIS7 HDAC7|J3KPH8
20092 RABGGTB|P53611 CD200|F8W7G1
20093 ATP6V1H|E5RHH0 HL14|Q15954
20094 GRM5|G8XUU6 SEC61A1|B3KNF6
20095 USP39|Q53GS9 EGFR|E2I6F5
20096 CYTB|A0A075X7F6 MED15|C9JM58
20097 DLX1|X5D2F9 MCM10|Q7L590
20098 PMM2|H3BM92 TYW1|C9J9Q4
20099 FSCN1|Q16658 DUS2|H3BM64
20100 OR10Q1|B9EIL7 HGFAC|Q04756
20101 MUL1|Q969V5 HLA-C|D7NQZ2
20102 PDE12|Q6L8Q7 ndh1|T2HK55
20103 UBXN1|Q04323 ZNF285A|B7ZLR9
20104 CLK3|P49761 HLA-C|E2DHA2
20105 HLA-C|A0A0B7NXU1 RHOXF1|Q8NHV9
20106 DKFZp781I1140|Q7Z3L0 PSMD12|O00232
20107 HLA-C|E0X606 PMS1|B7ZAA0
20108 RTKL1-TNFRSF6B|D6RA96 CUL5|Q93034
20109 RPL37A|E9PEL3 DKFZp586B1222|Q9UG73
20110 NDUFA5|H7BYD0 FABP1|P07148
20111 TMEM67|Q5HYA8 CCR5|A0A089G6P4
20112 ANAPC4|D6RFM7 COI|U3M9Q9
20113 PABPC1|E5RHG7 SIX2|Q8TBA2
20114 BCKDK|O14874 CYLC2|A0A024R146
20115 CYTB|X5DUY9 ZNF138|C9JHF6
20116 HLA-B|D3U3R2 NANOG|Q9H9S0
20117 HLA-C|M9P8R6 MYLIP|Q8WY64
20118 SON|P18583 RECQL5|A0A024R8S8
20119 CENPX|J3QR35 FXR1|B4DXZ6
20120 FAM53C|Q9NYF3 RGP2|P0DJD1
20121 ND5|I3PXH0 GRLF1|A2RRE5
20122 RAPGEF5|Q92565 CELF2|E9PC62
20123 HLA-C|C6K4M8 CRYZL1|A6NND8
20124 KIF15|D6RCT7 PRCP|E9PR42
20125 MUS81|H0YDE3 HLA-A|D6CIB2
20126 MAP2K7|O14733 SCNN1A|J3KPV6
20127 ND6|E5QBL9 TTL|Q8NG68
20128 VAPB|O95292 SLC15A2|Q16348

20129 CNTNAP3B|Q96NU0 ATP7B|P35670
 20130 TNK2|H7BZZ3 PRSS1|Q53ZF3
 20131 ANKZF1|C9JS61 NEK11|A0A075B7B3
 20132 TECR|B4DR74 IQGAP1|P46940
 20133 DEFA6|Q01524 HLA-C|C6K4L4
 20134 ACTR3C|H7C4J1 LMX1B|Q6ISE0
 20135 HLA-G|J7H084 RAB27A|H3BVH7
 20136 ND5|B2KMS3 STAT6|G3V2L2
 20137 TUBGCP4|Q9BVR6 CYP2B6|Q6NWW1
 20138 FOXE3|Q13461 HLA-C|U5YBZ9
 20139 TUBD1|K7EPQ0 ND3|C8XZ47
 20140 FAM127B|Q9BWD3 EPS15|B1AUU8
 20141 CFTR|A0A024R730 HELB|Q8NG08
 20142 MACF1|E9PNZ4 PRKCZ|F2Z2H9
 20143 FABP1|P07148 CBR1|P16152
 20144 ND5|D3YLI0 EXT2|E9PNL9
 20145 ATP6|I7D8P0 HLA-C|A0A0A7C6Q8
 20146 CTSD|F8WD96 FLJ00153|Q8TEP0
 20147 IYD|C9JXJ9 SIX6|Q5M8S8
 20148 TRIM17|A0A024R3T1 PIGH|Q14442
 20149 CA1|E5RFL2 DKFZp66700311|Q68CW9
 20150 EXT2|E9PJA5 CD8BP|A6NJW9
 20151 CYP4B1|E9PML0 OLFM1|F8W870
 20152 NRARP|Q7Z6K4 ADAMTS19|Q8TE59
 20153 HLA-DPB1|A0A0A7C665 ND5|H9PMJ2
 20154 ZFX|A0A024RC04 PGS1|Q32NB8
 20155 VCP|Q0IIN5 COX3|A0A096ZZY4
 20156 TLR6|B6CH42 COX1|A6YZK9
 20157 ND1|H9E7T0 YIPF4|Q9BSR8
 20158 ND5|G4W5R1 DCN|F8VUF6
 20159 HLA-DQB|T2D2V0 ALDOC|P09972
 20160 SS18L1|O75177 RPLP0|F8VPE8
 20161 RNASE10|Q5GAN6 STK17B|Q6FG83
 20162 UBE2F|C9J9P8 KRT72|H0YHD9
 20163 COX3|H9E7G0 TMEM47|Q9BQJ4
 20164 UBLCP1|Q8WVY7 XPNPEP2|O43895
 20165 ZNF775|Q96BV0 UBE2G2|P60604
 20166 BSCL2|E9PR78 HLA-C|V5NW00
 20167 RPGRIP1L|H3BPF5 NPAS2|Q99743
 20168 RBM23|Q86U06 ND5|A0A068C1Y8
 20169 RTN2|O75298 PROS1|Q8IXD4
 20170 IL15|P40933 EIF2B2|Q53XC2
 20171 COX1|R9Y9M1 HLA-C|V9N2U3
 20172 ZCWPW1|Q9H0M4 CCAR1|F5H808
 20173 CHD1L|Q86WJ1 CELSR1|H0Y7R9
 20174 HLA-DPB1|A0A0A7C9Q7 XRR1A|Q6P2D8
 20175 VNN3|Q9NY84 RAB5A|P20339
 20176 RHCE|A0A0A8WG26 COTL1|H3BT58
 20177 ICOS|Q9Y6W8 TNNT1|Q56R94
 20178 HLA-A|F6IQY1 SH3BP5|O60239
 20179 NTRK2|Q548C2 COX1|A0A059QHB6
 20180 NADH6|B1W9K7 USP15|F8W0H4
 20181 MATR3|D6REM6 ND5|F1DMW9
 20182 MYC|B3CJD6 UTY|F4MHB9
 20183 HLA-A|M9P8G3 AMPD1|Q6I6Y1
 20184 RPS4Y2|Q8TD47 MDM2|Q96DS0
 20185 UGT1A6|Q5DSZ8 MYO5A|F8W6H6
 20186 CLDN12|Q6FIF6 CWF19L2|Q2TBE0
 20187 TPD52|P55327 CYTB|H9NRW9
 20188 TMEM63A|A0A024R3T3 KDM5A|F5H322
 20189 SYNJ2|X6R647 IRF3|M0R007
 20190 CNEP1R1|H3BUT5 HLA-DRB1|D5FID6
 20191 ND1|A0A059RJI0 CTSB|E9PKQ7
 20192 ZNF584|M0R0A3 FOLR2|F5GZ45
 20193 MKL1|B0QY84 ATP6|A6YX94
 20194 PORCN|Q9H237 NR1F3|F1D8P6
 20195 ZNF566|K7EQC1 HLA-A|C6K4H5
 20196 ZMAT2|R4GNG8 ZNF506|Q5JVG8

20197 SYNDIG1L|A6NDD5 PNPLA5|B1AHL9
 20198 APEX1|G3V359 BABAM1|M0R0I0
 20199 DKFZp686C2268|Q68DT8 UTY|F4MHF8
 20200 SRCRB4D|Q8WTU2 SPICE1|H7C5N4
 20201 STMND1|H3BQB6 ZNF83|A0A024R4L3
 20202 HLA-G|Q95391 NMU|P48645
 20203 BPIFB6|Q8NFK5 PKM|H3BUW1
 20204 INCENP|Q9NQ57 C2orf18|B4DLH2
 20205 ST6GALNAC6|X6RH99 HTR5A|A4D2N2
 20206 DOCK4|C9J637 FOXF1|Q12946
 20207 SLC26A7|Q8TE54 DUOX1|Q9NRD9
 20208 CYTB|C8YCJ5 HLA-C|D6ML85
 20209 ATP7B|G1FFF3 ATP6|Q8WCX0
 20210 ZNF101|K7EN16 TRPS1|H0YC29
 20211 FLJ10769|B4DQR1 RPLP0|F8VRK7
 20212 ASXL1|Q498B9 MED6|A0A087WYL7
 20213 P4HA2|E7ERI1 DEFB117|Q30KQ3
 20214 ND5|Q7YCE2 ATP11A|Q6PJ25
 20215 HP1BP3|Q5SWC8 TBP|Q32MN7
 20216 BPHL|Q86WA6 DCTD|D6RC36
 20217 ATP13A2|H0Y9K4 DHTKD1|C9JWN1
 20218 TRPC4|Q9UBN4 COX1|A1DTC8
 20219 ND2|G5D835 C2orf50|Q96LR7
 20220 ATP6|D2Y572 HAS3|Q00219
 20221 COX3|H9SN86 COA3|Q9Y2R0
 20222 C1QTNF9|P0C862 DDX60L|H0Y8H0
 20223 SMAD2|K7EJX0 OR2L8|B9EIN6
 20224 EVC|P57679 MEIS1|U3KPR8
 20225 HTR6|P50406 ZNF688|P0C7X2
 20226 ABCB9|F5GYI2 CYTH1|K7ENQ8
 20227 CDC25C|D6RJC2 CTBP1|H0Y8U5
 20228 CASP1|P29466 HLA-C|V5LL23
 20229 LMX1B|Q6ISE0 HLA-C|G1EQD3
 20230 RAN|J3KQE5 COX1|A0A059RQ22
 20231 COI|U3M9Q4 CORIN|A0A087X1D5
 20232 ZW10|O43264 ZNF415|M0QX59
 20233 UBXN11|Q5T124 LZTR2|A0A024R903
 20234 RAD51D|K7EN92 FANCI|H3BN35
 20235 HLA-A|Q8WMB6 ZFYVE26|G3V2D8
 20236 RNF32|A0A024RD87 ND4|F1B6R0
 20237 COX1|A0A059QL24 DKFZp686H16106|Q6AI22
 20238 EPHA4|C9JIX8 ZNF43|M0R3D5
 20239 HLA-A|U5YBL6 GYS1|M0QYU1
 20240 GATM|H0YLC6 PPP1R7|Q15435
 20241 MUM1|D6W5Y8 EIF2B4|E7ERK9
 20242 MYC|B3CJ73 PITX3|A0A0B5HP44
 20243 HOXD11|P31277 ANGPT4|Q9Y264
 20244 SHFM1|F2Z2N6 PPP1R16A|Q96I34
 20245 FKBP8|M0R2Q6 ND5|A0A059RXE4
 20246 VEZF1|Q14119 RFNG|A6H8Z0
 20247 MRPL11|E9PQB6 MCF2L2|Q86YR7
 20248 HLA-DPB1|A0A0A7C807 EGLN3|G3V3M1
 20249 TNFRSF1A|F5H6V7 WFD3|F2Z2G5
 20250 UGT1A7|Q5K632 BC02|V9GYA9
 20251 UNC119|K7EN86 CYTB|G5D8L5
 20252 COX3|H6WIW4 IL4R|P24394
 20253 NPEPPS|E9PJY4 ENPEP|B0BCZ3
 20254 MUXA|H8YHX0 HLA-C|C8CHA9
 20255 GON4L|Q14BN2 CEP350|Q5T2X5
 20256 SULT1C4|O75897 ABCB9|F5H0G0
 20257 KSR1|J3QQL4 HLA-A|G1EPG4
 20258 SHC4|H0YLZ2 NT5C|J3KSY6
 20259 DPP8|H0YK36 DCTN2|F8W1I6
 20260 FABP3|Q6IBD7 HES1|Q8IXV0
 20261 DDN|O94850 HLA-A|W0G8I7
 20262 SETD1B|Q9UPS6 COX1|A6YV54
 20263 TRAPPC2L|H3BPS1 NR6A1|F1D8S0
 20264 HEYL|Q9NQ87 CREBBP|B5A248

20265	ITGB2 A0A024DAS2	GZMB J3KQ52
20266	COX2 Q9B1F9	HEL97 V9HWJ9
20267	NFIA B1AKN6	DDX20 Q8TDR3
20268	CREB1 E7EWP8	KCNQ5 Q9NR82
20269	DUSP12 Q9UNI6	HEL-S-305 V9HWF1
20270	ND5 G9LIG4	COX1 Q2HKD5
20271	GJC1 K7ERH3	COX1 Q8WCX5
20272	AOAH A0A087WVT3	DDR1 A0A024RCL1
20273	HLA-C C6K4L4	HLA-DPB1 Q9UM37
20274	SUN5 Q5TDX9	ND3 A0A096W024
20275	MOCOS Q96EN8	ATP6 Q06U80
20276	UGP2 C9JUW1	CTNNA1 E5RHR7
20277	HLA-DMA P28067	GALK2 H0YLL3
20278	PPARG E9PFV2	ND5 V5L835
20279	LTF E7EQB2	MYOHD1 A0A024R0S9
20280	PGD K7EM49	IRP1 Q9HBB2
20281	ND6 C8YF93	FKBP8 M0R1Q0
20282	STX1B H3BT82	VOPP1 Q96AW1
20283	HLA-C A0A0A7C9K9	HSD17B4 G5E9S2
20284	PRM2 Q1LZN1	EXOC4 Q8TAR2
20285	PCDH1 D6RBG2	COG6 A0A024RDW5
20286	COX1 Q5XRR7	TMPRSS12 Q86WS5
20287	PPP4R1 Q8TF05	HLA-A D6MLJ4
20288	FGF20 H0YAT9	GPR19 B9EK41
20289	DSC1 Q9HB00	ANK3 A0A087WZ65
20290	SLC11A2 F8VR36	CTNNA1 A0A087WZL6
20291	BCL7B Q9BQE9	CYTB X5C498
20292	SPTBN2 O15020	RP11-301I17.1 A0A024RDT8
20293	GRIK4 Q16099	SNAPC5 A0A024R5X1
20294	WDFY1 A0A024R488	HLA-C V5NXV0
20295	PIK3C2B Q5SW97	ENTPD1 P49961
20296	ND2 V9PAG7	ATPase Q4GH61
20297	COX2 A0A059RKX5	ND4 R9Y4Q4
20298	BRPF3 E9PSF3	RHD E1Y6M6
20299	CREBBP B5A225	TLR6 B6CH42
20300	MRPS2 Q9Y399	SCN8A Q9P2Q6
20301	ANKRD36C Q5JPF3	HLA-A A0A068B103
20302	GIG18 Q2TU84	E2F5 Q15329
20303	PTPRS A8E4L7	GGT1 E7ESL5
20304	RALGDS Q5T7U6	PIGC A0A024R900
20305	OSBPL5 Q9H0X9	CHD1 O14646
20306	ND5 A4ZYN0	OLR1 A0A024RAU0
20307	HLA-C S6B6S2	PRDX4 H7C3T4
20308	PTPRD F5GWR7	BLZF1 Q5T532
20309	MYOCD Q8IZQ8	P2RX4 K4KBD6
20310	PRCP E9PQN3	ara Q13798
20311	HLA-DRB1 Q30008	usp25 W6MEN2
20312	CTNND1 Q96F51	hCG_1994130 A0A024QYV7
20313	ND1 Q4ZET1	MTMR1 B7Z3D5
20314	GINS2 M0R043	COX3 A0A097QDD8
20315	TAF12 Q16514	G3BP Q6FI03
20316	TRMT1L Q7Z2T5	ND4 Q9B2X8
20317	HSPB7 Q9UBY9	NOP16 Q9Y3C1
20318	ND1 H9MRG3	ATP11A E9PEJ6
20319	CDH24 A0A087WTR7	ZW10 F5H3C1
20320	ZSCAN1 Q8NBB4	TUBB Q5ST81
20321	ND1 A0A059QPU5	MAP2K6 K7ELM6
20322	HLA-C Q7YP26	ZNF407 Q9C0G0
20323	KCNJ15 C9JTX1	COX3 Q7YEF1
20324	ND5 H9SFG0	ND5 A0A096VZ02
20325	RBM7 F5H606	CNTNAP2 Q9UHC6
20326	ND6 A0A023I852	CDK10 Q9UHL7
20327	GHRL I6N821	ND5 A6ZFM3
20328	GPX6 A3KN74	HLA-B G1EPR5
20329	MIB2 Q96AX9	ATP6 U5YV11
20330	COX2 G4W3M6	ITGB1BP1 A8MPU2
20331	COX3 Q5Y0H4	PLA2G4A P47712
20332	STK11IP Q8N1F8	GNAT1 C9JCV8

20333 DBI|A0A0A0MTI5 LSR|Q86X29
20334 ATP6|Q7YEF3 TLL1|O43897
20335 COX1|A0A059RT48 PTGES3|Q15185
20336 CTSH|E9PKT6 IRF2BP1|Q8IU81
20337 SEMA4A|Q9H3S1 DNAJC4|Q96FY5
20338 NANOGP8|J7HAW9 KIAA0028|Q9BQR0
20339 HEL-68|V9HVZ6 PHC2|B7ZLY0
20340 HLA-B|K9LD93 EIF4E2|C9JEL3
20341 LARP7|D6RF49 HEMK1|Q9Y5R4
20342 LYST|Q99698 PYGB|P11216
20343 EFEMP2|O95967 ND2|Q4F5S2
20344 CLCNKA|P51800 HLA-DR15|M9P978
20345 FCAMR|Q8WWV6 RPL3L|Q92901
20346 TLN1|Q9Y490 HIST1H1B|P16401
20347 PDE11A|Q9HCR9 PALM3|A6NDB9
20348 SLC26A9|Q7LBE3 HLA-C|F1CCL5
20349 GAS2L3|A0A024RBF4 PDCD6|Q86W51
20350 ADAM8|Q14C66 TSC22D3|D6RBL1
20351 CCDC88A|C9J225 FKBP10|Q96AY3
20352 TSC2|X5D9K3 RIN1|Q13671
20353 COX1|A0A059QNK0 SCAMP5|H3BTD1
20354 POLE|F5H7E4 HLA-C|C7FDT5
20355 HLA-C|G1EMV0 HDLBP|Q96CF6
20356 EMC1|Q8N766 MPO|J3QSF7
20357 MEIS2|A0A024R9L4 SPDYE4|A6NLX3
20358 BAI1|O14514 CAMKK2|A0A024RBP6
20359 RPL27|K7EQQ9 FOLR3|A0A087WXH3
20360 FAN1|D9MXF4 ND5|V9PA42
20361 ZNF83|Q6P579 HLA-DPB1|A0A0A7C9Z4
20362 MKNK1|E9PMM8 ZNF101|K7ENV8
20363 SLC14A1|G3K397 PEX12|A0A075B773
20364 VAX2|Q9UIW0 RBM48|C9J787
20365 ATF1|P18846 GSN|Q5T0I0
20366 VDAC3|E5RFL1 PI4KB|Q9UBF8
20367 MICA|M1Q4R4 KTN1|Q86UP2
20368 ROBO2|R4GMM8 CAPNS1|P04632
20369 UGT1A9|A9UKF7 HLA-C|V5NXS2
20370 IKZF3|Q9UKT9 BIRC3|Q13489
20371 CD79A|P11912 XYLT2|A0A0C4DFW8
20372 CD3E|P07766 TNNT2|A0A024R953
20373 HCR|A9XA73 GRSF1|H0Y8R1
20374 HLA-A|D5FHG3 KLHL38|Q2WGGJ6
20375 Pax9|Q2L4T1 PSMD3|O43242
20376 ZNF470|M0R0Q6 CYTB|D7SFE9
20377 NEK6|Q5TBG7 HLA-B|D4HPA9
20378 PIK3R2|Q96EV4 EP3-I|Q5CZ57
20379 CYTB|B8X6H3 DAO|A0A024RBI1
20380 KDM4B|A0A0C4DFL8 KCTD17|B0QYB2
20381 RPS6KA2|X5D337 UGP2|C9JWG0
20382 ZMYND8|A6H8Y8 PDK4|Q16654
20383 WDR93|Q6P2C0 RIOK3|J3QLP4
20384 APEX2|E5KN95 ZDHHC20|B4DRN8
20385 HUS1|F8WAW9 HLA-A|I3UI55
20386 AANAT|Q16613 FBX022|Q8NEZ5
20387 ANLN|A0A024RA49 COX3|Q5XZI2
20388 LIMA1|Q9UHB6 ND1|F2WIH1
20389 ALDH2|Q9UN17 BRDG1|A0A024RD91
20390 MICALL1|B0QY91 dopamine|Q99586
20391 HLA-C|M9P8M2 PBLD|A0A0C4DFS0
20392 CYTB|Q7Y757 CDKN1C|B2D1N3
20393 HTR4|E5RK45 ATXN3|D3VVS1
20394 FUT7|Q11130 BRCA1|K4JWE8
20395 UGT1A9|Q5DSZ5 YWHAQ|P27348
20396 LGALS4|Q6FHZ4 RGP1|Q92546
20397 ATP2A3|A0A0C4DGN1 PRDM9|U5YS13
20398 DUSP14|O95147 PRKCE|Q02156
20399 CTHRC1|Q96CG8 ABHD2|A0A024RC89
20400 CCL2|P13500 ZNF366|Q0VAH5

20401	HLA-C Q30194	HLA-DQB1 R4QGI8
20402	ESR1 C0L927	DPH6 Q7L8W6
20403	KIAA1244 B5MDV5	HLA-C V5NVV3
20404	CYP1A2 P05177	RPP14 P86397
20405	SMC1A Q68EN4	COX1 T1Q4Y6
20406	ANKIB1 H7C2V2	GGA1 B0QYS0
20407	F8 Q003W2	UTY F4MHI8
20408	CD74 H0YBZ8	EPB41 P11171
20409	FUT6 E9PS22	PRICKLE1 F8W1Q8
20410	DNAJB11 Q9UBS4	IARS2 Q9NSE4
20411	ATP6 F2WG57	ND4L H9E7R6
20412	F9 Q19UG6	HLA-C G1EQ78
20413	APC Q4LE70	TMPRSS4 G3V124
20414	KLK13 M0R218	HLA-C A0A0A7C6E8
20415	COX3 Q4ZED2	CDH8 X6R3Y6
20416	RHOC Q5JR06	HLA-C D7NP21
20417	DKFZp686J1593 Q7Z3R3	HLA-C H2DMK2
20418	CHD9 B7ZML1	LINGO1 Q96FE5
20419	KLRF1 Q9NZS2	DHTKD1 C9JWN1
20420	LAMTOR1 F5GX19	RGL4 B5MCW5
20421	GDF8 A1C2G8	GTF2A1 J3KNC0
20422	DNTTIP1 Q9H147	ZNF589 B4DQF9
20423	RPL14 A0PJ62	KCNMB3 Q9NPA1
20424	IL18 B0YJ28	SLC26A4 Q75MC7
20425	HLA-C C7C4Z5	ND4 W0C568
20426	RPH3A F8W1A3	WDR27 A2RRH5
20427	CCDC78 A2IDD5	RUFY2 H0YD93
20428	NUP214 P35658	NR2E1 Q9Y466
20429	TBX6 X5D304	ATP8 A0A059RQV9
20430	ARFGF2 Q9Y6D5	GTF3C2 Q8WUA4
20431	STK38L I3L0D0	HIG-1 Q86WA0
20432	KRAS P01116	NAT1 Q9HAQ5
20433	ND5 D7P652	PITX3 A0A0B5HP44
20434	TPH2 B3VS55	HLA-DRB5 Q3LTJ2
20435	HLA-G Q6DU14	VIPR1 P32241
20436	PTPN4 Q580X3	MECOM Q03112
20437	CDH11 P55287	PNLIP P16233
20438	CAPN1 E9PLC9	PAPOLA A0A0C4DGK1
20439	RNF181 C9J1C6	SH3BGRL3 Q9H299
20440	HLA-C E0YTP0	NAV3 H0YHA8
20441	GPX4 A0A0A0MTT1	SLTM A0A024R5X3
20442	ARPP21 H7C0P9	ND2 H9R0Q7
20443	SLC11A2 F8W1F2	DKFZp686E22155 Q7Z354
20444	UBE2D1 P51668	DPAGT1 Q9H3H5
20445	MAP3K13 O43283	UMOD I3L4Y6
20446	HLA-B C9WEN6	CEP57 A0A024R3A1
20447	ND1 A7XSP6	cytb A7LDE8
20448	TTLL10 Q6ZVT0	RPL29 F8WF43
20449	HLA-DRB1 A0A0A7C589	B3GALT6 Q96L58
20450	ZNF521 Q96K83	MORC3 A2RU29
20451	SCNN1A J3KPV6	FFAR3 B0M0K0
20452	ND5 R9YAG1	CYTB D7NM63
20453	ND4 A0A059QQ89	EEF1A1 Q6IPT9
20454	ND5 E7E3Z1	ND3 A0A059QG38
20455	EIF2AK3 Q9NZJ5	HLA-DRB5 A0A024F8S6
20456	RNASE8 H2FJY7	SULT1C2 H7C420
20457	LETM1 D3DVQ1	SLC44A5 Q8NCS7
20458	IGSF1 Q8N6C5	ZNF521 Q96K83
20459	HLA-G Q6B845	ND3 A0A059RUH5
20460	NECTIN3 C9J795	MED11 U4PP31
20461	HOMER1 Q86YM7	BARD1 F8WCG2
20462	HLA-C G1EQG0	SHROOM1 A6NN40
20463	GLP2R E9PC86	SLC4A3 P48751
20464	RCHY1 G3FDP4	MAP3K6 H0Y894
20465	UMPS B5LY70	HMG2 F5H6H0
20466	ALK B6D4Y2	KRT78 Q8N1N4
20467	SEC14L4 B2RMR2	HLA-C A0A0A7C979
20468	CYTB A6Z025	HLA-DPB1 X5LU29

20469 HIST1H2AH|Q96KK5 SMAD4|K7EIJ2
 20470 AIM2|O14862 KTN1|G3V5P0
 20471 ELA2A|Q6ISU5 SLC14A2|Q15849
 20472 HLA-A|L7PHU7 HLA-C|H2BEA0
 20473 FOXE3|A0A0B5IYA5 SAE1|M0QYM8
 20474 PLEKHF2|Q9H8W4 CACNA1D|Q01668
 20475 SPNS1|Q9H2V7 LM06|A0A024QYW5
 20476 HLA-DQB1|A0A0A7C746 PCK2|Q6IB91
 20477 COX2|H9RJL3 HLA-C|X5MI27
 20478 FGFR4|H0Y9P2 USP17L11|A0A087WTA0
 20479 USF2|Q15853 HLA-C|H2BE93
 20480 KRT84|Q9NSB2 ZNF649|M0R1B1
 20481 BRCA1|G3XAC3 IL3|Q6NZ79
 20482 CD207|Q9UJ71 PPARG|D2KUA6
 20483 PGPEP1|Q05C87 SNX3|O60493
 20484 RNF168|F8WD60 IQSEC1|A0A087WWK8
 20485 DNA|Q6LBJ9 cytb|Q5MBF0
 20486 SERPINB5|C9JLM5 GFM1|E5KND5
 20487 AID|Q8NFC5 HLA-B|B3V8R0
 20488 ND1|A0A0C5B383 SLC02B1|A0A0A0MTF1
 20489 BRF1|F8VS45 C1GALT1|C9JDX1
 20490 DYX1C1|Q8WXU2 SETD1A|C9J2Z9
 20491 SMNDC1|O75940 S100A7L2|Q5SY68
 20492 AGR2|Q4JM46 NUDT5|A6NJU6
 20493 AR|P10275 HLA-C|D6MKT5
 20494 HBB|P68871 ND5|Q4F5X8
 20495 PITX3|A0A0C5G2Q9 EPB41L1|X6RC15
 20496 COX1|A0A059QFN5 RGS9|Q4QRI4
 20497 FNTA|P49354 MTBP|Q96DY7
 20498 ACTA2|D2JYH4 AAGAB|Q6PD74
 20499 ZKSCAN1|B3KRF7 GPR132|Q9UNW8
 20500 FRK|P42685 POLD1|M0QXQ2
 20501 SLC1A6|M0R063 NELFE|A0A0A0MSN9
 20502 HLA-A|E3WH33 ZNF860|A6NHJ4
 20503 SNX1|H0YK58 ATXN3|D3VVJ2
 20504 TBC1D15|Q8TC07 DKFZp779M0222|Q68DS2
 20505 ST6GALNAC4|A8K7N4 BCAM|P50895
 20506 HLA-A|S5CFC3 ARL10|Q8N8L6
 20507 TP53|E9PFT5 IVD|H0YLC3
 20508 IDUA|P35475 LYST|Q99698
 20509 PAK6|A0A024R9Q4 ACSM5|I3L536
 20510 MTDH|A0A024R9D2 DKFZp434A091|Q9UG55
 20511 SLC38A5|Q8WUX1 FOXP1|A0A0B4J2F3
 20512 CPQ|Q9Y646 CNTNAP2|Q86UJ1
 20513 WEE2|H7C5P0 SLC43A1|A0A024R4Y3
 20514 CTDSPL|H7C2S4 CYTB|H9NRP1
 20515 CLTB|D6RJD1 ANXA2|H0YMD9
 20516 RSL1D1|A0PJ87 BARD1|A0A087X0C6
 20517 NMD3|Q96D46 ND5|Q85KU7
 20518 FOXI1|E0XEY9 MAOB|Q8TBI1
 20519 ANXA2|H0YKS4 HLA-DRB1|A0A098CM30
 20520 HMMR|E5RI30 HLA-G|Q68YR9
 20521 HDHD3|Q9BSH5 MSR3|F5H7C4
 20522 ND1|D7P9J3 CAMTA2|I3L3W6
 20523 POLK|A0A024RAP4 FLOT1|O75955
 20524 P2RX4|F5H1M6 HLA-DRB1|G9HRM4
 20525 SGCB|H0Y8J3 RPS3|E9PL09
 20526 CENPQ|Q7L2Z9 HTR2B|B3VRD0
 20527 CD93|Q8IXK1 TGM7|Q96PF1
 20528 COI|U3M9R0 SYNE2|G3V3D4
 20529 ATP6|H9LL75 HLA-C|V5NSX3
 20530 HNRNPR|O43390 ASS|Q5T6L4
 20531 FRS2|F8VX65 FBL|M0R2B0
 20532 NTRK1|J3KP20 CD14|F1C4A7
 20533 HLA-DPB1|A0A0A7C8Q0 SMARCA4|P51532
 20534 TENM3|Q9P273 LRRC45|Q96CN5
 20535 SLC04C1|Q6ZQN7 ADRM1|Q16186
 20536 ND4|C7B389 KIF12|R4GN27

20537 UNC119B|A6NIH7 NADH5|Q4GE79
 20538 CHRNA2|E5RK67 OR4K15|Q8NH41
 20539 AKAP13|H0YMI5 CYTB|I6QF59
 20540 ALK|Q9UM73 PTGR1|F6XGT7
 20541 DAZ2|E9PBY2 SCAP|C9JQ35
 20542 PTC|Q86UK4 PRKAB1|A0A024RBN1
 20543 ARHGAP25|B7Z8K7 NDUFS7|F5H5N1
 20544 RAB1C|Q92928 CDKN1B|H7C2T1
 20545 PARK2|D3JZW5 SCAMP2|H3BN93
 20546 POU2F1|A0A024R8Y2 ND1|A0A023QXG8
 20547 HLA-C|A0A0B7NRX1 PSPH|C9JEJ7
 20548 CST5|P28325 FXYD6|E9PJ02
 20549 ATP6|A0S2V8 HLA-DRB1|Q19K82
 20550 CCDC17|Q96LX7 PKM2|A0A024R5Z9
 20551 COX3|A6Z9S0 PHF20L1|F8W9L8
 20552 ZFP62|Q8NB50 ZBTB48|P10074
 20553 GFOD1|Q9NXC2 CYTB|A0A0A0QN56
 20554 FKBP8|M0R1S6 HLA-A|K9LC07
 20555 ATP6|C9D5C7 SCAND1|H0UIA5
 20556 MYL6|G3V1V0 CIB4|A0PJX0
 20557 NADH1|Q4GCQ6 CCR5|Q5EKM8
 20558 ALDOA|H3BUH7 UQCRC2|H3BSJ9
 20559 HEL-S-25|V9HW40 PCOTH|Q58A44
 20560 HLA-B|D1FXG9 PCYT1A|H7C1T3
 20561 CHRDI|E7ESX1 PIWIL4|Q7Z3Z4
 20562 KCNK10|G3V5Y5 CUL3|Q53S54
 20563 ALDH3A1|A8MYB8 CCR5|A0A089G6S9
 20564 BRIP1|J3QSE8 ARFIP1|P53367
 20565 ZMIZ1|Q9ULJ6 ABCB4|A7J1Q6
 20566 STXBP4|Q6ZWJ1 RBP5|A0A0B4J233
 20567 ARHGEF9|A0A096LPI8 PDE6B|P35913
 20568 LOC101930165|A0A0B4J2C8 UBE2D3|D6RA11
 20569 PHACTR2|F6TH74 HLA-C|C5IZY5
 20570 GIT1|Q9Y2X7 ZCCHC6|Q5VYS8
 20571 FTCD|Q49AR5 GLI4|P10075
 20572 BCL6|P41182 CCDC85B|Q15834
 20573 NKIRAS2|K7ELL8 CDC2|I6L9I5
 20574 CYBRD1|C9JML1 USP6-short|B9A6N0
 20575 GPX8|Q8TED1 HLA-DQB1|A0A0A7C9H7
 20576 SUCLA2|B7ZAF6 EFCAB6|B0QYI5
 20577 BARD1|C9IYG1 EPN2|O95208
 20578 OXSM|F8VNS3 ITPR2|F5GYT5
 20579 SPIC|Q8N5J4 CYTB|Q7YCC5
 20580 ANK2|H0Y8Y2 BHLHE41|Q8TAT1
 20581 RABL2A|A0AUYY0 BUB1B-PAK6|H3BTB9
 20582 hCG_39985|Q08ET0 CYTB|B5B695
 20583 CETP|P11597 SMARCA4|Q9HBD4
 20584 INS|A6XGL2 cytb|Q4GJV3
 20585 CTBP2|P56545 CTSB|E9PKT6
 20586 PDCD2|F5H4V9 CSNK2A3|Q8NEV1
 20587 UMOD|P07911 WNK1|Q9H4A3
 20588 ND6|G9LCN7 SLC16A5|J3QQW5
 20589 GATA4|R4GND5 HLA-B|D4HPB5
 20590 CDX1|Q4VAU3 ATP6|A0A059RPU4
 20591 PRDM6|Q9NQX0 FAM127A|A6ZKI3
 20592 IL23R|B6VNT6 SSB|B5BUB5
 20593 NETO1|Q8TDF5 IGHMBP2|H3BRR1
 20594 SSBP1|Q567R6 ND4L|A0A059R3Y5
 20595 ACBD5|Q5T8E0 NR5A2|B6ZGU9
 20596 ATP1B3|P54709 SLC22A16|X6RE50
 20597 PHF8|Q5JPR8 TADA3|O75528
 20598 RNF31|H0YMN0 PPAPDC1A|Q5VZY2
 20599 ND3|G9LKB1 POLD2|F8W8R3
 20600 CCL2|P13500 ATP8B4|H0YLJ1
 20601 MIB2|F2Z2L2 SA|V9H1I0
 20602 HLA-C|R9QZB4 ATP13A3|Q9H7F0
 20603 CYTB|A0A097KTX2 COX3|A0A059QP57
 20604 SRRM4|V5T9A0 PTPN4|Q580X3

20605 SH3GL1|Q6FGM0 SOX2|A0A0B5HLA0
 20606 TCF7L2|E2GH16 DOC2A|A0A024R627
 20607 NDEL1|Q9GZM8 COX3|A0A059R5A7
 20608 ZNF559-ZNF177|S4R342 MGST1|P10620
 20609 PLS1|C9J359 ZNF226|K7ESM6
 20610 PBLD|P30039 NRP2|Q96GU8
 20611 DKFZp434G247|Q9NSX9 CAP1|Q5T0R7
 20612 ST6GALNAC5|F2Z2C8 PTPRO|A0A024RAS9
 20613 RABL3|F8WDC7 CLK4|A0A087WX74
 20614 HLA-C|S5DU01 KEL|P23276
 20615 WASP|Q2PAL5 TAOK2|Q6PIN8
 20616 F8|Q003V8 DPYD|Q12882
 20617 PSMC4|A8K2M0 MPP7|Q5T2T1
 20618 PLB1|B2RWP8 TSPAN2|O60636
 20619 COG2|Q14746 ECE1|E9PJG1
 20620 TRAF4|K7ER49 TAS2R5|Q502V5
 20621 PITX3|A0A0C5GCA6 POP4|K7ERD7
 20622 TENM3|D6RGC5 COX1|A0A059QEL3
 20623 KPNA3|O00505 ERCC1|K7EP14
 20624 LETMD1|F8VS60 COX1|E2FQV8
 20625 EXOC3L4|Q17RC7 BOP|Q7L3V2
 20626 HLA-C|A0A0A7C4V4 TRIM55|Q9BYV6
 20627 HECTD2|Q5U5R9 HLA-C|G1EQ41
 20628 ND3|A0A075X6J5 ND5|Q6VKL7
 20629 RBM17|Q96I25 COPG2|Q9UBF2
 20630 CA3|P07451 ND4|B2CB69
 20631 COX2|A0A097PX98 HLA-Cw|C7EW73
 20632 PIWIL3|E9PIP6 PDZRN3|B2RWP2
 20633 PSAP|C9JIZ6 ZNF669|Q5VT37
 20634 MTERF4|B4DFP7 ND5|H9R273
 20635 ND1|A0A075XDP0 CHD8|Q9HCK8
 20636 KCTD1|Q719H9 ATP1B2|P14415
 20637 CYBA|H3BNP7 GALK|D1MI96
 20638 SDPR|O95810 PPP1R12A|H0YIS3
 20639 COX3|H9Q2D8 HLA-A|D7NNQ6
 20640 CARM1|Q86X55 TRIM17|J3KQG0
 20641 RNASEH1|O60930 TENM3|D6RGC5
 20642 MAPKAPK3|B5BUJ8 MFAP4|P55083
 20643 ND5|B7TNG1 ZFHx2|Q9C0A1
 20644 SEPT6|Q541S4 RANBP1|D3DX26
 20645 SCAMP5|H3BNB3 GTF2E1|Q05DN6
 20646 ND1|R9Y2E6 FLJ20551|A0A024R2L5
 20647 PCDHGC4|Q9Y5F7 HLA-C|U5YC18
 20648 ND6|A0A0A0PMS4 ND3|C8Y8R4
 20649 SUCLG1|Q6IAL5 SLC16A1|P53985
 20650 RBMY1B|A6NDE4 HLA-C|C9E1H9
 20651 PACSIN3|A0A0C4DGG1 CIRBP|K7EQL0
 20652 CCKBR|E9PPL7 CEBPD|P49716
 20653 ZNF283|K7EPC6 RHD|B5MEI6
 20654 RABL2B|Q9UNT1 PRODH2|S4R3D8
 20655 CTCFL|V9GYX4 DTNBP1|Q96EV8
 20656 KIAA0101|G9G6D7 TYR03|Q06418
 20657 SETD8|Q9NQR1 ZMYM5|Q9UJ78
 20658 FABP4|E5RIR0 RAB11FIP5|Q9BXF6
 20659 TRIT1|Q3T7B4 KLLK10|W8GJG8
 20660 UBE2NL|Q5JXB2 WDR78|Q5VTH9
 20661 CALCRL|E7EN01 EZH1|K7EJU6
 20662 SCT|P09683 COX7A2|P14406
 20663 STRADB|C9JSU7 MTDH|H0YBE0
 20664 TMPRSS3|P57727 TMEM183A|Q8IXX5
 20665 NRP1|H0Y7Z2 ND5|G9LCR2
 20666 EXOC4|Q8TAR2 ATP6|H9NRA4
 20667 ND2|V9M6P5 SP2|Q9BRW5
 20668 MORC3|Q4VBZ9 PRPSAP1|A0A024R8M4
 20669 ND5|B8X5V0 PML|P29590
 20670 THOP1|K7EKB6 ND3|A0A096WY90
 20671 ABCC6|O95255 ND4|D2Y6X5
 20672 UPF3B|A0A087WYC8 ATP6|F2WGD5

20673 ATP1B3|C9JXZ1 CCNF|H3BUD3
 20674 RUNX1|X5CT71 HLA-A|I3QHR1
 20675 OR2A4|O95047 ARSD|H0YMY1
 20676 ND4L|A0A059RUQ3 VPS29|Q9UBQ0
 20677 ND2|Q6RPH6 ABCC3|Q86VN9
 20678 OSTC|Q9NRP0 SPP1|A0A024RDE6
 20679 CBY1|A0A087WUW0 ZBTB44|H0YCY0
 20680 ND4L|A0A023I8U4 CYTB|G5D7W8
 20681 LEMD2|A0A024RCZ1 ND5|E9NKP8
 20682 CYTB|A0A023Q797 SLIT2|X6R3P0
 20683 GEMIN4|E7EN12 PICALM|A0A024R5P1
 20684 SLC6A14|Q9UN76 TMEM8A|Q9HCN3
 20685 FLJ00322|Q6ZMK5 SLC25A22|E9PJY0
 20686 PITX3|A0A0B5HFD9 MOCS2|O96007
 20687 ENPP3|O14638 NME1-NME2|J3KPD9
 20688 DNAJC8|O75937 LCE2D|Q5TA82
 20689 SLC23A2|Q9UGH3 BACH1|O14867
 20690 DKFZp779G2251|Q7Z6E5 GGTLC1|Q9BX51
 20691 MTERFD3|A0A024RBL7 HLA-DRB1|C6L821
 20692 NFATC3|B5B2S3 ATP6|A6YVS8
 20693 EIF3H|E5RJT0 MTHFD1L|B7ZM99
 20694 NADH4L|B1W974 YARS2|Q9Y2Z4
 20695 PIF1|Q9H611 RHD|B5MEI6
 20696 CCR5|A0A089G6S3 UGT1A9|O60656
 20697 CREB3L1|E9PK33 RHAG|M5FJR4
 20698 BTK|Q3MS95 ABCB4|A7J1R4
 20699 CSAD|E9PFW9 NTRK3|X5DP84
 20700 HLA-C|G9HW52 FAAP20|Q6NZ36
 20701 NCAPD2|A0PJ76 ND3|C8XZ47
 20702 UPF3A|A0A024RE10 ND5|A6ZFH1
 20703 COL4A6|A8MXH5 KIFC3|Q9BVG8
 20704 NME8|Q8N427 HLA-C|M9P9J4
 20705 FBXW11|Q9UKB1 TRH|P20396
 20706 HLA-C|E0WBW6 TMEM126B|Q8IUX1
 20707 FGF20|Q9NP95 OR1Q1|Q15612
 20708 TSSK1B|Q9BXA7 LAT|C7C5T8
 20709 NIPAL4|Q0D2K0 LAMA4|A0A0A0MTC7
 20710 ATP6V0A2|F5GX48 DKFZp686G18136|Q6N0B2
 20711 ZNF330|D6R9Q8 TRIM45|Q5T2K3
 20712 SASS6|Q6UVJ0 PLD1|H7C0L3
 20713 ARSE|F5H324 TLR5|D1CS79
 20714 RAD51|E9PI54 HLA-C|L0BXN9
 20715 LGMN|G3V4P5 RPS11|M0R1H5
 20716 HNRNPM|M0R2T0 COX1|H9NQR9
 20717 CDKN2C|Q9P1T2 NCAPH2|Q6IBW4
 20718 FLJ00120|Q8TES3 ZNF84|P51523
 20719 ATXN3|D3VVD4 SPATA13|E9PFR9
 20720 THBS1|P07996 SLC16A3|J3QLE3
 20721 TRIM5|Q05CU3 UTY|F4MHR7
 20722 ZNF142|H7C414 RAPGEF3|H0YHS2
 20723 COX1|A0A059S7W0 HBA2|G3V1N2
 20724 MT01|E7EWX0 NBAS|G1UI26
 20725 SGSH|I3L207 PAK4|M0R1R1
 20726 DRD1|Q6FH34 ERLIN2|E5RHW4
 20727 HLA-B|M4QFU4 DKFZp666M039|Q658Q3
 20728 GAL3ST4|Q96RP7 HPCAL1|C9JW46
 20729 ATP6|D7PAH3 SMN1|I3QJX8
 20730 HLA-C|D6MJ14 HLA-A|M1SQ14
 20731 ATP6|H9P4K8 GLRA1|P23415
 20732 CDH12|P55289 TREM2|Q5TCX1
 20733 PSG|Q16502 HLA-C|U5YCG2
 20734 VASN|Q6EMK4 CYTB|Q15HD1
 20735 ADGRG3|F8W8F7 STK17B|O94768
 20736 RPGR|Q92834 SLC27A3|H0YDP0
 20737 HLA-C|G0ZMK8 GGN|K7EJI6
 20738 FKBP5|Q2TA84 MSX1|E9KXV3
 20739 CXCL5|P42830 RPE|F8WBT4
 20740 COX3|A0A068C1X3 HLA-DQB1|A0A0A7C8C0

20741 SLC22A3|075751 MLH1|H0Y793
 20742 TRIM59|C9J9F0 NDUFAF6|H7C250
 20743 ATP2A1|H3BTW4 EMR2|Q9UHX3
 20744 GTPBP4|D2CFK9 ETNPPL|E7ENR6
 20745 HLA-C|A0A0A7C4S0 DNAH11|Q96DT5
 20746 DVL1|O14640 COX3|Q4ZED2
 20747 SH3GL3|H3BRH8 CYTB|U5Z1X2
 20748 ND5|A3R0P4 CANX|D6RDP7
 20749 DLG3|Q92796 ZNF250|E9PL28
 20750 ACSS2|Q96FY7 SEPT3|Q9UH03
 20751 Hosa(Biaka)-T2R55|Q50KD4 KRTAP10-7|P60409
 20752 MAGI3|A0A024R0H3 ZNF2|A0A087WYR5
 20753 CSRP1|E9PS42 CDSN|Q15517
 20754 RHD|T2DL93 MAPKAPK5|R4GN33
 20755 ABLIM3|A0A0C4DGA7 ATP6|Q0ZFE3
 20756 cytb|B5LMK0 SIPA1L3|B2RWP0
 20757 SORCS3|Q9UPU3 HLA-C|F2X643
 20758 IL1RAP|H7C3W4 USP40|Q9NVE5
 20759 RBMS1|E7EPF2 SLC48A1|F8VXV4
 20760 HNRNPA1L2|Q32P51 MAP7D1|Q3KQU3
 20761 ESR1|B6DU70 HLA-DR15|G1EMW0
 20762 CCAR2|H0YB24 IL6|B5MC21
 20763 CRTC2|Q53ET0 UTY|E1U1M3
 20764 HLA-C|A0A0A7C7T0 HLA-Cw|Q6ZYB9
 20765 HLA-A|F8SWL5 ATP8|Q7YCG7
 20766 ND1|C7DRQ5 FBXL7|Q9UJT9
 20767 BRPF1|P55201 ATL1|L8B8F6
 20768 PGM2|E7ENQ8 ATPase|B9EG24
 20769 NADH5|Q4GF15 STAT2|R9QF99
 20770 ATP6|Q8WCW5 CMC1|Q7Z7K0
 20771 PICALM|A0A024R5P1 TLE3|H0YL70
 20772 SNAPC5|H3BSI3 HLA-B|O78140
 20773 FUT5|Q11128 TERT|Q9UNR4
 20774 CFI|Q8WW88 MNDA|P41218
 20775 TRIM59|C9JNB9 NAT9|J3QSG9
 20776 CYTB|Q5XT25 AJUBA|G3V481
 20777 SNTG1|E5RHN6 ESR1|B6DU68
 20778 ND5|A0A096WP35 GPS1|J3KSA5
 20779 CKMT1B|F8WFC7 ATXN3|D3VVK8
 20780 HLA-C|M9PAC3 ALG12|H7C4I6
 20781 MAP7D1|Q6NX58 TMEM113|A0A024R333
 20782 HLA-C|M9P8K5 SPNS1|Q9H2V7
 20783 ARHGEF3|E7EU49 STAG3L1|Q7L1H2
 20784 TRMT2B|Q96GJ1 HLA-DPB1|A0A0A7CA84
 20785 CDC25A|C9JFR5 FABP2|P12104
 20786 NFKB1|D6RC45 ND1|H9MS34
 20787 ATP6|A0S0T0 GATA1|P15976
 20788 HLA-DQB1|A0A059XNA8 DDB1|F5GY55
 20789 ND3|G5D8J7 ATP6|F1B7N7
 20790 FPGT|H0YDF0 PSPC1|A0A024RDP4
 20791 ATP5G1|Q6FIH7 GPR39|A4FVA5
 20792 C12orf50|Q8NA57 FZD6|G5EA13
 20793 HHEX|Q03014 RPLP2|P05387
 20794 SLC10A4|Q96EP9 COX1|H9PJ2
 20795 HLA-C|C9WER3 HLA-DR15|E3SWP4
 20796 TLR2|C6KIA6 MAP2K2|G5E9C7
 20797 PAX5|E7EQT0 VPS13D|Q5THJ4
 20798 ZNF770|H0YM59 CLEC6A|Q6EIG7
 20799 TSPYL2|J3KST2 MTAP|Q13126
 20800 PKN1|K7EM57 CRMP1|X5DNI1
 20801 HLA-C|C0KJX8 LRRTM4|Q86VH4
 20802 RBMS2|Q15434 HERC6|Q8IVU3
 20803 GABRA6|Q16445 fgf|Q6LBM3
 20804 ENO2|P09104 ABCD4|A0A024R6C6
 20805 PPARG|P37231 DLG5|Q8TDM6
 20806 IRS2|Q96RG4 CYTB|H9SH08
 20807 REG4|Q9BYZ8 TSEN34|E7EQB3
 20808 CYTB|B2Y8L2 HLA-C|F4YU84

20809 HLA-C|I6TEZ2 DSG1|Q02413
 20810 ACAT1|E9PKF3 NCOR2|A0A024RBU9
 20811 OR5A1|Q8NGJ0 PPM1F|C9JL74
 20812 HLA-B|Q29677 HARS2|B4DQ67
 20813 ZNF91|Q05481 NDUFAF5|B3KR61
 20814 HLA-C|U5YES2 RIMS3|Q9UJD0
 20815 DKFZp781H1314|Q68DB0 TMEM185A|Q8NFB2
 20816 ADPRHL2|Q9NX46 TBX3|A0A024RBL6
 20817 ND5|B2MZA0 DYNC1I2|Q13409
 20818 FHL2|I0CE67 PPP4C|P60510
 20819 SLC22A11|A6NCG2 DDX49|M0QZC0
 20820 ACAT2|Q9BWD1 DEDD2|Q8WXF8
 20821 COX3|Q85L04 C8orf36|A0A024R9J6
 20822 RAB7L1|O14966 CPA1|C9JUJ4
 20823 CDK1|A0A087WZZ9 ASF1B|K7EM93
 20824 UGT1A5|F5HPU6 PUS1|F5H168
 20825 PHF7|A0A024R336 JDP2|A0A024R6D7
 20826 HLA-B|G1EPQ0 XAF1|C9J7Z8
 20827 GUCY1B3|E9PCN2 HLA-C|H2BE94
 20828 MDM2|A0A0A8K9H4 DGKD|A0A024R495
 20829 FOXP3|A0A0C4DFW6 SRPR|A0A024R3M0
 20830 ARL16|Q0P5N6 CARS|A0A024RCG3
 20831 STAC3|A0A024RB38 CTRL|I3NI28
 20832 ZFP106|A0A024R9R5 HLA-C|E0X9K6
 20833 MBD6|H0YHD1 ADCK4|Q96D53
 20834 ZNF33A|A0A0A0MRS1 TATDN3|E9PP81
 20835 DOK2|O60496 CD69|Q07108
 20836 HLA-C|F4YU75 PMS2|A5YRY4
 20837 HLA-DPB1|S6B6U4 ATP8|G9LL05
 20838 TNFAIP6|P98066 NOL8|F5GWN9
 20839 NLRP8|Q86W28 ND1|B2D481
 20840 EIF5|Q32Q19 CAPN3|Q762C6
 20841 ETFA|H0YK49 HLA-Cw|E9NVG5
 20842 CCDC28B|Q9BUN5 HLA-A|D7NQU0
 20843 PANX2|Q96RD6 HLA-C|G1EMQ3
 20844 SHKBP1|M0R2P6 SNRNP200|A4FU77
 20845 MSH2|Q53RU4 PLN|P26678
 20846 BCAT2|M0QXF9 ATP6V0A2|F5GX48
 20847 TSTA3|Q13630 COX2|K7X9X2
 20848 NRG1|Q02297 SNRPA|M0QXK2
 20849 KIF5B-RET(NM_020975)_K16;R12|M1VE89 SYT3|A0A024R4I9
 20850 EIF2AK4|Q9P2K8 MSH5|A0A024RCV8
 20851 ZCCHC14|Q8WYQ9 RHAG|A0A087WZZ4
 20852 FHIT|A0A024R366 RBBP8|I6L8A6
 20853 B3GALNT1|O75752 HLA-DRB1|V5J9Z3
 20854 PABPC1|H0YC10 RAB30|E9PJQ5
 20855 EIF3S2|Q5U0F4 KCTD10|Q9H3F6
 20856 ATG4B|H7C2A6 MYO1C|D3DTH7
 20857 RHCE|J9ZZ64 ZBTB49|D6RC96
 20858 ND2|F2WIJ8 TBXAS1|F8WC80
 20859 CYP11B1|P15538 FUT3|K7EQ20
 20860 LMOD1|P29536 ARSK|E9PGI0
 20861 FPGT|O14772 SASS6|Q6UVJ0
 20862 TNXA|Q16473 EYA2|O00167
 20863 HLA-C|M9XL14 C9orf116|Q5BN46
 20864 ND6|A6ZBM4 WRNIP1|Q96S55
 20865 TCP1|F5GZ03 UCP2|A0A024R5N5
 20866 ESR1|C0LJA8 COX1|B8X5P0
 20867 UTY|F4MHC4 GFER|H3BRD2
 20868 ND3|A0A059RNS3 ND1|A0A023QR60
 20869 ZNF726|J3KNQ9 ND1|J7EXJ5
 20870 CDK4|F8VZ51 ADAM17|Q53RF5
 20871 ND2|H9PEH5 BCHE|F8WF14
 20872 GHRHR|Q02643 LIMS2|A0A024RAH1
 20873 ODZ3|G3CAS9 INCENP|Q9NQS7
 20874 GJA8|A0A097IW94 ELM02|Q5JW01
 20875 NOV|B3FHX2 ILF3|A0A024R7C7
 20876 THRAP3|Q6PJV4 ATP6|E9NJY3

20877	BCL2L13 B2RB43	TRPM4 M0R0H1
20878	ND5 I6N513	HLA-DQB1 E7BCL4
20879	tre Q1K9C9	AR8 G4VV16
20880	ZSCAN9 U3KQV4	WNK1 A5XE9
20881	EIF5 H0YM54	COX2 B2XPS3
20882	SNX8 C9JCB9	GPD2 E7EM56
20883	MTHFD1 V9GY75	HLA-A G1EPB6
20884	XIAP P98170	MORF4L1 H0YLV1
20885	TIMM22 Q9Y584	FLJ00369 Q8NF33
20886	HLA-A F4YZT0	UBE2J1 Q9Y385
20887	PRKAB2 X5D9J1	ZNHIT3 Q15649
20888	ARL4A P40617	COX1 A0A059QL41
20889	CYB5RL E9PMD3	ACBD5 Q5T8E0
20890	HLA-C F1CCI7	CCAR2 H0YB24
20891	ARFIP1 B4E273	PIK3R5 J3KT66
20892	OR10G9 Q8NGN4	PPT2 A0A024RCQ8
20893	SIRT6 Q8N6T7	RASSF1 Q17RX7
20894	ZNF277 Q8WWA6	HLA-B A0A097ZQV5
20895	SLC25A24 H3BMI3	DKFZp547L059 Q8TCM0
20896	ARHGEF26 Q96DR7	CETN3 H0YBL5
20897	PURA Q56A79	COX1 A0A059RPG4
20898	CLEC6A Q6EIG7	WNT8A D6RF94
20899	NAP1L4 H0YCI4	HLA-C G9HW52
20900	CYTB D2Y6T0	NOVA2 M0R1A0
20901	RUNX2 I3L0L0	SREBF1 X6RBE4
20902	OR51B4 Q9Y5P0	DLST Q86TQ8
20903	COX2 U3L556	PITPNB A0A0A0MSW4
20904	THBD P07204	ND5 A0A023QSL8
20905	EIF2S1 P05198	CRISPLD1 Q9H336
20906	AIP O00170	AZIN1 U3KQI8
20907	NARS O43776	BCAR1 D3DUK1
20908	RQCD1 D5MQE1	ND2 A0A059S383
20909	TNKS H0YAW5	SNX11 J3QKV3
20910	TLR2 D2JYJ0	POTEE Q6S8J3
20911	GTF2H1 E9PM51	ZNF430 M0QXG3
20912	SYBU B7Z4D2	LNP Q9C0E8
20913	HLA-A G1EP50	SERAC1 Q96JX3
20914	FGFR1 B5A958	GALNT12 Q68VJ1
20915	ZDHC12 Q96GR4	HLA-A F2VNH2
20916	CYTB D7NM63	HLA-DPB1 A0A0A7C8C3
20917	SLC14A1 J7FH15	UTP15 Q8TED0
20918	RHN01 F5H795	ND4 H9QH13
20919	RhIVb(J) Q7Z594	ND2 A0A023ZT78
20920	TUBA1A F8VRZ4	HLA-A D3YN68
20921	NRG1 Q7RTV8	HLA-A E2GJE3
20922	HLA-C J7F665	MARS H0YI94
20923	HLA-DQB1 F8LFY1	PEX26T131C Q2PEF9
20924	TXNL1 O43396	ZNF846 K7ELQ5
20925	DKFZp667P103 Q69YM5	GLP2R E9PC86
20926	MORF/CBP Q9BYU3	ABCA8 K7ELK9
20927	ZNF214 Q9UL59	RGL3 Q3MIN7
20928	NPAS3 F8VS42	RHD T2LKG5
20929	MESP2 Q0VG99	SUPV3L1 Q8IYB8
20930	ZFAND4 Q86XD8	HLA-C U3MLI1
20931	CCDC8 Q9H0W5	DNAJA2 O60884
20932	SMAD3 H0YKE2	KRT36 O76013
20933	RNF4 P78317	RBMS1 E7ETU5
20934	RBP1 P09455	GGN Q86UU5
20935	ADCY4 Q96KY6	TRPM8 A0A0A0MSV2
20936	ANKS1A Q92625	CYTB C8Y0Y9
20937	RAD23A P54725	CIITA Q29704
20938	TAS2R42 Q7RTR8	TGFB1 B2C8Z3
20939	IST1 P53990	NMT1 K7EN82
20940	COX1 A0A068C3I7	NR1I3 Q14994
20941	CKMT1A F8WDP9	ND1 D9MZQ8
20942	HLA-DPB1 A0A0A7C6I5	FMN1 Q68DA7
20943	HLA-B C0L073	HLA-C G1ENQ7
20944	NLRP3 Q96P20	COX2 I2E7Z7

20945 PIKFYVE|C9JL08 ND5|D2KR88
 20946 HLA-A|A0A0A7C8N8 CYTB|D6N720
 20947 GNA15|P30679 SLC34A1|A0A024R7R9
 20948 ZBTB21|Q9ULJ3 BMP6|A4FU97
 20949 SSRP1|A0A024R4Z6 PICALM|E9PK13
 20950 ND5|A6ZFS5 CTSH|Q6IBC3
 20951 HMGCL|H0Y2L7 RUNX2|Q32MY8
 20952 KCNC1|Q3KNS8 ND5|A0A059S9U8
 20953 HBS1L|D9YZV0 ZBED3|Q96IU2
 20954 ALR|Q9H2X5 LOC389604|A4D225
 20955 JOSD2|A0A024R4G2 DDI2|Q5TDH0
 20956 AK7|G3V365 UTX|Q590H7
 20957 PITPNC1|A0A0C4DGP0 FAM46B|Q96A09
 20958 BCL2L13|A0A087WX97 CYP4F11|Q9HBI6
 20959 HLA-DR15|G1EMW2 CCB1|A8K563
 20960 CYTB|V9JHK6 COMMD9|Q9P000
 20961 PF4|P02776 HELLS|Q6I7N8
 20962 TRDN|Q05C44 RHCE|A0A0B5JJ59
 20963 BRUNOL6|B3KWE6 FLJ00185|Q8TEK9
 20964 PHF5A|A0A024R1U2 KLF3|A0A024R9T8
 20965 TNKS|H0YAW5 GSN|Q5T0I0
 20966 GATA6|Q92908 CASC3|J3KSY7
 20967 ATXN3|D3VVM5 POLR2H|C9JLU1
 20968 SULT1C4|Q6PD90 ZFAND2B|E9PFU9
 20969 FOXO4|P98177 MND1|Q9BWT6
 20970 BEND6|Q5SZJ8 HNF1A|U3KQS6
 20971 SDCCAG8|S4R323 POLE|F5H1D6
 20972 HLA-C|A0A060VG53 PDE4D|Q08499
 20973 BRPF3|E9PSF3 CYTB|V5JKF4
 20974 COX1|B2XEY0 TBCK|H0Y959
 20975 FBX07|Q9Y3I1 SATL1|Q86VE3
 20976 CACNG4|A0A024R8J8 HLA-B|C0KZ89
 20977 PRSS33|Q8NF86 TAF5L|O75529
 20978 OXCT2|Q6INA3 MED4|U4PSC4
 20979 HSPE1|A0A024R3X7 PALLD|H0YA05
 20980 PAQR3|Q6TCH7 PARP14|Q460N5
 20981 TME68|E5RJN2 PYCRL|Q53H96
 20982 IL1A|P01583 ZNF181|M0R074
 20983 TSC22D3|E7EWD5 PAPD5|E9PC61
 20984 GJA4|P35212 KCNJ15|F8VX74
 20985 RhCE|K9JII17 HOXC9|A0A024RAZ6
 20986 ND4|C8Y7K0 SREK1|Q8WXA9
 20987 ND5|F1B5I2 GAPVD1|C9IZ08
 20988 FKBP5|Q2TA84 ATPAF1|H0YCA6
 20989 LTC4S|Q16873 CPEB2|J3KN18
 20990 LY96|Q9Y6Y9 ZNF226|K7ELM4
 20991 DAPK1|F8WCQ3 ITGB7|H3BRX4
 20992 PTPN3|P26045 PCBD|Q6FGB3
 20993 CA1|E5RGU8 LTBP1|E7EV71
 20994 cytb|Q4GEU8 ND2|H9M4E2
 20995 GCK|M4Q000 CYTB|L7XI03
 20996 PLPPR4|W4VSQ3 PACSIN3|E9PIY1
 20997 FLII|J3KS54 MYB|E9PJF1
 20998 CTNND2|Q9UQB3 ZNF208|O43345
 20999 TYRP1|E7EQI3 FBXW5|Q969U6
 21000 SLC6A4|B3VRV0 GAL3ST1|C9K037
 21001 THPO|P40225 ATP6|U3L3I1
 21002 RPH3A|Q6PJY8 ZNF148|Q12900
 21003 HLA-C|A0A0A7C4S0 TRIM32|A0A024R843
 21004 MYH7|A8CLN2 NIPAL3|Q6P499
 21005 BLK|E9PJX5 MMP20|O60882
 21006 TTK|D6REX1 CYTB|Q4F250
 21007 ENG|P17813 MYO1B|C9JUP5
 21008 HLA-C|D6ML75 PHLPP2|I3L187
 21009 SYT3|A0A024R4I9 APOC3|B0YIW2
 21010 TGFBR1|B4DY26 ND5|J7HPX5
 21011 ADFP|Q6FHZ7 VIM|Q5JVS8
 21012 ZNF205|O95201 SRP72|R4GNC1

21013	SEPT2 C9JB25	ATXN3 G3V4F5	
21014	ZNF546 M0R292	ZNF277 G5E9M4	
21015	BCS1L C9J8G3	FOXC1 Q12948	
21016	SYNJ2 H0YEV8	FANCD2 A0A024R2G2	
21017	RAB41 Q5JT25	ETFDH Q16134	
21018	DPAGT1 A0A024R3H8	RBM4 J3QRR5	
21019	MED9 Q9NWA0	COX2 E5E1A6	
21020	RAET1E Q3T1D4	HLA-B Q2I2T0	
21021	ADHFE1 A0A024R805	HLA-C G9HW93	
21022	ZNF174 I3L2H2	DNAJC3 A8KA82	
21023	MAGEA12 Q6FHH8	HLA-C G0ZML4	
21024	MYL5 D6RA88	DEPDC7 Q96QD5	
21025	CLCN4 E9PFB5	VAV1 F5H5P4	
21026	USP8 A0A024R5S4	MST1 H7C0F8	
21027	ATXN3 D3VVG9	HLA-C D6ML72	
21028	RPS9 A5D904	ATP6 H9SDV9	
21029	ATP8 E5E129	CYTB H9R3P5	
21030	PRKD3 C9JKP8	HLA-Cw C7EW73	
21031	ZNF804A Q7Z570	RPP40 O75818	
21032	CELF1 E9PKU1	ACSF2 D6RF87	
21033	L3MBTL3 Q96JM7	CIITA P33076	
21034	ATPase Q4GQR4	cytb I6PNE6	
21035	PEX11B O96011	ATP8 A0A059RI25	
21036	ADCY8 Q4F7X0	EIF6 B7ZBH1	
21037	ACE A0A0A0MSN4	TTF1 Q15361	
21038	SPRY1 D6RIE6	RABL6 F2Z2T0	
21039	STAT3 K7EP08	RABGGTA H0YKZ8	
21040	ND2 Q7YEG0	CYP2S1 M0R2G8	
21041	RAET-1E I2GUA3	ATP8 E5DY52	
21042	CAND2 O75155	ND2 H9E7C9	
21043	CFTR Q6KEH9	MYO5A G3V394	
21044	G2E3 Q49AD9	ECM29 Q5VYK3	
21045	CELF4 M0QY66	AMPD3 E9PKC5	
21046	RBM15 Q96T37	LRRFIP1 Q32MZ4	
21047	HLA-A D5L9A0	FGFR2 D3DRD6	
21048	CYTB V5L9N0	TRPC3 Q4W5P7	
21049	PALM3 A6NDB9	NMNAT3 Q49AL4	
21050	LTA Q45NE4	TESPA1 E9PM24	
21051	ZNF419 E5RI89	POU2F2 U3KQN1	
21052	cytb Q4GHR2	MAPK8IP1 Q6NUQ9	
21053	POU2F3 Q9UKI9	HLA-A G1EP95	
21054	UGT1A4 Q0VAJ1	ND5 A0S9B7	
21055	DDX25 J3QL17	NADH5 Q4GSD1	
21056	AASS Q9UDR5	RAB15 J3QSF4	
21057	USF2 Q15853	HLA-DPB1 A0A0A7C7G8	
21058	CCDC182 A6NF36	COX3 Q5Y078	
21059	CGB2 Q6NT52	PIWIL3 Q7Z3Z3	
21060	HLA-A D6MKZ1	ANXA2 P07355	
21061	SASH1 O94885	UGT1A5 Q5QTE3	
21062	AAG11 Q2TSB7	STX6 O43752	
21063	NOL8 F5GWN9	SALL4 Q6Y8G5	
21064	ESR1 C0LLI7	RPE C9JCL8	
21065	SLC31A2 O15432	BMP5 P22003	
21066	TCEA2 Q15560	PRDM14 Q9GZV8	
21067	RYK P34925	PCDHGA3 A4FUP3	
21068	Hosa(Japanese)-T2R5 Q50KW4	RH50 Q9UP76	
21069	CCDC130 P13994	HLA-C A0A0A7C6Z2	
21070	CDC23 Q9UJX2	COX2 L7NVC9	
21071	MDA5 Q53TB6	RAI1 W0UV30	
21072	ATP6 I6R7U9	ND5 Q4F568	
21073	HLA-B I0LEY6	A4GALT Q6RJV6	
21074	RFNG Q9Y644	PLA1A H7C4H1	
21075	ANXA6 E5RJF5	ATXN3 D3VVN5	
21076	MARK2 E9PC69	IAPP F5H0S1	
21077	TH F8W8M5	COPG1 H0Y8X7	
21078	ATP6V0A1 K7ERA0	CYP2J2 Q9UN91	
21079	KLRG1 Q96E93	HLA-A Q8WMB5	
21080	RIN1 Q13671	RBM28 H7C5G8	

21081 COPZ2|J3QQQ5 ESX1|A6ZIV0
 21082 HLA-DRB1|A0A0A7C4I2 TNNT1|M0QZY5
 21083 TCTN1|Q2MV58 FYN|P06241
 21084 PLA2G4C|M0QZB1 HLA-A|E3SG81
 21085 BBS10|Q8TAM1 ND4|C8YCP4
 21086 MAP4K5|D3DSB5 CYTB|A0A096WAR5
 21087 COX1|Q9B2V2 ATP6|A0A023I8F6
 21088 ELK1|P19419 NADH5|Q4GJP0
 21089 ATP6|A0A023QFT6 ZNF263|I3L393
 21090 ZSCAN29|H3BMU4 CDCA1|A0A024R8Y0
 21091 ND1|I3Q2F2 Cytb|Q6XB24
 21092 COX10|Q12887 HLA-B|F6KRR7
 21093 HLA-DQB1|A0A0A7C998 TXK|D6RA14
 21094 SESN2|P58004 IWS1|Q96ST2
 21095 HLA-B|G1EPW2 HLA-B|D3U469
 21096 ENTPD4|H0YBY8 APOBEC3H|B7TQM8
 21097 ACSM2B|H3BM61 PGPEP1L|A6NFU8
 21098 ATP6|Q9B1D3 TMEM174|Q8WUU8
 21099 CNTF|P26441 SNTB2|Q13425
 21100 ZBP1|A2RRL9 TNNT3|C9JZN9
 21101 OTOGL|Q3ZCN5 SERPINB2|P05120
 21102 ATP6|Q4F296 SAT1|P21673
 21103 CDH24|Q86UP0 HLA-C|G1EMS9
 21104 RABL6|H0Y7H6 HOPA|Q8WWP6
 21105 PPP1R14A|A0A0B4J2A3 TLR5|B9VJ65
 21106 DKK1|I1W660 ZNF611|M0R1T1
 21107 PITPNA|I3L459 MAN1A1|P33908
 21108 CWC22|B7WP74 SQSTM1-ALK|E3WH17
 21109 FOXL1|M0R279 IL4|P05112
 21110 OLFML2B|F2Z3N3 MAP4K4|E7EX83
 21111 YME1L1|Q96TA2 CYTB|I3Q5S1
 21112 ZNF708|P17019 KLF13|X5DNR2
 21113 CDYL2|A0A0B4J291 FLT4|A0A0A7DZ95
 21114 UTY|F4MHA9 PYCR2|B3KMB7
 21115 CYTB|H9P3Z4 PARK2|A0A087WX46
 21116 GBP3|F6X827 COX3|A0A059RWN6
 21117 HLA-A|A0A0A7C7E3 OPRM1|Q71V90
 21118 LHCGR|Q53S49 HLA-C|E0X9L9
 21119 LGSN|Q5TDP6 ASB9|Q96DX5
 21120 ATP8|Q0Z7D7 ZNF541|Q9H0D2
 21121 GLT25D2|B3KT92 HLA-F|Q6DU28
 21122 CAPN3|P20807 CYTB|A0A068BZR1
 21123 SDC4-ROS1_S4;R32|M1VKI3 STAT2|R9QE44
 21124 IRS1|W0KMC7 ATPase|Q4GK64
 21125 ND6|G9LGV6 UTY|F4MHK8
 21126 ATP10B|Q2YDW8 ZFAT|Q6PJQ2
 21127 BCR-ABL1|A2RQD5 TMEM115|Q12893
 21128 CSNK1E|B0QY34 SHOX2|O60902
 21129 UBE1|A0A024R1A3 DKFZp762B1216|Q69YK5
 21130 ABI2|F8WEB9 ATP6|Q4VFK9
 21131 TPI1|U3KPZ0 GALT|G3V4M2
 21132 SCG2|P13521 HIST1H1A|Q02539
 21133 TLR10|Q9BXR5 PCDH15|A0A087WTR6
 21134 TMX2|Q9Y320 LST1|Q2HNT4
 21135 CTDSPL|H7C2S4 GRIK1|P39086
 21136 TUBB6|B3KS31 PDE3B|A7E2E5
 21137 FKBP8|M0R2Q6 FAM57B|F1T0F5
 21138 FLNC|Q14315 GTF2IRD2B|Q86Y00
 21139 SLC11A2|P49281 SIRT5|A0A024R012
 21140 VIPR1|A0A024R2N2 SPATA31A1|Q5TZJ5
 21141 HLA-C|G1EQF2 CLDN15|H7C2D7
 21142 HLA-C|A0A0A7C671 HLA-A|I3UI52
 21143 MARK4|K7EKG8 CYTB|Q6RM70
 21144 CTDNEP1|I3L3K5 MBNL2|A0PJJ3
 21145 HLA-DRB1|O78048 PGAP1|A6NI33
 21146 RAMP3|M5AMS3 ADPRH|P54922
 21147 ND5|V9N5T7 PLS1|C9JU08
 21148 AP1S2|P56377 GGCT|O75223

21149 GNPDA1|D6R9P4 PRKCD|Q05655
 21150 ARHGEF9|A0A0A6YYF8 HLA-DRB1|O19621
 21151 BET1L|Q9NYM9 DDX58|A2A376
 21152 UPK3A|O75631 HLA-B|L7PF02
 21153 ORMDL2|F8VXD5 ND1|A6Z5I3
 21154 RAB38|P57729 MRPS2|Q9Y399
 21155 STX16|B7ZBM4 SSBP1|C9K0U8
 21156 C7|Q05CI3 ITS2N|H7BZD4
 21157 ZNF677|Q86XU0 INS|I3WAC9
 21158 GALT|G3V3U5 CTSB|E9PKQ7
 21159 EYA4|E9PLN6 HLA-DQB2|Q5SQ91
 21160 MSH2|Q0ZAI9 ANAPC15|F5H2T3
 21161 ATP8|G3C9Y5 SAMD4B|A0A024R0N7
 21162 CDADC1|Q9BWW3 KRTHA5|A0A024R1T2
 21163 IL5RA|E7ERY4 USP10|J3KT19
 21164 STK17B|U3KQF8 HLA-B|K9L7D8
 21165 HLA-C|G4XPL6 ATP6|A0A023QEM9
 21166 NRP2|X5D7M1 PTPN7|C9JBA9
 21167 ND5|A1DTY1 TIMM23B|Q5SRD1
 21168 PTGER1|Q05C32 THAP12|E9PSI2
 21169 COX2|H9SYF8 HLA-DQB1|S6CQA4
 21170 ZNF426|K7ER43 ZNF880|F5H026
 21171 ZSCAN10|I3NI43 INTS10|Q9NVR2
 21172 MRPL36|Q9P0J6 CYTB|M9ZUG1
 21173 PPP1R1C|Q8WVI7 HEPH|A0A0C4DG76
 21174 HLA-C|K9L8F4 MSRA|E5RJK1
 21175 MRPL24|X6RHI2 LMNA|H0YAB0
 21176 AJUBA|G3V5F5 RPL17|J3KRB3
 21177 KCTD19|H3BVC0 ZNF16|P17020
 21178 UBN1|K7ER78 RPH3A|F8W1A3
 21179 CYTB|H9RHM0 COX1|G5D8R7
 21180 ZNF517|A0AV05 ATL1|H0YJ65
 21181 HLA-B|F4NBP5 CCR5|A0A089G7G7
 21182 ZFAND2A|J3KQ25 EIF4G2|H0YEC5
 21183 OAZ1|K7EPM6 F9|Q19UM0
 21184 ADGRG7|E9PHI0 ZNF212|Q9UDV6
 21185 BVES|Q8NE79 URM1|Q9BTM9
 21186 CD36|D9IX63 UNC119|K7EJU3
 21187 TRIP10|M0R0F9 SLC6A2|H3BML6
 21188 TDP43|A0A0A0N0M3 GCNT7|A0A087WZE6
 21189 CSNK2A1|V9GY80 SRCIN1|Q9C0H9
 21190 CUL3|Q13618 P4HA3|Q7Z4N8
 21191 COX1|H9M478 PPAPDC1A|Q5VZY2
 21192 STAB2|Q8WWQ8 ND1|V5JS37
 21193 DDX49|Q9Y6V7 SLC4A11|V9GYK6
 21194 PRKCB|P05771 HLA-A|D5FIG8
 21195 ND1|E2CZ36 ISOC1|Q96CN7
 21196 XRCC6BP1|Q8N4L5 UBE3A|Q05086
 21197 SPATA5L1|H0YCA5 ND1|A0A059QDA5
 21198 GH1|Q6IYF0 MMP11|H7C3I7
 21199 ROM1|Q03395 HLA-A|Q95HA5
 21200 COX1|U3LSF4 MEPCE|Q7L2J0
 21201 COX3|C7B321 ZNF814|M0R0R0
 21202 TEX37|Q96LM6 TLK2|J3QS44
 21203 MUM-1|Q13110 DDX41|B3KRK2
 21204 JAML|E9PKK2 MEGF10|Q96KG7
 21205 TIGD7|Q6NT04 PREP|H0Y5Y0
 21206 UBE1|A0A024R1A3 C7orf64|A0PJB1
 21207 ZFAT|Q9P243 DARS|D3DP78
 21208 ATP6|A1E1T6 TXNRD2|A0A096LNY7
 21209 ANAPC1|Q9H1A4 CD36|E7EX47
 21210 COX1|Q4F387 DGCR2|P98153
 21211 ARPC1B|C9JBJ7 ZNF198|A0A024RDS3
 21212 CANX|D6RHJ3 NME7|E9PNU1
 21213 CYTB|R9Y9N2 ATF2|A4D7U9
 21214 COIII|Q4GPI4 SIRT1|A0A024QZQ1
 21215 SRPK3|E7ETV6 CETP|H3BRJ9
 21216 STATH|P02808 HLA-B|A0A068B2J5

21217 COX2|B3DE06 ALF|Q53S48
 21218 GJA3|Q9Y6H8 CS|F8VRP1
 21219 PTPRM|P28827 HLA-C|A0A090KKK1
 21220 SOX10|P56693 hRED1|O43263
 21221 CTSF|H0YD65 HLA-DQB1|A0A0A7CAQ8
 21222 DKFZp781M17165|Q68CR8 KIF5B-RET(NM_020630)_K22;R12|M1V490
 21223 CYP21A2|K9LHV1 SPSB3|D3DU79
 21224 PIK3R2|A0A024R7N6 ARID4B|A0A024R3R1
 21225 RELA|E9PQS6 SEC24B|O95487
 21226 HLA-C|H6A2G4 MC3R|P41968
 21227 KCTD9|Q7L273 HLA-C|H9BYV5
 21228 BRIP1|J3QKX0 AP4B1|B1ALD2
 21229 SIGIRR|E9PLG6 ZSWIM8|A7E2V4
 21230 UTY|F4MHI7 DDX48|A0A024R8W0
 21231 IFI30|P13284 RUNX2|U3RG86
 21232 ND4|H9E7I9 ZNF8|P17098
 21233 RBMXL3|Q8N7X1 ECE2|H0Y5G8
 21234 BAP1|A0A024R305 HLA-C|Q700Z4
 21235 NLRP5|A0A087WXM3 LONRF1|H7C5V9
 21236 CA8|P35219 OR2T34|Q8NGX1
 21237 SLFN13|Q68D06 ECHDC1|E9PJ58
 21238 DHRS7|H0YJ66 PPP2CB|P62714
 21239 GCC1|Q96CN9 GREM1|A6XAA7
 21240 ND4|I6PNE4 DDX39B|F6S2B7
 21241 OR8K1|Q8NGG5 ND1|F2WFI1
 21242 HLA-C|U5YCH8 AP2B1|H0UID3
 21243 ATP8|B4YCH1 hCG_1993739|A0A024QYT4
 21244 ATPAF1|Q5TC12 WARS|G3V277
 21245 LYPLA2|Q5QPN5 MID1|A0A024RBV4
 21246 WIPF2|J3QQS0 SLC8A1|P32418
 21247 ATP6|F2WHZ4 FGF22|Q9HCT0
 21248 TMPRSS11E|Q9UL52 SIGLEC9|Q9Y336
 21249 GCSAM|C9JY41 ATP6|A0A023Q788
 21250 OR6C68|A6NDL8 COX3|K7DVY4
 21251 SEPT5|X5DQL7 RAP2B|P61225
 21252 ACER3|E9PKR3 GGT7|A5D8W8
 21253 CYTB|H9E7C7 GDF8|A1C2E7
 21254 SULT1A2|E9PM76 PSMG1|F8WBH7
 21255 CYTB|F2WF76 ZNF367|Q7RTV3
 21256 FAM184A|Q8NB25 MSS51|Q4VC12
 21257 KCTD1|Q719H9 NDUFC2-KCTD14|E9PQ53
 21258 HLA-DRB1|Q9TQ40 HLA-A|F8R8H7
 21259 PHF2|A0A087WW48 ZNF277|Q75MZ1
 21260 SNAP91|E5RK53 DUSP22|Q9NRW4
 21261 TXNDC11|Q6PKC3 ALMS1|Q8TCU4
 21262 RHCE|A0A0B5JDJ1 COX1|A0A097PZ33
 21263 MMEL1|Q495T6 PLA2G12A|Q542Y6
 21264 PARVB|Q9HBI1 MTRR|D6RAY3
 21265 HLA-A|X4YT82 TSR1|Q2NL82
 21266 ESX1|A6ZIT2 DCC|J3QRM6
 21267 ATP13A2|Q8N4D4 DKFZp686A03134|Q6AWA9
 21268 DDX27|B7Z6D5 TLR9|D1CS62
 21269 MYO1B|O43795 MICA|Q9UDZ8
 21270 ELOVL7|D6RBM2 HMGCR|D6RIW0
 21271 CPA2|J3QT58 PLEKHA8P1|O95397
 21272 HLA-A|Q5FYV2 PSD|A5PKW4
 21273 RPL17|J3QS96 EEF1D|E9PQ49
 21274 DMD|P11532 NDUFB6|O95139
 21275 PABPC1|A0A024R9C1 SYPL1|Q16563
 21276 COX2|G5D8K6 CYTB|C7AB29
 21277 RFPL4AL1|F8VTS6 MSH2|Q0ZAJ1
 21278 PPIL2|A0A024R1C1 RPL37A|E9PEL3
 21279 HLA-A|G1EPG5 MGRF|W4VSQ4
 21280 TRIM9|Q9C026 ARF1|P84077
 21281 ATP6|R9Y3L7 BMP4|H0YMP9
 21282 OGG1|E5KPM9 POLD3|H0YEX7
 21283 EPS8L2|Q9H6S3 MAPK3|H0YEX6
 21284 FOLR2|F5H5L8 CAPN1|E9PLX0

21285 CNTN2|A0A024R9B4 CNDP2|J3KSV5
 21286 COX3|A4ZMW5 ABHD14B|B4DQI4
 21287 HLA-B|B2DG04 RPL19|J3QR09
 21288 ZMYM6|O95789 ZNF41|A0A024R1C4
 21289 HDAC11|Q6IA14 MICA|W6S861
 21290 HLA-C|C0KK02 SNX22|Q96L94
 21291 TCTEX1D4|Q5JR98 TXNL4A|K7EPA6
 21292 ATP5A1|P25705 EMILIN1|Q9Y6C2
 21293 COX3|I7H1S4 UGT1A4|B8K2E8
 21294 ZNF669|Q5VT36 TIA1|P31483
 21295 ACTC1|P68032 NDN|Q99608
 21296 SLIT2|X6R3P0 HLA-C|H6A2G1
 21297 TSNAXIP1|Q2TAA8 AKR1E2|E9PK93
 21298 DKFZp781H1425|Q68DI5 ZSCAN5B|A6NJL1
 21299 PLA2G4C|M0R1B4 PTPN7|H7C4T8
 21300 GNE|Q6QNY5 ND3|A0A059RWJ2
 21301 NE01|Q59FP8 SPHK1|K7EMA4
 21302 HLA-B|A5PHP5 ND4|A0A059QV08
 21303 HLA-A|I6QQS6 ELOVL7|D6RBM2
 21304 GUF1|Q8N442 COX1|A0A059QGK2
 21305 FGF23|Q7Z4T2 KRT86|U3KPR1
 21306 PDE6G|P18545 HRBL|A4D2D6
 21307 ATP6|Q8WCV8 CYLD|Q9NQC7
 21308 HLA-B|E2DH92 DOK1|Q99704
 21309 ND5|Q8WCW1 UGT1A3|Q8WX91
 21310 RNH1|P13489 MDM2|Q96DS1
 21311 COIII|Q4GIY4 APOBEC2|Q9Y235
 21312 PRICKLE3|A0A0A0MRT7 NCAPD3|E9PKK4
 21313 ZNF93|P35789 HLA-C|W6MX28
 21314 COMMD5|Q9GZQ3 HLA-C|D5FZQ7
 21315 CDH17|Q12864 CYTB|V9J348
 21316 ATP7B|G1FFF3 HLA-A|D0EZJ9
 21317 KCTD6|F5H7I0 CD200|U3KQG5
 21318 RPL3|B4DN06 NUDT9|Q9BW91
 21319 ND5|H9PDH0 NRP1|Q9H2D7
 21320 STAG3|D6W5U7 MAK16|Q9BXY0
 21321 TLR2|D2JYJ3 PRNP|B2NI05
 21322 ND6|A0A075C7T2 WEE2|P0C1S8
 21323 PIGH|H0YMV4 CSNK1E|Q5U045
 21324 BEST3|Q8N1M1 CD36|E7ERZ9
 21325 PIGN|K7ELE1 ND5|A6YXC5
 21326 CIDEC|Q96AQ7 AHI1|Q8N157
 21327 IFT46|E9PMR8 HLA-C|F1AQR3
 21328 EMILIN1|A0A0C4DFX3 AP3D1|Q6PK82
 21329 ND2|V9J9X6 RPS6KA2|Q15349
 21330 GTF2H3|F5GX35 ND6|A4ZMD8
 21331 HLA-C|J7K1D6 ATP6|A0A023Q9F0
 21332 TMBIM6|P55061 ANHX|E9PGG2
 21333 NID2|Q14112 ZEB1|H0YMD3
 21334 DKFZp686A1668|Q68CT4 TDRD9|A0A0C4DFS5
 21335 TLR6|D6R979 TUBA4A|C9JEV8
 21336 PTPRE|Q8TE48 HCR|A9XAE7
 21337 RPL36|J3KTD3 DYRK4|D3JEN1
 21338 SNX13|A0A024R9Z9 HBG1|D9YZU8
 21339 MYBBP1A|I3L1L3 NUBP2|H3BNS4
 21340 APPBP2|Q92624 ARHGEF19|H0Y4D8
 21341 KBTBD6|Q86V97 UBE2QL1|A1L167
 21342 MGST3|A0A024R8Z1 HMGCR|H0Y8F6
 21343 HLA-DQB1|A0A0A7C931 CFC1|P0CG37
 21344 ABCD4|H0YJX8 RBP2|D6RGE6
 21345 RNF43|Q68DV7 HLA-C|A0A0A7C4Z5
 21346 GPAM|Q8N1G6 PAX6|B1B1I9
 21347 SLC4A7|B5M450 CTC1|J3KSZ1
 21348 ROBO1|H7C4Y7 RPS3A|Q6NXR8
 21349 TRIO|E7EPJ7 CYTB|A0A059QK23
 21350 GALT|C8CHJ4 ZNF132|P52740
 21351 ACSM1|E5RFK0 PIGS|Q96S52
 21352 KRT5|P13647 COX2|A0S3T1

21353 HLA-G|A5HSK0 HLA-C|Q29914
 21354 HLA-C|V5NXT8 LPCAT4|B7ZM32
 21355 PIGZ|H7C2E0 DHRS3|Q5SUY4
 21356 IFNA6|A0A0A0MQU8 DACT1|Q9NYF0
 21357 CRYZL1|A0A0C4DG14 ND2|V9JY92
 21358 HEL-S-305|V9HWF1 LRP2|Q4ZG84
 21359 KEAP1|K7EJ49 USP19|E7ESU0
 21360 hCG_2039718|K7EN88 HLA-C|G3D6H6
 21361 H2BFWT|Q7Z2G1 SDCCAG8|A0A024R5P5
 21362 TRA2B|H7BXF3 DRG2|J3QRI9
 21363 SELPLG|A0A0C4DFY0 ANGPTL1|O95841
 21364 SEC16B|Q96JE7 IL19|Q9UHD0
 21365 ARNT2|X5D9H9 PRKG2|B7ZA25
 21366 ZNFN1A2|A0A024R441 DKFZp686N19168|Q6MZJ2
 21367 ATP6|T1SSU2 PDE6A|O75316
 21368 AIPL1|Q9NZN9 HLA-C|J7K4S1
 21369 SLC4A5|C9JNL6 ZNF215|Q9UL58
 21370 CYTB|G5D820 STX17|E9PJV6
 21371 SETDB1|E9PRF4 ATP6|D7NMC1
 21372 HOXD9|P28356 CYP21A2|C7DTW4
 21373 ABHD3|Q8WU67 MINK1|I3L203
 21374 ZFP57|B7ZW61 SLC8A3|A7E249
 21375 CDON|Q4KMG0 SOCS2|S4R3Z4
 21376 SRPK3|Q9UPE1 HLA-A|N1LK74
 21377 CNTNAP2|O75852 DKFZp761P1714|Q659C2
 21378 HLA-C|G1ENU8 HLA-B|F8SKX1
 21379 HLA-C|A0A090KKI4 ND5|G9IFC7
 21380 EIF3D|B0QYA4 CELF4|K7ENR2
 21381 ND1|I3PZ06 SLC25A26|H7C430
 21382 SNRNP200|A4FU77 ALKBH1|G3V4M4
 21383 TSEN2|C9J7Z4 HLA-B|Q9GIM1
 21384 HLA-DPB1|A0A0A7C9X3 IL6|B4DNV3
 21385 CTSB|E9PKQ7 HCR|Q0EFB6
 21386 ATP6|C8YDR7 COX2|A0A059RTG7
 21387 FNTA|B3KVN2 GGT2|P36268
 21388 CDS1|A0A024RDG8 ATMIN|O43313
 21389 STARD8|Q92502 NAT2|A4Z6T7
 21390 DKFZp761D0422|Q68CX1 TTYH1|F8WBE6
 21391 ATP6|X5BW47 HFE|I1VA63
 21392 MMSADHA|O43573 HEL2|V9HW98
 21393 PRSS8|Q16651 CDH13|F5H7W7
 21394 CYTB|A0A023QCF8 COX3|H9E782
 21395 FIG4|Q5TCS4 NANOGP8|J7H738
 21396 RNF13|C9IY58 USP17L13|A0A087WY87
 21397 TTN|D3DPF9 CRIP2|P52943
 21398 HLA-Cw|Q6UQM7 WNK1|F6UYG0
 21399 ATP8|A4ZL69 SERPINB2|P05120
 21400 ZNF350|M0R017 RASSF9|O75901
 21401 ZDHHC11|H0Y9D0 HLA-G|O78132
 21402 COX2|A1Z4V2 CHEK2|H0Y4V6
 21403 ATP6|A0A059RHU8 GAS2L1|A0A5E8
 21404 HLA-C|A0A0A7C985 PXR1|Q13335
 21405 CABIN1|A0A024R1E5 IL4R|J9JII2
 21406 MS4A1|A0A024R507 PDCD5|K7ESJ4
 21407 KLK4|M0QYN5 AP5S1|Q9NUS5
 21408 RPE|C9IYE8 HDM2|I6T4K8
 21409 ZBTB24|O43167 IFT172|Q9UG01
 21410 GALNT6|Q8NCL4 SLC02A1|F8W9W8
 21411 ND5|T1Q687 ATP6|H9RLD9
 21412 FLT-1|S5U0M6 GRAP2|O75791
 21413 SMC2|Q05D74 AP1G1|H3BV30
 21414 HIST1H1C|P16403 GALNT1|Q10472
 21415 SGSH|I3L4B7 COX3|A0A059QQR4
 21416 COX3|Q6WQG6 MYO1D|K7EIG7
 21417 SCNN1B|A0A087WZI2 COX6B1|P14854
 21418 ELM01|C9JB20 HLA-DRB1|V5JAC9
 21419 VSNL1|P62760 UGDH|O60701
 21420 STMN2|E5RGX5 TCEANC2|X6R7X0

21421 MGRE|W8W3J0 JAK3|A0A024R7M7
 21422 HEL-S-7|V9HWE0 INO80|A0A087X0U7
 21423 MX1|F8W8T1 ASF1B|A0A024R7G4
 21424 HLA-DPB1|A0A0A7CA00 TSC2|X5D9K3
 21425 PTK2|E9PEI4 RRBP1|Q32NB1
 21426 GGT|Q9UEN8 EYA3|B1APR7
 21427 C1R|F5GWL0 SF3B4|Q15427
 21428 PHOSPH01|D6RB58 ZSCAN18|A0A0C4DG78
 21429 MLH3|G3V3E0 ZMYM5|H0YH25
 21430 HLA-A|M9PAA4 ND6|E5QBL9
 21431 LIMK2|P53671 ZNF717|C9J8I7
 21432 ZDHHC5|E9PMA5 HLA-C|F6IQL9
 21433 WNT8B|Q93098 PDF|Q9HBH1
 21434 ND6|U5Z8L9 IRF8|H3BVC2
 21435 ZNF226|K7ELM4 HTR2A|B3VRC0
 21436 HJURP|F8WCV1 SLIRP|H0YJ07
 21437 GPM1|Q86YR5 HLA-C|G3FIP9
 21438 HMCN1|Q96RW7 RGL2|A0A024RCS9
 21439 ND1|A0A097PW36 HS6ST3|Q8IZP7
 21440 COIII|Q4GFE9 SPINK6|Q6UWN8
 21441 MBP|J3KS94 KTN1|G3V4L8
 21442 ACSM3|H3BVD5 SCAF11|Q99590
 21443 HLA-C|V5NWG0 HLA-C|H9BYU7
 21444 PIK3R1|E5RJY0 DKFZp434B0923|Q9NT87
 21445 RAET1G|J7HBB6 HLA-C|F4YU88
 21446 ASAP3|Q8TDY4 HLA-DPB1|A0A0A7C5G2
 21447 ZNF283|K7EL69 ZNF84|F5H0T0
 21448 HIST1H1T|A1L407 GTSF1|Q8WW33
 21449 ND5|U5KP70 ZNF581|K7EM32
 21450 RB1|Q6LE80 GRIK4|Q16099
 21451 GABRA2|Q4W5L8 FTH1|G3V1D1
 21452 TM6SF2|Q9BZW4 MED15|Q96RN5
 21453 SLFN5|Q08AF3 HLA-C|D6MJK9
 21454 STK4|SLC36AL|Q86YK3 PPIP5K1|H7C436
 21455 SACM1L|C9JV50 MARCKSL1|P49006
 21456 MMRN1|Q13201 LAX1|Q8IWW1
 21457 ZNF256|Q9Y2P7 IFNA6|A0A0A0MQU8
 21458 HLA-A|I7A4C9 ZDHHC23|E9PAP7
 21459 ASPDH|M0QYD4 DKFZp762L056|Q8N3N3
 21460 ATP6|B2XK18 HP1BP3|Q5SWC8
 21461 SLC40A1|E7EQF8 CHI3L2|E9PPX4
 21462 GPR177|Q96IV8 IKBKE|A0A075B7C7
 21463 ART5|Q96L15 OR51B2|Q17R53
 21464 COPZ1|F8VUC5 TXNL4A|K7EPA6
 21465 CXCR2|C9JW47 ND2|B0Z714
 21466 MORN2|Q502X0 HLA-C|D6ML87
 21467 RABL5|Q9H7X7 ND2|A0A059QGX8
 21468 NDUFV1|E5KNH5 CYTB|Q7Y7L3
 21469 ABHD12|I3L440 ND3|B8XZE8
 21470 TSKU|Q8WUA8 PCM1|E5RGQ4
 21471 SLC8A1|E9PCL8 SETDB2|X6R383
 21472 LIMD2|J3QQM5 PRICKLE3|H7BZP7
 21473 ND5|H9R7X5 SLC52A2|E9PPS0
 21474 RAB18|Q9NP72 KCNAB2|Q13303
 21475 HLA-C|D7NPC0 DKFZp666B0810|Q658Y0
 21476 CYTB|A0A097QA23 SLC16A7|F8W0N3
 21477 ZNF652|D6RF85 PIEZ01|H3BSF6
 21478 CKB|P12277 TMPRSS4|Q9NRS4
 21479 ADH4|P08319 CYTB|H9R8I5
 21480 PDE3B|Q13370 BARD1|Q99728
 21481 GNL3|Q9BVP2 UPK1B|O75841
 21482 HLA-DPB1|A0A0A7C5V2 ABCA10|E5RFN6
 21483 HLA-DQB1|F8LFZ8 ECE1|P42892
 21484 KRT40|Q6A162 CACNA1A|Q9NS89
 21485 AGPS|Q53S12 WDFY3|Q8IZQ1
 21486 ALDH3A1|C9JKT2 NADH5|Q4GF15
 21487 SPINT2|K7EJS4 MYO1B|O43795
 21488 C16orf80|Q9Y6A4 PDIK1L|Q8N165

21489	CTRB2 Q6GPI1	COX2 E5E1A6
21490	ESR1 C0LLI8	CD13 Q8IVL7
21491	APOL1 U5LKP5	BPHL B4DML3
21492	SWSAP1 Q6NVH7	COX3 Q2HKT7
21493	ND5 A0A059QY45	E2F4 H3BMP3
21494	PLK4 A0A090BML5	SERPINE1 P05121
21495	SKP1 E5RHM3	HKR1 K7ERA5
21496	CTU2 H3BSW6	POLR1A B7ZKR9
21497	COX3 Q5Y0H4	APOBEC3F M4VR43
21498	HLA-Cw C0M122	GPSM2 A0A024R0F8
21499	STRADA J3KSK5	ZRANB3 F5GYN7
21500	CCR5 A0A089G6S6	DBN1 D6R9W4
21501	HSPE1 A0A024R3X7	ZNF24 P17028
21502	HLA-B D3U469	SLC10A2 Q12908
21503	BTD C9J387	DKFZp434L0816 Q9NTF8
21504	coxIII T2HKD7	LONRF1 E9PQH4
21505	KIF5B P33176	NADH6 Q4GE26
21506	FFAR3 O14843	SEPHS1 Q5T5U6
21507	DKFZp781L1143 Q68DM5	RASL12 A0A024R5Y3
21508	CYTB E2JK12	HLA-A U5YKC8
21509	MARK4 K7EKG8	CNN3 Q15417
21510	ZNF324 O75467	ND4 A0A075X860
21511	HLA-A D9UB10	CDH8 J3QLE6
21512	ATP6 C8YCE9	TFIP11 A0A024R1I7
21513	HLA-A H9C3K5	KIAA0921 Q5W9F7
21514	LM07 E9PMS6	DCX E7EU50
21515	OSBPL1A Q9BXW6	MAPK14 H7C4E2
21516	OR4A47 B9EIM4	PAPSS2 Q5TB52
21517	HLA-C M9P9U0	GNL3L Q9NVN8
21518	DIAPH1 A0RZB8	DKFZp781N1974 Q5H9S0
21519	APC E9PFT7	HLA-C I2GUK3
21520	BLZF1 Q5T534	PRKD2 M0QXC6
21521	DYNLT1 P63172	COX1 A0A097QGB7
21522	IDH3A H0YNF8	FKBP10 K7EM43
21523	RCVRN P35243	RNF145 Q96MT1
21524	ND4 A0A023QWK0	CHD5 K7EMC0
21525	CYTB G4W1A3	CCNA1 P78396
21526	DKFZp781K0743 Q68DI0	COX1 E9JWI2
21527	KLK10 W8GN33	ADAM32 Q8TC27
21528	TMEM43 A0A024R2F9	BRD4 O60885
21529	PFKP H0Y757	KNS2 Q7RTQ7
21530	NRN1 Q9NPD7	RAB1B Q9H0U4
21531	ATXN3 G3V3T6	HLA-DPB1 A0A0A7C9B2
21532	LRRTM2 O43300	CACNA1H Q9NYY6
21533	EXOC5 O00471	SCFD1 G3V5E2
21534	MHC2TA Q66X48	ZDBF2 N0DVB2
21535	KCNQ5 A0A0A0MRC8	DCC J3QRM6
21536	HLA-DPB1 A0A0A7C8W2	HLA-A D7NNU1
21537	SCAMP4 Q969E2	ZNF425 C9JNW7
21538	HIP1R A0A024RBR4	MGAT4C F8VTY5
21539	ITSN2 Q9NZM3	NAT2 A4Z6U4
21540	SLC10A3 P09131	FUT1 F1D990
21541	TMPRSS9 A0A0C4DGY1	ATP6 Q6VIX0
21542	ARNT2 X5DQN9	PPP2R2C Q9Y2T4
21543	TMEM147 Q9BVK8	GABRA5 G3V2Q9
21544	HLA-C V5LL19	MYBPC1 Q00872
21545	CLEC4E Q9ULY5	KLHDC8A Q8IYD2
21546	HLA-C D3U4D1	ND1 A0A059RF58
21547	MPG P29372	FPR1 M0QZT0
21548	SPP1 A0A024RDE2	CYP27C1 Q4G0S4
21549	EPHA4 P54764	HLA-A G9HRL2
21550	ND5 A0A075X6W5	HLA-A U5YKC8
21551	HLA-DPB1 A0A0A7C5B7	DKFZp779I1240 Q68D36
21552	KLRK1 P26718	DOCK4 Q149N6
21553	ATP6 A6ZC37	AKAP13 B7ZW05
21554	HLA-C L0BVU1	HLA-A I6NWN3
21555	TP53 L0ERK8	DEFB117 Q30KQ3
21556	HLA-C I6SJ99	HLA-C D3U748

21557	COX3 A6YW19	ATXN3L Q9H3M9
21558	KLHL36 Q8N4N3	ZNF211 H0Y3T8
21559	HLA-A B6ECH2	ZNF687 F8WCX2
21560	ND3 D7NUT9	HLA-B D5FZK5
21561	TFEB B1AKB2	ZMYND11 Q15326
21562	FAS F0UWG7	IRF2BP2 Q7Z5L9
21563	CEP192 H0Y966	CCNI Q6FHH0
21564	TAF6 J3KR72	SPIN2B Q5JZB7
21565	ZNF107 A0A087WYK5	RABL6 H0Y7H6
21566	ND4 A4ZLD9	USP45 D6RC01
21567	NR4A1 F8VVX9	LANCL1 O43813
21568	PCMTD2 V9GVZ7	COX4I1 H3BNV9
21569	ARHGDIA J3KTF8	SGK494 Q96LW2
21570	ING3 Q9NXR8	IL1B C9JVK0
21571	ZMAT5 Q9UDW3	BEST2 Q8NFU1
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21573	COX1 A0A059QIL9	TBC1D10B Q4KMP7
21574	KIF6 Q4KMP8	CYTB C3W5M2
21575	NDUFA12 Q9UI09	L3MBTL2 H0Y5M2
21576	ANAPC7 Q9UJX3	TMED1 K7EIN4
21577	COX2 H9STE0	ND1 A0A023I7N5
21578	ELM03 F8W9E7	PRMT7 H3BRQ9
21579	FABP1 Q6FGL7	ND4 E9P678
21580	SPACA3 Q05C28	NDC80 O14777
21581	VBP1 P61758	ATP2A1 H3BTF1
21582	HLA-DPB1 A0A0A7C5I7	ALK D1MAM1
21583	CDH1 A0A087WX17	HLA-B C9WCX3
21584	TAOK3 Q9H2K8	COX2 G9LB98
21585	ATP8 A3R095	TRMT61B Q9BVS5
21586	ANXA2 H0YN28	ARPC2 H7C3F9
21587	FTSJ3 J3KS36	HTR3B B3VRN0
21588	HLA-A E8ZF52	RAB26 H3BMG6
21589	ARHGEF9 A0A096LP05	NIPBL A6QL62
21590	NR2F6 F1D8R3	TNRC6B Q9UPQ9
21591	HLA-C M9P8S0	cytb Q4GQN1
21592	PRKCSH K7ELL7	CDC25B B4DIG0
21593	GPR19 Q15760	HLA-DR15 M9P9X3
21594	GALK2 H0YLL8	SLC12A6 Q3ZCQ6
21595	MDR3 I7CAJ3	NDE1 Q9NXR1
21596	FFAR3 B0M0K0	ALK D1MAM0
21597	ND1 H9MJW2	ATP5J Q6NZ59
21598	ND5 A0S4F9	LIPN Q5VXI9
21599	ACAT2 Q9BWD1	FM05 E9PP51
21600	IFNA6 P05013	IST1 H3BMU1
21601	TRPM4 M0R0H1	APOL2 J3KQL8
21602	SLIRP G3V2S9	KCNK16 D6RC57
21603	SEBOX F6T8T6	MYL6 F8W180
21604	EBI3 Q14213	PDE2A C9JPD5
21605	HLA-C H6V088	NCOR2 A0A024RBU9
21606	ISCA2 Q86U28	CHN2 A0A0A0MTI3
21607	MUM1 K7ES53	NAT2 A4Z6U7
21608	PITX3 A0A0B5HSV2	CPOX P36551
21609	GRIP1 H0YFY3	HLA-B Q6F3G7
21610	SORBS3 H0YAZ3	CLCN7 I3L470
21611	NR0B1 P51843	NOD1 Q9Y239
21612	HLA-C C8CHA9	CCNE2 Q8WUE3
21613	CEP192 Q8TEP8	MRPL23 A6NJD9
21614	SNTB2 A0A024R732	TICAM1 Q8IUC6
21615	ND5 Q7YEF9	MBD6 H0YHD1
21616	CYP21A2 C7DTW4	SERHL2 Q0VDJ0
21617	KYNU A0A087WYM2	CYP17 Q09QU3
21618	GPX4 K7EKX7	HARS2 B4DQ67
21619	YY1 P25490	TM7SF2 A0A024R577
21620	CLK2 P49760	ND1 A1DVR3
21621	ACAA2 K7EJB1	METTL21B Q96AZ1
21622	AQP12A Q8IXF9	ND5 A0A059QJ14
21623	SEPT8 A0A0A0MRP8	ND2 A0A059QZ90
21624	HLA-B B2ZCX3	MSX1 E9KXX7

21625	COX2 H9S054	CALM1 G3V479
21626	ND3 A0A059RPQ1	ROB02 H7C4W9
21627	MSM01 D6R952	SH3GL3 A0A024R215
21628	HLA-A F2VNE8	EXOC3L4 H0YNV0
21629	SLC25A23 M0R1X8	TRA2B H7BXF3
21630	PRPSAP2 C9K0K7	PTPRT B1AJS0
21631	ATRAID Q6UW56	PGAP2 Q9UHJ9
21632	ATP6 Q4ZEI5	GFI1 Q99684
21633	ACBD5 Q5T8D3	hCG_1642326 A0A024R8V5
21634	CYP1B1 D0EZN6	ZNF276 H3BPT7
21635	WFDC3 H0Y2V5	ND5 H9R0D6
21636	CYP4F22 Q6NT55	SFT2D2 O95562
21637	HLA-A D6ML55	IDH3B O43837
21638	CTH P32929	GPX3 A0A087X1J7
21639	ND5 D2KR88	CYP20A1 F8WBE2
21640	HSPE1 P61604	NACA E9PAV3
21641	SLC4A2 Q6PJY3	HOXB3 P14651
21642	COMMD3 Q6IB93	PLXNB3 H7BZV5
21643	NUP50 Q9UKX7	PCDH15 A2A3E4
21644	TARDBP G3V162	STK38 Q15208
21645	MEGF6 O75095	MT-CO1 P00395
21646	KIAA0391 O15091	MGAT1 D6RB69
21647	PRRG2 O14669	GTPBP4 Q9BZE4
21648	BST2 Q10589	CBY1 Q9Y3M2
21649	DAD1 A0A0B4J239	WT1 H0Y3F0
21650	NRXN3 G3V247	EGFR Q147T7
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21652	ELF5 A8K443	HLA-A Q5SUL5
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21654	CLCN4 G3XAG5	C2orf88 C9JS57
21655	COX1 E5E1J6	ND5 H9E7J0
21656	KCNS1 Q96KK3	ACAA2 K7EME0
21657	CYTB Q4F2U7	KHDRBS3 H0YAQ1
21658	SULF2 B1AMP9	RUNX3 Q13761
21659	COX2 F2WGV2	WDYHV1 E5RIY9
21660	CYTB E5Q914	OR11H12 B2RN74
21661	TBX6 O95947	MLH1 H0Y793
21662	MYO3A B1ANA3	ARSE A1L484
21663	PSMD8 K7EJR3	ING3 A0A0C4DG38
21664	ND4 A0A059S1L1	HLA-DRB1 A0A0A7C3X7
21665	KCNH6 J3KSC2	PFK2 Q9UBT0
21666	SLC15A3 F5H1C8	LYL1 P12980
21667	SEPT8 A6NFQ9	DKFZp686G24255 Q7Z2Y6
21668	SLC23A2 D3DVZ8	IL37 Q9NZH6
21669	WNT5A Q6DK41	cytb B2XHT5
21670	NOP16 Q9Y3C1	ZFYVE26 Q68DK2
21671	SMPDL3A Q92484	ZFP90 I3L3M0
21672	CRYAA P02489	COX1 E7E3Z6
21673	CYTB H9R8E6	ALG8 H0YD42
21674	HLA-B A0A0A7C4I6	GALNT2 Q10471
21675	M1LP Q9UL09	RPL30 A0A0B4J213
21676	CDC42EP4 B2R6D8	PPIAL4A Q9Y536
21677	RDBP B7Z6T4	DCHS2 D3DP12
21678	ZNF146 Q15072	PMM1 F8WFD5
21679	COX1 A0A059QNK0	C9orf30 A0A024R171
21680	PLCB1 Q8IV92	RASSF8 F5H8C5
21681	DNA2 F8VR31	ZNF251 Q9BRH9
21682	NFE2L2 C9J0Y1	KCNJ10 Q9BXC5
21683	ND2 I3Q9C1	HLA-C D7NNW9
21684	FEM1B Q9UK73	TMEM127 C9J4H2
21685	PHACTR4 Q8IZ21	KIF2B Q8N4N8
21686	ITGAX P20702	IL12B P29460
21687	CCDC6-RETA J7MDF2	HEL-S-102 V9HW43
21688	RHD Q5XLS8	PROX2 Q3B8N5
21689	HLA-A A0A0A7C4I4	RNF213 A0A0A0MTR7
21690	YY2 O15391	HLA-C D6MLE1
21691	ZNF615 M0QZZ4	ZNF814 M0QZS8
21692	ATP6 F2WIP1	SUGP1 Q8IWZ8

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 21694 HLA-DQB1|U5IT30 GRM2|H7BXL3
 21695 HLA-C|G1EQ43 HLA-C|F8R8M0
 21696 FCH01|M0QZF0 LMNB1|P20700
 21697 CTSB|E9PKQ7 LPL|E5RJI0
 21698 ANK2|A0A024RDI4 ND2|Q4VFQ5
 21699 SDHD|O14521 OR6S1|Q8NH40
 21700 MSX1|E9KXY9 HLA-C|F1CCJ7
 21701 FAM98A|Q8NCA5 SYNE1|H0Y325
 21702 ZNF594|B9EGN4 HLA-C|D3U744
 21703 PRCP|E9PLY4 HSP90B1|H0YIV0
 21704 STK38L|F5GY51 Cytb|Q6XB68
 21705 RARS|P54136 DARC|G0TQY8
 21706 COX1|A0A059QEE2 DSN1|Q5JW53
 21707 HLA-C|H2DMJ7 HLA-A|G1ENC2
 21708 CSNK2A1|V9GY80 LONP1|P36776
 21709 ATP6|C8XV02 KRT77|Q0IIN1
 21710 DAAM1|G3V275 ATP8|A0A075X6N5
 21711 cytb|B2XGY7 SNRPA|M0R0G9
 21712 HLA-C|M9P9M3 ATP6|W8D8V4
 21713 HSPA14|Q6P155 AIP|G9I2H4
 21714 BCR/ABL|A9UF04 RPE|F8WBT4
 21715 ASNSD1|Q9NWL6 CYTB|R9Y2B3
 21716 ACP1|P24666 CHTF18|E7EXA6
 21717 CYB5D2|Q8WUJ1 ATP6|B2XEL7
 21718 DCTN2|Q13561 SARS2|B4DJM9
 21719 RPS27|Q5T4L4 HLA-C|F8SL02
 21720 ALG10|Q5BKT4 ACTA1|A6NL76
 21721 TCP1|F5GZ03 MPL|Q5JUY5
 21722 PITPNM1|O00562 CLEC3A|O75596
 21723 GGT6|I3L2G6 TG|P01266
 21724 MDM2|A0A0A8KB97 COL4A5|H0Y9R8
 21725 IKKBK|J3KNS5 RBM23|Q86U06
 21726 HLA-A|F2VNF6 ACPP|A0PJ86
 21727 TTC21A|Q8NDW8 SLC7A1|A0A024RDQ9
 21728 MRC2|Q9UBG0 TOMM20|A0A024R3W2
 21729 COX1|A0A059RSU5 CDK7|P50613
 21730 RBM47|D6RBP6 TMEM23|D3DWC4
 21731 CYTB|H9Q3H1 IL1RAP|C9J9W1
 21732 GSTM1|X5DNN9 ATP6|A6Z571
 21733 NAT1|F5H5R8 KDM5A|F5H322
 21734 AQP4|F1DSG4 PCDHA3|A1L2Z5
 21735 DHODH|Q02127 UCHL5|H0Y4E0
 21736 ICK|A0A024RD59 KEL|Q0KH93
 21737 ATP6|D6R5P7 ZNF688|H3BR45
 21738 ARID1A|H0YCU6 MTSS1L|I3L2G4
 21739 HLA-DQB1|A0A0A7C645 RHCE|Q0E5G7
 21740 HLA-DPB1|A0A0A7C614 FLT1|P17948
 21741 ND5|A6ZB41 MT1X|P80297
 21742 ADAMTS19|H0Y8Y0 HLA-C|D3JTB8
 21743 XIRP2|A0A0A0MQZ3 GTF2H3|A0A087WYD5
 21744 CYTB|U5ZBU8 RCVRN|P35243
 21745 CYTB|H9RZB5 ATP2B1|Q3L582
 21746 TERT|F6MZ67 RBM4B|E9PM61
 21747 HLA-C|M9P9W6 GPD2|P43304
 21748 ABCC9|H0YFV4 ND2|Q4EWR3
 21749 HLA-C|V5LKU6 SYNE1|I6WZ14
 21750 LMAN2|Q12907 PCL0|H7C261
 21751 NEFM|E7EMV2 HLA-A|D0EZJ9
 21752 HLA-C|D6C6F0 AR|X5DNC5
 21753 HLA-A|H6A2C1 MST1R|H7C3Z8
 21754 LMX1A|Q6NZ39 PHGDH|Q5SZU1
 21755 ARRB2|I3L0V6 MGAM|Q8TE24
 21756 DDX19B|H3BMQ5 HOOK3|Q86VS8
 21757 SBF1|O95248 ASB4|Q9Y574
 21758 CTNNA2|F6KRI5 DEPDC7|Q96QD5
 21759 ZFC3H1|O60293 GNAQ|B1AM21
 21760 hCG_2025883|A0A024R6U3 HLA-B|G0ZMH5

21761	PRKCZ F2Z2H9	DGKI 075912
21762	SCAMP3 Q6FHJ5	DICER1 H0YJZ6
21763	ZFP91 Q96JP5	COI U3M9Q0
21764	RAB30 E9PQ07	ATP2B3 A1L3B5
21765	ATP2C2 075185	ARNTL E9PKF0
21766	ALKBH7 M0QZH2	VDAC2 A0A0A0MR02
21767	DCAF16 Q9NXF7	INO80E I3L270
21768	HLA-C S5DN76	TSC22D1 A0A087X0H8
21769	MSX1 E9KXT3	PPP3CC H0YB04
21770	TIMP2 A0A024R8V7	SLC01A2 A0A024RAT5
21771	COX1 A0A059RKY1	RNPEP Q7RU04
21772	OR10C1 Q96KK4	CYTB H9A782
21773	HNRNPM A0A087X0X3	SAP30BP J3KS14
21774	INS I3WAC9	COMT A3F7Q6
21775	PRKACB B2RB89	GGA2 H3BPI3
21776	RHOC Q5JR08	CHMP6 I3L4G8
21777	G3BP Q5U0Q1	ARL5C A6NH57
21778	PRRG4 Q9BZD6	HLA-C M9P9T0
21779	ABCD4 E9PI46	HLA-DRB1 D0V3Q2
21780	CYTB A0A059SED0	NDUFA7 Q6FG42
21781	PIKFYVE Q9Y2I7	UGT1A9 A9UKF4
21782	ZBP1 Q9H171	TUBA1C F8VS66
21783	DDX60 Q8IY21	TPSD1 Q9BZJ3
21784	GTF2H2C D6RAW1	PMAIP1 Q13794
21785	ND1 H9S4I5	ZNF420 K7ERS3
21786	VCX Q9H320	PLA2G4C Q76EY9
21787	SEPT5 G3XAH0	REG3G Q6UW15
21788	SGCG Q13326	MFNG A9UJQ0
21789	EIF4E2 B8ZZ50	ERCC5-201 A0A090HNM7
21790	SSX3 Q99909	GALNT9 Q68VJ2
21791	MME C9IYX7	ND3 Q4VFA1
21792	PKM2 A0A024R609	RPN1 F8WF32
21793	GGT Q9UEN8	GPI K7EIL4
21794	SNW1 G3V4X8	HIST1H2BL Q99880
21795	SLC16A7 F8W1M4	WBP5 Q9UHQ7
21796	HLA-A D0EZJ9	HLA-B C7E567
21797	BMP2 C8C063	ATP6 Q4F0F9
21798	DYNC1LI1 E9PHI6	MRPL50 Q8N5N7
21799	MMP2 H3BV48	ANAPC11 J3KSK3
21800	ZNF786 Q8N393	ND5 A0A023QSS7
21801	F9 Q19UI2	ND3 W8D464
21802	LOXL2 E5RHH3	ND6 U3L5W2
21803	ZMIZ2 E7EWM3	PXDN Q92626
21804	CTNND2 D6RBA8	SDPR O95810
21805	F5 C8C1T0	AZGP1 H7BZJ8
21806	HHAT Q5VTY9	TRMT10C Q7L0Y3
21807	B4GALT7 D6RDJ8	ATXN3 D3VVD3
21808	RBM33 Q96EV2	GCFC2 P16383
21809	C1orf174 Q8IYL3	SMCHD1 J3KTL8
21810	COX2 B2YKU2	KRT1 H6VRG1
21811	ST6GAL2 Q96JF0	PNPLA6 Q8IY17
21812	TBC1D10B Q4KMP7	WASH A9QQ13
21813	SIRPA P78324	KRT27 Q7Z3Y8
21814	PADI4 Q6EVJ7	HLA-B D4HPB5
21815	NOTCH1 H6VYP1	ND5 A0SBN6
21816	F9 Q19UJ1	YWHAB B5BU24
21817	B3GALT5 Q9Y2C3	GLS2 A0A087X004
21818	TGFBR3 Q03167	UNC5C A0A087X152
21819	ND5 A0A023QFH0	KLK3 A0A0B4J1X3
21820	PAH J3KND8	PNLDC1 Q8NA58
21821	COL5A2 P05997	TLR-4 D0EWT7
21822	C9orf69 H3BQM9	MTMR3 G5E953
21823	MLPH A0A024R4D3	CACNB2 Q6TME0
21824	HLA-A D9IFQ7	SMARCA2 P51531
21825	WISP3 I6L9I2	IRF9 Q00978
21826	HLA-A M4QEH4	HLA-C C5J013
21827	HLA-C D7NNW3	HLA-DPB1 B9W6F8
21828	ZBTB48 K7EM76	HLA-A Q5ZGM8

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 21830 GLYATL1|E9PP99 DYNC1H1|Q14204
 21831 MSS51|F6VAV3 FLT4|A0A0A7DZ98
 21832 ERAP1|A0A0A7E6P4 MAPT|P10636
 21833 ND2|D8L3T3 FANCA|O15360
 21834 LRRRC20|Q8TCA0 POM121L1P|Q3SYA9
 21835 KMT2A|E9PR05 OR1D5|P58170
 21836 KRT10|P13645 EIF4B|Q7Z5Y0
 21837 IL9R|Q01113 DOCK7|A4FU72
 21838 hCG_2043376|A0A024R0I3 TNNT2|E7EPN8
 21839 MOCS3|O95396 BRDT|Q58F21
 21840 DNAJA2|A0A087WT48 PLD4|G3V3J8
 21841 LAMTOR5|E9PLX3 GRM4|V9GYR3
 21842 ZMYM1|Q5SVZ7 CCHCR1|M1T2K8
 21843 SOX11|Q05CH0 hCG_40815|D3DW67
 21844 ECI1|P42126 MRPL4|Q9BYD3
 21845 ZNF337|Q9Y3M9 FUT1|U5NK91
 21846 C17orf67|Q0P5P2 C15orf38-AP3S2|H0YMK0
 21847 ND5|H9T7P9 MYO9B|M0R0P8
 21848 ND1|A6YXP5 MCCC1|Q96RQ3
 21849 LGMN|G3V3Z4 EIF4A3|P38919
 21850 GPRC6A|Q5T6X5 MAX|Q8IYC6
 21851 RNF180|Q86T96 ND5|A0A0A0PWB3
 21852 HYKK|A2RU49 ND4|B5M7S8
 21853 HLA-C|U5YC89 CPXM2|Q49AT5
 21854 GNG2|G3V2N0 NOXA1|Q86UR1
 21855 ALDH1B1|P30837 MET|B5A943
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 21858 ATP6|A0A023QTT5 ZNF639|Q9UID6
 21859 ARHGEF9|A0A096LNQ4 HLA-C|F1CCJ7
 21860 DOK3|D6RC22 TPH2|B3VS30
 21861 MTMR14|C9JSR1 ATL2|H7C3A2
 21862 ZFP1|H3BV40 CYP3A4|Q7Z448
 21863 EYA3|Q99504 MICU1|E9PQV6
 21864 PKLR|P30613 CYTB|A4ZLP6
 21865 HLA-C|P10321 YIPF3|Q9GZM5
 21866 PHRF1|B7ZM65 PATE4|P0C8F1
 21867 NADH2|Q4G6W4 ATP11B|H0Y8C7
 21868 CDC26|A0A024R832 CYTB|A0A097KTZ7
 21869 NCF1|C9J155 CCR5|A0A089G3N4
 21870 ND1|H9QT41 MADCAM1|Q5PY60
 21871 GPR15|B6V9G9 ZNF131|D6RBK1
 21872 APOC1|K7ERI9 SMC2|Q32Q15
 21873 TLR6|D6R979 HLA-DQB1|A0A0A7C9Y8
 21874 HLA-A|A0A0A7C8N8 RAB11B|M0R377
 21875 CENPB|P07199 HLA-G|Q6B9Y0
 21876 cytb|A7XSF7 CTU2|H3BSW6
 21877 LTB4R|Q15722 RHD|Q70HW2
 21878 ZNF444|K7ELZ3 ETNK2|A0A024R976
 21879 SIGLEC10|Q96LC7 BORCS8-MEF2B|H3BNR1
 21880 HLA-C|M9PAG0 MRPL15|Q9P015
 21881 CYTB|X5BH36 PLCXD1|A0A0A0MSZ3
 21882 HIST1H2AA|Q96QV6 MCPH1|Q6RAS8
 21883 GPD5|A0A024R5K7 DKFZp686N224|Q6N074
 21884 DDAH2|Q5SSV3 CYTB|X2CNB4
 21885 HECTD2|Q5U5R9 PRDX1|A0A0A0MSI0
 21886 CSTF1|Q05048 PARP1|P09874
 21887 ATP6|G9LGH0 VTN|P04004
 21888 COL6A2|P12110 HLA-DQB1|U3Q5I2
 21889 NADH5|Q4GVS7 SLC4A11|R9UNY3
 21890 NADH6|Q4GIS7 ZBP1|A2RRL9
 21891 ND5|G9LEE7 CHCHD6|Q9BRQ6
 21892 HLA-C|A0A0A7C4T0 ERBB2|P04626
 21893 F8A1|Q0GE96 TIGIT|Q495A1
 21894 PLCXD2|Q0VAA5 HLA-DQB1|I4EPL2
 21895 COX1|A0A059RR31 HLA-C|M9PA45
 21896 DKFZp434K0126|Q9NTC4 HLA-C|K7P4Z7

21897 ATP6|H9T5P5 KCTD1|J3QRK1
 21898 OTUD6A|Q7L8S5 GMPR2|H0YKE1
 21899 HLA-A|D7NNU1 FBX032|Q969P5
 21900 TEAD4|H0YGS2 C3orf17|Q6NW34
 21901 HLA-DPB1|N0A4F7 PLK1|I3L2H5
 21902 PRKD2|A0JLT6 PDE7B|A1E5M1
 21903 ZNF415|M0QZ38 ND1|A0A096WL34
 21904 HLA-A|D6CIB2 HLA-C|A0A0A7C7W6
 21905 C2orf24|A0A024R432 TAP1|Q6QWC0
 21906 SLC16A1|P53985 HNRNPA1|F8VYN5
 21907 ACER3|E9PLZ9 UEVLD|Q8IX04
 21908 HLA-E|Q6DU44 ARL5C|K7EM39
 21909 MMP11|E9PED7 RUNX1T1|E5RHJ8
 21910 HLA-A|I2GAD6 ESRRA|P11474
 21911 USP36|K7EMM6 FGG|D3DP16
 21912 ND4|A0A096WW63 ATP2A1|O14983
 21913 CYTB|E7E3W8 HLA-A|G1EPG0
 21914 VGLL4|E7EWF5 MRPS18C|A0A024RDH9
 21915 PDZD3|A0A024R3L5 GIPR|K7EPD9
 21916 GRIN2D|O15399 SHROOM4|Q9ULL8
 21917 CCDC43|Q86WV7 FAM83A|Q86UY5
 21918 CYTB|B2KLH3 APRT|Q12898
 21919 DOHH|Q9BU89 ERF|P50548
 21920 FAM105B|Q96BN8 FHL1|Q5JXI8
 21921 ANTXR1|NNG1|Q508I7 HLA-Cw|B5AFW7
 21922 WNK3|Q9BYP7 ZNF365|Q70YC4
 21923 KEL|W5XPK6 TRPM7|A0A024R5V1
 21924 PIK3C2B|B7ZM86 GLA|P06280
 21925 ILF3|K7ENK6 TNFRSF21|A0A024RD71
 21926 PABPC1L|Q4VXT6 ND1|E5DZE0
 21927 CD163|D3DUU0 GPER|Q63ZY2
 21928 ME3|E9PNN2 CTDSP2|A0A024RBA6
 21929 GCK|Q53Y25 HPS5|Q9UPZ3
 21930 CNTFR|P26992 THOC1|A0A087WWS1
 21931 TSR3|Q9UJK0 ND6|A0A0A0PWY2
 21932 KEL|X5FSQ3 VEZT|F8W8C2
 21933 ATG4B|C9JVD5 ND1|B2XQK2
 21934 SIKE1|Q9BRV8 FLT3LG|P49771
 21935 IFITM3|H9NL19 FETUB|C9JC68
 21936 MRPS9|P82933 ANXA6|E5RK63
 21937 HEL97|V9HWJ9 IRF5|A0A024R763
 21938 HLA-C|D6MJH9 VCAN|P13611
 21939 HLA-DPB1|A0A0A1TTQ1 ITGB4|J3QQL2
 21940 PKNOX1|P55347 TINAG|Q6NSC1
 21941 SF1|H7C561 MAN2B1|M0R174
 21942 P2RY4|C6G7W4 ST3GAL1|E5RGL4
 21943 MEIS1|H0YNY8 DKFZp781P0919|Q68DV8
 21944 FLT4|A0A0A7DYC7 PRCP|E9PL49
 21945 HLA-DPB1|A0A0A7C5N9 HLA-C|G1EMR9
 21946 HLA-C|F2VNR3 HARS|B4E1C5
 21947 SOGA3|E9PJP2 GSTM2|Q0D2I8
 21948 PLEKHG6|D3DUR0 HLA-A|A0A0A7C3Y0
 21949 ADAP2|J3KT70 CCR2|A0A024R2Q0
 21950 UTY|F4MHS2 HLA-B|C9E1H2
 21951 FUT1|Q4JGW8 LGALS9C|Q6DKI2
 21952 CA1|E5RHP7 BMP2|C8C068
 21953 COX1|A0A059RSB9 EIF2C3|A8KA05
 21954 NDUFS1|F8WDL5 GIR|Q9H011
 21955 CPEB2|H0Y9D9 MKRN1|A1L0W6
 21956 SYNJ2|X6R647 ORC1|Q13415
 21957 TRAPPC9|Q96Q05 RELA|Q96F54
 21958 TD02|P48775 ADAMTS4|O75173
 21959 HLA-DQB1|U5IS72 APOA2|P02652
 21960 CLTCL1|A0A087WXH4 NUCKS1|Q9H1E3
 21961 SPAG8|Q99932 COX1|B7TD03
 21962 ZNF445|P59923 EXOG|H7C0W6
 21963 C1QTNF1|Q9BXJ1 HLA-B|G8HT90
 21964 ACAD11|Q709F0 HLA-C|G3DR65

21965 KIF21A|A0A024R0V9 CYTB|C1IF78
 21966 HOXA13|P31271 GIMAP8|Q8ND71
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 21968 MTCH1|Q9NZJ7 CYTB|Q15IN4
 21969 EEFSEC|P57772 A1phaTFEB|Q86WB1
 21970 ATP6|C8XV02 ATP6|A0A075X6V9
 21971 COX3|A1DTV1 ATP6V1G2-DDX39B|F2Z307
 21972 TTC9B|Q8N6N2 ZDHHC22|Q8N966
 21973 PCMT1|F8WAV5 ZNF630|B2ZWG8
 21974 ZBTB32|Q9Y2Y4 GCM2|O75603
 21975 HLA-C|G1ENM2 DKFZp686L20222|Q5H9N4
 21976 CENPP|X6R9C8 SRP9|Q6P2S0
 21977 HLA-B|G1EMK5 BSCL2|J3KQ12
 21978 FYC01|H7BZ74 HLA-C|F4YU98
 21979 CYTB|U5YYS4 BTN3A1|O00481
 21980 RPS3A|A8K4W0 NAA38|O95777
 21981 NIN|E9PJH9 TUBGCP6|Q96RT7
 21982 HEL74|V9HWF3 ROB01|H7C545
 21983 ATP6|Q4F4R7 FZD2|Q86UZ8
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 21985 RPLP0|P05388 GDE1|H3BRL5
 21986 ESX1|A6ZIT4 COX1|A0A059RKL5
 21987 MRE11A|A0A024R395 ND1|A0A096WG04
 21988 BDH2|D6R9U8 ALAS2|Q86YM3
 21989 PITRM1|A0A0A0MRX9 CYP1B1|Q53TK1
 21990 CPEB|E1CJT3 AHCYL1|Q9BTL0
 21991 ARHGAP22|A6NJ38 CAMKV|B4DSW8
 21992 ELMOD1|E9PLM8 CTNNB1|B5BU28
 21993 CST3|P01034 CEP192|K7ERF9
 21994 SLC4A9|Q96Q91 AID|Q7Z599
 21995 APBB3|O95704 EXOG|H7C0W6
 21996 PC|E9PRE7 EPB41L2|E9PMG5
 21997 ABHD14A|Q9BUJ0 MYOF|Q9NZM1
 21998 PRNP|IP|B4DN03 AGAP4|A0A087WTP8
 21999 ND5|F1AZ42 PAPOLA|G3V2A0
 22000 HLA-B|A1DZU0 HLA-A|A0A076J526
 22001 TPD52L1|Q16890 TRAF2|A0A024R8H5
 22002 HLA-B|Q53ZP0 SCAP|F8WEH8
 22003 MBD3|A0A087WZ12 ND5|B2XQI6
 22004 HLA-C|U5YF18 THOP1|K7EL02
 22005 SPHK1|Q53ZR5 HLA-C|M9P9T3
 22006 CDH8|J3QKW5 THAP2|Q9H0W7
 22007 HLA-B|D3XDF4 MCAM|A0A024R3I5
 22008 SNX6|H0YJF8 POU3F1|Q03052
 22009 CDH4|P55283 PCDHGC3|A0A087X1P2
 22010 tryptaseC|Q96RZ6 RBM14|B8ZZ74
 22011 HLA-C|M9P8R6 GDE1|H3BU22
 22012 SMPDL3B|Q92485 HLA-A|A0A0A7C8K7
 22013 ATP2A2|B0FYL2 OR11G2|Q8NGC1
 22014 SLTM|A0A024R5X3 ALCAM|Q13740
 22015 SNRPA|M0R2B8 HLA-C|S4T705
 22016 DLGAP2|X5D8Z1 HAUS3|Q68CZ6
 22017 IQCA1|A0A0A0MSY6 GNAT3|A8MTJ3
 22018 CD5|F5GYK3 STT3A|P46977
 22019 MYC|B3CJ94 HLA-C|D5L9E0
 22020 CHMP2A|A0A024R4S0 PDGFD|Q9GZP0
 22021 SLC12A4|J3QSF2 LCAT|J3QSE5
 22022 CYLC1|A0A087WXC8 ABCC5|C9JZL5
 22023 TMED8|Q6PL24 AP4B1|B1ALD2
 22024 SERGEF|G3V1B4 HLA-A|D6MKZ4
 22025 COX3|Q2HKI3 FUT8|Q546E0
 22026 LARGE|X5DRG1 HDDC2|Q7Z4H3
 22027 WISP3|I6L9I2 CYTB|Q4F224
 22028 WARS|G3V3X0 BMP2|C8C061
 22029 ND5|A0A023I807 GDF8|A1C2F0
 22030 COX3|A8JLT5 ZNF324|O75467
 22031 LLGL1|Q15334 ND2|A4ZLH0
 22032 COX1|N0BWE9 PPBP|P02775

22033 RPUSD3|H7C2C3 STXBP3|000186
 22034 USP2|075604 HLA-A|A0A0A7C5E9
 22035 MRPL49|Q13405 SRSF5|B4DJK0
 22036 CCND3|D6RI00 HLA-B|E9BVW0
 22037 DKFZp781N1972|Q6AI28 PSEN1|G3V519
 22038 LTA|Q6WQV6 ND5|A0A097PX07
 22039 B4GALT4|C9J4S5 ND5|Q8WCX1
 22040 CYP2D6|C1ID54 PIGT|Q969N2
 22041 LCE3E|Q5T5B0 HLA-DPB1|A0A0A7C8G4
 22042 TNNT1|M0QZY5 MAGEA12|Q6FHH8
 22043 TUBB6|K7EQT3 ABCA12|E9PBK1
 22044 ZNF678|Q5SXM1 COQ7|H3BP28
 22045 ACBD5|Q5T8D3 EIF4A2|E9PBH4
 22046 HLA-C|F4YZV6 PTPN22|E9PM87
 22047 SLC26A4|C9JQG1 CYTB|A0A059QMD4
 22048 ND2|F2WIJ8 HLA-DR15|D5G2K8
 22049 ND4|G9LGD5 TGM5|A0A087WVW4
 22050 COX6A2|Q02221 VDAC3|E5RK27
 22051 TNFAIP3|A0A087WU80 RGS12|Q56A82
 22052 ND1|B2XGX5 SLC4A10|E7EW28
 22053 MKRN2|Q9H000 ICAM2|J3QRQ1
 22054 RANBP1|C9JGV6 NFIB|U3KQE8
 22055 HLA-A|F2VP64 COL6A6|A6NMZ7
 22056 NADH4|B9EED1 PRMT6|Q96LA8
 22057 PIK3C2B|Q5SW98 TKTL1|P51854
 22058 HOXA13|P31271 ND2|H9QNT4
 22059 SUGP1|Q8IWZ8 CYTB|G9LJF4
 22060 ND1|R4I9W6 HLA-A|A8DA04
 22061 RPL30|E5RJH3 NPEPP5|E9PPD4
 22062 RHD|H8WR11 RPUSD4|A0A024R3K2
 22063 HLA-DRB1|Q30130 ING5|E9PEN0
 22064 C5orf63|A6NC05 UTY|F4MHS3
 22065 LAMC1|P11047 HLA-A|U5YBP0
 22066 MST1R|Q04912 C3orf58|Q8NDZ4
 22067 MPO|J3QSF7 KATNAL2|K7EPQ6
 22068 ACSF3|Q6P2C7 MRPL23|A0A024RCB2
 22069 POLR1B|H7C0D9 PRSS3|Q8N2U3
 22070 MFSD10|D6RA47 HLA-C|Q7YNY5
 22071 FAT4|X2GA64 HLA-C|A0A0A7C7Q7
 22072 PYHIN1|Q6K0P9 INVS|Q9Y283
 22073 HAPLN1|A0A024RAK9 FBX024|075426
 22074 ACTA2|D2JYH4 VGLL4|E7EWF5
 22075 SPOCK2|F5H283 UTY|F4MHI3
 22076 COX3|A0A059QFL5 HLA-B|E2GJN2
 22077 FLJ10769|A0A024RDX4 KEL|G8FSZ0
 22078 RPL37|D6RG19 HLA-DPB1|A0A0A7C8P5
 22079 HLA-A|U5YED5 HLA-DRB1|L0BXM1
 22080 DDR1|A0A024RCL1 LGALS9|000182
 22081 HELZ|A0A024R8K8 CYTB|A6Z9H2
 22082 COX3|M1LF78 COX3|Q0G899
 22083 ESR1|B5TZ81 HDGFRP2|K7ERA4
 22084 PXT1|Q8NFP0 UGT3A1|A8K444
 22085 ARHGAP45|F5H1R4 ASPM|Q8IZT6
 22086 DCK|D6RCP9 AGTR2|P50052
 22087 SLC10A5|Q5PT55 STARD6|P59095
 22088 MICA|Q9UE00 F9|Q19UL0
 22089 ABCC4|Q8IUA3 CDH8|J3QLE6
 22090 PTPRK|Q15262 HLA-A|D0VFI1
 22091 NFE2L2|C9J3K4 PIG60|A8YXX5
 22092 CYTB|E2DEX2 C14orf68|A0A024R6H7
 22093 TJAP1|Q5JTD0 TRPM3|H7BYP1
 22094 HLA-C|F2X642 FOXP4|Q8IVH2
 22095 AF1Q|Q6FGF7 CCR5|A0A089G7F7
 22096 C10orf28|Q4KMT0 COX3|Q5Y0H4
 22097 PMM2|H3BT06 USP10|H3BVF1
 22098 SEMA4C|Q9C0C4 EVI5|O60447
 22099 TOMM40L|Q9H9G4 HLA-C|I6NWM3
 22100 ATP6|B2D398 CD72|P21854

22101 HLA-DPB1|Q8MH49 DENR|O43583
 22102 OR5M10|Q6IEU7 PRMD9|D9IWL4
 22103 HLA-C|D3G9I9 SIPA1L1|F5GYF8
 22104 ABCA5|K7EKS9 CYTB|X5DV23
 22105 ARHGAP4|Q6PJ34 CARM1|K7EPK1
 22106 AHCYL2|C9K0S0 DPPA2|Q7Z7J5
 22107 PCDHB7|Q53HA3 HLA-C|D7NSS2
 22108 GPRASP2|Q96D09 PR|Q8NG45
 22109 RHD|B2ZGP8 COX1|A0A059QUZ1
 22110 HLA-C|D7NP03 RNF14|D6RBK4
 22111 CYTB|A6Z9H2 NFX1|A0JLR2
 22112 STIM1|E9PRZ7 SLC4A4|A5JJ20
 22113 C16orf87|Q6PH81 TSC22D3|D6RAX8
 22114 CELSR1|H0Y7R9 PSMB7|Q6IBT1
 22115 OR2AP1|Q8NGE2 ND2|G9LGG6
 22116 ASB11|Q8WXH4 HLA-C|Q8MGY4
 22117 ARID3A|Q99856 ESX1|A6ZIS3
 22118 ITGA1|P56199 HLA-C|A8YQF2
 22119 GPATCH11|A0A0A0MSF9 STX3|Q13277
 22120 PPP1R14A|A0A0B4J2A3 FGA|Q3KRA7
 22121 TCEB1|E5RHG8 HSF4|H0YC39
 22122 KRT14|P02533 GBE1|Q04446
 22123 MIEN1|Q9BRT3 SNX11|B4DJI7
 22124 HBA1|I1VZV6 RPS21|Q6FGH5
 22125 ATP5G1|I3L0Y5 GLUD1|Q14400
 22126 MED26|M0R2P1 ARCN1|Q6P1Q5
 22127 KCNK5|O95279 ANLN|Q9NQW6
 22128 INPP5E|Q9NRR6 SLC46A2|Q9BY10
 22129 HLA-DQB1|L0BWZ9 CCAR1|Q8IX12
 22130 HEXIM2|K7ELS4 PTBP3|X6R242
 22131 MHC2TA|Q66X48 MAFK|O60675
 22132 CYP4F11|V9GYP6 MTMR2|C9JEX3
 22133 SMG9|Q9H0W8 RAB6A|F5H3K7
 22134 HLA-C|I6ZTR7 KIF13B|D3DSU3
 22135 SAA1|E9PQD6 ATP9B|K7EPH4
 22136 CIRBP|K7EPM4 ABCC9|K4DI86
 22137 TUBA1A|F8VQQ4 OLFM1|Q96BL8
 22138 PTPN7|C9IYI6 SSNA1|A0A024R8G6
 22139 TLK2|Q86UE8 NADH5|Q4GUC0
 22140 ND5|U5KP70 SMG1|A0A087X1K8
 22141 FBX040|Q9UH90 HLA-C|C8CHC2
 22142 HLA-B|X5MPH2 UPK2|O00526
 22143 TRPM7|A0A024R5V1 COX3|A0A059RHB6
 22144 HOXB6|P17509 HLA-C|Q6T715
 22145 PPARGC1A|A0A024R9Q9 BTBD9|C9JSN9
 22146 EWSR1|F8WC90 CIZ1|A0A024R885
 22147 CST5|P28325 NME7|Q9Y5B8
 22148 UGT1A9|A9UKF4 ND2|V9JTH3
 22149 WNT16|Q9UBV4 COX3|A0A059RNN3
 22150 PTTG1|E5RJR4 MYH11|P35749
 22151 ATP2B4|H7BZS8 POMC|K7QX51
 22152 OR5H6|Q8NGV6 PDHB|P11177
 22153 HLA-A|Q7YNX9 ATP7B|G1FFF1
 22154 WDR11|Q9BZH6 PGRMC1|O00264
 22155 HBB|Q9UK54 AQP12A|C9J6F6
 22156 COX1|L7XRA8 KCTD1|J3KSG1
 22157 GORASP1|A0A024R2U5 LMX1B|Q6ISE0
 22158 ATP6V1E1|Q53Y06 ADAL|H3BUD6
 22159 PAPOLA|G3XAH6 ZNF547|Q6IBE5
 22160 ZNF830|Q96NB3 SAMD8|Q96LT4
 22161 CABLES1|A0A024RC20 ALMS1|A0A087WV20
 22162 SAR1A|X1WI22 EGFL7|A0A024R8F5
 22163 PRMT5|G3V5T6 ARID3B|Q8IVW6
 22164 TRIM17|J3KNZ3 PLAC1|Q9HBJ0
 22165 ATP6|V9JF96 HNRNPM|M0QZM1
 22166 OR10A2|Q9H208 CHRND|F8WBS0
 22167 DGKI|E7EM72 COX3|A0A059QRQ4
 22168 MID1|C9JZJ7 ATP6|Q2HLF6

22169	MTHFD1 V9GYY3	RNF2 Q99496
22170	RHBDD3 Q9Y3P4	HBB Q8IZI0
22171	LIG3 K7EQB6	FIBP O43427
22172	IRF5 C9J7M2	ATXN3 D3VVH5
22173	ITGA11 Q9UKX5	HLA-DQA1 Q67AH6
22174	SMAD4 K7EIJ2	ND4L W8CSQ8
22175	ND1 G1K3W3	MNAB A0A024R899
22176	MPL Q5JUY5	CACNA1E E9PIE8
22177	SPNS1 H3BR82	COX1 A0A059Q5J5
22178	DTX1 Q86Y01	HLA-C F1AQR7
22179	AMBN Q9NP70	MRPL58 J3KS15
22180	SIRT3 B7WNN4	PIWIL1 F5GYG0
22181	HLA-B D3XDF5	TNXA Q16473
22182	HLA-A Q9UQU0	SEPSECS A1A4F3
22183	CYTB A0SBS7	HLA-C A0A090MF27
22184	RABGGTA H0YKZ8	OXA1L Q2M1J6
22185	HLA-DR15 G1EMW8	TRPV3 Q8NET8
22186	PIIP5K1 F8W9A8	RPS12 P25398
22187	PODNL1 Q6PEZ8	RPS23 A8K517
22188	CNPY3 Q9BT09	ND5 F2WH76
22189	IMP4 Q96G21	ATP6V1D G3V2S6
22190	EDC3 Q96F86	CYTB A0A023QSV5
22191	CYTB R9Y4P9	RBMS2 Q15434
22192	PTPN22 E9PMT0	CRYAB E9PRA8
22193	DDX24 Q9GZR7	NAT2 A4Z6U7
22194	EPPIN O95925	PARVG Q9HBI0
22195	TMPRSS13 J3KQC6	SPG20 Q8N0X7
22196	ATP8B4 H0YM66	ASMTL O95671
22197	HLA-DOB P13765	ANGPTL2 Q9UKU9
22198	MSMB P08118	MAP1LC3B2 A6NCE7
22199	FAM162A Q96A26	SNRBP Q9UIS4
22200	SNAP91 E5RIJ5	COX3 A0A059QQR4
22201	DKFZp686C09209 Q68D98	CCT7 F8WAM2
22202	RPL17 A0A087WY81	CYTB G9LKB6
22203	UGP2 C9JTZ5	ABCF2 C9JZV3
22204	ZNF621 C9JZC2	ND5 A0A059RHM0
22205	ND4 G5D7X8	CCDC88A A0A087WXD9
22206	KBTBD8 Q8NFY9	SEC23A Q15436
22207	NRIP3 Q9NQ35	PLCD4 H7C281
22208	RGS22 Q8NE09	TMEM51 Q9NW97
22209	SRRT Q9BXP5	ARL4A C9J7Q9
22210	B3GALTL Q6Y288	SYNJ1 Q05CZ1
22211	ND4 K9M3N5	ZNF691 A0A0A0MRR1
22212	ND3 A0A059QJR3	IDS P22304
22213	POLD3 Q05BV7	BCL2L1 Q5TE63
22214	CLEC4D Q8WXI8	KCNK1 Q5T5E6
22215	ND1 U5Z754	TNFAIP3 D3TTZ5
22216	NEU4 C9JRN9	ND2 E7CMJ8
22217	COI U3MA07	KHDRBS1 Q07666
22218	ZNF483 Q5VZN3	GOT2 P00505
22219	AAK1 Q2M2I8	HLA-C H9BYT8
22220	CLK2 B7Z8N6	ESR1 C0L927
22221	ECE1 E9PJG1	ZPBP C9JIS7
22222	BCAS4 Q8TDM0	CTSD F8W787
22223	CYTB E0Y4D1	COX1 X2C5C9
22224	ST1A5 Q1ET65	cytb Q4GIF9
22225	TPH2 Q14CC5	ZNF846 Q147U1
22226	CCNA2 P20248	ABCC12 B4DYN2
22227	KIAA1841 F8VWD7	NDUFAF6 H0YC61
22228	COI U3M9P5	SLC4A2 Q99654
22229	ITPKC Q96DU7	ND6 L7XJA6
22230	PABPC4L P0CB38	NFU1 F8W9P7
22231	ZMAT4 E5RIF5	PRKCH G3V4Q6
22232	COI U3M9Q8	VPS26B A0A024R3L9
22233	COX1 A0A059QM38	CYTB H9S581
22234	ACP7 M0QYV2	CYP4A22 Q5TCH5
22235	IFNB1 P01574	DKFZp686D10173 Q7Z3R8
22236	PCTK1 A0A024R183	LOC646743 H7C364

22237 C7orf16|A0A090N8N7 KIAA0430|G8JLP4
 22238 GTF2H2C|D6RGC9 AGPAT2|A0A024R8I7
 22239 HLA-C|Q545Z8 FLT4|A0A0A7DYE1
 22240 TUBB6|K7EL29 HLA-A|G1EP19
 22241 RAB6B|Q9NRW1 HLA-C|D7NNX0
 22242 ZFPL1|O95159 ER01B|Q5T1H5
 22243 CYTB|U5YYS4 ANPEP|H0YLZ8
 22244 BIN1|A0A024RAF1 RUNX1T1|W8FW28
 22245 STXBP1|P61764 ARHGEF6|Q15052
 22246 LZIC|K7ES95 hCG_1982709|A0A024RBZ0
 22247 ZNF565|Q8N9K5 ZNF33A|A0A0A0MR11
 22248 ACVRL1|P37023 FUT1|C0L7J0
 22249 CYTB|A0A0A0PTP0 DSP|P15924
 22250 HLA-A|D7NP83 ZBTB39|O15060
 22251 SDCCAG8|A0A024R5P5 CHRNA2|E5RHQ4
 22252 HLA-A|F8SKU1 OR4F3|Q6IEY1
 22253 ZEB2|E7ESP8 CELA3A|B1AQ52
 22254 HLA-A|G0ZMF4 ABCB4|A7J1Q5
 22255 RASGRP2|Q7LDG7 CCDC103|Q8IW40
 22256 PSMC5|J3QSA9 MALSU1|Q96EH3
 22257 ADD3|Q9UEY8 MAVS|Q7Z434
 22258 PRSS55|Q6UWB4 TRPV1|Q8NER1
 22259 HNRNPL|M0R1W6 CHCHD3|Q9NX63
 22260 F11R|Q6FIB4 ZNF358|Q9NW07
 22261 ND4L|H9E7P0 SMO|H7C5S9
 22262 CYTB|A6YYH9 C11orf65|Q8NCR3
 22263 PALM|A0A024R1Y6 RH0J|A0A024R692
 22264 MRPS7|A0A024R8L0 ZNF681|Q96N22
 22265 COX3|H9SVZ0 CYTB|G9LB42
 22266 ARID1B|H0Y3S9 ZIK1|M0QYQ8
 22267 HLA-C|U5YET1 GRP|Q5FBX9
 22268 HLA-C|D7NP16 C15orf57|Q9BV29
 22269 CYTB|F1B6H2 FADD|Q6LCG1
 22270 HLA-C|F6KRW5 FAM13A|D6RCC1
 22271 CYTB|Q6VJ80 HLA-C|R9RH39
 22272 CAMK1|Q14012 ST3GAL1|Q11201
 22273 SFXN1|S4R2X2 GJB2|W8FX79
 22274 BTC|P35070 KDM6A|O15550
 22275 PYCR1|J3QLK9 EIF5A2|Q9GZV4
 22276 BAIAP3|O94812 ICMT|O60725
 22277 FGFR3|P22607 S1PR3|Q99500
 22278 PPP4C|I3L4X0 SKA1|K7EP61
 22279 TNFAIP3|D3TTZ1 GCC1|Q96CN9
 22280 ATP1B3|C9JA36 HOPX|Q9BPY8
 22281 SLC23A1|H0Y902 ADORA2A|P29274
 22282 HLA-C|K7P4Z7 HLA-C|E2D5T9
 22283 ATP6|F8V4U1 PFDN4|E9PQY2
 22284 CELF4|K7EJW4 CD81|A0A024RCB7
 22285 PSMA1|P25786 MTAP|Q13126
 22286 alpha|Q7KYZ9 ARHGAP24|D6RCP5
 22287 TOX3|O15405 CCT8|P50990
 22288 DAZ2|E9PBY2 COX3|B2Z642
 22289 PSMA4|H0YMZ1 UTY|F4MHS7
 22290 AHR|A0A024R9Z8 TTLL5|Q2TAY9
 22291 ND5|Q6RQI4 POLR3H|F8WDS5
 22292 PMPCB|Q96CP5 ADGRB3|S4R3D0
 22293 SMTN|P53814 RPL38|J3KT73
 22294 COX3|A0A023QGK4 SLC19A1|H3BTQ3
 22295 BTBD3|Q9Y2F9 NR1I3|B7Z8R7
 22296 HLA-Cw|B1PL05 ZNF101|Q96F93
 22297 SOX18|P35713 Nbla00496|Q3LIA9
 22298 NUDT16L1|K7EIN2 HLA-C|G3D6E6
 22299 GGCT|O75223 SH3GL1|Q6FGM0
 22300 OR51H1P|Q8NH63 ACSM2B|A0A087WU25
 22301 RAB7L1|O14966 SLC6A17|Q9H1V8
 22302 OAS1|H0YI20 ZNF461|B4DRP8
 22303 CAVB2F|Q5UM68 HLA-A|A2VBX5
 22304 ABCB1|A1L471 HLA-A|C5IZM0

22305 DOCK7|Q96N67 AMER3|Q8N944
 22306 COX1|Q4F4Q7 BCR|ABL|A9UF08
 22307 TFAP2C|A2A2R7 RABGGTB|Q6IB63
 22308 HLA-DQA1|Q14K64 ACAA1|A0A024R2M6
 22309 TDRKH|F6TB26 NODAL|Q96S42
 22310 CYTB|C4PKA1 FAM213B|J3QKK8
 22311 SLC6A2|A0A024R6T9 LELP1|Q5T871
 22312 HLA-DRB1|B0LUU5 PIGN|K7EJM6
 22313 FNBP1|H0Y7W6 HLA-DPB1|A0A0A7C9D1
 22314 RBM39|Q14498 cox2|X2D537
 22315 NABP2|Q9BQ15 PCDHB3|Q9Y5E6
 22316 SNX8|Q9Y5X2 ND2|F1B6V4
 22317 NFKB1|A0A024RDJ4 ACSM2B|H3BTX9
 22318 ZKSCAN7|E7EMM9 ND5|V9N6J1
 22319 ZNF674|Q2M3X9 HNRPLL|D6W592
 22320 HIPK2|A4D1R9 ND1|L7SJJ7
 22321 TTC39B|Q5VTQ0 DCDC2C|H7C242
 22322 CPSF1|Q10570 NDUFB5|O43674
 22323 DDR1|H0Y9F4 ATP8|Q94P44
 22324 UTY|F4MHA3 P4HA1|Q5VSQ6
 22325 PCMT1|F8WAX2 C5|P01031
 22326 PPAP2C|O43688 PFK2|Q9UBT0
 22327 PRPF31|F1T0A5 ATR|D6RFJ6
 22328 LEF1|Q9UJU2 ITGB1|E9PLR6
 22329 VPS26B|Q4G0F5 ATP8B4|H0YLC1
 22330 APOC4-APOC2|K7ER74 UCHL1|P09936
 22331 ND1|H9S4I5 RSC1A1|Q92681
 22332 ND5|Q306C1 PRMD9|D9IWM3
 22333 GalNAc-T17|Q58A53 HLA-C|C6JSZ0
 22334 DNPEP|Q9ULA0 ATP6|F8V422
 22335 TNNT3|P45378 CARD10|Q9BWT7
 22336 AVL9|Q8NBF6 ADCY4|Q8NFM4
 22337 ENO2|Q6FHV6 HLA-C|D5FZM4
 22338 UBA52|Q3MIH3 CTDSP12|Q05D32
 22339 COX1|Q7Y7K9 EIF3A|Q05BS0
 22340 CYTB|E5FWB6 HLA-C|V5LKW0
 22341 HLA-C|E5D6M3 SLFN14|P0C7P3
 22342 ALAS1|P13196 cytb|Q85KX6
 22343 MTFR1|Q15390 PUM2|B7ZL34
 22344 ND4L|A0A059S1B9 SMAD7|K7EKF0
 22345 ND1|A0A059QSN6 AP4M1|H0Y6K1
 22346 IQGAP2|F5H7S7 PGLYRP1|O75594
 22347 DHODH|I3L449 ND3|A0A075XDK3
 22348 ATP2A1|H3BTF1 NPLOC4|Q8TAT6
 22349 SPACA3|Q8IXA5 SYNGAP1|Q96PV0
 22350 STK25|C9JDH9 DEAF1|H0YCH1
 22351 LOC90693|A0A024RA08 HLA-DPB1|A0A0A7C8V4
 22352 HNF1a1pha|B8YNU9 BCAP29|Q9UHQ4
 22353 DKFZp686N1481|Q6N053 HLA-B|E5D6L0
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 22355 CYTB|F1B7N1 PTPRN|H7C0U9
 22356 CYTB|H9S9G9 RFC2|A0A087WVY3
 22357 RHOF|D6RA52 EPB41L2|Q6R5J7
 22358 ND4|F2WIF4 VAMP8|Q9BV40
 22359 CCDC88C|G3V3S0 CBFB|Q13951
 22360 ND1|Q4EYR6 HACE1|Q8IYU2
 22361 HECW2|Q9P2P5 APPL2|Q8NEU8
 22362 HLA-DPB1|A0A0A7CA93 STX1B|H3BT82
 22363 ZNF561|F8W7U5 LIMS3L|P0CW20
 22364 TGM5|O43548 CD40|P25942
 22365 AR|A0A087X1B6 HLA-DQB1|L0BX86
 22366 BLK|E9PJX5 TNS1|E7ERH1
 22367 HLA-C|D6C6G3 CHEK2|B7ZBF6
 22368 ESR1|C8CD01 CS|F8VX68
 22369 CALCR|A0A0C4DG16 HLA-C|A0A0A7C4Y5
 22370 APOL1|O14791 ASH1L|Q9NR48
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22378	PRKRA F8WEG8	CYTB B2D3N5
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22385	AK2 F8W1A4	TAC4 Q86UU9
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22387	HLA-C G1EMQ7	CUBN O60494
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22404	ACSM2A I3L2Y5	EXTL3 E5RIV6
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22406	MAN1A2 H0Y543	KTN1 G3V4L8
22407	RTL1 A6NKG5	MGAT1 P26572
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22410	LRRK1 Q38SD2	S100G P29377
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22423	SP3 Q8WWU3	VPS33B G3V3F9
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22428	CYTB X5C498	PSMB9 A2ACR0
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22430	CABP2 Q9NPB3	HLA-C G1ENV2
22431	BSX Q3C1V8	STX5A B4DKR0
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22434	GATA-4 Q13222	ADPRHL2 B7ZAN4
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22437	SP4 Q02446	ZNF528 C9K0H2
22438	CYTB Q6VHJ3	ARHGEF19 Q5TEV0
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22440	ATP6AP1 A6NLC6	ARL16 Q0P5N6

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22453	SEC31B Q9NQW1	ND4 A1DU19
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22457	SIGMAR1 Q99720	PPP2R5B Q15173
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22460	GTF3A Q92664	WNT9A D9ZGG3
22461	INSRR I6U4P1	MTSS1L Q765P7
22462	DHRX Q8N5I4	ZMYND8 A0A087WYS3
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22487	RFX2 K7ES56	RAB1A Q5U0I6
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 22538 ND5|A0S2X6 PARP-6|J7MDH3
 22539 ND5|H9PDW3 PDX1|P52945
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 22541 HLA-DPB1|A0A0A7C6K2 LUZP4|Q9P127
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 22562 HLA-A|D6ML17 TRPM3|A2A3F4
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22713	RHD D1H102	PCDHB11 Q9Y5F2
22714	COX3 A6YX95	HLA-C D3JTB0
22715	HLA-C I6S7X9	IDUA H0Y9R9
22716	pp6318 Q8WYU7	MGAT1 D6RD15
22717	FN3KRP Q9HA64	HLA-DQB1 A0A0A7CAJ0
22718	HLA-B C0KLQ0	CAB39 A0A024R496
22719	THBS3 B4DQH6	NKAIN4 Q8IVV8
22720	ZNF653 K7EJG9	CDC20B Q86Y33
22721	HLA-DQB1 F8LFZ1	RPS6KC1 F6RJM5
22722	RELA E9PNK5	RPS15 K7ELC2
22723	LRRTM1 Q86UE6	ZNF444 K7ESL2
22724	ZNF347 Q96SE7	FLJ10769 B4DQR1
22725	SLC24A4 H0YCX3	MPHOSPH10 O00566
22726	TDP43 A0A0A0N0N3	OCSTAMP Q9BR26
22727	HLA-C V5LM38	RDX E9PNV3
22728	CFTR Q9UMN4	GJB7 Q6PEY0
22729	ZNF646 C9J3L0	HLA-C V5NWG6
22730	AP2M1 C9JTK4	COX1 D9MZX8
22731	CHRM5 Q8IVW0	RDH8 Q9NYR8
22732	HSD17B6 O14756	WNT4 B1AJZ6
22733	HLA-A F2VND6	C3orf38 Q5JPI3
22734	PFDN6 A2AB88	CMPK B2R6S5
22735	FMR1 R9WPL0	EEF2K H3BRH4
22736	HLA-DPB1 Q860Z5	EIF4EBP2 Q6FG68
22737	ND1 B2YB73	RAD51B C9J5S9
22738	APH1B Q8WW43	WNT10B B5MCC8
22739	IARS Q5TCD1	AGBL2 H9KV53
22740	HLA-DR15 D7NST0	ELM02 Q5JVVZ8
22741	PELP1 I3L4M7	ETFDH Q547S8
22742	ZNF775 C9JVG2	PLEKHH3 X6R3U4
22743	CYTB A0A023I7F4	MGAT1 D6RAK2
22744	HLA-A D7NNR5	EHMT2 A2ABF8
22745	PAQR9 Q6ZVX9	RHEBL1 Q8TAI7
22746	FGF11 Q6LA99	ZSCAN1 A0A024R4R0
22747	ND2 Q15H38	COX1 V9N3I6
22748	RPS6KA2 F2Z2J1	ALDH7A1 P49419
22749	CYTB H9SJ23	CYTB A6Z9H2
22750	MMS22L Q6ZRQ5	DKFZp686F13142 Q7Z2W2
22751	ESR1 B5TZ77	HLA-A R9WYX8
22752	TBC1D3G Q6DHY5	ATP6 A6ZHM2
22753	ITGA5 A0A024RB01	bc1-2 A9QXG9
22754	HLA-C S6B6S2	MED11 I3L2Q0
22755	COX1 L7XWN7	SEC62 A0JLN5
22756	ND3 H9MNC8	DTL Q9NZJ0
22757	ZNF528 F8WAL3	AFDN F8W9I4
22758	USP45 H0YA21	SLC25A19 J3QL84
22759	CS A0A0C4DGI3	DDX51 Q8N8A6
22760	HLA-A I3UI53	HLA-DQA1 Q14K63
22761	RUSC1 Q9BVN2	RAB13 A0A087WWB9
22762	PTHLH P12272	SMAD5 H0YAM3
22763	MTMR1 B7Z3D5	ZNF131 H0Y974
22764	ND6 A0A097Q4B7	ATPase Q9B1A3
22765	HS24/p52 O14992	EXOSC6 Q5RKV6
22766	TRAPPC3 A0A087WYS5	HIBCH H7C400
22767	PADI3 Q9ULW8	ATP8 Q6RNJ6
22768	SNRPE P62304	HLA-C Q8HWM5
22769	ADAD2 Q8NCV1	A1CF Q7Z2U9
22770	PAWR Q96IZ0	ATF2 A4D7U9
22771	SERHL2 Q0VDJ0	COI U3M9T5
22772	ANPEP H0YMC1	TRPM5 B7ZKS6
22773	PRMD9 D9IWM4	GPD1 P21695
22774	THRAP1 A0A024QZ75	COL4A5 H0Y9R8
22775	CNTN1 F8VUI8	USP32 Q4VC15
22776	COX3 V9JEP3	SLC9A3R2 H3BUQ9
22777	HOXD11 A0A087WWK9	TMEM64 Q6YI46
22778	DNAI1 Q9UI46	ALDH3A2 J3QKK9
22779	DDX1 A3RJH1	BRCA1 E9PC22
22780	TMEM198 Q66K66	CROP Q6PKC2

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 22782 ND6|U5Z8L9 cd21|O15181
 22783 PLA2G12A|Q542Y6 HCRTR1|A6NMV7
 22784 ZCCHC10|G3XAM1 DGKH|Q86XP1
 22785 CUTC|A0A0B4J226 ATP6|H9QLE3
 22786 CBX7|A0A024R1Q2 CYP7A1|P22680
 22787 TME91|H0YG43 PDE11A|E9LCZ3
 22788 ATXN3|D3VVI0 IL36B|Q9NZH7
 22789 RHCE|A0A0B5JG27 RhIVb(J)|Q7Z594
 22790 HJURP|F8WCV1 F9|Q19UL3
 22791 OPN3|Q6P5W7 FKBP10|K7ELI6
 22792 SPOCD1|Q6ZMY3 CES3|A0A0C4DFY7
 22793 LM07|Q8WWI1 STRN|O43815
 22794 COQ4|Q9Y3A0 WNT5A|Q6DK41
 22795 SUPT4H1|J3QSB9 HLA-C|Q2P9R7
 22796 ITGB7|H3BRX4 UBE2T|A0A024R9A9
 22797 ANXA3|P12429 SNX33|H3BPR3
 22798 PTPN2|K7ELS9 MRPL17|Q9NRX2
 22799 mer5|Q14579 ND4|A6ZER1
 22800 HLA-A|D5G2J2 PGPEP1|U3KQG9
 22801 ND1|C5MN58 ZNF101|Q96F93
 22802 EEF1E1|O43324 BICD1|Q96G01
 22803 HLA-A|A0A0A7C421 ATP6|I6N4U3
 22804 ANP32A|P39687 PPP3CB|P16298
 22805 ALG3|H7C0X4 TTC23L|Q6PF05
 22806 MYB/NFIB|D0QYR0 SEC24D|Q49AI3
 22807 HLA-C|C9WER9 STON1-GTF2A1L|Q3MIM1
 22808 CAMK1G|C9IYV2 HLA-DPB1|A0A0A7C960
 22809 NR3C1|Q3MSN4 SULT1A3|P0DMM9
 22810 UVRAG|Q6P1X0 IRF3|E2GIM9
 22811 MDN1|Q6PJJ1 COIII|B1W6U0
 22812 STK17B|Q6FG83 MSX1|E9KXV5
 22813 EXT1|V5QSK8 KIF5C|Q53QT4
 22814 COX3|A0A059RNN3 ASXH1|Q76L82
 22815 GGA3|J3QRS8 NR4A1|H3BSB9
 22816 GATA2|C9J965 ZCCHC7|B4E024
 22817 NIT1|Q86X76 ZCCHC17|A0A087WYV3
 22818 FCH01|O14526 UMPS|B5LY70
 22819 PIGA|B3KUV7 CYTB|Q7YEH0
 22820 FADS1|C9JJJB3 CYTB|H9QLC4
 22821 RAN|J3KQE5 CYP2C9|S5R8G8
 22822 WASH|A9QQ12 RREB1|C9JE09
 22823 HLA-C|E7BYC9 NUP43|Q8NFH3
 22824 HLA-A|F6IQX3 HLA-DPB1|A0A0A7C8H4
 22825 FGF12|C9JUK8 SLC28A3|Q9HAS3
 22826 HLA-C|Q9MYB6 ND2|G9LCQ3
 22827 BCS1L|Q9Y276 COPS8|H7C3S9
 22828 LGALS3BP|K7ERZ6 AGRP|O00253
 22829 SRY|D9J2M1 HLA-DQB1|A0A0A7C9F6
 22830 INPP4A|Q96PE3 F8|D5H408
 22831 DNPEP|Q9ULA0 MEFV|D2DTW2
 22832 EFCAB12|D6RFI2 CENPJ|Q2KHM5
 22833 ABCA9|H0Y4U7 CAMK2B|H7C394
 22834 PPM1B|B8ZZF0 ND3|H9QW90
 22835 COX3|A6YW19 FKBP8|A0A024R7P2
 22836 NAT1|Q400J6 KNSTRN|H0YKD4
 22837 SEPT9|A0A024R8V0 ATP6|G4VZ16
 22838 COL1A1|D3DTX7 C1orf210|Q8IVY1
 22839 ATPase|Q4GM79 FANCM|H0YJN7
 22840 AP1G1|O43747 PYDC2|Q56P42
 22841 TSEN2|H7C301 SKI|Q7Z459
 22842 KLK10|W8GJG4 ANAPC4|Q9UJX5
 22843 PDDC1|Q8NB37 VEGF|Q6WZM0
 22844 TRAPPC4|G3V1A0 TATDN3|H0YCC7
 22845 ATP5L|O75964 UNR|Q96L66
 22846 CYTB|Q4F1H9 TAS1R3|Q7RTX0
 22847 ABHD5|F6K7K5 HLA-B|G9FS20
 22848 DSN1|Q9H410 COX1|R9Y1Y2

22849 GDA|Q5SZC5 NTN4|Q9HB63
 22850 ZNF607|A0A024R0G5 DNASE1L3|H7C4R7
 22851 ZP1|P60852 HLA-DPB1|Q9BCQ8
 22852 ASB1|Q9Y576 EPT1|G1UI38
 22853 SLBP|Q14493 ND2|F5CUT2
 22854 FGFA|Q9UBK1 HLA-B|G1EPU3
 22855 DKK3|Q9UBP4 HLA-A|K7P562
 22856 hCG_31253|A0A024R8A7 ND1|D6BYK6
 22857 MAOA|Q5UL91 HYDIN|J3KTP9
 22858 ZNF195|E9PMX5 ATXN3|D3VVS0
 22859 ZC3H3|Q8IXZ2 HLA-A|A6H583
 22860 PROC|Q8J009 HLA-A|F8RHD1
 22861 UBE2E1|B7Z306 CLEC11A|V9H0X6
 22862 COX7A1|U3KQH8 DNAJC2|Q08AR5
 22863 LPHN2|O95490 CBLN1|P23435
 22864 SLC41A3|D6R9S7 VPS16|Q5JUA9
 22865 ND3|E7E2P6 KIF18A|Q4G194
 22866 METTL7A|Q9H8H3 ZNF469|Q96JG9
 22867 ACVR1|F5GY91 REXO1|Q8N1G1
 22868 ND1|Q5Q6N2 RNASE6|Q6IB39
 22869 ZNF160|M0QXU9 LARGE|B7ZB85
 22870 TP53|Q19RW5 SLC16A3|J3QQS9
 22871 GAPVD1|A0A024R8A2 CBL1|C9J2P9
 22872 MBNL1|C9J4T8 MGAM|Q8TE24
 22873 FIS1|Q9Y3D6 ENPEP|B0BCZ3
 22874 ERLIN2|E5RHW4 TARS|Q5M7Z9
 22875 CYTB|E9K9A6 SCN11A|Q9UI33
 22876 SH2B2|C9JK89 CYTB|V9K6A9
 22877 HLA-A|G1EP97 MFGE8|Q08431
 22878 CYP21A2|C7DTZ2 HLA-A|C6K4H8
 22879 FLVCR1|Q9Y5Y0 F8|E3VWA5
 22880 TMEM33|P57088 NLRP13|A0A0C4DGQ4
 22881 RHD|K4RNB6 ND4|B2D666
 22882 NSFL1C|Q9UNZ2 MDM2|Q8TE46
 22883 DKFZp779C1668|Q68D67 ZBTB40|B2RBP0
 22884 CYTB|H9S252 SREK1IP1|Q8N9Q2
 22885 EDNRB|P24530 ADSL|X5D8S6
 22886 DUSP6|B5BU29 FUT2|A8K2L2
 22887 ND2|A0A059RPB1 HSPD1|A0A024R3X4
 22888 AMBP|P02760 B4GALT4|C9J5S0
 22889 PIWIL4|Q7Z3Z4 MR1|Q95460
 22890 ETV4|P43268 HLA-DQA1|Q30066
 22891 ND4|B2XQ96 MCM10|Q7L590
 22892 ESPL1|H3BRX7 IGFBP1|C1K3N3
 22893 SMAD4|A0A024R274 ND1|Q4ZET1
 22894 TUBGCP6|Q96RT7 PLA2G7|Q13093
 22895 COX1|A0A059QH25 MAP4K3|Q8IVH8
 22896 RABL6|F2Z2T0 MPP1|Q00013
 22897 ALK|D1MAM5 CBWD2|Q8IUF1
 22898 C3orf55|A1A4F0 HMP19|E5RGE8
 22899 PSMC3|R4GNH3 SLC2A6|Q9UGQ3
 22900 HLA-A|Q95HA5 NACA2|Q9H009
 22901 ITGB2|E5RHT0 ANKIB1|C9JZ63
 22902 ING2|Q9H160 AKR1D1|C4PL36
 22903 UTY|F4MHM2 BRF1|A0A024R6P8
 22904 IGSF8|Q969P0 PLXDC1|C9JWQ3
 22905 VARS|P26640 BFSP2|Q13515
 22906 COX1|Q85L11 CD163|C9JHR8
 22907 PPIL3|B8ZZ77 Nbl1a03646|Q3LIE7
 22908 UQCRFS1P1|P0C7P4 MTMR7|Q9Y216
 22909 CHRNA7|Q5W554 CEP135|Q66GS9
 22910 LRRN1|Q6UXK5 PEX11A|O75192
 22911 TBCCD1|Q9NVR7 RPL23A|H7BY10
 22912 TRPV2|K7EIQ6 NRAP|Q86VF7
 22913 HLA-C|J7F692 MVD|P53602
 22914 DLD|A0A024R713 WNT7B|P56706
 22915 ND4|U3L6H7 Hosa(Biaka)-T2R43|Q50KJ2
 22916 DGKD|Q16760 HLA-C|G1ENP0

22917 HLA-C|A0A060VD27 EGFR|Q75MF2
 22918 BPIFC|Q8NFK6 GRIK1|E7ENK3
 22919 CDK3|K7EJ83 SLC2A2|A0A0C4DH64
 22920 RFWD2|X5DNY7 CCNT1|O60563
 22921 ND5|D2Y6W6 ATP8B4|H0YLC1
 22922 GSX1|Q9H4S2 DKFZp686F08225|Q68DT6
 22923 HES6|Q96HZ4 DRD2|A0A024R3C5
 22924 SP3|B7ZLN9 HLA-B|A0A059WRJ1
 22925 LTBP4|Q8N2S1 FYC01|C9J2W6
 22926 COX1|Q4F198 CAMK2D|H0Y9J2
 22927 DOLPP1|A0A024R8B5 HLA-DRB1|W1I9X3
 22928 ATP6|G9LLL4 ABCA9|H0Y4U7
 22929 FHIT|Q71VB2 OR10H3|O60404
 22930 HLA-C|Q4ZJJ0 ZNF766|M0R139
 22931 COX3|Q9B2X0 CIB4|A0PJX0
 22932 HCGV|Q96QB5 LARP7|D6RF49
 22933 UTY|F4MH32 STAT2|P52630
 22934 DKFZp666P032|Q658U9 ND1|A0A059RUM7
 22935 NRIP1|P48552 HLA-DPB1|S4T765
 22936 PPT1|E9PP28 VEZF1|J3QSH4
 22937 AQP|D0AB05 C1orf111|Q5T0L3
 22938 DOCK4|Q149N5 TRIM43B|A6NCK2
 22939 ND4|D2Y6X4 CIDEA|Q9UHD4
 22940 EGFL9|A0A024RD55 COX1|A0A059QEC3
 22941 LCORL|Q8N3X6 SLC1A5|M0R144
 22942 TRMT6|Q9UJA5 HLA-C|G1EQM0
 22943 MFSD10|D6RIZ4 FKBP8|M0R2K9
 22944 DNAJC14|Q6Y2X3 ZDHHC4|A0A024QZS8
 22945 CAVB2G|Q5UM67 CCR5|A0A089G3K4
 22946 ACSL3|Q6PIM8 CLNS1A|E9PJF4
 22947 UBE3B|F5H5T5 HLA-B|D2DKM1
 22948 GPR75-ASB3|A0A0A6YYF3 COMMD10|Q9Y6G5
 22949 ATP8|A6Z519 FKBP9|A7YQ73
 22950 GML|Q99445 ABCA2|E9PGB2
 22951 KYNU|A8K7T0 RNF19A|E7EQV8
 22952 SMN1|E7EQZ4 CCR5|A0A089G7J3
 22953 EPHX2|E5RFH6 LCE1B|Q5T7P3
 22954 DDAH1|B4DYP1 MAN1B1|H0YI64
 22955 MIDN|Q504T8 ZSCAN32|B4DR24
 22956 HLA-B|M9PA44 CYTB|S5NHW2
 22957 POLR1B|Q9H9Y6 ND1|H9P9N4
 22958 COX3|B0Z745 NUP98|A0A024RCC4
 22959 PHRF1|B7ZM65 HLA-A|U5YMI4
 22960 COX3|Q305X3 LMCD1|Q9NZU5
 22961 OR4N2|G3V4W1 GRIN2B|Q13224
 22962 FM01|Q01740 DUOXA1|H0YNR1
 22963 ITGB5|D3DNA1 COX3|B2KLD8
 22964 TCF7L2|Q5JRY4 MYH9|Q5BKV1
 22965 POLE1|Q9Y5S4 RPS6KA4|A0PJF8
 22966 PHF3|E9PE34 UGT1A3|Q8WX89
 22967 ATOH8|Q96SQ7 HLA-C|I6MHJ1
 22968 IFRD1|O00458 HLA-A|A0A0A7C8L1
 22969 SLC14A1|K7EKN6 TYR|L8B0B9
 22970 KEL|Q0KH90 DCUN1D3|Q8IWE4
 22971 ND1|A0A059QWC0 RBM5|C9JFQ5
 22972 SRY|A7WPU9 CCR5|H9MHP8
 22973 RUNX1|Q2TAM6 NIN|H9KV85
 22974 HLA-DQB1*06new1|Q9TNT9 GOLGA5|Q8TBA6
 22975 ND1|A0A023QRY9 SULF1|E9PJL8
 22976 TSHR|A0A0A0MTJ0 CS|F8W642
 22977 RELA|E9PQ56 FIZ1|Q96SL8
 22978 ARHGEF15|D3DTR7 ST6GALNAC1|G3XAD9
 22979 OGDHL|Q9ULD0 HLA-C|G1EQ41
 22980 MSX1|E9KXX6 PLCB1|Q8IV91
 22981 MSX1|E9KXV5 hCG_2001997|A0A024R2U7
 22982 HLA-DQA1|E9PMV2 COX3|G4VYZ1
 22983 ELF3|Q5SR36 COX3|G3EBC2
 22984 ATP6|Q4F6K4 OR9A4|Q8NGU2

22985 NTS|Q6FH20 MGAT5|Q09328
 22986 CYTB|I3Q2C5 DHDDS|Q5T0A2
 22987 CORO1A|H3BU76 POLR3D|D3DSR2
 22988 RGL3|K7EIS7 RAET1L|J7HEN7
 22989 RNF148|Q8N7C7 ND2|H9S765
 22990 MXD4|D3DVQ5 ST14|Q8WVC1
 22991 MLH3|Q2M1Z1 FLT1|X2C8T1
 22992 ITGA4|A0A023IPA8 DPPA5|A6NC42
 22993 DKFZp686J1169|Q7Z3T9 CECR1|A0A087X0I3
 22994 DOCK8|C9J613 MAOA|Q5UL91
 22995 CASP3|C9JXR7 ATP6|Q2LH31
 22996 SYT17|H3BMD4 LZIC|Q8WZA0
 22997 CYTB|A6Z903 MRPL19|P49406
 22998 HCR|A9XAB2 TNP1|P09430
 22999 KRTAP19-7|Q3SYF9 F8|Q06DL9
 23000 DNAJB1|Q6FI51 CUL5|L0L6C1
 23001 BTF3L4|Q96K17 TBC1D9B|Q66K14
 23002 ING1|A0A0C4DFW2 ND1|Q85L07
 23003 HLA-B|Q9BD25 ORMDL1|F6WST4
 23004 ARAP2|A7E2A5 FGFR1|E9PNM3
 23005 HLA-C|G0ZDV7 PLA2G15|B4DJW4
 23006 SPAG7|I3L0X5 ZNF486|Q96H40
 23007 FUT1|A0A076G425 PRDM9|D2E492
 23008 pp6318|Q8WYU7 ATP5EP2|Q5VTU8
 23009 LETM2|Q2VYF4 FHIT|Q71VB2
 23010 CRIP2|H0YFA4 LRRC4|Q9HBW1
 23011 hCG_2002731|A0A024QZR3 WDR81|Q562E7
 23012 OCT-2|Q9UMJ4 ASAH1|B1B5Q0
 23013 CNOT2|H0YHT6 SPATA6|Q9NWH7
 23014 SLC22A18|Q96BI1 MT1X|U3KQD7
 23015 TP53|S5M207 HGD|Q93099
 23016 EHHADH|C9JJE0 LARS2|Q15031
 23017 CES3|Q6UWW8 ND1|A0A059QV99
 23018 COX2|B0Z6W4 h2|O14504
 23019 ND4|A0A023QT03 PAPLN|B9EGP7
 23020 PEX14|K7EK59 AIPL1|K7EPF4
 23021 BTBD7|Q9P203 RPS27L|C9JLI6
 23022 HBB|B3VL86 B4GALNT1|F8TDK7
 23023 SLC30A4|O14863 DDX51|F1T0L5
 23024 COX1|A0A059QL41 hCG_27868|D3DPZ1
 23025 PNO1|Q9NRX1 TAS2R3|Q9NYW6
 23026 ACOX1|A0A024R8T3 WDFY1|Q8IWB7
 23027 SNX26|A1A5D2 FGFR1|E7EU09
 23028 SAR1B|D6RAA2 ND2|Q6RMP3
 23029 KIR2DL1|P43626 HLA-C|A0A0A7C7U6
 23030 C17orf85|L0R6D6 DEFB1|P60022
 23031 CAPNS1|U3KPR7 SHH|C9JC48
 23032 HLA-DRB1|F4YZX0 HLA-B|Q6IV50
 23033 CCT6B|J3KRI6 GDI2|V9GYF8
 23034 SLC2A11-c|Q8WYM3 ARHGAP20|A0A0C4DGG5
 23035 NDUFS2|Q9HC12 CHST10|C9J5X0
 23036 ZNF93|K7ES58 CTSH|Q6IBC3
 23037 HLA-A|W0HE66 LRRC26|Q2I0M4
 23038 ND4|A4ZLD9 SERPINB4|P48594
 23039 K-ras|Q92668 ND1|A0A059QRC9
 23040 HLA-C|D6MLD7 AQP|D0AB05
 23041 DHX35|Q5THR1 ARHGAP44|E7ERK8
 23042 ART3|E7ER42 HLA-C|V5L699
 23043 SQLE|E5RJH9 COX1|C5MMW9
 23044 HLA-DQB1|L0BX94 COX3|A0A059QP15
 23045 ND5|B2XL11 TRIM66|B5MCJ9
 23046 DKFZp762L056|Q8N3N3 ND1|A0A023QXT5
 23047 STK4|Q13043 ND4|Q305M9
 23048 CYP21A2|B6VE01 PDP2|Q9P2J9
 23049 HLA-A|M4MEU8 MC1R|Q1JUL8
 23050 TRPM6|Q9BX84 DKFZp686G24255|Q7Z2Y6
 23051 NUDC|Q9Y266 MYO19|A0A087WZQ9
 23052 GCSH|Q6IAT2 ITIH3|E7ET33

23053 ARHGAP15|H7BZM0 FBX018|Q66K33
 23054 HAT|Q4W5K4 ND1|Q4EZ33
 23055 CLCN1|H7C1F4 RHBDD1|Q8TEB9
 23056 ZEB2|E7ESP8 CCR5|A0A089H970
 23057 ND5|A0A076LB70 ANO2|Q9NQ90
 23058 COX3|H9NU95 PTS|Q03393
 23059 FLJ37953|A0A024R403 PRAMEF17|Q5VTA0
 23060 ATP6V1G2|O95670 ATL1|G3V5T4
 23061 ACAT2|Q9BWD1 SOGA3|Q5TF21
 23062 EYA1|A6NCB9 CKMT1A|F8WDP9
 23063 STT3B|Q8TCJ2 BLOC1S2|Q6QNY1
 23064 HLA-C|F6KS02 GPATCH1|K7EQ19
 23065 CYTB|A0A0A0PPB3 SAE1|M0QYP2
 23066 RBM22|E5RJW4 FAM131B|Q86XD5
 23067 FUT7|Q11130 ESYT1|Q9BSJ8
 23068 HLA-C|A0A0A7C8P4 CGGBP1|Q9UFW8
 23069 RB1|Q6LE82 MERTK|Q53R53
 23070 CYTB|C1KR23 FAT3|G5EA25
 23071 HLA-A|D7NSN9 ETV1|A0A024R9Z3
 23072 STK25|C9JFA1 JADE2|B5MBX1
 23073 COX1|A0A059RPG4 PPP1R3E|Q9H7J1
 23074 NCAPH2|A0A0A6YYG7 PARVA|J3KNQ4
 23075 ATP6V0B|Q99437 COX3|B2YI97
 23076 GPR39|Q53RU7 ZNF839|A8K0R7
 23077 GTF2H1|F5H0Y9 NAP1L1|H0YHC3
 23078 HLA-C|F4YU93 SLC25A23|M0QZT4
 23079 COX3|H9SEK7 INTS7|A0A087X0F3
 23080 DHX57|A0A087WZ11 COX2|A0A059QTW9
 23081 HLA-A|A1Z1D7 COX1|A0A059RTQ1
 23082 ADIG|Q0VDE8 ATP6|B8X4J0
 23083 SYBU|E9PN31 HLA-C|C5IZX6
 23084 ZNF48|Q96MX3 ATP6|Q4F4F0
 23085 KLF17|Q5JT82 ALG9|A0A087WZY8
 23086 GPR3|P46089 ARID5A|Q03989
 23087 RGM8|Q6NW40 COX6C|P09669
 23088 HLA-A|D7NNP1 VARS|A0A024RCN6
 23089 HLA-B|A7MAD9 INTS8|Q75QN2
 23090 R3HCC1L|A0A087X0M0 PIK3R2|Q05BV6
 23091 SNRNP35|Q16560 HLA-Cw|E2GJR4
 23092 G3BP2|D6RAC7 ACADL|P28330
 23093 SLC1A5|M0QX44 HLA-A|U6BZQ8
 23094 MDFI|Q99750 RPL10A|A0A024RCW3
 23095 RHCE|A0A078N0E5 CDK7|P50613
 23096 ND5|A0A059SEV9 OR5J2|Q8NH18
 23097 COX2|U3LSI8 ND6|Q2HLE2
 23098 DTD1|A0A087WZV9 SLC19A3|E7EM61
 23099 HLA-C|U5YFY9 CCND1|Q6FI00
 23100 MYO5C|H0YMK3 HLA-C|M9P9J7
 23101 C2orf71|A6NGG8 PLPP1|D6REC3
 23102 HLA-DPB1|A0A0A7C8C8 ERAP1|A0A0A7E6J5
 23103 ZZZ3|Q8IYH5 COX3|Q4F2A8
 23104 COI1|Q4R1L5 HLA-DRB1|D5FID8
 23105 hRANKL|Q54A98 SMC6|C9JEF0
 23106 CBFA2T2|O43439 FCH01|M0QXW2
 23107 ANAPC15|F8WDQ6 F8C|Q9UQQ5
 23108 NEK3|F8VV00 CNTN2|Q02246
 23109 ZNF180|K7EQP0 PDHA1|Q9UNV7
 23110 EXO5|X6RF29 TMBIM1|Q969X1
 23111 COX2|G9LHJ5 GZMB|P10144
 23112 HLA-C|C5IZU5 CHCHD6|Q9BRQ6
 23113 FKBP7|D3DPF8 ND3|G9LDG9
 23114 CUL3|Q53S54 PTGIR|Q2YD89
 23115 RAC3|P60763 KCNA7|Q96RP8
 23116 ATXN3|D3VVD5 ND1|B8X5J9
 23117 HPSE|D6RHG4 EXOC6|E7EW84
 23118 ZNF320|M0R2L4 RELA|E9PQS6
 23119 FAM156A|A0A087WZZ1 HLA-B|D7GK35
 23120 UBQLN1|Q9UMX0 PAMR1|E9PQ70

23121 SFN|P31947 HP1BP3|B4E0N8
 23122 KIAA1212|D6W5D1 TGIF1|F8VUY0
 23123 RBM12B|E5RJV8 SMC2|Q05D74
 23124 CHRN1|P11230 ANO5|Q75V66
 23125 JADE2|B5MBX1 TP53|L0ESB7
 23126 VAT1|K7ERT7 AADAT|D6RFY7
 23127 ABCB4|A7J1S0 TRAP1|Q5CAQ4
 23128 NDUFV2|E7EPT4 ND2|A0A059QQ15
 23129 PRDM9|D2K7F0 CYTB|M4Q9T4
 23130 MSX1|E9KXT5 TSC22D1|C9IZ15
 23131 Dnahc11|O15433 SMAD1|D6REQ3
 23132 HLA-G|Q9BCT7 FOSL2|C9JCN8
 23133 PPAN|Q9NQ55 HUS1|F8WAW9
 23134 cytB|Q85PI3 ATP6|F2WGE8
 23135 SPDYE5|A6NIY4 CYP1B1|A0A087WW26
 23136 CAPZB|B1AK85 P2RY10|O00398
 23137 ADSL|A0A096LNY6 CDK8|F5H6D4
 23138 UTY|E1NZ96 TERF2|H3BTA7
 23139 IGF2R|S4R328 ND5|U3M3X4
 23140 ZNF584|Q8IVC4 MYB|Q708E3
 23141 CEP164|Q9UPV0 OR6C2|Q9NZP2
 23142 OMD|Q99983 REST|L0B1V4
 23143 COX1|D2K1K1 GK|H7C2A0
 23144 IL6ST|Q17RA0 FAF2|Q96CS3
 23145 DR1|Q01658 PIGK|B1AK81
 23146 HLA-C|C5IZX4 LRIG2|O94898
 23147 AURKA|A3KFJ2 CYP21A2|C7DTY1
 23148 SNX1|H0YKL5 CRPF46|A0A076NA11
 23149 OR5AR1|B9EIN0 LCE1A|Q5T7P2
 23150 HLA-A|D5FZV4 ECT2|Q9H8V3
 23151 ND6|H9E7R9 ICMT|O60725
 23152 HLA-C|E0WBP6 CDKL3|E7ET86
 23153 EEF1D|H0YE72 ILF3|K7EQ75
 23154 COX2|V9JD22 ATP8|Q6RLG0
 23155 CRISPLD2|Q9H0B8 ND5|U3L346
 23156 DKFZp686L22104|Q68E03 RAET1E|I7FHP4
 23157 ND6|J3RFY3 ST3GAL4|E9PQZ2
 23158 RPL27A|P46776 SCN8A|Q6B4S3
 23159 GTPBP6|H0Y2S1 G6PD|Q0PHS4
 23160 HLA-DQB1|S6CQ56 CREBBP|B5A228
 23161 OSER1|Q9NX31 ND1|H9LT08
 23162 C1orf124|L8E708 ETV4|P43268
 23163 MRPL28|A2IDC6 PEX12|K7ELY8
 23164 Nbla04300|Q3LIE1 CDK5RAP3|Q96JB5
 23165 HLA-C|M9PAB6 ND1|Q85KT8
 23166 ATP6|Q4F6K4 ND5|J7HJU9
 23167 LPCAT2|Q7L5N7 FKRP|A0A024R0R7
 23168 FUS|P35637 B3GALNT1|R4X601
 23169 ZCCHC14|Q8WYQ9 ND4|A0A059QW16
 23170 HEXB|D6REQ8 HFE|J9QF30
 23171 KLRG1|Q96E93 NF1|J3QSG6
 23172 CTSL2|A0A024R141 HLA-C|F2VNU4
 23173 ASPG|G3V1Y8 ZNF789|Q5FWF6
 23174 HLA-C|F2VNQ1 MANBA|O00462
 23175 CNGA2|Q16280 ABI-2|Q53SH3
 23176 ND2|A0A059RKW4 CAD|F8VPD4
 23177 ND4|U3L9L1 ND4L|A0A059RI90
 23178 RHD|Q02161 CLK1|P49759
 23179 FOXO3|O43524 SKI|Q7Z459
 23180 SCNN1B|H3BUQ8 TSNARE1|Q6P186
 23181 NANOGP8|Q6NSW7 RFC4|P35249
 23182 HLA-A|C6K4G0 PIGN|K7EK83
 23183 SYNGAP1|Q96PV0 ND4L|A0A059RUQ3
 23184 RHD|Q8IUC5 CACNA1E|Q9NYZ6
 23185 HLA-C|E9LMN8 HLA-B|V5LKG1
 23186 DKFZp686J1430|Q5CZ67 AKR1A1|Q5T621
 23187 EPHA4|C9JIX8 HLA-DQB1|S6CR99
 23188 UBE2D1|A0A024QZJ2 ND4|E7E4D3

23189 SLC5A7|Q9GZV3 HLA-C|A0A0A7C560
 23190 PCDHB16|A0A096LP81 RBM14-RBM4|A0A0A6YYI9
 23191 GPR119|Q8TDV5 FGFR3|Q0IJ44
 23192 RBM10|P98175 FBXL15|Q9H469
 23193 ALDOC|K7EKH5 JCG4|Q8WZ86
 23194 RETSAT|H7BZ16 TLR6|B6RFS7
 23195 GPRC5B|H3BQV9 SUPT20H|R4GND2
 23196 HLA-C|D6MKU9 BCAP31|C9J0M4
 23197 RIMS3|Q9UJD0 FAN1|X5D9F0
 23198 TRIM35|Q9UPQ4 SLC26A9|Q7LBE3
 23199 BOP1|A0A075B729 WTAP|A0A087X1R4
 23200 HLA-DQB1|A0A0A7C8X2 PRIM1|F8VNY2
 23201 PDE7B|Q4LE81 TXNRD2|Q17RE6
 23202 AKAP13|A0A087X047 GNPDA1|D6RFK5
 23203 KCNIP3|Q9Y2W7 DOC-1R|Q6IAV4
 23204 LOC646743|B9A030 SAE1|M0QX65
 23205 RARSL|H0UI22 CACNA1C|A0A087WUX4
 23206 BFSP1|Q12934 SLC15A2|Q16348
 23207 IBTK|Q9P2D0 VDR|F8VRJ4
 23208 ATP6|H9QWE0 PRKCSH|K7ELL7
 23209 SFXN4|Q6P4A7 SATB2|Q9UPW6
 23210 IKBKAP|Q4LE38 PRDM9|I6ZLR0
 23211 AKAP14|Q86UN6 FOXP2|Q0PRL4
 23212 SHROOM4|Q9ULL8 DENR|F8VVL1
 23213 CSDE1|O75534 BEND5|Q7L4P6
 23214 QRFPR|A1A4W1 COX3|Q5Y0G2
 23215 ND1|U3KW55 ERN2|Q76MJ5
 23216 TBK1|F5H1A3 RER1|O15258
 23217 CYBA|H3BR52 HLA-DQB1|I2G7Y6
 23218 KCNMB2|E7ETM2 HLA-A|F2X5X0
 23219 HLA-B|G4XN19 ENTPD4|Q8NE73
 23220 HLA-C|F2VNP0 HLA-B|Q95IH0
 23221 ZNF331|E7ERM8 NDRG1|E5RI76
 23222 GALK2|H0YML1 PTPRF|P10586
 23223 NR1I3|Q6GZ70 ND3|A0A059QEA2
 23224 NRG1|E5RHQ1 PCDHA4|D6RA20
 23225 TRIM3|O75382 SLC25A30|Q5SVS4
 23226 HSPG2|Q2VPA1 ALKBH1|H0YJF3
 23227 HLA-A|G9HW64 ZNF541|A0A075B6F0
 23228 ATP6|H6WIT7 LOC81691|H3BM72
 23229 UROS|A0A087WZB7 SEPT14|Q6ZU15
 23230 ZSCAN1|Q8NBB4 DNAL4|B0QXZ5
 23231 SLC25A11|Q02978 HNRNPR|O43390
 23232 AP4E1|H0YK94 MURC|Q5BKX8
 23233 GNL3L|Q05DU1 GPX4|A0A087X2I2
 23234 HLA-A|V9N3G0 SHISA9|B4DS77
 23235 HLA-A|R4QS31 KCNJ3|P48549
 23236 CDH15|P55291 ZNF652|D6RF85
 23237 ZNF658B|Q4V348 SVEP1|Q4LDE5
 23238 ND1|A0A059RN67 MTMR1|B7Z3D5
 23239 ZNF131|D6RBK1 GINS2|M0QXS3
 23240 HLA-A|Q7YP24 GORASP2|Q9H8Y8
 23241 IFT81|Q05DP9 UGP2|E7EUC7
 23242 MAGEA12|Q6FHH8 MIOX|A6PVH2
 23243 TIMM23|O14925 IFT88|Q13099
 23244 PPP1R3D|O95685 ATP6|B5M7X6
 23245 HLA-B|E7BYA7 SLC01B3|A0A024RAX6
 23246 HLA-C|D3U755 HAUS1|K7EKH4
 23247 UBQLN4|Q9NRR5 RET|Q8NFE8
 23248 PRMT1|A0A087X1W2 IGLL5|B9A064
 23249 TRAPPC4|E9PN70 CLPSL2|Q6UWE3
 23250 RABGGTA|Q92696 OR2T3|Q8NH03
 23251 NFIA|B1AKN8 TCP1|F5H726
 23252 GC|D6RBJ7 MAPK10|Q499Y8
 23253 APOL1|Q29RW7 NAP1L1|F8W543
 23254 PAX5|Q02548 MLXIP|F5H0V4
 23255 HLA-C|K9L7R5 LARP7|Q4G0J3
 23256 BRAT1|Q6PJG6 RHD|G4XIC5

23257	RFPL4A A6NLU0	GSTP1 C7DJS1
23258	DISC1 C4P0D8	UBL7 Q96S82
23259	ASL P04424	ZNF669 Q96BR6
23260	FBN3 A8KAY2	ADA P00813
23261	CYTB I3PY04	ARFIP2 E9PPY7
23262	ITGB1BP1 O14713	C1orf124 L8E708
23263	F2RL3 Q96RI0	FLJ00337 Q6ZNJ3
23264	CEP192 H0Y9P3	LGSN A0A0A0MTD2
23265	DMD B4DSV7	ANKK1 Q8NFD2
23266	MHC2TA Q66X48	GRM5 H7C223
23267	HLA-Cw Q45YJ3	ITGB4 Q2VP98
23268	ASB10 Q8WXI3	ZNF506 F5H490
23269	RUNX1T1 W8FW32	TDG Q05CX8
23270	FGFR4 H0Y9P2	DNPEP Q9ULA0
23271	AID Q8NFC0	UCK2 A0A024R912
23272	MMRN2 Q9H8L6	PIDD Q9HB75
23273	ZNF578 Q3MI94	ABCD4 H0YJ78
23274	HLA-C U5YD71	XPNPEP1 Q9NQW7
23275	CHD8 Q9HCK8	HLA-C G1ENT3
23276	BFAR A0A087WXR3	MCM2 F8WDM3
23277	ND4 B2D666	OPN1MW P04001
23278	TNNT2 A0A0A0MRJ5	TPMT P51580
23279	ZBTB40 Q9NUA8	RFP2 A0A024RDU3
23280	PTGFR P43088	CDYL C9JQG7
23281	HLA-C M9P9S4	RAP1B F5H4H0
23282	CFTR Q6KEJ1	HLA-C V5NXS2
23283	SGIP1 Q9BQI5	IMPDH1 H7C511
23284	RELA E9PM47	GGT1 A2VCM7
23285	HLA-C D7NNX5	CCT6B Q92526
23286	BCR P11274	FCRLA Q7L513
23287	UBE2L6 E9PKW8	BEND5 Q7L4P6
23288	EIF2B2 G3V5E5	ZNF695 F6W2C3
23289	BDKRB1 P46663	BLNK Q8WV28
23290	PPM1A E9PNE1	TGM5 A0A087WZC4
23291	ING3 E7ET07	MRPL4 A0A024R7C5
23292	SPPL2A H0YNA7	E2F6 Q6Q9Z7
23293	CYTB Q6VIN3	ND1 D1MJV5
23294	DKFZp686N1286 Q7Z3E4	COX1 A0A059RUQ7
23295	RAVER1 A0A087WZ13	ND5 A4ZMH6
23296	TAS2R43 P59537	ELMOD3 E9PI96
23297	MYL6 F8VZU9	MBNL1 C9JJCX1
23298	TRIM28 M0R0K9	DKFZp547M048 Q8TCM3
23299	NIPA2 Q8N8Q9	HLA-DMB P28068
23300	BRCA1 A0A068BDV0	ZMAT4 E5RIF5
23301	ABCA13 F5H7B7	SLC4A2 Q6PJY3
23302	NEK4 P51957	METTL16 Q86W50
23303	HLA-C D6ML77	OSGIN1 Q9UJX0
23304	CA1 E5RJF6	HLA-A G0X8Q7
23305	CYTB Q7YCG5	XPC D2CPJ3
23306	SCNN1D H0Y3F1	SLC25A4 V9GYG0
23307	ABCB4 A7J1R3	ND2 U3LQM9
23308	IFNG P01579	FGG P02679
23309	SFI1 A8K8P3	COX1 A0A059QG34
23310	GPERik Q14440	TAF3 Q5VWG9
23311	MAP4 A0A024R2S1	CD69 Q07108
23312	HLA-C I6NN52	EXD3 Q8N9H8
23313	DKK1 O94907	GNLY P22749
23314	ZNF107 Q9UII5	ATP6 Q9B2V5
23315	CUL7 Q14999	TCF7L1 Q53T87
23316	TRDMT1 B0YJ06	GRM4 Q14833
23317	HLA-A E0YTI5	CYTB H9QE13
23318	S100A7A Q86SG5	BCR/ABL A9UEZ8
23319	OR51M1 Q9H341	COX3 G9LCP5
23320	TAF10 Q12962	SDC1 E9PHH3
23321	DARS C9JLC1	cytb Q4GQQ7
23322	RPS15A P62244	PCBP4 C9JSA6
23323	IL5 P05113	CYTB A6ZGR2
23324	DUSP11 O75319	LZTS2 Q9BRY6

23325	HLA-C D3U464	MARK4 Q6IPE9
23326	ND1 Q8WCX2	HLA-B D3U495
23327	RABL2A B7ZBD4	RBFOX1 Q9NWB1
23328	ATP6 A6YYN7	OR4C11 Q6IEV9
23329	HLA-C M9PAD1	HLA-C W0NQ30
23330	FKBP14 H7C1Z9	RPL6 F8VWR1
23331	ITGB2 E5RK54	EPHA4 P54764
23332	TP53 L0ERS6	RPGRIP1L A0A087WX34
23333	TOR1B O14657	OTX2 F1T0C9
23334	REGL Q9H628	XPC D2CPJ2
23335	HLA-C D7NP08	TTL7 A0A087X234
23336	HSF4 E5RHY0	RHD D6Q1S7
23337	LPXN O60711	PDE7B Q4LE81
23338	SUMO2 A0A024R8S3	NR3B3 F1D8R5
23339	HOXB7 Q9HB28	ACP2 B7Z6U3
23340	SAP30 O75446	TRPM5 E9PQF7
23341	RBFOX2 B0QYY7	CYTB A0A059RII2
23342	SURF6 O75683	HLA-C F6KS12
23343	P2RX5 K7EQ78	ND6 A6YXB3
23344	BLOC1S4 Q9NUP1	WISP3 F8WC24
23345	VAMP1 F5GZV7	CORO1A P31146
23346	EBF1 A0A087WTE5	ATP8 Q6RM58
23347	KCNJ11 E9PPF1	C1QTNF6 Q9BXI9
23348	LCP1 P13796	PLXNC1 B4DHQ7
23349	DCAKD K7ESP4	SRSF5 B4DUA4
23350	ZNF790 E9PL27	SRSF2 Q01130
23351	ACN9 Q9NRP4	ZNF579 Q8NAF0
23352	RHD Q4FE19	STAT2 R9QE53
23353	HLA-DRB1 D7GL12	IL2RG Q5FC09
23354	H1FX Q92522	FLJ25006 A0A024QZ50
23355	RHBDD2 Q6NTF9	ANXA1 B5BU38
23356	PTPRG P23470	POFUT2 S6FMI4
23357	MFN1 A0A0C4DFN1	HLA-C G0ZDV7
23358	COX2 D1G421	hCG_2002731 A0A024QZR3
23359	CALM2 H0Y7A7	SLC35A4 Q96G79
23360	TOMM70A O94826	SLC1A5 M0QXM4
23361	IRF2BP2 Q7Z5L9	SOX11 Q05CH0
23362	ASB4 Q9Y574	NR1F1 B6ZGS4
23363	RBM42 Q9BTD8	ND3 A0A059QT02
23364	ND5 Q9B2Y2	DIABLO F5H796
23365	CYTB A0A059RDA4	SECTM1 J3KSN0
23366	GPR97 Q86Y34	SLPI Q6LDI0
23367	ZNF569 K7ELU1	GTF2H3 F5GXG6
23368	SNX4 O95219	ATP6 Q0Z7K1
23369	ZNF559 Q9BR84	ZBTB20 C9JCX0
23370	SUV420H1 Q4FZB7	CD72 P21854
23371	CHAF1A Q13111	AHCYL1 Q2NKW8
23372	COX2 G9LB98	MNAT1 A0A024R688
23373	c-myb Q70AC3	STON2 Q6NT15
23374	ND5 A0A096VYN4	TXNL4A K7ESL1
23375	MDA5 Q53TP4	SLC9A5 J3KSE2
23376	ND5 A0A059QUY8	ZNF493 Q6ZR52
23377	EXOSC9 Q06265	CYTB E2JKR7
23378	USF1 H0YD59	TBC1D22A Q8WUA7
23379	ND5 Q15HH2	MC1R Q1JUL8
23380	GPR3 F1DAM5	APOBEC3B B0QYD3
23381	ALK A0A024A2P5	SECISBP2 Q96T21
23382	PITX3 A0A0B5HP44	SLC29A4 Q7RTT9
23383	HLA-DRB1 A0A0A7CAL0	PFKM F8VSF7
23384	CNOT3 H0Y5X7	POLR2D E9PB93
23385	ARPC5 B1ALC0	HNRNPA1 P09651
23386	RFTN1 Q14699	GPATCH8 Q9UKJ3
23387	HEL-S-41 V9HWF8	HLA-DQB1 A0A0A7C746
23388	SLC25A22 A0A0A6YYN8	CYTB Q4EYI9
23389	PDXK A8MV33	RORC Q6I9R9
23390	HLA-C H9BYT8	DNAJC10 E7EP04
23391	ALDOC P09972	ND5 A0A0A0PQC8
23392	PHKG2 J3KNN3	ELN A7L3I8

23393 RAD51B|C9J5S9 ULK3|H3BT78
 23394 LEUTX|A8MZ59 HLA-C|M9P8R2
 23395 INMT-FAM188B|H3BSR8 POT1|H7C0Z6
 23396 SMG1|J3KRA9 HLA-C|C5J031
 23397 AGPS|Q53SN7 HLA-A|L0BVP5
 23398 PGAM5|Q96HS1 OR2C1|O95371
 23399 MPC1|A0A087WVZ0 HLA-DPB1|A0A0A7C5X6
 23400 GALNT6|Q8NCL4 MRPL12|P52815
 23401 CYTB|R9Y4U8 MYL7|Q01449
 23402 CNR2|P34972 ZNF525|Q8N782
 23403 LEPREL1|Q8IVL5 GGT1|Q6NZY2
 23404 NIT2|H7C579 HLA-A|M1FUQ9
 23405 SLC12A4|B3KUS0 ARHGEF16|B0QZD3
 23406 GNAO1|H3BTM2 CDS1|Q92903
 23407 ND5|R4I9Z4 BCR/ABL|Q8TDA2
 23408 HLA-C|Q9TPU5 BEST1|E9PMB5
 23409 ND5|A0A076MIL9 TRAPPC2|F5H785
 23410 CABLES2|H0Y5H2 PJA1|K7EPW5
 23411 SERGEF|E9PS70 ZNF510|Q6NUI8
 23412 BOC|Q9BWV1 ZFX|P17010
 23413 ALG12|Q9BV10 HSD17B4|P51659
 23414 PICALM|E9PKP6 TMEM67|Q5HYA8
 23415 RHD|B4F4S2 TSPY2|A6NGT6
 23416 NAIP|Q13075 GNL1|A0A024RCR2
 23417 KCNN4|D1MQ08 PGGHG|E7EMA9
 23418 TRAF4|K7EM06 POLR3G|D6RJH6
 23419 DNAH10|F5H515 SPSB1|A0A024R4G8
 23420 ATP2A1|H3BTF1 FAM65B|Q9Y4F9
 23421 HLA-A|F8R8H3 RNF181|C9J1C6
 23422 SLC35A2|C9JCV5 SFXN1|Q9H9B4
 23423 SP100|P23497 FURIN|A0A024RC70
 23424 MBNL3|Q9NUK0 HLA-C|E0YTM2
 23425 SEPT2|C9JT15 PLCH1|Q4KWH8
 23426 YIPF5|Q969M3 MSRB3|H0YFW5
 23427 RNF2|X6RFN3 HLA-B|D5FZK5
 23428 TUBB6|K7EQT3 ND1|Q6RR39
 23429 KAT2A|Q92830 SLC4A2|Q9UEY4
 23430 TBC1D5|B9A6K1 STARD9|Q9P2P6
 23431 RHBDD1|C9K011 CPS1|Q5R211
 23432 PIK3C2G|B7ZLY6 ND5|A1DTC3
 23433 EIF4G1|Q96I65 HLA-C|E7BYC6
 23434 COX1|E5E1J6 HLA-A|H2BE91
 23435 HLA-A|J9PWL3 ZNF823|K7EN93
 23436 ZNF814|M0QY74 HLA-A|G1ENB3
 23437 TRIM13|X6RH27 SEPT5|A0A087WWZ5
 23438 CCBL1|Q16773 ZNF334|A0A0B4J1Y0
 23439 ZNF570|K7ENX9 COX1|R9Y438
 23440 COX1|H9SH37 DUS1L|J3QLE4
 23441 ALKBH5|Q6P6C2 HLA-C|I7APJ0
 23442 LDHB|F5H793 CNP|K7ERC4
 23443 IRF3|E2GIM5 GPX2|P18283
 23444 HIC2|Q96JB3 TAF12|Q16514
 23445 HuSAA1g|Q16782 ZNF470|M0R0Q6
 23446 DKFZp686E01144|Q5HYL0 ND5|X2JJ49
 23447 CENPC|H0Y8J2 FANCL|Q9NW38
 23448 WISP2|O76076 GSDMA|Q96QA5
 23449 ACER3|Q9NUN7 ND5|E9LB52
 23450 FLJ00305|Q8NF68 CYTH2|Q99418
 23451 UTY|F4MHL9 IGFBP7|A0A024RDA6
 23452 ARHGAP26|H7C3P8 APOA2|V9GYG9
 23453 MRPL21|Q7Z2W9 FFAR2|O15552
 23454 ASAH1|B1B5Q9 MMP17|F5H249
 23455 RPLP0|F8VRK7 ESYT3|H7BXJ6
 23456 CDK5|Q6IAW3 HLA-G|Q6B846
 23457 SPOCK2|A0A024QZQ5 ND5|H6TVI1
 23458 SAA2|P0DJ19 ATP6|E7E3A2
 23459 TCIRG1|E9PM12 HLA-DRB1|B2ZCY0
 23460 ND5|B8XYI9 HLA-A|U5YED5

23461 LHX8|Q68G74 CHRM1|P11229
 23462 GIPR|Q4VBP1 ND6|Q6VKJ8
 23463 EVX1|P49640 RHCE|K0A0T3
 23464 DERL1|A0A024R9G3 G3BP2|D6RAC7
 23465 ND5|A4GYN5 ICAM5|Q8TAM9
 23466 PSAT1|A9LS35 RBPJ|D6RB37
 23467 ZNF638|D6W5H1 TRIM13|O60858
 23468 DUSP22|S4R3A4 ZNF415|Q09FC8
 23469 NIFK|Q9BYG3 APC|B7Z2B6
 23470 NRSN1|Q5VTS2 MPL|P40238
 23471 HLA-DQB1|I4EPL1 ND2|B0Z714
 23472 TNFRSF12A|Q9NP84 PPP2R2B|H0YA16
 23473 TRIM44|Q96DX7 NUCB2|E9PLR5
 23474 OR1Q1|Q15612 KCTD18|Q6PI47
 23475 FASTKD2|Q9NYY8 HLA-A|D3YN67
 23476 CLK2|B7Z8N6 ND2|G9LI64
 23477 RBM39|Q5QP22 SYCP3|Q8IZU3
 23478 ST7L|Q8TDW4 HLA-C|A0A0A7C6H8
 23479 PURB|Q96QR8 NUDT13|B4E059
 23480 KLHDC7B|Q96G42 COX1|A0A023I9A1
 23481 HLA-B|D2DKP7 ND1|A0A023R1S1
 23482 ATP6|H9RTM9 AFAP1L1|Q8TED9
 23483 SERPINB6|P35237 COI|U3M9R0
 23484 HLA-C|G1EMR8 ZNF670|Q9BS34
 23485 KLHL31|Q9H511 CENPJ|Q569I1
 23486 SYT6|Q5T7P8 UBE2D3|D6RA11
 23487 MAP1B|Q86X89 TRPM7|Q96QT4
 23488 HLA-G|Q68YS0 PROC|H7BYX9
 23489 TRPV1|Q09HS5 IL6|B5MCZ3
 23490 RHD|A8YPS3 SLC2A4|I3L2R4
 23491 ORC4L|Q53SE3 DAG1|C9JQL4
 23492 LYN|Q6NUK7 DEFA3|Q6EZE9
 23493 PACS1|A0A024R5H6 CDKN1B|Q6I9V6
 23494 ACLY|A0A024R1Y2 HLA-A|D6ML13
 23495 BRF2|E5RGF6 HSD11B1|X5D2L1
 23496 ATXN3|D3VVH8 PCDHGA5|Q9Y5G8
 23497 TGFBI|D6RBX4 SLC22A18|A0A024RCG2
 23498 TENM4|H0YJCJ4 PIGV|E9PQC7
 23499 ND2|G5D8P3 SH2D1A|O60880
 23500 RPS6KB1|Q4G0X7 COX3|F8V9Z2
 23501 HLA-C|M9P9Y4 EDC4|Q6P2E9
 23502 SSBP1|Q04837 CNN2|A0A087WV51
 23503 SLC29A2|G5E943 ND5|A0A096W8J6
 23504 HBA1|E9M4D4 PACSIN3|D3DQR0
 23505 CEP55|Q53EZ4 HLA-A|E5G0Y9
 23506 RBM48|C9J787 CACNB2|A0A087WWJ0
 23507 PDGFA|A0A0A0MSC4 STK39|X5DP03
 23508 CHEK2|B7ZBF2 NACAD|O15069
 23509 SLC35C1|Q96A29 PEX12|A0PJ54
 23510 ABI3|Q9P2A4 ECD|O95905
 23511 ATP6|Q5SAZ3 IGFBPL1|Q8WX77
 23512 WARS|P23381 CEP192|H0Y9P3
 23513 HLA-B|R4QQU0 HUS1|H7C272
 23514 TRMT61A|H0Y2Q1 ADIPOR1|Q96A54
 23515 HLA-B|A8VYQ6 ND1|I3WRL6
 23516 FARP1|M0QYB0 CORIN|Q9Y5Q5
 23517 FADS6|Q8N9I5 COX1|A0A059RRT1
 23518 BAIAP2|I3L526 SLC27A5|M0R075
 23519 R3HCC1|E5RHX3 ATXN2L|Q8WWM7
 23520 GRK6|P43250 HLA-C|O19761
 23521 LRRC4B|Q9NT99 RAB11A|H3BN38
 23522 TYR|P14679 ND5|Q8HG20
 23523 DAB2IP|Q5VWQ8 VPS39|A0A024R9L9
 23524 CA5B|A0A024RBW9 SEPT9|A0A024R8Q0
 23525 SREBF1|P36956 CACNA1B|F6RH32
 23526 ATP6|X5BW47 C5orf30|Q96GV9
 23527 AGBL2|J9JIH1 HLA-A|U5IS80
 23528 SLC12A5|V9GYL3 OR1I1|O60431

23529 PNMA3|Q9UL41 COX1|L7XRA8
 23530 BLMH|J3KSD8 KYNU|A0A087WYQ7
 23531 DDC|H7BZF7 MMP14|P50281
 23532 ADAMTS7|Q9UKP4 NKG7|Q16617
 23533 PLCXD3|Q63HM9 CSTL1|Q9H114
 23534 MAN1C1|Q9NR34 PROS1|Q8IXD0
 23535 CPEB4|E5RFP2 AARD|Q4LEZ3
 23536 CDC42EP2|O14613 SYCP1|Q5VXJ5
 23537 CEP57L1|E5RGU5 CYTB|A0A059QAV5
 23538 COX1|A0A023QZ55 ND1|A4ZM25
 23539 RAMP1|Q53T50 HLA-B|A0A0A7C9K2
 23540 PR|Q8NG42 KISS1R|Q969F8
 23541 C1orf51|Q5TB13 GINS4|Q9BRT9
 23542 CAMP|J3KNB4 COX1|A0A059RTQ7
 23543 SPINK9|Q5DT21 EIF6|B7ZBH1
 23544 ZSCAN10|Q96SZ4 PDE4C|O43850
 23545 HLA-C|G1ENW8 SLC41A1|B2RMP2
 23546 IL20RA|Q9UHF4 DLEU1|O43261
 23547 CCRL2|O00421 TNFSF9|P41273
 23548 PARP16|Q8N5Y8 NPFFR2|A0PJM9
 23549 DDHD2|E9PK57 BTNL2|F8WBA1
 23550 CELA3B|A0A0A0MRS2 P2RY12|Q9H244
 23551 COX2|A0A059QTW9 CXCL2|A0A024RDD9
 23552 HLA-DQA1|Q67AG8 CDYL2|Q8N8U2
 23553 TRIM33|Q9UPN9 ATP6|F1AZB5
 23554 CALHM3|Q86XJ0 HMOX2|I3L159
 23555 CLK1|F8WBF5 FRMPD1|Q5SYB0
 23556 TFEB|B1AKB2 HLA-A|F6IQV8
 23557 MMP9|P14780 EXOC3L4|Q17RC7
 23558 ND6|Q305R6 TNXB|A0A087X0I0
 23559 SUSD1|Q6UWL2 ATN1|P54259
 23560 LOC151242|Q53SA3 HLA-A|U5YEC2
 23561 ND5|H9RK52 STX1B|P61266
 23562 CLCN3|D6RIX3 ND1|V5JK95
 23563 C10orf28|Q4KMY3 STMN1|A2A2D0
 23564 KIDINS220|Q9ULH0 WDR25|Q64LD2
 23565 GAA|P10253 HLA-DPB1|A0A0A7C9D1
 23566 ND1|A6Z5I3 TRAPPC10|P48553
 23567 IGSF3|O75054 KLHL17|J3QLT4
 23568 PTPRC|P08575 KLHL22|C9JLE9
 23569 ASRGL1|A0A024R573 COX3|Q7GIM7
 23570 RRM1|P23921 RAB40A|Q8WXH6
 23571 EVI2A|P22794 YME1L1|Q96I63
 23572 PEX11B|H7C3V6 FLJ00185|Q8TEK9
 23573 VCP|Q96IF9 TTF2|A0A024R0F1
 23574 SPEF1|Q9Y4P9 SLC12A9|C9JMQ7
 23575 GPR162|J3KPJ9 ND1|A0A059QF23
 23576 RAMP3|A4D2L1 PACSIN3|E9PQ12
 23577 VDACC2|Q5JSD2 CYTB|X5C7Q1
 23578 SLC13A5|Q86YT5 DYNC1LI2|O43237
 23579 PKM|H3BQZ3 BAP1|H7C4V7
 23580 ND2|A7LE21 TESK1|Q15569
 23581 PRKCH|G3V5U5 ACSS2|C9J7L5
 23582 HLA-C|G1EQ82 F2R|A0A024RAP7
 23583 HLA-A|D5M8G4 CSNK1G1|U3KQA5
 23584 PTPRG|P23470 PFKFB3|Q16875
 23585 SRXN1|Q9BYN0 GULP1|Q9UBP9
 23586 CEP135|Q66GS9 KIAA0368|R4GMY3
 23587 LXN|Q9BS40 HLA-A|D5FHG3
 23588 CELF1|F5H0D8 RFNG|F5H3H7
 23589 SNRPF|P62306 BCL2L10|H0YMD5
 23590 LIG1|M0QY71 EIF2B2|P49770
 23591 TMEM214|Q6NUQ4 NRN1|A0A087WWT2
 23592 PACSIN1|Q5TZC3 EXOSC10|K7EJ37
 23593 CHD9|J3KSW5 USP28|B4E3L3
 23594 CBS|P35520 GLRA1|P23415
 23595 SPAG11A|C9IZU7 ZNF540|Q8NDQ6
 23596 PARP4|Q9UKK3 DDHD2|E9PK57

23597 COX3|A0A097QDD8 ND4|C9D583
 23598 SPATA7|Q9P0W8 BHMT|Q93088
 23599 PLAT|E7ESF4 HLA-B|H2DML2
 23600 ELP5|Q8TE02 ATP8|D1G3X0
 23601 BCR|Q6QJE5 WEE1|Q6NSL2
 23602 F8|A0FJ20 HLA-C|F2X648
 23603 RP1L1|Q8IWN7 STAT2|R9QDW5
 23604 ND4|A0A059RQ43 GALNT9|Q68VJ2
 23605 PRDM1|Q3SYG0 ACSF2|Q96CM8
 23606 ZNF786|H7BXP3 HLA-DPB1|A0A0A7C8Q6
 23607 CKMT1B|F8WCN3 ND2|Q4F5C9
 23608 TARDBP|A0A087WW61 PCSK7|E9PMC0
 23609 GGT1|Q6ISU8 RPS10|P46783
 23610 UTY|F4MHP6 ZNF679|Q8IYX0
 23611 TMEM62|Q0P6H9 ADGRB2|A2A3C2
 23612 PRKAA2|A0MZF5 HLA-C|C6JSX8
 23613 EIF3A|Q3B770 ELFN1|P0C7U0
 23614 ATP6|A0A023QE67 ASMTL|O95671
 23615 GDF1|P27539 GNE|Q6QNY7
 23616 ZBTB6|Q15916 RPH3A|F8W116
 23617 HLA-G|P17693 SH3BGR13|D3DPK5
 23618 FADS3|E9PQC2 UBA52|Q3MIH3
 23619 CIAPIN1|H3BT65 KIF3A|C9J9X2
 23620 FBXO11|C9IYF0 EMX1|F8W1B5
 23621 HEL-S-11|V9HWE3 CKB|G3V461
 23622 CACNA1C|A0A0A0MR67 ATP8|U3KX66
 23623 HIST1H2BE|B2R4S9 CRYZ|C9JH92
 23624 DBN1|D6R9W4 GFAP|K7ELP4
 23625 CYTB|Q4F250 MFNG|A9UJQ0
 23626 ESX1|A6ZIU2 ND2|A0A059RMQ9
 23627 CYTB|A0A068BNA6 COX1|D7PAR1
 23628 SCYA1|Q76BR7 PSMB9|A2ACR1
 23629 STK4|Q13043 ATP6|A0A059RIS0
 23630 CDC20|Q12834 PTPLAD2|Q5VWC8
 23631 PNPLA3|F8W8E5 ARF3|F5H0C7
 23632 ABR|B7Z683 DKFZp434L0650|Q9UF73
 23633 HLA-DPA1|Q29ZN2 ZBED5|Q49AG3
 23634 PIGS|K7EN97 LM07|E9PRJ0
 23635 LTA|Q45NE9 ND2|Q6RMP3
 23636 SFMBT1|C9IY64 HLA-C|E7BYC5
 23637 ATP6V1G2-DDX39B|F2Z307 IL1F5|A0A024R518
 23638 GPX1|X5DQZ7 FLJ32130|A0A024QZC7
 23639 NDUFA5|A0A024R745 ZNF678|B1APK8
 23640 COX3|Q2HKI3 WEE2|H7C5P0
 23641 HLA-A|I3UI52 HOXC13|Q6LAM3
 23642 ND5|B2XIC7 TAAR2|Q9P1P5
 23643 RRM2B|Q7LG56 RAB30|E9PJQ5
 23644 ATP6|R9Y3L7 ND4L|H9E8D7
 23645 ALX4|Q9H161 AKT3|Q9Y243
 23646 ZNF669|Q5VT37 ND2|X2C0Y5
 23647 MYO7A|Q13402 AP1G2|O75843
 23648 HLA-C|E2D5S9 PDE6G|A0A0C4DGN0
 23649 ND5|A0A023QTY8 HLA-B|D4HPJ5
 23650 ATP6|I0B6N6 CYTB|Q4F2Y6
 23651 FIG4|Q92562 SUMF1|Q8NBK3
 23652 TP53RK|Q5JZ02 ND3|A0A059RSF8
 23653 RAC2|P15153 DKFZp686L2367|Q63HJ5
 23654 ZNF345|E9PLT7 LMTK2|Q8IWU2
 23655 FHIT|A0A0A0MRB0 CYTB|A0A059RSG2
 23656 TSC22D4|H7BZ77 CYP21A2|Q08AG9
 23657 PLEKHH2|Q8IVE3 ND2|A6ZFB0
 23658 SCLY|H7C3V9 HLA-B|C7E578
 23659 PREB|Q9HCU5 TNXA|Q16473
 23660 LILRA6|Q6PI73 SPPL3|F5H4L1
 23661 LRP1B|Q9NZR2 UTY|F4MHQ7
 23662 ACVR2B|Q13705 ND1|H9QH30
 23663 UGGT1|H7BZG0 INIP|Q9NRY2
 23664 HLA-DQB1|R4QGI4 ND5|B2XL89

23665 NFAM1|Q8NET5 FAM57B|F1T0F5
 23666 APOL1|U5LKG0 CYTB|V5L973
 23667 CYP21A/CYP21B|Q16755 SMG1|I3L144
 23668 KCNH2|A0A090N7W1 CARM1|K7EQA8
 23669 DOPEY1|Q5TA12 LHCGR|H7C226
 23670 ND4L|A0A059QNR0 SPEG|B9ZVR7
 23671 KRTAP10-4|P60372 AURKC|B4DXA6
 23672 GYPC|P04921 RBPJ|D6R9X3
 23673 CUL1|A0A0C4DGX4 COX2|A7LF11
 23674 ND2|H9R0Q7 EXTL1|Q92935
 23675 cytb|Q4GUY9 PPP2R2D|Q6PEG1
 23676 HPD|A0A0B4J1R4 DNAJC10|E7EP04
 23677 DGKI|E7EM72 TRAF6|Q9Y4K3
 23678 CCDC79|Q8NA31 ZNF331|Q9NQX6
 23679 DKFZp686A01173|Q7Z3N6 MARC1|X6RIL1
 23680 TATDN3|H0YCC7 Hosa(Biaka)-T2R7|Q50KV5
 23681 RPS6KA2|Q15349 HEPACAM2|A8MVW5
 23682 GTF2B|Q00403 HMGC51|D6RIW1
 23683 RBFOX2|S4R469 APOL2|A0A024R1M8
 23684 RHOBTB3|D6R935 SIVA1|O15304
 23685 TJAP1|Q5JTD0 CNOT8|B7Z9U0
 23686 MAP1B|D6RA32 SCNN1B|B2R812
 23687 ATP8|B2XIJ9 NAP1L1|F8VRJ2
 23688 ARHGAP22|Q7Z5H3 ATP6|H9NZ34
 23689 ART3|E7EX61 VPS25|Q9BRG1
 23690 FAM184A|Q6P9G8 HLA-DQB1|U3Q055
 23691 DKFZp68601553|Q5HYM1 HLA-B|H2BEA4
 23692 HLA-C|C6K4P0 HLA-A|D5L9A0
 23693 SLC7A6|Q92536 HLA-Cw|A4Q9R6
 23694 SRY|Q6J0W5 HLA-C|S5DLF7
 23695 HLA-C|U5YC87 ZMIZ1|Q9ULJ6
 23696 NAA20|A8MZB2 NIFK|Q9BYG3
 23697 INO80E|I3NI13 PGRMC1|O00264
 23698 RECK|O95980 ND5|A0A023I7R1
 23699 HLA-C|A0A0A7C9U0 GPS1|J3KRJ4
 23700 ND2|A0A059RWS3 MAP9|A2VCT0
 23701 SYT14|Q8NB59 FHL1|Q5JXH8
 23702 ND6|A6Z8R1 HLA-C|G0ZDW6
 23703 KLK10|M0R132 GPCR|Q8TDT9
 23704 HNRNPH1|D6RF17 COPZ1|F8W651
 23705 B2M|P61769 ND5|E5DY71
 23706 ANP32A|P39687 INO80B-WBP1|F8WCL7
 23707 BAZ2A|J3QK86 RGPD1|F8VYC4
 23708 FTSJ1|B7Z4K4 DKFZp77901248|Q6AHZ8
 23709 ABCC1|G0ZCM5 NELFCD|Q8IXH7
 23710 OR5M10|Q6IEU7 ATXN3|D3VVG9
 23711 HSIL5R2|Q14631 RNASEH1|O60930
 23712 SLC41A1|B2RMP2 SLC39A13|K4DIA9
 23713 PAPOLA|A0A024R6J7 CCND2|H0YGD4
 23714 TMED7-TICAM2|A0A0A6YYA0 PRKACB|P22694
 23715 PCSK6|A0A024RCE2 ZNHIT2|Q9UHR6
 23716 HLA-C|F2X631 ANPEP|A0A024RC61
 23717 FMN2|B0QZD5 ND4|A0A059R902
 23718 KCND3|B7ZKV0 ATP6|C8Y3L8
 23719 HAUS4|G3V541 XP01|C9IZS4
 23720 CCT2|F5GWF6 ND4|Q9B1S7
 23721 NQO2|P16083 SERPINF2|P08697
 23722 TRAP1|I3L239 HIST1H4G|Q99525
 23723 PEF1|Q9UBV8 ND1|A0A059QHN0
 23724 TME41B|Q5BJD5 HLA-A|D7NNN7
 23725 HEL-36|V9HVZ2 HLA-C|V5NQD6
 23726 ATP6|B1NTU9 ND1|Q7YCD2
 23727 PRKCZ|D6RAU1 TCF3|K7ERZ7
 23728 AICDA|H0YGF6 ITGA5|B4E3F4
 23729 SCAF11|F8W6K1 SMAP2|A0A087WV97
 23730 TNPO2|O14787 DPM2|Q5T9C7
 23731 ATP6|H9QQA8 NBEAL1|Q6ZS30
 23732 CX3CR1|C9JLM2 ROPN1|Q9HAT0

23733 ARNT2|A0A087WVE9 POTEJ|P0CG39
 23734 AMICA1|Q496M4 RAB38|H0YDB7
 23735 HLA-B|Q5S752 ATP8B4|H0YLJ1
 23736 SYT1|A0A024RBE9 HLA-Cw|A4Q9R6
 23737 CCR5|J7HDE9 M6PR|H0YGE9
 23738 HLA-DRB1|A0A0A7C3E9 PARP9|Q8IXQ6
 23739 HIBADH|P31937 SGK3|E5RJV7
 23740 CYP19A1|A0A024R5S8 TBC1D9B|B9A6K8
 23741 SNX27|Q96L92 MZB1|Q8WU39
 23742 ND4L|W8CSQ8 FGL2|A4D1B8
 23743 VPS13C|Q709C8 ND4|B2XQV2
 23744 PRPH|P41219 GEMIN8|Q9NWZ8
 23745 ND6|H9P7D9 HLA-C|D7NP62
 23746 SMC2|O95347 NEK3|A0A087X203
 23747 FHIT|Q0MQR8 INPP5B|E7ESY0
 23748 TARBP2|F8VZZ7 HLA-A|G9HRN9
 23749 PNMT|P11086 BLR1|A0N0R2
 23750 ABCB5|A0ASV4 XPO4|Q9C0E2
 23751 YTHDF2|B5BU99 CENPE|Q02224
 23752 MAFF|B0QY70 FASTK|A0A090N8I0
 23753 B4GALT3|O60512 NPAS3|X5DNV7
 23754 CYTB|H9R3Q8 DCAF10|Q5QP82
 23755 ND3|A0A059RP55 HLA-C|E0WBR1
 23756 KLC4|Q9NSK0 PI15|O43692
 23757 HLA-DQB1|L0BW43 GRP|P07492
 23758 LRRC52|Q8N7C0 DEK|H0Y993
 23759 SLC7A6|E7EPZ8 GGA2|H3BMM6
 23760 PCDH11X|A0A096LNH1 PTPRT|B1AJR9
 23761 ND5|V9N990 CNKSR3|C9IZX4
 23762 COX3|F1KCG8 NADH3|B9ED50
 23763 HLA-A|C7E539 HLA-DPB1|A0A0A7C6S3
 23764 ELF1|A0A024RDU6 ND6|H9PPP7
 23765 SGK3|E5RJV7 GNAI1|O43383
 23766 HLA-DPB1|A0A0A7C5F0 ARHE|Q4ZFY0
 23767 NR1H3|C9JCS0 FAM20A|Q96MK3
 23768 NISCH|Q9Y2I1 HLA-DRB1|A0A0A7CAL0
 23769 RREB1|C9JJP6 GLI1|E9PQQ1
 23770 HLA-A|M9PA15 TYMS|Q53Y97
 23771 IFT81|A0A024RBJ1 GNAT3|A8MTJ3
 23772 PSEN1|G3V3Z0 HLA-A|Q1WAA8
 23773 GALNTL5|D3DX14 HCR|A9XAC9
 23774 ND5|B2WRG3 MAP1S|M0QXQ9
 23775 SMARCC2|F8VXC8 COX2|H9RD12
 23776 SLC50A1|Q9BRV3 DKFZp686M1922|Q69YN3
 23777 KLK5|Q6S9W8 SNRK|Q9NRH2
 23778 MYCBP2|O75592 ND4|H9T2B6
 23779 COX1|D3YSB9 CD14|F1C4A7
 23780 HLA-DRB1|D5FIE6 HLA-DQB1|A0A0A7C786
 23781 PSG1|P11464 ND4|A0A059RBT2
 23782 RAB24|Q969Q5 CD109|Q6YHK3
 23783 ACP6|X5D9K6 AZU1|A0A087WXP0
 23784 IL5RA|C9J6C4 ZNF277|Q9NRM2
 23785 TTPAL|Q9BTX7 WDR45|G8JLI5
 23786 DCUN1D3|Q8IWE4 FYTDD1|H9KVC6
 23787 EXT2|E9PNL9 RACGAP1|Q9H0H5
 23788 ZNF250|E9PKP2 NT5C1B|Q96P26
 23789 MYBL1|P10243 PPM1A|P35813
 23790 NDST2|H7C032 PSMB1|P20618
 23791 NLK|Q9UBE8 DTWD2|Q8NBA8
 23792 BRF1|Q3SYD7 CCR5|A0A089G3M8
 23793 ZNF230|K7EMK6 ITGAX|H3BN02
 23794 SGPP2|Q8IWX5 ZNF580|Q9UK33
 23795 PITPNM3|Q9BZ71 ARID1B|Q8NFD5
 23796 NRP1|H0Y4N6 IVD|H0YN10
 23797 ARPC4-TTLL3|F8WE39 CCBL1|Q9UQN6
 23798 FLJ30934|A0A024R589 TP53|U6BHT9
 23799 RPL18|J3QQ67 UTY|F4MH51
 23800 CASPASE-9c|Q6EV95 TRNAU1AP|Q9NX07

23801 CYTB|D6C113 APOBEC3F|M4VR43
 23802 arachidonate|Q16120 BAD|F5GYS3
 23803 CYTB|H9NRW9 SPNS1|H3BPQ9
 23804 cytb|B9EE04 SUSD1|F8WAQ1
 23805 CFBF|Q13951 EIF4A1|J3QL52
 23806 TMEM218|A2RU14 RUNX1|X5C3Z9
 23807 cfr|J7GIV3 HLA-C|E5DCQ0
 23808 HLA-DRB1|D5FIE2 HDAC11|B5MCU6
 23809 SLC39A7|A0A024RCX7 NIPA1|Q7RTP0
 23810 RASGRP3|C9K0P4 PKHD1|P08F94
 23811 KIAA1632|Q8N401 ST3GAL6|C9JWJ3
 23812 NADH6|Q4GN61 C3AR1|F5GZE6
 23813 BBS1|E9PPR3 PRKCSH|P14314
 23814 CCR5|Q5KSY4 PAPLN|H0YJA1
 23815 PITX3|A0A0B5HSV2 IQCB1|C9JXD7
 23816 NOMO3|J3KN36 MTMR1|F8W8S8
 23817 ACTR2|Q8IY98 RAD1|O60671
 23818 CYTB|A0A0A0PVE0 EFNA1|P20827
 23819 ST6GALNAC4|Q9H4F1 COX2|B0Z6W4
 23820 PUM1|Q14671 BRCA2|Q9BX99
 23821 NNMT|Q6FH49 TUBA4A|C9JDS9
 23822 LMAN1L|Q9HAT1 CALML6|Q8TD86
 23823 MYD88|H0Y4G9 ABL1|P00519
 23824 MDGA2|Q7Z553 EBPL|A0A0A0MRV2
 23825 ND1|H9ST20 GON4L|Q1ED43
 23826 BPGM|C9JH23 MELK|Q14680
 23827 WDR77|Q9BQA1 YY1AP1|Q9H869
 23828 HLA-DQB1|I4EPL5 NPY5R|Q15761
 23829 APBA3|O96018 APC2|B5MDS5
 23830 ND5|A0A023I7N8 GALK|D0EM88
 23831 CIRBP|Q53XX5 ND2|E7E499
 23832 ZNF133|P52736 ND5|K9JT28
 23833 CDK10|Q9UHL7 CYP21B|Q7KZ07
 23834 PUS7L|F8VZA0 SEPT6|Q14141
 23835 SEC16A|A0PJ75 SYNE1|F5GZ83
 23836 RDH8|K7ELF7 WNT6|Q53S45
 23837 ABCC9|G3V1N6 ZNF192|A0A024RCK7
 23838 DOCK6|Q96HP0 TESK2|D3DPZ7
 23839 ND3|A0A059QNR9 GBGT1|J7Q0Z1
 23840 RHD|T2LKG5 TUBB1|Q9H4B7
 23841 PHKG1|Q6NSZ4 SPP1|P10451
 23842 SNX2|O60749 HLA-C|C5IZV6
 23843 RHD|L7SYG8 DNAH2|I3L520
 23844 CDC25A|C9JH94 HLA-A|E0WBY5
 23845 HLA-A|F2VNJ2 PRSS1|Q45KI0
 23846 COX2|B2WRY8 BRCA1|G4V500
 23847 TGFBR1|H0YHS4 CYTB|X5BH36
 23848 ABCA2|A0A087WKK5 GABARAPL1|F5GZY7
 23849 RSPH1|Q8WYR4 SUCNR1|Q9BXA5
 23850 RPIA|P49247 CCR5|A0A089H987
 23851 PAIP1|D6REB4 DDX4|Q9NQI0
 23852 HLA-DRB1|H8WV96 ACSBG2|Q5FVE4
 23853 CBFA2T3|H3BNH2 ERBB3|P21860
 23854 COX2|A6Z6E8 SLC14A1|A0A068W8S0
 23855 ZNF418|J3KQR4 KLC3|A0A024R0V3
 23856 NR0B2|Q15466 PHB|P35232
 23857 ACAD10|F8W1I9 RNASE8|H2FJY5
 23858 TDRKH|Q5SZR4 ND2|G5D7X0
 23859 CTRB2|H3BP92 HLA-DPB1|A0A0A7C6D4
 23860 MTMR4|J3QKV8 ARF6|P62330
 23861 HLA-C|G1EQG0 COX3|F1KCG8
 23862 HLA-DRB1|A0A090KQC4 PDE4B|X5DR82
 23863 HLA-DRB1|Q1G100 MTMR4|Q9NYA4
 23864 FAM13C|Q8NE31 MNX1|P50219
 23865 NDUFB1|A0A024R6G6 HLA-DQB1|Q0E4W4
 23866 NADH1|Q4GCG5 HLA-C|D6C6A7
 23867 C8G|P07360 ARID5A|C9J1Q0
 23868 B3GNT2|Q9NY97 HEL-S-51e|V9HW06

23869 CSNK2A1|B5BUH5 SERPINE3|A8MV23
 23870 HLA-B|F0VRW1 Hosa(Adygei)-T2R46|Q50KH1
 23871 OAZ1|P54368 VCP|Q96IF9
 23872 USP43|Q70EL4 ND1|A0A096WL34
 23873 PAWR|H0YHP5 ATP6|A6Z6R7
 23874 HLA-A|G5CJS3 DUOX2|X6RAN8
 23875 NIN|C9J066 DERA|Q9Y315
 23876 DDX4|Q9NQI0 HLA-DRB1|A0A0A7C4X5
 23877 ND5|T1Q773 UTY|E1NZ88
 23878 ND5|A0A096VTC1 HLA-A|Q53ZQ3
 23879 MAPT|I3L170 HLA-C|H9BYV3
 23880 HLA-DPB1|A0A0A7C8W2 FUT3|K7EQ20
 23881 LRFN5|Q96NI6 HLA-C|K7QUR5
 23882 SH2B1|F5GXU7 HLA-A|D3U484
 23883 C1orf168|Q5VWT5 PIGM|Q9H3S5
 23884 NR0B1|F1D8P4 SDK2|Q58EX2
 23885 HLA-C|A0A0A7C5R0 PTN|A0A024R778
 23886 ATF2|A4D7U7 HSPD1|C9JCQ4
 23887 ATP6|G4W157 HLA-DRB1|F4YZW8
 23888 DUX4|E0Z3H0 RAB30|E9PI18
 23889 GALR3|O60755 HECTD1|Q9ULT8
 23890 HMGCL|B1AK13 ZNF331|Q71QC3
 23891 TDGF1|A0A024R2Z5 RAB10|Q53SX4
 23892 ZNF582|A0A024R4P7 KYAT3|A0A0A0MRN7
 23893 CNOT2|F8VV52 CYTB|A0A059RDA4
 23894 ND4|D6R5X9 ATP6|E1AXS4
 23895 FRA10AC1|Q70Z53 HLA-A|D3U433
 23896 hCG_2044796|A0A024R4W7 HLA-C|U5YD57
 23897 EGLN2|Q96KS0 DKFZp686N19168|Q6MZJ2
 23898 COI|Q4R1L4 cytb|Q5GNC2
 23899 G3BP2|A0A024RDE5 SCIMP|Q6UWF3
 23900 ND1|J7K726 CCNB3|Q8WWL7
 23901 LTBP2|Q14767 SNAPC5|H3BQA0
 23902 HLA-DRB1|Q9GJ37 PTPRK|Q15262
 23903 IL5RA|Q8NHV7 LZIC|K7ES95
 23904 CYTB|H9P5Q5 NAPE-PLD|A0A024R737
 23905 GPI|K7EPY4 LSP1|C9JDV1
 23906 NRXN2|G5E9G7 PITRM1|H0Y4F7
 23907 SPAG5|J3KSV2 LOC101930165|A0A0B4J2C8
 23908 RBM5|C9JFQ5 COX1|A0A059QJ22
 23909 HLA-C|F1CCK5 UCHL5|H0Y4K0
 23910 HLA-C|G0X8T6 HLA-DPB1|A0A0A7C9R4
 23911 ATP6|A0A059RW04 EPC2|Q52LR7
 23912 CYTB|E0YM42 AASDH|Q4L235
 23913 DSN1|Q5JW57 HLA-DPB1|A0A0A7C5D7
 23914 COQ7|H3BSZ3 DKFZp686P19218|Q7Z367
 23915 NMNAT1|B1AN62 ITGB3|Q1PBM2
 23916 A0AH|A0A087WVT3 HLA-C|D5FZQ7
 23917 OR16-89|O43874 HLA-DRB1|D5FIE0
 23918 ASAP3|Q6PJ46 DEPDC4|H0YIL0
 23919 WFDC2|A8K2M3 MX2|Q75MY8
 23920 NCBP1|X6R941 EIF5B|D3DVI5
 23921 PIEZO1|H7C2J5 ND5|D6R4M5
 23922 FLT1|V9Q5H8 ZDHHC17|Q8IUH5
 23923 HLA-C|G1EMR7 COX7A2|P14406
 23924 MYC|B3CJ76 F8|A0A2G9
 23925 FAM214B|Q7L5A3 COX1|A0A059QDC6
 23926 FBXO42|Q6P3S6 ND5|E2DG88
 23927 RPGRIP1|G3V3I7 HLA-A|E2DH82
 23928 NSUN4|Q96CB9 CSF3|Q6FH65
 23929 CYTB|Q4EYM8 TCEANC2|X6R7X0
 23930 CYLD|A0A024R6Q9 TFAP2E|Q6VUC0
 23931 CYTB|T1Q7A5 PMM1|Q92871
 23932 RBM25|P49756 TMEM214|Q6NUQ4
 23933 SQRLD|H3BNP9 CYTB|H9P068
 23934 ZNF433|Q8N7K0 TCEB3CL|A0A087WX78
 23935 ARHGAP32|G3V174 ESX1|A6ZIU8
 23936 CHUK|O15111 CDSN|M1SWB8

23937 RER1|Q5T094 GLYATL2|A0A024R4Z5
 23938 LIMK1|P53667 MBNL1|C9JP00
 23939 HLA-B|V5J9U7 PTC1D1|O75127
 23940 MSRB1|Q9NZV6 PPP2R5E|Q562F2
 23941 RPE|C9IYE8 ND2|H9M4B6
 23942 ND5|G9LGE9 PSKH1|P11801
 23943 PPM1M|Q96MI6 HLA-A|H9C3I5
 23944 HOXA-9|O75806 ZNF83|A0A024R4L3
 23945 IDI1|Q13907 SNAP91|E5RK51
 23946 SRY|Q52MX8 CRB2|Q5IJ48
 23947 APOA1BP|Q8NCW5 RAB11A|B4DQU5
 23948 ZNF585B|K7EL12 HGD|Q93099
 23949 CYorf16|Q8NFC8 EPC1|Q9H2F5
 23950 DKFZp666N1710|Q658W3 GGCT|A0A0B4J1Y4
 23951 COX1|H9QM08 HOXB7|Q9HB12
 23952 NTS|P30990 OARD1|Q9Y530
 23953 RARS2|H0Y450 PIN1|Q49AR7
 23954 CBX6|O95503 HLA-C|G0ZMK8
 23955 HLA-C|J7K040 ANK2|A0A024RDI4
 23956 PANK4|Q7RTX2 FAM156A|Q8NDB6
 23957 QTRT1|Q9BXR0 HLA-A|B0F9N2
 23958 RP11-479E16.1|B2C6G4 DNAH11|C0JYZ1
 23959 PDZRN3|B2RWP2 APOA5|A0A0B4RUS7
 23960 ATP6|A0A023R5M9 IZUM02|Q6UXV1
 23961 HLA-C|G1EQH0 TLR6|D1CS98
 23962 CYTB|F2WIIH0 NKTR|P30414
 23963 HLA-C|I6NN23 VILL|E9PFV5
 23964 MOG|Q5SSB8 COX3|H9QVE0
 23965 SIRT2|C9J3U7 VIL1|P09327
 23966 MT-ND1|P03886 MTDH|H0YBE0
 23967 KCNG4|Q8TDN1 SLC01B1|K4P1Y1
 23968 A4GALT|Q6RJV6 HLA-A|C0M140
 23969 HCN4|Q9Y3Q4 NECAB2|Q7Z6G3
 23970 HOXB1|Q9HB13 XRCC1|M0QZ96
 23971 CYTB|G9LDM6 AMER1|Q5JTC6
 23972 ND4|F1B7S4 CEP290|F8W0V9
 23973 STIM1|E9PJ19 TPBG|Q13641
 23974 LGALS4|Q6FHZ4 HLA-C|A0A060VHI0
 23975 CYP1B1|Q16678 SLC13A4|V9GZ66
 23976 ATF2|B8ZZU6 ND2|L0E7R4
 23977 ZNF582|A0A075B772 CYTB|A0A096WFG4
 23978 ND1|F5CUK4 LOC105371242|A0A075B767
 23979 HLA-B|A8VU75 RPL18A|M0R3D6
 23980 LHX2|H0YM35 KRTAP9-2|Q9BYQ4
 23981 TUBGCP6|E7EQL8 ND5|E5EXP8
 23982 SLC3A1|B8ZZK1 SPOCK1|D3DQB3
 23983 HLA-DRB1|A0A0A7C3D0 CCND3|B3KTY3
 23984 C1orf51|Q5TB13 HLA-DPB1|A0A0A7C661
 23985 N6AMT2|Q8WVE0 HLA-DQB1|I4EPK5
 23986 RCN2|H0YL43 ND1|C4PKA2
 23987 REEP2|Q9BRK0 FAT2|H0YBK2
 23988 HLA-C|G0ZDW5 AP2A2|E9PS94
 23989 UBE2T|Q9NPD8 ATP6|A1Z519
 23990 EIF3S1|A0A024R5S5 LMO3|Q05D86
 23991 FHL2|I0CE67 SEC11C|A0A0A0MR04
 23992 EIF5|H0YK29 GRIP1|Q9Y3R0
 23993 HLA-B|O19639 HLA-C|V5NQY2
 23994 VCAM1|F8UU18 LIG3|K7EQB6
 23995 HLA-A|I3QH00 ATP6|C8YHY6
 23996 EGFL7|Q9UHF1 HA02|Q9NYQ3
 23997 MYO1C|A1L180 RBM42|K7EML2
 23998 IGF2BP2|Q9Y6M1 PARS2|Q7L3T8
 23999 ZNF248|B1AL42 BPTF|Q86TN2
 24000 CYP2D6|P10635 MT1G|H3BSS0
 24001 DEFA3|P59666 SPNS1|Q9H2V7
 24002 RELA|Q04206 ND5|F1B5I2
 24003 CYP2D6|Q2XND8 GA|Q6LD43
 24004 TXNDC3|A0A024RA80 PIP5K1C|O60331

24005	AQP2 Q6FGT3	ND5 A0A068BYG7
24006	HLA-B M1F4D2	HDAC3 E7ESJ6
24007	KRT75 O95678	SERPINB2 P05120
24008	AGTR1 A0A0A0MSE3	COX2 K7X9X2
24009	PTC Q86UK4	HLA-C K9L7R5
24010	TTC28 B0QYP5	SLC6A14 Q9UN76
24011	RUNX1T1 E7ESA9	GRIK2 A0A0A0MR30
24012	SLC01A2 B4DJE6	THOC1 Q96FV9
24013	HLA-C F2VQN1	RNF114 A0A096LP02
24014	RAG2 P55895	ND4L H9E7C3
24015	IL3RA J3JS34	ABCA3 H0Y3H2
24016	RPL36A J3KQN4	EFCAB2 H0Y588
24017	ARHGAP45 K7ES98	MNAT1 P51948
24018	JMY Q8N9B5	ZNF277 A4D0S7
24019	UGT1A3 A9UKD1	CAP1 Q5T0S3
24020	HLA-B B2NJ16	HEL-S-52 V9HWG7
24021	gpcr Q05KQ8	SPPL3 F5H6I1
24022	KCNK13 Q9HB14	COX2 G5D8J3
24023	HLA-C H2BEA0	HMGB1 P09429
24024	DUS2L A0A024R6Z7	RBM12B Q8IXT5
24025	TRIM22 Q8IYM9	KIF12 B1ALC3
24026	BRE Q9NXR7	OMD Q99983
24027	SAMD11 Q5SV95	CYTB A0A068BN26
24028	IARS J3KR24	ND6 E5KYE8
24029	DKFZp686M15238 Q63HJ7	SPARC F5GY03
24030	HLA-C E3SWK0	DKFZp434L0610 Q9NT13
24031	HLA-A F6IQY3	HLA-B G1EPS7
24032	GPR107 Q5VW38	MYO1D J3KRL0
24033	KCNK5 O95279	TNNT2 A0A0A0MRJ5
24034	LCLAT1 C9J5S5	HLA-C E3T0W3
24035	ZC3H14 H0YJA2	SNX18 Q96RF0
24036	KBP-1 Q99302	TM2D1 Q9BX74
24037	ASB2 A0A024R6E7	COX3 A0A059QSG6
24038	ME3 O15201	COX1 H9LNZ7
24039	ASXL1 A0A087WWN0	AKAP13 A0A087WTD7
24040	HLA-C A2BCY3	ZC3H3 Q8IXZ2
24041	MOXD1 A6PVS1	MBNL3 B1AKI6
24042	ND5 Q6RS00	SNRPA M0R221
24043	SSBP1 Q04837	ND1 A8DBG1
24044	HTR2A L7QJB5	TMPRSS11B Q86T26
24045	EXTL2 Q8N8F1	MFAP1 P55081
24046	ALDH3A2 J3KTD9	ARSJ Q5FYB0
24047	CDK12 Q9NYV4	PARP10 E9PK67
24048	GABRG2 E5RGJ0	CYB Q0ZF14
24049	SRSF7 F8WEA1	LCE1E Q5T753
24050	ND2 U3L359	GYS2 A0A024RAU5
24051	GPR1 C9JQB7	PADI4 Q53HY9
24052	IRF5 F8WDH6	SIK3 Q9Y2K2
24053	CYTB A0A059QKH3	SKP1 F8W8N3
24054	CRMP1 E9PD68	ATP6 A0A096VY74
24055	RHD I7JB64	SNW1 Q6P151
24056	OR5AR1 Q8NGP9	STRF8 Q6EHZ3
24057	PRMT3 O60678	CES2 Q6IPK9
24058	CYTB A0A023R397	KDM6A F5H6S1
24059	ATP6 R4I9Q0	F8 Q003V9
24060	CKB P12277	EDN3 P14138
24061	KRT7 Q3B834	LGMN G3V263
24062	CYTB X5BPZ3	TOP1MT H0YC03
24063	ANAPC7 Q9UJX3	HLA-C Q700Z6
24064	HTR3A B3VRI5	ZSCAN9 U3KQB2
24065	PRKACB A0A0A0MS54	DDX1 F1T0B3
24066	HLA-A D3U478	ROR1 A0A0A0MTJ5
24067	DHX57 A0A087WZ11	TMEM63C Q9P1W3
24068	WIPF3 A6NGB9	SCFD1 H0YJY1
24069	KLC3 K7EL76	ZNF490 Q9ULM2
24070	COX2 H9S054	PRR11 Q96HE9
24071	CCT7 Q6IBT3	E2F8 A0AVK6
24072	ND5 A0A097PXG7	HLA-A A3RKJ9

24073	CPOX D6RER6	CEP57 F5H1B0
24074	SV2C B3KT41	GOLM1 Q8NBj4
24075	ND3 Q7YCC6	MTRR D6RF21
24076	CYTB G3EBE1	NLRP11 K7EMN8
24077	ATXN1 P54253	ATP6 Q6RNj5
24078	TTLL2 Q9BwV7	ND2 L7XP32
24079	PDE6B H7C4P9	BTK Q06187
24080	ND5 A0A075CA07	GLRA2 C9JBL4
24081	ND2 Q7YEE4	ND5 I3PX66
24082	ND5 B2D4D0	ATP6 F8V3Y3
24083	HLA-C A0A0A7C7Q1	SLC7A8 E9PLV9
24084	TDP1 G3V2U6	HLA-A D3U443
24085	NFATC3 B5B2S3	HLA-A W0HE66
24086	HIST3H2BB Q8N257	CYTB C3W5D6
24087	MRPS14 Q96Q61	DYRK1B A0A024R0M8
24088	SDR16C5 Q8N3Y7	ADAMTS12 P58397
24089	ARHGAP8 Q52M44	KCNH2 Q6U287
24090	CPT2 P23786	ND4L H9E846
24091	TMEM147 Q9BVK8	ND2 V9J1J4
24092	LIMCH1 E7EPK0	CHN1 B8ZZ96
24093	DKFZp434J218 Q8NCZ0	HLA-DR15 G1EMX5
24094	UGT2B7 D6RH08	MTSS1 E7EWW5
24095	FERMT2 Q96AC1	TARS P26639
24096	MTMR4 J3QLB9	DAPL1 A0PJW8
24097	ND5 U3LRZ3	PMM2 H3BV55
24098	HLA-B F8SKX7	MSL1 J3KSZ8
24099	GSTM1 H3BRM6	EEF1A1L14 Q96RE1
24100	LTA Q5STV3	NUP210 Q8TEM1
24101	SPSB2 Q99619	ALG3 H7C0X4
24102	ND4 F2WFX0	HYOU1 A0A024R3G0
24103	UBE2M A0A024R4T4	PAEP H0Y6A4
24104	MUS81 H0YE94	DHX32 Q7L7V1
24105	CECR1 Q9NZK5	BCAT2 O15382
24106	F10 B7ZBK1	RNF175 Q8N4F7
24107	PTPN5 A8MXF1	PEX11B O96011
24108	OR1L1 Q8NH94	RFX5 A0A0A0MSQ2
24109	MOCOS Q96EN8	KLHL13 Q9P2N7
24110	ARRDC2 Q8TBH0	GPD2 P43304
24111	MGAM E7ER45	CCNC P24863
24112	ARHGAP9 Q9BRR9	PPP2R2A E5RFR9
24113	ACP7 M0QYV2	UTY F4MHS2
24114	HSD3B2 P26439	NMBR Q4VBL0
24115	ANAPC7 Q9UJX3	TMEM163 Q8TC26
24116	OXA1L J3KNA0	RHCE A0A078N0E5
24117	MRPS15 P82914	VCY O14598
24118	IPPK X6R9A6	LOC223075 A0A090N7V0
24119	CAPNS1 U3KPR7	HLA-DQB1 A0A0A7C786
24120	ZNF530 M0R0Y5	PGCP A0A024R9B8
24121	AP2A2 E9PQP4	CD74 H0YBZ8
24122	HLA-C F6KS17	RPS23 P62266
24123	TNFAIP3 Q5VXQ9	CYTB H9EC11
24124	PTPRF H0Y380	DPP7 Q9UHL4
24125	MBNL2 A0PJJ3	ND2 A7LD85
24126	HLA-C Q700Z4	RGS11 Q8IWC5
24127	CATSPER3 Q86XQ3	ZBED5 Q49AG3
24128	MAD1L1 C9J9H5	HLA-C F2X638
24129	SOX21 Q9Y651	ND1 Q6R0U6
24130	ATXN7L1 Q9ULK2	HLA-C K7P5Q9
24131	TYRP1 P17643	EFHD2 H0Y4Y4
24132	NPEPPS E9PPZ2	RAP1B E7ESV4
24133	ND3 A0A059RLE2	RB1 P78495
24134	PGM3 D6RF77	DLGAP4 A0A087X246
24135	GAS2L3 G3V1N3	ZNF208 M0QXL7
24136	SLC39A5 A0A024RB24	CHDH A0A024R301
24137	IST1 H3BMU1	CSNK2A1 Q5U5J2
24138	RNMTL1 Q9HC36	ZNF613 Q6PF04
24139	ND5 H9S0A0	ATP6 A0A059S1D9
24140	MED26 M0QXW8	SLC14A2 Q15849

24141	PPP6R1 Q9UPN7	ATP6 C8Y007
24142	EEF1A1 Q6IPS9	CHI3L1 Q9NY41
24143	U2SURP E7ET15	ND4 A0A075X8B5
24144	COX3 Q5XZR9	ND5 Q2LHB7
24145	CYTB E9JY77	ND6 Q4F0B4
24146	OTUB1 F5H3F0	TMSB4X P62328
24147	TXNRD1 E2QRB9	BAG5 G3V274
24148	CCNB1IP1 G3V5S3	DAAM2 F2Z2Q2
24149	RCOR3 Q9P2K3	ATP6 B2MYP5
24150	PRKCH G3V4H0	POLR1A Q53T12
24151	HLA-A E7BY85	HLA-B A1DZU0
24152	HIST1H1E Q4VB24	CHPT1 H0YI84
24153	NUF2 B1AQT4	PCYT2 I3NI16
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24157	HDGFRP2 Q7Z4V5	ZNF575 A0A024R0U0
24158	ND5 Q6RMF4	ZNF766 M0R139
24159	CYTB A0A096YAV1	HLA-C O19784
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24161	RBM23 G3XAP0	ATL2 Q8NHH9
24162	CYTB A0SBS7	NUMA1 Q14980
24163	SERGEF H0YD20	TDP1 G3V2U6
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24165	ATP7A Q04656	HLA-C A0A0A7C6W8
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24169	ATG7 O95352	CIRBP K7EQL0
24170	TUSC3 Q13454	CCDC85B Q15834
24171	NCOA6 Q14686	ND2 H9QZ61
24172	NDUFA2 O43678	ATP6 I6MMM6
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24176	HLA-A M4MEU8	ND2 C6JWH4
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24180	ARCN1 Q6P1Q5	TMEM225 Q6GV28
24181	AKIP1 E9PPN7	GNAO1 H3BTM2
24182	GADD45B K7EM97	HLA-G R9WYY4
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24185	GDA Q5SZC5	ND5 A0A023Q756
24186	NIPBL A2RRA7	DMRT2 Q9Y5R5
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24189	SLC6A16 M0QYK3	SST P61278
24190	HPSE Q9Y251	ND2 X2C5R5
24191	CSAD F8VV11	NAT16 C9JB11
24192	TLR4 K9MSZ3	TAS2R43 P59537
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 24218 NT5E|Q6NZX3 ZBBX|B7ZMD2
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 24226 CALML6|Q8TD86 AKR7A2|O43488
 24227 ND3|A4GWW4 HLA-DR15|F1CCR0
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 24229 RNF4|P78317 PLA2G4F|A6H8K5
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 24242 SPARC|F5GY03 HLA-C|G0X8T0
 24243 COMT|F2WW53 VTCN1|Q7Z7D3
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 24245 SLC25A53|Q5H9E4 MYL7|H7C3E3
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 24268 CCL28|D6RC73 PCLO|E9PE96
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 24271 HLA-DMA|H0Y732 OR7-139|O43886
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 24426 HLA-A|D6ML17 DKFZp779I1858|Q68D50
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 24438 HLA-DQB1|F8LFZ4 SKIV2L|A0A024RCU1
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 24459 STK17B|O94768 PCDH7|H0YAH0
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 24510 HLA-A*03|Q9UEX6 PNOC|E7EVP0
 24511 HCR|A9XAE3 GABRA2|E9PBQ7
 24512 PCM1|B9EIS5 CYP4X1|Q8N118
 24513 TBX4|K7EPY2 SLC9A2|Q9UBV0
 24514 NFKBIA|P25963 BRPF3|E9PSF3
 24515 ELMOD1|Q8N336 ZNF446|Q9NWS9
 24516 SEC16A|X6RGP5 AMPD1|Q6I6Y2
 24517 HLA-C|G1ENU1 C1orf124|L8E708
 24518 ERG|P11308 ND5|D7P626
 24519 ATP6|F1AKZ2 POLD3|A0A024R5M8
 24520 hCG_1648279|D3DNC7 HHIPL1|Q96JK4
 24521 TUBA1C|F8VS66 SMARCA1|P28370
 24522 ARPC2|A0A024R408 SH3BGRL|O75368
 24523 GPR20|Q99678 SH3BGRL3|D3DPK5
 24524 C8G|P07360 FKBP1C|Q5VVH2
 24525 FCH01|M0QZE1 SHFM1|A0A087WXB9
 24526 HLA-C|D6C6B5 DCT1|A0A0A1EL53
 24527 RFX5|F8W689 EED|O75530
 24528 ERAP1|A0A075BW43 PHTF2|Q8N3S3
 24529 RYR1|M0R0S0 RPS19|M0QYF7
 24530 HLA-DRB1|U3PQT7 AP1G2|O75843
 24531 AZU1|P20160 MACF1|H3BPE1
 24532 COI|Q4GBG2 RRAGB|Q5VZM2
 24533 YWHAZ|E7EVZ2 SRR|I3L4W4
 24534 HLA-DRB5|Q30154 NADH5|Q4GFX7
 24535 TRPM8|H7BZP4 COX2|D2IKF4
 24536 RAB24|Q8WY67 CATSPER2|B8ZZQ9
 24537 SOX2|A0A0B5HP19 C2orf57|Q53QW1
 24538 HSD17B4|P51659 HLA-DPA1|P20036
 24539 CPXCR1|Q8N123 ND5|Q4F5V2
 24540 G6PC|P35575 ND1|J7HT47
 24541 HEL-S-51e|V9HW06 RAET1G|Q4V9S8
 24542 TRIM2|C9JVI3 MAGI2|D6W5N0
 24543 CAPN1|E9PQB3 JUP|C9JK18
 24544 PIK3R5|L7RT34 SCN8A|Q9UQD0
 24545 RNF166|Q96A37 BRCA1|A0A024R1W0
 24546 EIF3S3|Q6IB98 SLC6A8|X5DR98
 24547 ZC3H14|G3V5I6 ACTN1|G3V5M4
 24548 TBC1D3H|P0C7X1 CCR5|A0A089G3K4

24549 DKFZp313F1310|Q69YS2 KCNE1|C7S316
 24550 GTF2H2C|D6RAW1 TEN1|K7EL09
 24551 PNPLA4|P41247 ARG2|A0A024R6A0
 24552 SARCOSIN|Q3ZTS6 BCAR1|H3BVF0
 24553 ATP6|A6YXS6 ND2|C7SDU3
 24554 ZNF195|A0A087WT67 F8|A0FJ20
 24555 PLEKHH3|Q7Z736 HLA-C|G0ZMK3
 24556 COX3|A0A059QLT7 CYTB|A6ZHE2
 24557 AATK|H7C175 FUT1|C0L7J0
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 24559 RNF138|Q8WVD3 NAA38|O95777
 24560 ATP6|W0C8M5 FAM156A|A0A087WZD0
 24561 PTPRT|B1AJR8 FAP|F8WF29
 24562 CYTB|Q6RRC2 PIF1|Q9Y645
 24563 DUX4|E2JJS1 HLA-DRB1|Q30158
 24564 KCNE1L|Q9UJ90 HLA-A|F6IQV8
 24565 SOX8|P57073 JCG4|Q8WZ86
 24566 CYTB|L7NW44 MC4R|K4MUE5
 24567 ATP6|U5KQ12 COX1|G9LH64
 24568 IAPP|F5H0S1 NOSIP|A0A075B797
 24569 HLA-C|D6MLE9 C14orf164|A8MTL3
 24570 COX1|H9TVE6 DGKD|H7C0L1
 24571 MSX1|E9KXV9 ND2|A0A075X763
 24572 LGI1|O95970 hCG_2026222|A0A024R6Z5
 24573 USP26|Q9BXU7 ALG6|S4R350
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 24575 PBK|Q96KB5 KALRN|C9IZQ6
 24576 PAPLN|O95428 NRIP1_var2|N0GW17
 24577 AMIGO2|Q86SJ2 CYTB|H9MIE1
 24578 SLC01B3|F5H8K0 PRDM9|D2E459
 24579 HPSE|D6RAQ1 ND5|A4ZMW9
 24580 HLA-B|F4NBP4 FAM32A|Q9Y421
 24581 DMTF1|F8VXY9 AREC3|Q9UL97
 24582 IFIT2|P09913 VAV1|F5H5P4
 24583 SNTB2|Q13425 ADCY5|C9JQ38
 24584 RHN01|F5H7S2 NARS|K7EPK2
 24585 FOXN2|P32314 G6PD|E7EM57
 24586 DKFZp686F01113|Q68E04 ANK1|P16157
 24587 TLR8|Q495P7 SPRY1|D6REX7
 24588 PITX3|A0A0B5HP33 HLA-A|U5YBD2
 24589 ND2|F8RZN0 UGT2B10|P36537
 24590 B3GNT6|A0A024R5F9 DUT|H0YNW5
 24591 ND2|C8Y7E0 OR11A1|A0A024RCH9
 24592 ALDH2|B0LUG0 COX1|A0A059QQF0
 24593 ND3|A0A023R622 COX2|E7CM18
 24594 IL12RB2|A0A0A0MTN7 MFN1|H7C5H5
 24595 ZNF285|Q86WM0 DHFR|B4DM58
 24596 HLA-B|Q3S604 HLA-C|C0KJW2
 24597 SKIL|H7C4V3 UTY|F4MHM9
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 24599 CYTB|H9T202 ND4L|H9E8C4
 24600 SERTAD3|Q9UJW9 ATP6|Q6RQ23
 24601 HEL-S-102|V9HW43 HLA-C|M9P8I3
 24602 QPCTL|Q9NXS2 HLA-A|H2BE78
 24603 HOXA11|H0YIA6 AP1G1|H3BS13
 24604 HLA-DRB1|C1JJ53 BMP7|Q9H2W7
 24605 STX4|C9JFM5 FHOD3|K7EP24
 24606 SFN|P31947 DKFZp313N0733|Q5HYI2
 24607 CHST8|K7ENM3 HIRA|P54198
 24608 ZNF580|Q9UK33 KLHL22|C9J5F8
 24609 CYP2A7|Q17RW7 HLA-C|K9L7Q9
 24610 ZF6|Q92967 CFB|H7C5H1
 24611 HLA-C|D6MKU8 SCN1B|Q07699
 24612 GEN1|Q17RS7 NLGN3|X5DRC3
 24613 DYNLL1|F8VXI7 RAB31|J3QR51
 24614 CAMK1D|Q5SQ07 DAXX|Q9UER7
 24615 TMEM38B|H7C4C1 AP2S1|M0R1S0
 24616 CAP1|Q5T0R5 DKFZp666M0210|Q658W5

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24618	PLXNA2 075051	CALB1 E5RG14
24619	STIL Q15468	ZNF687 H0Y5I5
24620	ND6 Q7Y668	RIOK2 Q9BVS4
24621	BCL2 P10415	NEDD4 A0A024R5S9
24622	TXNRD2 A0A096LNY7	ATXN3 D3VVF0
24623	CYTB H9R6M2	PRMT7 Q9NVM4
24624	CTTN H0YEV2	BRCA1 E9PC22
24625	C1QA A0A024RAG6	TMSB15A P0CG34
24626	FBX011 B5MVC6	NADSYN1 E9PND0
24627	GRM3 Q14832	CARD8 A0A024QZD3
24628	HLA-C F2X639	RHOH D6RG23
24629	POLR2E A0A0A0MQR7	HLA-G B5LFY0
24630	GPR42 O15529	CUL1 Q75MQ1
24631	ACSL1 B7Z3Z9	KLK10 W8GIU9
24632	DCP1B F5GZK9	MFS10 D6RA47
24633	MLYCD O95822	CYTB H9PRF9
24634	SPP1 A0A024RDE2	OR5H14 A6NHG9
24635	HLA-A D6MLJ0	LMBR1 Q8WVP7
24636	RFX5 F6UE82	KLHL32 Q96NJ5
24637	ND2 C7B3M4	POLR2E K7EJ87
24638	SNRPC A0A0A0MRR7	COG7 I3L337
24639	MRPS18A Q9NVS2	MNAT1 P51948
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24643	CFB P00751	ND3 A5WZG8
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24645	MYO1E H0YLJ4	ZER1 Q7Z7L7
24646	GPC5 P78333	GJA9 P57773
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24649	APEX1 G3V5M0	IGF1 Q9NP10
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24651	ND6 Q7GXW8	DBP Q10586
24652	CS H0YH82	HLA-C K7P5Q2
24653	ZFP41 Q8N8Y5	MYH7B A0A087X0T3
24654	BTK Q3MS94	GON4L Q3T8J9
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24656	DSC3 Q9HAX1	NFASC H7C073
24657	EVC2 Q4W5A4	ZNF638 C9JHV0
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24659	SNRK A0A024R2Y6	SIPA1 Q96FS4
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24663	DIS3L E9PI20	PLCD4 Q9BRC7
24664	SEMG1 Q6Y808	IRS2 Q96RG4
24665	NID2 Q8IV28	TP0 Q502Y3
24666	SRY Q52MY1	TBC1D3I A0A087WXS9
24667	ND2 Q5Q5D4	PLCH2 O75038
24668	SEC22C H7C479	REG3G Q6UW15
24669	RHCE Q0E5G8	TPH1 B3VRZ0
24670	ZBBX C9JVV2	APAF1 A7E2A2
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24674	APC2 K7ELQ3	APEH C9JIF9
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24681	HLA-C C6K4K2	HLA-C U5ISX7
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24686	DRAP1 Q14919	CD7 P09564
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24692	NFAT5 F6X8W2	LILRB1 Q8NHL6
24693	CCHCR1 D6RD84	SLC43A2 Q8N370
24694	ND2 A0A059RVC2	HLA-C A0A060VD03
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24696	SLC26A9 Q7LBE3	SEC24D Q4W5D3
24697	CHRNA6 Q15825	PRKCH G3V4H0
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24704	CDKL4 F8WC88	ND2 U3L7M8
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24706	EFEMP1 Q53TA7	RHD E7BAS3
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24711	HLA-C G0ZDW0	MDM4 Q5T0Y2
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24713	NCAM1 A0A087WZS4	PPP2CB H0YC23
24714	MSX1 E9KY06	HLA-C Q700Z6
24715	VCP Q96IF9	FANCI H3BN35
24716	VDR F8VRJ4	SEPT5 X5DQL7
24717	ADCYAP1R1 Q6RKA2	RPL17 A0A087WWH0
24718	GPAT2 E9PE95	CRY2 A2I2P1
24719	UFC1 Q9Y3C8	STX17 E9PIC2
24720	NMT1 P30419	PAX7 P23759
24721	HECTD1 H0YJP0	ASPDH M0QZ80
24722	SAR1B D6RDB2	ECH1 M0QZW4
24723	MALSU1 Q96EH3	CALM1 P62158
24724	ARHGAP21 H0Y468	DKFZp686F18120 Q68DZ9
24725	TRAK1 A0A024R2M0	KCNE1 C7S316
24726	HLA-C M9P9T0	ATP6 Q5S9H3
24727	LATS1 H0YG09	ZNF385A F8VSJ1
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24732	HNRNPH1 D6R9D3	COX2 A0A097QC07
24733	EYA4 F2Z2Y1	TDP1 Q32Q25
24734	CYTB Q0Z7I1	LCE3B Q5TA77
24735	NR2F6 P10588	SELP P16109
24736	RNF220 Q5TDE7	ARL2 P36404
24737	CYTB A0A059SED0	CD151 A0A024RCB3
24738	LTA Q45NE5	CSDC2 Q9Y534
24739	ATP6 U3LCA2	BBS1 E7EQH1
24740	CDC42BPB A0A024R6N2	SYT17 H3BSP0
24741	RAB11A P62491	CHST10 C9JWY0
24742	USH1C Q9Y6N9	WBP11 Q9Y2W2
24743	DFNA5 A0A024RA58	MYH7 A6N933
24744	CES8 Q6P2E5	VDR T1WSH6
24745	KLHL15 Q96M94	UTY F4MHK0
24746	RPL6 Q02878	CCR5 A0A089G3P0
24747	FLG Q03837	ELA2A Q6ISU5
24748	HLA-G R9WXB4	FAM3B P58499
24749	NANOGP8 J7H408	HLA-C A0A0A7C4N3
24750	C4orf26 Q17RF5	SEC24A O95486
24751	F9 Q19UG9	h1 Q76N68
24752	MFSD9 Q8NBP5	ND6 J3QZS3

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 24756 KCNE1B|A0A087WWU3 ODC1|C9JG30
 24757 ND5|S4SQT8 UBE2N|F8VQQ8
 24758 HLA-B|I3VZ13 RHD|Q86UI3
 24759 ND4|F2WMZ9 PLK2|A0A024QZV1
 24760 GSTO1|P78417 SPRED2|Q7Z698
 24761 HLA-C|F6IQJ7 HLA-A|I0J2M4
 24762 FABP4|E5RIR0 MXD4|D3DVQ5
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 24765 PPA2|A0A0C4DGB9 TADA2A|A0A087X2C8
 24766 ND1|A6ZHX0 ELK1|A0A024R1A7
 24767 NT5M|Q9NPB1 ZNF277|G5E9M4
 24768 ND5|B2XPU3 HLA-C|G1EQ76
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 24770 ZFAND2B|E9PFU9 IREB2|H0YLE0
 24771 DKFZp313K2110|Q69YS0 CACNA1H|Q9NYY7
 24772 FBXL15|Q9H469 HLA-B|Q3LAZ3
 24773 STXBP4|Q08AL9 CPE|D6RF88
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 24777 GMCL1|Q96IK5 CYTB|E9JWK5
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 24779 PLB1|H7BZW4 HLA-DRB1|M4YUW8
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 24782 PCK2|A0A0A0MS74 MT-ATP8|P03928
 24783 RPS2|P15880 NANOGP8|J7H9S6
 24784 RNMTL1|Q9HC36 CNTNAP1|A0A024R1Y9
 24785 MYD88|Q99836 ATP5S|Q99766
 24786 KIF1C|I3L1B1 TEP1|G3V470
 24787 CTSL1|A5PLM9 PPFIA3|A0A0C4DGR7
 24788 HLA-A|D6MLH3 LGALS8|Q5T3P9
 24789 HLA-C|M9PAK8 RPS2|P15880
 24790 TRIM33|H0Y612 SLC9A9|Q8IVB4
 24791 MMP13|Q7Z5M0 SLC5A9|H0YC92
 24792 ESR1|B5TZ83 SEC22A|Q96IW7
 24793 HLA-C|I7GYF8 ABCG4|E9PJ00
 24794 FMNL1|K7EK60 CHST6|D6QZA0
 24795 HLA-DR15|D6MJL2 ND5|A6Z638
 24796 ALDOC|P09972 RELA|E9PKV4
 24797 CIT|H0YGG8 SNX12|Q3SYF1
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 24799 PPIF|A0A024QZS4 SETD1B|Q9UPS6
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 24801 HLA-A|D0EZJ9 EIF3S3|Q6IB98
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 24806 DLX3|F8VXG1 GCHFR|H0YNM1
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 24808 CELA2A|P08217 MMP17|F5GWR3
 24809 ELMOD3|E9PI96 CYTB|V5JKF4
 24810 COX1|H9RQ17 SGK071|Q8NE28
 24811 NEDD4|A0A024R5S9 RERG|Q96A58
 24812 HLA-C|E5DCP7 PPP4R1|J3QLA6
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24826	AMICA1 Q496M2	CTDSP1 H7C1Z7
24827	CDC27 I0EZ72	SLC02B1 C7BWB7
24828	KBP-1 Q99302	C1orf65 Q8N715
24829	TGFB3 A5YM40	CBLN2 A0A024R380
24830	TMEM88 I3L2J3	CNOT10 Q9H9A5
24831	GCDH K7EQ99	HLA-A A0A0A7C811
24832	ST6GAL1 H7C472	LEPRE1 Q32P28
24833	CMBL Q96DG6	ILF3 K7ENK6
24834	PDE3B Q13370	NDN X5D982
24835	p53 Q761V2	TRAF4 Q2KJU6
24836	FTH1 P02794	PARP1 Q6PJL0
24837	ZNF263 I3L393	ATP6 A6ZEV9
24838	HYKK A2RU49	ICAM4 Q14773
24839	NEK4 P51957	HLA-C G3D6I1
24840	TNFSF18 Q9UNG2	KYAT3 A0A0A0MRN6
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24842	ATP9A O75110	HAS1 D2N2G5
24843	PAC3IN3 A0A0C4DGG1	AKAP9 A0A087WX84
24844	GPR162 Q16538	P2RX4 F6SFZ6
24845	CSNK1D A0A024R8X3	ND1 Q5Q757
24846	CNOT9 F8WBZ6	ENGASE Q8NFI3
24847	CCBL1 A8K563	FTSJ3 J3QSE2
24848	WDR12 Q53T99	IP6K2 C9J124
24849	SRY U5XN82	CDH2 C9J8J8
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24853	RBP5 A0A0B4J233	COX2 A0A023QC22
24854	OPN4 Q9UHM6	NIF3L1 A0A024R3V7
24855	AlphaTFEB Q86WB1	USP17L8 P0C7I0
24856	MCM2 C9J013	GALNT12 Q8IXK2
24857	SLC10A3 P09131	HLA-Cw C0M124
24858	RPS3A H0Y8L7	CYTB L7XRW4
24859	ESYT3 H7BXJ6	C9orf9 Q96E40
24860	TAF6 C9JHQ8	FABP9 Q0Z7S8
24861	ND3 A0A059QIM5	PGAM1 Q6P6D7
24862	FLJ00305 Q8NF68	ABT1 A0A024R029
24863	PA-PLA1 D3K5P3	cytb B1W9N4
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24866	SET Q01105	STAT1 P42224
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24868	KEL W5XPK6	TUBB6 K7EL29
24869	ATP6 A0A096W0M4	AFF1 P51825
24870	GALNT2 Q10471	ATP6 A0A096VZZ3
24871	ND6 A6YWD9	MYO1D Q8N618
24872	PNLIPRP1 E9PMA6	ESYT1 F8VZB1
24873	F13A1 P00488	SDR42E2 A6NKP2
24874	PRKACB A0A087WVC4	BRD3 Q15059
24875	VCX3B Q9H321	MED19A5 I0J7B9
24876	CDCP1 Q9H5V8	FHL1 Q5JXH7
24877	DKFZp686B1310 Q7Z3X4	NRF1 A0A024R774
24878	OXCT2 Q6INA3	KRT8 F8VUG2
24879	GDF5 D3YRA6	CYTB Q4F0B3
24880	ZBTB45 Q96K62	TFDP2 C9J5D5
24881	DENR O43583	FASTKD5 Q7L8L6
24882	FAM115A Q9Y4C2	TLR4 K9MT91
24883	SLC9B2 A0A0C4DGB3	RB1 A0A024RDV3
24884	KIF5A J3KNA1	TXNRD2 A0A096LP96
24885	COX3 A0A059RHB6	ND3 D7NUT9
24886	H1F0 P07305	RASSF8 F5H0S5
24887	ST1A5 Q1ET61	ND2 R9Y271
24888	CYTB B5B0I2	ATP6V0A4 A0A024R791

24889 ZDHC14|B3KRY1 PGA3|P0DJ08
 24890 CFTR|Q6KEG3 HCRTR2|043614
 24891 HLA-C|G1EQ50 STOX2|Q9P2F5
 24892 SLC25A22|K4DIB4 RAD50|C9JNH8
 24893 ND6|T1Q6I5 ATXN3|D3VVL0
 24894 HESX1|Q9UBX0 COX2|U5Z9R9
 24895 COX3|H9E795 HLA-B|G1ENG4
 24896 CYTB|A0A023QA97 ATPase|Q9B1A3
 24897 HLA-A|F1C3G8 OSBPL6|Q9BZF3
 24898 SFRP4|Q6FHJ7 HLA-Cw|Q6IVK0
 24899 MSRB2|Q9Y3D2 ZNF608|B3KPE6
 24900 ZNF286A|J3KRF9 HLA-A|D6MLK3
 24901 LIG1|M0R0Q7 CTNND2|E7EPC8
 24902 CYTB|A0A0A0PXU1 CNTLN|Q9NXG0
 24903 APOL1|A0A024R1G8 CD2AP|Q9Y5K6
 24904 HLA-C|E3SWL9 VIL1|B4DV78
 24905 GTPBP8|C9J0K3 BCL11A|D9YZV9
 24906 CUL4B|A6NE76 MOK|E5RFX9
 24907 FOXO3|043524 WASH|A9QQ13
 24908 ATXN1L|P0C7T5 COX2|C9D661
 24909 ND4|L7XVX3 KMT2A|H7C5W4
 24910 UTY|E1NZ86 C3orf62|Q6ZUJ4
 24911 DKFZp586F0824|Q9NSY8 LOXHD1|F5GXP0
 24912 ATP6|Q7Y6X6 COX1|A0A059QL24
 24913 IFNA6|A0A0A0MQU8 CYTB|A0A059RAT0
 24914 ATXN3|D3VVK5 HRK|000198
 24915 CENPI|Q5JX02 ND1|Q5XRR9
 24916 TRPC4|Q3MHB9 HLA-A|W0NPY2
 24917 SLC39A13|Q96H72 ND2|Q15IQ8
 24918 STX1B|P61266 AOX1|C9J244
 24919 CYP3A7-CYP3A51P|A0A087WV96 SF3B2|E9PPJ0
 24920 TGM1|H0YLT9 PHF20|Q9BVI0
 24921 ACLY|P53396 DNASE1|A0A089NFS3
 24922 SACM1L|F8WDN7 PRODH|A0A087WWM6
 24923 CABP2|F1T0K2 LHFPL5|Q8TAF8
 24924 ND2|G3C9V6 SOX13|H0YDQ5
 24925 COX2|H9S054 SS18/SSX2|Q8IZG9
 24926 NAB1|C9JL92 CDC2L1|B7ZVY7
 24927 F9|Q19UL8 MC1R|Q1JUM4
 24928 HLA-B|I3VZ13 KPNA1|C9JWD9
 24929 SLC31A2|Q53X94 SFMBT1|Q9UHH3
 24930 FDXR|A0A0A0MTR6 FLJ00401|Q8NF03
 24931 ND3|A0A059RSZ8 GALNT15|Q68VI9
 24932 ABCA13|A0A0A0MT16 SPTBN4|M0QZQ3
 24933 NOSIP|M0R3B2 NIP7|Q9Y221
 24934 PACSIN2|B0QYG8 NPHS2|Q9NP85
 24935 ARHGEF7|E9PDQ5 DIO2|A0A0A0MTQ2
 24936 ND4L|A0A059RQI6 GLS|O94925
 24937 HSD3B7|Q9H2F3 HLA-DPB1|I4EC16
 24938 HECTD2|X6R824 EFCAB8|A8MWE9
 24939 USH1C|Q9Y6N9 CHD1L|X5D2E5
 24940 hCG_2042868|A0A024R1B6 KMT2A|H7C5W4
 24941 TSPAN6|O43657 CYTB|F5CUJ0
 24942 RAP1GAP2|Q684P5 ZMYND19|Q96E35
 24943 MTAP|Q6FHT1 ARHGAP30|E9PLT5
 24944 CAPZA2|P47755 VCP|Q96IF9
 24945 OR2T34|Q8NGX1 PIGG|Q5H8A4
 24946 NDUFS1|F8WDL5 SLC25A11|Q6IBH0
 24947 L3MBTL2|H0Y5M2 NOL3|O60936
 24948 FRMPD2L2|B7ZML6 HLA-C|M9PA48
 24949 ND5|K7WG69 GABRA2|D6RBK9
 24950 SLIRP|G3V2S9 CYTB|R9Y6Q1
 24951 HLA-C|I6S7X9 SIRT3|Q9NTG7
 24952 HLA-C|M9P9P5 COI|U3M9P5
 24953 ZNF408|Q9H9D4 HSA10|Q9NZP4
 24954 DCTN2|F8W1I6 COX3|U5ZAB9
 24955 IMPA2|Q6PIP6 HLA-C|C0KJY4
 24956 TIMM17B|V9GYS0 ND1|G5D8K3

24957 ZNF442|Q9H7R0 TMPRSS2|O15393
 24958 GPR77|Q6NWR0 MC1R|V9QAR2
 24959 HLA-B|V6E0U6 TPRX1|D2CFI5
 24960 HEL-S-92n|V9HWP0 PRDM9|I7A6V7
 24961 PRAMEF7|Q5VXH5 ND5|L0E7U5
 24962 COX3|A0A059RHW4 RHD|I2HA00
 24963 SEC15L3|A5YP36 ATP2A3|A0A0C4DGN3
 24964 COX1|Q4VFI9 FLCN|Q8NFG4
 24965 ACE|J3KSQ5 UGT1A1|W6JIA6
 24966 DKFZp434D0815|Q9UFC7 CLDN24|A6NM45
 24967 SPTA1|P02549 DUS2|I3L1K5
 24968 TRAPPC5|Q8IUR0 SEPT8|A0A087X142
 24969 ADM|E9PML4 CCDC53|Q9Y3C0
 24970 NRM|Q8IXM6 ND3|A0A059RS30
 24971 DKFZp686C08112|Q6N019 MLH1|Q0ZAJ6
 24972 HLA-C|M9PA39 RNF185|Q96GF1
 24973 PPARGC1B|Q86YN6 TXLNG|Q9NUQ3
 24974 BRCA1|A0A024R1W0 ATP6|A0A059RMA1
 24975 UCK1|Q9HA47 PTGR1|F6XGT7
 24976 RHD|G8YY13 HLA-A|D5FIG6
 24977 DDAH2|O95865 ND1|D6R5V7
 24978 HLA-B|G9HRL0 XPNPEP2|B7ZLM6
 24979 RAP1GAP|Q5T3T0 FANCM|H0YJN7
 24980 CFI|A0A087X0I2 TTLL4|H7C1F7
 24981 CHRM3|B1AN12 CSTA|C9J0E4
 24982 ANXA11|P50995 RAD51B|G3V4W9
 24983 ATM|A0A024R3C7 TESK2|Q96S53
 24984 SMPD4|F8WF03 ZNF615|A0A087X254
 24985 NEU4|Q3KR05 PCDHA5|Q9Y5H7
 24986 RSPH1|Q8WYR4 DGKG|P49619
 24987 POF1B|Q8WVV4 HLA-G|O02924
 24988 ATP6|C8Y5J4 PAPLN|O95428
 24989 ZNF57|E5RHE3 AK9|A0A075B7F5
 24990 SPAG7|I3L4C3 ND1|Q9B1M4
 24991 WBSCR22|F2Z3D9 ND5|E5E148
 24992 ATP6|H9LH24 NAP1L4|E9PJJ2
 24993 YWHAQ|E9PG15 EFCAB11|H0YJX4
 24994 EXOC3L1|H3BRW6 VWF|L8E853
 24995 ND3|R9YBA6 CEP350|A2A4F6
 24996 LTA|Q5STV3 ND1|B2XQK2
 24997 TUBGCP4|H3BS59 OAS2|F8VPI5
 24998 cytb|Q4GLU2 ESPN|B1AK53
 24999 SLPI|P03973 cytb|Q85L03
 25000 ND4|H9PAU6 TADA2B|Q86TJ2
 25001 NISCH|C9J715 GPR116|Q4G0K7
 25002 SIDT2|C9JBG5 CREBBP|B5A231
 25003 COIII|Q4GPN6 HNRNPL|M0QYL7
 25004 TAOK3|F5H005 ND1|C3W5L0
 25005 JUP|C9JK18 CYTB|A0A097KTX6
 25006 VPS4B|O75351 APOBEC3H|B7TQM8
 25007 ITGB1BP2|Q9UKP3 ATM|E9PRG7
 25008 AIP|E5L4L0 C9orf116|Q5BN46
 25009 PFN2|P35080 IMPA2|O14732
 25010 FSHR|P23945 SRSF1|J3KSW7
 25011 GRM7|C9JMT3 NCSTN|Q5T209
 25012 NR2C1|B6ZGT7 POU5F1|D5K9R5
 25013 NANOG|Q9H9S0 HLA-DPB1|I4EC18
 25014 SNX10|C9JQ16 DISC1|C4P0D8
 25015 RIT1|V9GY29 ARID4B|X6RCR8
 25016 SFMBT2|Q5T980 ND3|A0A059QKC3
 25017 TEX101|A0A024R0T7 GTF2B|B1APE1
 25018 P2RX2|Q32MC3 USB1|H3BTT8
 25019 HLA-C|V5NQY2 RXRG|P48443
 25020 MDM2|Q96DS5 HLA-Cw|F5AVF1
 25021 RFX3|P48380 TMED1|Q13445
 25022 SNX8|Q9Y5X2 MDM2|F5H4Q8
 25023 CCNG1|P51959 ZNF512|Q96ME7
 25024 GIT1|A0A0C4DGN6 FTSJ1|A0A024QYX5

25025 PALLD|D6RBH5 SLC1A3|Q8N169
25026 SMC2|Q7Z2X1 ABCB4|Q4G0Q4
25027 HLA-C|E2DHA1 ND4L|H9E7C3
25028 BTG1|P62324 MAT2A|P31153
25029 ZNF544|J3KQC8 CYTB|C8YCX5
25030 DHRS7|H0YJR8 HSPE1-MOB4|S4R3N1
25031 CTSF|H0YE42 KLK13|B5BUM9
25032 PTGES3L-AARSD1|H7C054 ORC4L|Q53SE3
25033 ND2|K7WII7 CPSF4|H7C419
25034 CLCN3|E9PE15 ELOVL1|Q502X7
25035 SBF1|A0A024R4Z9 EIF1AY|O14602
25036 HLA-B|D2DL25 ARSE|F5GYY5
25037 THAP2|Q9H0W7 NPIPA1|Q9UND3
25038 TXNIP|A0A024R4B7 ATP6|F2WI85
25039 CYP21A2|V5WC48 CD36|H0YEE7
25040 TRIM50|Q2M204 EGFR|I3WA68
25041 WNT7B|B8A598 AEBP2|F5GZR7
25042 PRSS57|A0A0A0MR61 IFT27|Q9BW83
25043 CYP21A2|A9UF27 HLA-C|D5FZM4
25044 IFNL3|A0A0C4DGW8 RGS8|P57771
25045 FHIT|A0A024R366 CYTB|C7B379
25046 HLA-A|C8XTP2 MYH1|P12882
25047 EIF4A1|J3KS25 IFIT2|A0A087X279
25048 KCTD21|E9PK99 CYTH1|K7ENQ8
25049 HLA-C|R9RH45 R3HDM1|Q15032
25050 AOC3|Q16853 NCAM1|H7BYX6
25051 ADH4|P08319 HLA-A|A0A0A7C752
25052 FPGT|O14772 REV1|Q9UBZ9
25053 RCL1|Q9Y2P8 POMGNT2|Q8NAT1
25054 MED15|C9JM58 CARF|Q8N187
25055 ND6|A4ZMD8 COX1|B8X558
25056 CTNNA1|E5RGD2 COX3|B2XGB4
25057 ND1|R9Y4G3 ND1|A0A023QW57
25058 CS|F8VTT8 SCN8A|Q9P2Q6
25059 hCG_1994130|B2R4W8 ACAA2|K7EJB1
25060 CKMT1B|C9JSQ1 HLA-DR15|D7NST0
25061 AHRR|G3V143 GPR132|B2LM89
25062 ANO2|F5H806 RNF180|Q86T96
25063 OR2Z1|Q8NG97 CTBP1|X5D8Y5
25064 PDK4|B3KU25 COX3|B2YAW2
25065 MAP3K3|J3QRB6 UTY|F4MH47
25066 GGPS1|C9J7M1 WBP2NL|Q6ICG8
25067 CPM|F8W111 HLA-A|F8R116
25068 HLA-A|M9P9G0 AD|Q9TGM1
25069 PLA2G2A|A0A024RA96 AIG1|Q9NVV5
25070 GFER|H3BRD2 KIF5C|Q57YV5
25071 MYH10|P35580 ND5|B2D322
25072 UGT1A8|A9JQZ4 TBC1D4|O60343
25073 HLA-DQB1|A0A0A7C738 ERAP1|Q9NZ08
25074 NOX1|Q9Y5S8 ND5|F2WI64
25075 USP48|E9PJ93 SULT1A2|E9PM76
25076 ND2|S4V2T5 GPR82|Q96P67
25077 RAB13|P51153 TMEM176A|Q96HP8
25078 TXK|D6RBM7 TIMM10|P62072
25079 PUS7L|Q9H0K6 HLA-C|E0WBV3
25080 HLA-B|Q9GJN4 ARPP21|H7C2X8
25081 DNAJC13|O75165 ELAVL4|B1APY9
25082 ORC5|G3V0H0 PPARGC1B|B7ZM40
25083 CENPQ|Q7L2Z9 ADCY1|C9J1J0
25084 CYTB|V9K411 COX3|H9R484
25085 MYH9|A0A024R1N1 ND1|A0A068BZL9
25086 DPH1|K7EQQ6 CYTB|T1Q710
25087 SOX15|O60248 MTM1|Q13496
25088 MEIS2|A0A024R9L4 KCNQ5|A6PVT8
25089 BAIAP2L1|Q9UHR4 BAIAP2|I3L113
25090 SLC26A6|H7C291 APOC1|K7EKP1
25091 KEL|Q0KH87 CRIP3|Q5T045
25092 ARL17B|A0A087WVX3 SCIN|E5RHX6

25093 MYEF2|A0A0A0MR39 GLIS3|Q1PHK2
 25094 HLA-C|K7P605 FTH1|E9PPQ4
 25095 MRPS27|Q92552 TYW3|Q6IPR3
 25096 CCR5|Q9UN23 SENP6|H0Y8Y8
 25097 HOXA11|P31270 TREM2|Q9NZC2
 25098 PPIG|E9PG73 ND1|A6ZC19
 25099 MAGEA1|P43355 ND5|V9JMS4
 25100 ALG10|F5GZZ6 CMAHP|Q9Y471
 25101 COL18A1|D3DSM5 CPEB2|H0Y9D9
 25102 KIAA1377|Q9P2H0 JARID1B|B3KV94
 25103 SYBU|E9PNN9 ND1|E7E459
 25104 MPZL1|A8K5D4 CENPA|F8WD88
 25105 ACVRL1|D9IPD9 COQ5|Q5HYK3
 25106 SELL|Q8WW79 TGFBR1|F8W1R9
 25107 HLA-C|C6K4M5 CP|E9PFZ2
 25108 ND5|A0A059QH44 TSP02|Q5TGU0
 25109 C10orf2|Q9H6V3 CYP2D6|Q38LG2
 25110 CYTB|H9SGT0 ARSA|A0A0C4DFZ2
 25111 C6orf106|Q9H6K1 CYTB|V9IWP3
 25112 NAPE-PLD|A0A024R737 SLC14A1|K7EKN6
 25113 FGF4|P08620 FOXP2|A4D0T4
 25114 CCDC106|Q9BWC9 RPGRIP1L|I3L2P2
 25115 ZNF578|M0QZV4 MMP1|P03956
 25116 MSH2|V9H019 KCNRG|Q8N5I3
 25117 TXNRD1|A0A087WSY9 MED12L|F8WAE6
 25118 GIT2|Q14161 SRPK1|H3BLV9
 25119 HLA-A|E2DH74 GSTZ1|A0A0C4DFM0
 25120 PKM|P14618 C3|P01024
 25121 GLIS3|Q8NEA6 TBC1D2|Q9BYX2
 25122 ZKSCAN5|J7ME35 CCAR1|F5H1L3
 25123 ZNF107|A0A0B4J2G0 GUCA2B|Q16661
 25124 CYP51A1|Q16850 ATP6V1H|A0A024R7U9
 25125 GRPR|P30550 ENPP3|Q9H515
 25126 ZNF513|Q8N8E2 TNFAIP3|D3TTZ0
 25127 CCHCR1|D2IYK9 MKX|H0YKC7
 25128 DLX2|Q53QU7 ELF2|Q15723
 25129 EVA1C|F8WEK6 RAB5B|F8VPW9
 25130 DKFZp686F1345|Q5H9P1 HLA-A|E2GJE2
 25131 LMNTD1|F5H719 ADRBK2|P35626
 25132 RIOK2|Q9BVS4 SREBF1|F6V242
 25133 GPN3|Q9UHW5 BAZ2A|Q9UIF9
 25134 YIPF3|Q9GZM5 RAPGEF3|Q569L6
 25135 TOM1|H7BYN7 TRO|G5E9N2
 25136 DNAH2|I3L520 TAOK1|Q7L7X3
 25137 ICAM2|P13598 HMP19|Q6IAL2
 25138 HERC4|Q5GLZ8 HJURP|C9JWC4
 25139 BAIAP2|I3L526 GLIS3|Q1PHK4
 25140 AQR|O60306 PRKAB2|X5D9J1
 25141 NRP1|H0Y7Z2 PTPN14|E2J9M0
 25142 HLA|D7RJ49 HLA-C|V5N086
 25143 SLC2A1|Q0P512 COX1|H9LJV9
 25144 STK39|X5D2U3 ND4L|A6ZHH6
 25145 HLA-C|I6ZTR7 HSPA14|Q6P155
 25146 dopamine|Q16303 SPTB|A0A024R674
 25147 HLA-B|D3U3W6 CYTB|U3LB05
 25148 ATXN3|D3VVK1 AQP8|Q53GF6
 25149 HLA-C|U5YEV8 ZNF667|K7ERY5
 25150 COX1|A6YZK9 ANTXR2|A4FUA5
 25151 ZNF7|E9PM16 ZNF268|Q2TB61
 25152 TRIM46|Q5VT61 TMPRSS5|Q0P514
 25153 EXOC2|Q96KP1 ND5|H9RF34
 25154 KIRREL2|Q6UWL6 P2RY2|C6G7W2
 25155 CCBE1|Q6UXH8 PPM1N|H7C347
 25156 RBM25|E9PSE8 HLA-DPB1|Q9BCT3
 25157 BRAP|J3KNN7 UTY|E1U1N1
 25158 MOK|H3BNF8 COX1|C8Y0X9
 25159 CYB561A3|F5H240 MAPK9|B5BUJ7
 25160 ROR2|B1APY4 TEAD4|Q15561

25161 BCAR1|H3BVF0 PTPRO|A0A024RAS9
 25162 VRK1|Q99986 VASP|K7ENL7
 25163 ND5|Q7GWL6 DGCR6|Q14129
 25164 HLA-C|K7P507 HLA-C|F6KS15
 25165 AICDA|H0YFL3 ARFGAP2|E9PMU9
 25166 MPPE1|K7EQ70 CFTR|Q5I6N4
 25167 USF2|M0QYU7 SMARCD2|Q92925
 25168 FLII|K7EP27 ND5|A0A059RX43
 25169 KCNJ1|A0A024R3K6 PUS1|F5H1S9
 25170 MICAL-L1|Q641Q8 ARF4|P18085
 25171 ADPRHL2|B7ZAN4 ND2|A0A096WDG3
 25172 DKFZp547A0616|Q5JQ44 HLA-B|D4HPJ5
 25173 CARD10|Q17RA1 PITX3|A0A0B5HLA6
 25174 GALT|Q14367 SPAG16|Q8N0X2
 25175 CYTB|A0A023QZD2 GLB1|P16278
 25176 TCF7|H0YBP2 NHLH1|Q5T203
 25177 HLA-DQB1|A0A0A7C769 CYP2D6|C1ID54
 25178 CFTR|A0A096ZUB9 SAMD11|Q5SV95
 25179 CYTB|A0A097KTZ7 ARHGEF2|V9GYG5
 25180 MMP25|Q9NPA2 NPAS3|X5D985
 25181 HLA-C|F6KRY4 BMPR2|Q13873
 25182 ATP9B|K7EII3 PLXDC1|C9JWQ3
 25183 ZCCHC24|Q8N2G6 KCTD1|A0A024RC45
 25184 C2|B4DQI1 PGPEP1|U3KQG9
 25185 EIF2S1|Q53XC0 HLA-C|G3D6G4
 25186 HLA-A|I0BW64 ND4|Q305M9
 25187 RCAN1|P53805 TUBB6|K7ERA8
 25188 HLA-A|A0A060VG34 ZNF667|K7EQ15
 25189 PGRMC1|Q6IB11 LSP1|C9JU59
 25190 RIT2|Q99578 RSL1D1|O76021
 25191 GGT2|P36268 HLA-Cw|B5AFW6
 25192 TIRAP|A0A024R3M4 SLC39A3|Q9BRY0
 25193 DPYSL5|E7EWB4 SLC16A7|O60669
 25194 GABBR2|O75899 BCORL1|Q5H9F3
 25195 DTHD1|D6RB49 HLA-A|F6IR33
 25196 ND5|A0SBH1 GTF3C5|Q9Y5Q8
 25197 LRRFIP2|A0A024R2K4 SCAMP5|H3BS22
 25198 MC1R|V9QB02 CHCHD4|Q8N4Q1
 25199 UNC119B|A6NIH7 PPA2|H0Y8X2
 25200 TSSK4|H0YJB1 ZNF664|A0A024RBR7
 25201 DTNB|Q1I0L3 PPARGC1B|B7ZM40
 25202 AGO3|Q5TA56 ZNF705A|U3KQ42
 25203 COX1|I3PXU2 ANPEP|H0YM04
 25204 HLA-B|U6BMB5 MAPK3|E9PQW4
 25205 TUBB8|A0A075B724 LYSMD1|Q96S90
 25206 NELFA|H7C2M8 SLC2A2|C9J0E8
 25207 MYO1C|I3L501 ATP6|G4VZ16
 25208 NTRK3|X5D7M5 PIEZO1|H7C2J5
 25209 CTCFL|Q8NI51 TRPM3|A2A3F7
 25210 CASZ1|K7EQC6 TBCD|I3L131
 25211 ND6|A8R1N6 ZNF84|J3KQ53
 25212 NCAPG|D6RA93 HLA-C|F6KRZ3
 25213 HLA-C|M9PAN4 PABPC1|H0YAR2
 25214 SHARPIN|H0YCU2 NBPf3|Q9H094
 25215 ATP6|B4YBC1 HSD17B1|P14061
 25216 RAB6C|Q9H0N0 EXOSC9|A5PLM5
 25217 ABCC1|A0A0A0MS99 ATP6|F2WGR5
 25218 HARS2|B4DQ67 TGM3|Q08188
 25219 COX2|A1Z4V2 PIK3CB|C9JNF6
 25220 UTY|F4MH68 MMP2|P08253
 25221 FLI1|V9GY62 DKFZp686C06176|Q7Z3R7
 25222 PPP2R5C|H0YJZ3 QRSL1|B2RBJ8
 25223 NDUFB3|O43676 MSX1|E9KXV6
 25224 SPOPL|Q6IQ16 ND5|Q7YCE8
 25225 FM05|E9PQ84 HLA-A|A0A0A7C7D1
 25226 KDELR1|P24390 STK4|A0A087WVN8
 25227 FAM73B|A0A024R8B3 CDC25A|C9JFR5
 25228 HPCA|P84074 EIF3E|H0YAW4

25229 CCDC6-RETc|J7M8C2 KIF18B|Q86Y91
 25230 COX1|Q5XS99 BCR|ABL|A1Z199
 25231 KIF5C|Q57YV6 NUP155|O75694
 25232 KDM2B|A0A0C4DGG3 IRX4|P78413
 25233 EXOC4|Q6NX51 TMEM174|Q8WUU8
 25234 MYO9B|M0R300 ND4|Q1ZY32
 25235 CYTB|H9NRP1 CTDP1|Q9Y5B0
 25236 STARD10|Q9Y365 DAXX|Q9UER7
 25237 RAD54L|V9GYX6 MKRN1|C9IZP5
 25238 C8orf36|A0A024R9J6 KLK4|Q4VB17
 25239 ADCY2|Q08462 KCNC3|E7ETH1
 25240 IL24|Q13007 OR13D1|Q8NGV5
 25241 ENPP1|E9PE72 HLA-DPB1|A0A0A7C9D1
 25242 HLA-C|F4YUA1 OXCT1|A0A024R040
 25243 ZNF792|Q3KQV3 NUDT2|P50583
 25244 PCSK6|A0A0A8WJK9 ELOVL4|Q9GZR5
 25245 ABLIM3|A0A0C4DGA7 GJB6|A0A024RDS4
 25246 LAT2|C9JDY7 F8|B1B0G8
 25247 HNF1A|F5H0K0 ND5|A0A075C8A0
 25248 HEL-S-112|V9HW92 TARDBP|A0A087WX67
 25249 ZNF483|Q8TF39 EGLN1|Q9GZT9
 25250 ATP6|X2CNL3 IL6R|A0A087WTB5
 25251 APC|A5JUM7 CYTB|A0A068C0X9
 25252 MMP23B|H0Y6I4 ATP6|B2XHM6
 25253 EIF2AK4|H0YME5 YWHAH|A2IDB2
 25254 ZNF248|S4R340 POU5F1|B5B8P3
 25255 ABHD6|Q9BV23 SLC5A7|Q2T9H3
 25256 MCM2|C9JZ21 SCAI|H7C4U2
 25257 GATM|P50440 RFC4|C9JXZ7
 25258 CYTB|H9R3P5 ATP6|G4W157
 25259 MICA|M1Q4R4 ADARB1|P78563
 25260 MICAL2|E9PL42 NME3|H3BPR2
 25261 GABRA2|P47869 CACNA1E|Q9NY05
 25262 UNQ6114|Q6UWM0 KCNAB1|Q14722
 25263 PKNOX2|Q96KN3 COX1|A0A097PZ33
 25264 GABRB3|P28472 ND2|L7SM42
 25265 ADAM10|A0A024R5U5 DGKD|H7C0L1
 25266 NCALD|E5RIX3 PRKCE|Q53RT0
 25267 ZNF433|A0A024R7H6 GTSE1|Q9NYZ3
 25268 ATP1A1|P05023 PRDM4|Q9UKN5
 25269 APOBEC3C|Q9NRW3 SLC2A11|F8WB79
 25270 CYTB|Q7YEH1 HSPH1|A0A024RDS1
 25271 COX1|F2WIN8 cytb|A7XT95
 25272 GGA1|B0QYS0 SLC30A3|Q99726
 25273 POT1|H7C0Z6 ND1|A0A023QL98
 25274 CLU|E5RGB0 SIAT4C|Q6IBE6
 25275 CFTR|Q2I0A9 EXOC1|Q9NV70
 25276 HLA-A|D5H3U1 MAN2A2|H0YML7
 25277 TMEM38A|M0QYB6 SOS1|C9K0N6
 25278 EXOC6|H0Y5J8 HLA-DQB1|M4XZI1
 25279 HLA-DPB1|N0A934 HLA-C|A0A0A7C5Q3
 25280 NADH5|B1W6B2 FMO6P|O60774
 25281 TTN|A0A0A0MRA3 HLA-DPB1|A0A0A7C5T4
 25282 COX1|B8X5M7 ZNF277|Q9NRM2
 25283 SLC26A8|C9JMV8 OSGIN1|J3KRK7
 25284 CYFIP2|Q96F07 MRPL23|Q16540
 25285 OTX2|P32243 HLA-B|V5J9X9
 25286 TP53I3|H7BZH6 BIK|Q13323
 25287 COL5A2|P05997 HLA-C|D7NNY9
 25288 HLA-C|C5J013 AFG3L2|Q9Y4W6
 25289 GPR50|Q7Z581 TPP1|D3DQU2
 25290 GATA5|Q9BWX5 HEL-S-113|V9HW79
 25291 CERS2|Q5SZE1 HLA-Cw|B5AFW3
 25292 RHD|D8MJ84 HLA-C|A0A0B7NXV1
 25293 ELM02|H0YCM7 HLA-C|M9P8I1
 25294 ND5|E9K900 HLA-C|Q861B1
 25295 SMRP1|Q8NCR6 LCN15|Q49AN5
 25296 CDK15|Q96Q40 OCLM|Q9Y5M6

25297	HLA-C D6ML95	CCDC88A C9J225
25298	GALT D0EM87	SP3 Q86TP0
25299	ATG4D K7EPJ0	HLA-A A0A076L0P9
25300	ARAP3 Q8WWN8	PRKCA B0LPH5
25301	COX2 G8JF18	Hosa(Biaka)-T2R10 Q50KS2
25302	TGM3 Q08188	MTAP Q6FHP1
25303	HLA-A D5H3U2	ART5 H7C3U2
25304	FFAR1 O14842	ARHE Q6FGN7
25305	DDO F2Z2E0	FUT1 F1D990
25306	HLA-A Q5D1X2	NMNAT1 Q9HAN9
25307	ARTN D3DPX9	CYSLTR1 Q9Y271
25308	BBC3 Q96PG8	DUS3L Q96G46
25309	C12orf65 F5GWJ6	GRK1 Q15835
25310	ZNF773 M0QYZ8	AP1M1 Q9BXS5
25311	FEN1 P39748	CASP6 P55212
25312	GMDS O60547	CCBL1 B7Z4W5
25313	ND2 Q2LHC6	TAPT1 Q6NXT6
25314	NCAPD3 P42695	GTF3C1 Q12789
25315	NRG1 Q7RTW4	SNTG1 A0A024R7Y0
25316	KIDINS220 Q9ULH0	COX1 F1AK66
25317	RINL Q6ZS11	ZSCAN29 Q96AG1
25318	GDPGP1 H0YN11	FBLN7 B8ZZC1
25319	ND5 A0A059RUA6	SEPT10 C9JNR7
25320	GSTM4 A6NNT0	TYW5 A2RUC4
25321	RPS6 A2A3R7	CYTB A0A0A0PK98
25322	AMDHD1 Q96NU7	RNF150 Q9ULK6
25323	SLC1A4 P43007	MEFV O15553
25324	CCBL1 A8K563	HLA-C M9P8L1
25325	RNF182 C9JVS8	BCL2 A0A024R2C4
25326	HLA-C I6TF01	DKFZp762L056 Q8N3N3
25327	HLA-B G1EMM5	TRIM68 Q6AZZ1
25328	ND5 U5ZC31	XIRP2 A4UGR9
25329	COX2 Q6VJJ3	CSPP1 Q1MSJ5
25330	DUX4 E0Z3E8	PLXDC1 J3QR40
25331	CYTB H9R073	VAT1 K7ENX2
25332	NPEPPS P55786	FARP1 C9JME2
25333	LUC7L A8MYV2	CYTB G9LKG8
25334	ZNF274 Q96GC6	UCHL3 A0A087WTB8
25335	TRAF4 K7ER49	KCNH2 A0PJW5
25336	METTL10 Q5JPI9	HLA-DRB1 A7UHG5
25337	MBD6 F8VU14	GCSH Q6IAT2
25338	ENTPD5 G3V4I0	EPHA10 Q5JZY3
25339	HLA-Cw C7EW73	AK3 Q7Z4Y4
25340	SLX1A Q9BQ83	PTPN21 Q16825
25341	ZSCAN5B K7EJD1	CYTB R9Y5N5
25342	ADRB2 Q9BYZ0	PAWR F8W1M8
25343	CHRNA2 E5RHQ4	HLA-C F8R1C8
25344	HLA-C O78065	KIF2A H0Y8H2
25345	UBQLN2 Q9UHD9	SMAD4 Q9BYG6
25346	CYTB I3PY17	COX1 A6ZFK2
25347	DNPEP E7ETB3	TXNL1 O43396
25348	MYO3B F5H2J1	ADRA1A B0ZBD3
25349	ND2 A6ZCL4	CYTB Q15HJ6
25350	PHF12 Q0VAI6	GDAP1 Q8TB36
25351	HLA-DQB1 U5IQP6	F9 Q19UL5
25352	HP A0A0C4DGL8	CCSER2 Q9H7U1
25353	ADCK2 Q7Z695	GHRL E7ESW0
25354	GABRA2 E9PBQ7	IZUM01 Q8IYV9
25355	TBL3 J3KNP2	HLA-C A0A0A7C6B0
25356	TNP01 Q92973	SLC6A16 M0R1Y6
25357	ITGB7 H3BRM2	CYP21 Q16741
25358	G3BP2 D6RGJ4	SH2D1B O14796
25359	WARS G3V2F2	IKZF2 B4DWF2
25360	GRID2 Q4W5F4	FOXE3 A0A0B5INR4
25361	HLA-A B2MVI0	ND5 F2WG10
25362	TMPRSS5 Q9H3S3	SREBF2 Q12772
25363	TBC1D17 Q9HA65	TCEANC Q8N8B7
25364	PCDHGB1 Q3SY74	DPM3 Q9P2X0

25365 LETM1|D3DVQ1 NANOGP8|J7H749
 25366 HLA-A|A0A0A7C8T0 TLR2|D2JYJ3
 25367 SLC52A1|Q9NWF4 ND2|A0A059RP58
 25368 PKMYT1|A6NHV6 ATP6|H9SAF0
 25369 NAP1L4|E9PP22 GPR3|P46089
 25370 IRF3|E2GIM6 ND2|K9R0L5
 25371 HLA-DQB1|A0A0A7C6N7 SLC3A2|J3KPF3
 25372 CIITA|I3L2E5 GRIK2|Q13002
 25373 SERPINA9|Q86WD7 HLA-C|F2VNR3
 25374 POLR2J3|A0A0B4J1Z8 UTS2|A0AVP6
 25375 RBFOX1|F8VR27 GPR162|Q96I00
 25376 ASIC5|Q9NY37 ND4|D5I7I1
 25377 CYTB|G9LAW4 NACA|E9PAV3
 25378 PROKR1|Q8TCW9 CYP19A1|E7EPL6
 25379 F8|D5H408 VPS28|Q9UK41
 25380 KCNJ10|P78508 RBPJ|Q06330
 25381 CREBBP|B5A224 PRNP|Q53YK7
 25382 FBX021|O94952 C22orf29|C9J0V4
 25383 GLYATL2|A0A024R4Z5 CYTB|U3L8S9
 25384 RPLP2|P05387 GRN|P28799
 25385 MCIDAS|I6L8E2 Dnahc9|Q92865
 25386 LOC392742|A4D1A8 FUT3|B3GVC1
 25387 APEX2|Q9UBZ4 ZNF611|M0R1T1
 25388 OR10H2|O60403 MEIS1|Q53R57
 25389 LPL|Q6IAV0 THG1L|E5RIQ8
 25390 RAI2|Q9Y5P3 DOCK8|E9PDJ4
 25391 TGOLN2|O43493 EDEM1|Q92611
 25392 MTFR2|Q6P444 SRSF6|Q13247
 25393 ND5|A0A068BS35 ZFAND1|E5RIS3
 25394 ND5|U3L5J7 ATP6|E5E0I5
 25395 HLA-DQB1|V5JAE3 PMM2|H3BT06
 25396 SRP14|H0YLA2 ALG13|A0A096LNJ4
 25397 HLA-C|C6K4K8 C15orf24|A0A024R9K7
 25398 DBNL|F8WFE1 GPSM3|E9PIP3
 25399 ND6|E5DYD7 OR10G8|Q8NGN5
 25400 KRT71|Q3SY84 SF1|C9J792
 25401 RBMX2|Q05DU0 CPEB3|Q8NE35
 25402 DKFZp686A22123|Q6MZH4 CLHC1|Q8NHS4
 25403 BMP4|H0YWL3 HLA-C|K7WRG1
 25404 PEG10|A0A087WKK2 TSHZ2|S4R3C8
 25405 SLC23A2|H0Y544 SLC35B4|A0A024R779
 25406 PIAS3|Q6IAR4 NMNAT3|D6R975
 25407 EML2|C9JRL6 SF3B4|Q15427
 25408 IRF5|C9JB67 ORM2|P19652
 25409 ZNF596|Q8TC21 ND5|A0A059RP84
 25410 HLTf|H7C5K0 ERCC5-201|A0A090HNM7
 25411 ALDH1A3|H0YNQ3 HDAC2|E5RK19
 25412 ZNF608|B3KPE6 RPGRIP1L|H3BV03
 25413 CNN1|K7EQ72 HLA-C|H2B3F1
 25414 F8|A0A2G8 ARG2|A0A024R6A0
 25415 ATP6|A0A059QPL3 ATP6|A0A023I7V4
 25416 VMAT2|Q99870 HLA-C|E7D2A9
 25417 SRRM1|Q8IYB3 KRT25|Q7Z3Z0
 25418 TRIM73|I3L0H3 DLG5|Q8TDM6
 25419 ND1|A6YZM0 SSB|E9PGX9
 25420 HSD3B7|I3L2H6 HNRNPUL1|M0R247
 25421 SYVN1|H0YCR6 ETV1|B5MCT2
 25422 CYTB|H9E7C7 GK|F8WC39
 25423 HLA-A|U5YJP8 HLA|Q9BD08
 25424 SMPD1|G3V1E1 NPW|Q8N729
 25425 EFCAB2|Q5VUJ9 IRF7|Q92985
 25426 SLFN13|B7ZVY5 ZNF341|Q504V9
 25427 RFX2|K7EQA0 ND5|A8RC27
 25428 MICALL1|Q8N3F8 RPL11|Q5VVD0
 25429 KEL|G8FSY9 SLC35G1|Q2M3R5
 25430 KRT13|P13646 GNAQ|A0A024R240
 25431 HLA-Cw|E5G0X9 HLA-A|C8XTP2
 25432 ICA1|E7ENI6 CNPPD1|Q9BV87

25433 PLOD2|E7ETU9 HLA-DQB1|F8LFY4
 25434 HOXC13|Q6LAM3 PCYOX1L|Q8NBM8
 25435 ATG4B|C9J1C1 PDE2A|C9JPD5
 25436 CDC123|X6RKY7 ZCCHC7|Q8N3Z6
 25437 DNASE2B|A0AU7 CCR2|B4XH69
 25438 ND5|L7NV51 PTC3|Q96EY7
 25439 BCR/ABL|B0ZRR0 HLA-A|D3YN67
 25440 MYLIP|Q5TIA5 FAM13A|Q6P521
 25441 ADRB2|X5DQM5 ATP8|Q0Z7D7
 25442 PRKRA|C9JMM3 PYCR1|J3QKT3
 25443 AGXT2|Q9BYV1 TPO|E9PFM6
 25444 NDUFAF6|E5RGD6 ATP6V1H|E5RJG1
 25445 AMD1|P17707 TAF4B|Q92750
 25446 ZWILCH|Q9H900 SCAND3|Q6R2W3
 25447 SAP30BP|J3KS14 HLA-A|F1AQL3
 25448 FLJ10357|D3DS14 AID|Q8NFB8
 25449 HLA-C|G9HWA3 IRF3|E2GIM5
 25450 GNAZ|Q8IY73 PSMA6|G3V3I1
 25451 KDM6A|A0A087WUN6 VGCN1|A0A024RE05
 25452 PACSIN2|B0QYG8 SYT17|H3BSU5
 25453 MRPL15|E5RIZ4 ADAM17|Q53RS1
 25454 NARF|Q9UHQ1 GALK1|Q71UH7
 25455 ATP6|E5E143 COX1|J7HAE4
 25456 ADGRL2|B1ALU3 ABCC10|H0Y904
 25457 POLB|E5RJ55 ZNF641|Q96N77
 25458 ND4|S5RLC1 RPL3|F8WCR1
 25459 STX17|E9PIC2 M6PR|F5GXU0
 25460 PTS|E9PJM0 LSP1|C9JU59
 25461 G3BP2|D6REX8 ND1|A7LP59
 25462 CYTB|E9NZ63 NRXN3|G3V4R9
 25463 METTL5|Q9NRN9 ZNF579|Q8NAF0
 25464 ND1|A0A059QDA5 MYO3A|Q0VD65
 25465 FUT1|A7XM28 PPARG|Q4W4C6
 25466 SLC3A1|A0A087X0R9 CYTB|U3L957
 25467 PRDX1|A0A0A0MRQ5 ND5|B2XEY8
 25468 RPS2|I3L404 ATP5F1|Q5QN22
 25469 ND2|Q4VFB0 KNTC1|P50748
 25470 SKIV2L|B4E0B4 UBE20|Q9C0C9
 25471 IRF8|H3BRT4 DKFZp566L241|Q5JWW0
 25472 HLA-B|A0A0A7C4J6 ZNF609|O15014
 25473 TRERF1|Q96PN7 COX3|Q5Y0H4
 25474 ATP6|A0A068C9R9 HLA-A|A0A0A7C6Z7
 25475 TENM2|Q9NT68 GPR50|Q7Z581
 25476 DMPK|Q09013 MSX1|E9KXW0
 25477 POLR2E|A0A087WWX0 SLC5A6|E7EMX0
 25478 DKFZp686M0150|Q5CZA6 NET1|Q5SQI7
 25479 PIGM|Q9H3S5 PSEN1|P49768
 25480 TLR6|B6RFS7 RPS3|H0YF32
 25481 ATP8|Q6RMN1 CHCHD2|Q9Y6H1
 25482 COX3|E0Y4D8 SLC01A2|C9JTF6
 25483 MUT|S4UML3 MAPK1IP1L|Q8NDC0
 25484 PIGC|A0A024R900 ND5|A4ZMU3
 25485 SNW1|Q6P151 PIN1|Q13526
 25486 E2F3|Q499G5 CRYZL1|A6NMA8
 25487 HLA-DPB1|A0A0A7C8D2 SLC9A4|Q6AI14
 25488 LYG2|C9J4J0 HLA-C|G0Z8E0
 25489 SRP19|A0A087WWU9 MTOR|P42345
 25490 CHD5|K7EMC0 MANF|P55145
 25491 CLEC2D|W8JNK3 GRM5|G8XUU7
 25492 TOX4|O94842 GFRA1|P56159
 25493 HLA-B|C7E578 HOXA3|A0A024RA33
 25494 RBMS3|C9J1J9 ZFAND6|H3BMJ5
 25495 PTPRT|A0A087X1X2 PDSS1|Q5T2R2
 25496 S100PBP|E9PL86 HLA-B|K4NPJ3
 25497 HLA-C|G1EMT7 ATF4|P18848
 25498 cytb|Q4GPT2 NR3A1|B6ZGU3
 25499 CYTB|V9JF25 ND6|R9Y8B2
 25500 RND2|P52198 ESR1|C9E0F1

25501 TMEM68|Q96MH6 HLA-A|D6MLK6
 25502 HLA-C|D6MKW7 hCG_1642326|A0A024R8V5
 25503 AMY2B|P19961 ND5|A7XSF3
 25504 ND4|R9Y323 NADH5|Q4GEN5
 25505 ADAMTSL4|Q6UY14 NDUFA9|Q16795
 25506 HLA-C|G1EMT9 COI|U3M9T3
 25507 AP2B1|A0A087WZQ6 NRG1|H0YBA3
 25508 METTL7A|F8VQX6 ND2|H9LUI2
 25509 RCSD1|Q6JBY9 ZNF30|V9GYJ2
 25510 SPIRE1|J3KNG6 POU5F1|B5B8Q4
 25511 ND1|A6YXE1 PTGER3|Q6TTN3
 25512 ND2|U3L324 RNF126|A0A024R206
 25513 DKFZp6860111|Q5CZB4 PACRG|Q96M98
 25514 HLA-DPB1|A0A0A7C578 ND1|Q7YCD4
 25515 ND1|G9IFN4 CYTB|L7SMD9
 25516 ZNF34|A0A0C4DG42 GPX3|Q6NXQ3
 25517 OTUB1|J3KR44 ATP6|A0A076MLZ1
 25518 RNF225|M0QZC1 BFAR|H3BMP2
 25519 PRKAR2B|A3R6R8 ND2|Q5Q5D4
 25520 PITPNA|I3NI10 GAL3ST2|Q9H3Q3
 25521 PLAUR|M0QX27 COX1|A0A023Q3I2
 25522 GAMT|Q14353 ALD|Q6TGM1
 25523 RPSA|A0A024R2P0 HLA-C|F2VNP7
 25524 GTF2A1L|C9JJY0 NUP62CL|H0Y6X7
 25525 CCR5|A0A089G3J8 LM04|P61968
 25526 RNASE7|D3DS13 HLA-B|N0A4A9
 25527 GRAP2|O75791 ZNF195|E9PMX5
 25528 UGT1A3|A7ISW3 CCR2|B4XH68
 25529 CYTB|E2DGM0 HLA-C|D5M8B1
 25530 SMAD3|A0A024R5Z3 ND4|I3Q0R3
 25531 MAGED1|A0A024R254 MIS12|I3L4K6
 25532 XPC|D2CPJ2 PRG4|Q92954
 25533 HLA-B|A7WPJ0 HLA-DQB1|A0A0A7C8C0
 25534 HLA-C|M9P9V5 DRD1|Q6FH34
 25535 ZNF462|Q96JM2 HLA-A|K7P559
 25536 CYTB|A0A023QJS4 SLC25A47|G3V374
 25537 CCDC94|Q9BW85 CYTB|A0A097PW61
 25538 DKFZp686P18130|Q7KZA3 ND1|B2XIR0
 25539 FMR1|A0A087WXC0 LHX3|F1T0D5
 25540 CD83|Q01151 HLA-DPB1|A0A0A7C9G0
 25541 SLFN11|K7EIM3 CACNA1G|I3L2W8
 25542 ZNF761|A0A087WXU7 COQ6|G3V434
 25543 cytb|Q4GA99 RNF128|Q8TEB7
 25544 MAN1C1|A6NGN6 AAK1|Q2M2I8
 25545 HLA-A|T1WF44 FBN3|Q75N90
 25546 POLR3H|F8WDV1 ORC4L|Q53TH5
 25547 CHRN1|P11230 CCND3|D6RIX2
 25548 CHKA|A0A024R5E0 MUS81|H0YE94
 25549 ATP6|A7XSM8 HLA-A|G9HRP3
 25550 ATP6V1E1|Q53Y06 CLIC6|Q96NY7
 25551 MTMR2|Q13614 GIT1|K7EN79
 25552 TMEM66|Q96BY9 PCDH15|A0A087WTR6
 25553 HLA-C|Q6T392 PGAM1|Q6P6D7
 25554 CYTB|H9SFM7 IQCA1|Q86XH1
 25555 FGF14|Q92915 ND3|A0A059RPW7
 25556 NR3B3|F1D8R6 RABGEF1|E9PFK9
 25557 PRMT9|D6REN0 HLA-G|Q95391
 25558 F8|E3VWA3 PRSS12|P56730
 25559 MSX1|E9KXT4 HLA-C|F6IQK7
 25560 UGT1A5|Q5QTE5 HLA-C|F8SKZ6
 25561 CYTB|G4W3B8 YTHDF2|B5BU99
 25562 HLA-C|J9PVD3 HCAR2|Q8TDS4
 25563 FUT1|E3UTT6 PRMT7|H3BSS9
 25564 ND5|A0SBN6 KCTD19|J3KSZ9
 25565 NPAS2|H7C0Z2 SPCS1|X6R2S6
 25566 DHH|O43323 SLC12A2|Q53ZR1
 25567 GPRC5A|Q8NFIJ5 METTL11B|Q5VVY1
 25568 HLA-A|U5IS80 UBA5|C9JRV9

25569 POLR2J2|Q86UW4 ZNF669|Q96BR6
 25570 GPR148|Q8TDV2 CYTB|D6R5U3
 25571 SLC9A3|P48764 CHURC1-FNTB|B4DL54
 25572 ZFP91-CNTF|H3BTR0 COX3|S4V7D6
 25573 DEFB105A|Q8NG35 ZNF263|O14978
 25574 OGT|O15294 ARSI|D6RDH0
 25575 HLA-A|F6IQX5 NPTX2|P47972
 25576 LGALS8|A0A024R3X1 NPAS2|A2I2P5
 25577 COX2|A6ZF47 DENR|O43583
 25578 HLA-A|W0HE66 LAMC2|Q13753
 25579 DKFZp667P103|Q69YM5 STAT5B|C9J4I3
 25580 ZNF816|M0QZX7 RPL3|H7C422
 25581 CSTF3|Q12996 CYB561A3|F5H5Y9
 25582 KCTD19|Q17RG1 ITS2N|A6H8W8
 25583 HLA-A|D3YN67 PAPOLA|A0A024R6M3
 25584 SRI|C9J0K6 HLA-C|U5YCY8
 25585 APH1B|H0YLT0 LTB|Q06643
 25586 ZSCAN30|A0A0C4DGV0 MC1R|Q1JUL8
 25587 HLA-A|A0A060GQ71 SLC3A2|F5H867
 25588 GMNN|E2QRF9 CRYAB|A0A024R3B9
 25589 CABP2|F5H458 CCR7|J3KSS9
 25590 ZNF48|E9PQ92 ATXN1|P54253
 25591 ST3GAL1|E5RGL4 ND3|A0A059RI11
 25592 ND2|F1B6V4 ST6GALNAC5|V5N4G2
 25593 PTPRD|Q3KPI9 HLA-A|D7NNM7
 25594 ATP6|H9RB12 HLA-A|H9C3I4
 25595 EHHADH|Q08426 SIRT3|E9PM52
 25596 PCK2|B4DW73 JAKMIP1|Q96N16
 25597 CYP11B2|P19099 CD40|P25942
 25598 RGS6|B7Z7N5 SPAG11B|Q08648
 25599 SPERT|Q8NA61 KLK15|S5TEP0
 25600 SBF1|O95248 ADGRB2|A2A3C2
 25601 WDSUB1|D3DPA6 PARL|Q9H300
 25602 EXOC1|Q9NV70 EIF3J|H0YGGJ7
 25603 IL1B|B5BUQ8 METTL9|Q9H1A3
 25604 SAT|Q2TM25 POLI|Q9UNA4
 25605 VDACC3|E5RJN6 ZNF551|M0R2M4
 25606 PEX1|H7BZH3 PRDX4|H7C3T4
 25607 BCR/ABL|A9UF06 FDXR|A0A0C4DGN7
 25608 HLA-DR15|C7FDX1 ATXN3|G3V3T6
 25609 CALB1|E5RG14 RUSC2|Q8N2Y8
 25610 CREBBP|B5A231 NSMCE1|H3BSL0
 25611 GOSR2|O14653 EE1A1|Q6IPS9
 25612 NDUFS8|O00217 DEPDC4|A0A024RBI9
 25613 RHD|G8YY11 B3GNT3|Q9Y2A9
 25614 CREB1|P16220 PPM1H|Q9ULR3
 25615 UBE2E1|A0A024R2K3 NUDT21|H3BV41
 25616 GMFG|M0QX47 MAN1B1|H0YGV7
 25617 SIM2|H7BZX8 PPIE|E9PKY5
 25618 USP6|P35125 ATN1|P54259
 25619 TNPO3|Q9Y5L0 BAZ1A|Q9NRL2
 25620 RAET1E|A0A060ILJ5 OR4F4|Q96R69
 25621 TNK2|Q07912 MED26|O95402
 25622 TUBE1|A0A0B4J2B9 ARHGAP26|H7BZE1
 25623 ADGRL3|E7EUP0 PFKFB1|P16118
 25624 WNK3|Q9BYP7 CCDC129|Q6ZRS4
 25625 ICAM2|J3QQX6 RAD54L|Q92698
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 25628 FPR2|M0R222 CKMT1A|P12532
 25629 NDUFAF6|A0A075B6P0 HLA-DRB1|A0A0A7C3W1
 25630 ND3|U5ZAD9 HEXA|G3XL82
 25631 DCC|E7EQM8 RHD|Q4EW05
 25632 TFPT|G5E9B5 AGAP4|Q86XV2
 25633 DUOX2|S6CBA9 RUFY4|Q6ZNE9
 25634 PABPC5|Q5JQF3 ATP6|V5JH69
 25635 JAZF1|C9JGY8 FGF4|P08620
 25636 DMBT1|B6V682 PPP3CA|E9PK68

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25638	HLA-A U5YCH5	SLC15A2 Q86UE9	
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25640	ND2 C8YGV5	HSPB6 O14558	
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25642	DCTN1 C9JJD0	ACTR2 Q8IY98	
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25644	ZNF331 E7ERM8	KCNN4 O15554	
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25646	PKD2L1 Q1L4F0	GLA Q53Y83	
25647	ERF P50548	MREG C9JFU1	
25648	ALK A0A024A2P5	HLA-C C7FDW0	
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25652	ABI2 F8WCD7	GSC2 O15499	
25653	FAM13A Q6P521	HLA-B I2B2X6	
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25655	CD244 Q9BZW8	CALU O43852	
25656	LOXHD1 C9J269	CCL8 H0UIC7	
25657	ITGB7 F8W186	POLL Q5JQP3	
25658	UROD Q71UD5	EAF2 B4DWJ3	
25659	P2RY14 C9JAB5	GRID2 Q4W5F4	
25660	MAP2K2 G5E9C7	PIM3 Q86V86	
25661	DUT H0YKI0	GPR68 Q6NWR5	
25662	COX4I1 P13073	HLA-DRB1 M1LDI7	
25663	SNX6 H0YJF8	ND2 A0A059RLB6	
25664	SPIN2B Q5JZB7	PRCP E9PR42	
25665	RBM27 Q9P2N5	CCR5 Q9UN24	
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25667	MTF1 Q14872	WDR25 Q64LD2	
25668	ND3 H9T752	ATP6 J7K441	
25669	MDC1 Q14676	NKRF A2I829	
25670	PRDM8 A0A024RDC4	HLA-A V9N3G0	
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25673	KIF9 E7EUW8	LLGL2 Q6P1M3	
25674	HLA-A J9ZZZ7	STAT2 R9QDY3	
25675	HLA-B F4NBU4	KLHL8 D6RGH5	
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25677	GABPB1 Q06547	RR2M Q9UKM0	
25678	HMGNI1 P05114	AGAP3 Q86ST5	
25679	ZBTB20 C9JXC0	MRPS6 P82932	
25680	ND5 F2WIC9	ERCC2 Q2TB79	
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25683	KAT8 Q9H7Z6	ADRM1 Q16186	
25684	GLYATL2 Q8WU03	TNFAIP8L2 Q6P589	
25685	RABGGTA H0YLG7	SOSTDC1 A4D125	
25686	ZNF527 A0A0A0MRD3	ENO3 E5RG95	
25687	EIF6 P56537	SNX14 D6RJG9	
25688	ND4 A0A059RRD2	IRF3 Q14653	
25689	CDH8 J3KRI5	RYR1 M0R0S0	
25690	TOR1A O14656	COX3 V9N9G5	
25691	Hosa(Japanese)-T2R39 Q50KL2	HLA-B O19782	
25692	IL1RAP C9J9W1	ATP6 B6RGC6	
25693	ARHGAP45 K7ES98	PITX3 A0A0C5GCA6	
25694	PAR14 A8E0G8	CACNB4 E7DBM8	
25695	PSEN1 G3V519	HLA-B E2DH90	
25696	TXNIP Q9H3M7	MYO1G B0I1T2	
25697	ATP6 Q6RQW5	ATP8 B8X5B2	
25698	PRPS2 A6NMS2	FMR1 R9WPL0	
25699	RAB11FIP1 Q6WKZ4	ND1 A6YXP5	
25700	RBM47 D6RBP6	BBS2 H3BQ79	
25701	ITIH5 A0A096LP62	ATP6 A0A059RNJ2	
25702	HLA-C V5NQT2	PTPRB P23467	
25703	L3MBTL2 Q969R5	ZNF236 J3QQL1	
25704	ATP6 Q0VV46	DKFZp686E191 Q6AWB3	

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 25706 ZNF717|E5RKB3 ZSCAN12|O43309
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 25711 AATF|Q9NY61 CLCN3|P51790
 25712 NUPL2|O15504 PPP1R1C|Q8WVI7
 25713 RTF1|H0YKX1 XPC|D9I4E1
 25714 GNB5|A0A024R5V3 PRKACB|B1APG2
 25715 GALM|H7C320 CYTB|H9PJ22
 25716 SERINC5|A0A0A0MTB0 RNF224|P0DH78
 25717 SMN1|Q16637 TUBB|Q5SU16
 25718 RRP1|D6RE82 HLA-C|E7DQN6
 25719 MYBPH|Q13203 RHD|H8WR09
 25720 MRGPRX4|Q96LA9 GUK1|B1ANG9
 25721 MGAT3|Q09327 SMARCA4|A5D6X0
 25722 HNF1a1pha|B8YNU9 CYTB|D8L461
 25723 PPIA|C9J5S7 MAP2K1|Q02750
 25724 PRKCZ|E9PBE1 CTSB|P10619
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 25726 HLF|I3L4R4 ATXN3|G3V3T6
 25727 HLA-DRB1|S6AP21 TNFAIP2|H0YLC0
 25728 CNTRL|Q7Z7A1 ALG13|A0A096LNJ4
 25729 cytb|Q6R701 EFCAB12|D6RFI2
 25730 USP21|Q9UK80 HERPUD2|Q9BSE4
 25731 HLA-DPB1|A0A0A7C8V4 GPR179|A0A087X0K8
 25732 ZNF439|A0A0C4DG37 SOD2|A0A0C4DG56
 25733 DKFZp761P221|Q69YW1 CD34|P28906
 25734 ND5|A0A0A0PQM4 KLF1|B9U2C4
 25735 MT-ND4|P03905 CHRN2|P17787
 25736 MKNK1|E9PLE7 DKFZp781H1715|Q68DX5
 25737 TAOK3|G3V1Q8 ATP6|A0A059RUY3
 25738 HLA-C|G1ENT9 CRCP|O75575
 25739 ABCC11|H3BRJ2 CPT1B|A5PLL0
 25740 MDP1|Q86V88 ZNF696|Q9H7X3
 25741 MYO5B|Q7Z7A5 STAU1|O95793
 25742 SLC13A1|F5GYP1 hCG_1992840|D3DQV2
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 25744 MPI|H3BT48 PDLIM5|A0A0A0MSP3
 25745 HLA-B|D4HP81 ITSN1|Q6GMY7
 25746 FNTA|E9PPM9 TSC2|H3BMQ0
 25747 SNX16|A0A0C4DGW2 HLA-C|U5YD71
 25748 RPH3A|F8VNP7 MRPL16|Q9NX20
 25749 ND5|B4YFW0 PTPRC|X6R433
 25750 KIF3C|O14782 NFATC1|F5H4S8
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 25752 PHC1|P78364 SPSB4|Q96A44
 25753 MSX1|E9KXY5 PIGS|Q96S52
 25754 CYTB|U3L957 UAP1L1|A0A087X226
 25755 GMPR2|H0YKK3 SAMD4B|Q5PRF9
 25756 MUL1|Q969V5 COX6C|A0A024R9B7
 25757 MARK1|X5D7J4 AHRR|G3V143
 25758 ND2|Q6VIF8 ZNHIT1|O43257
 25759 HLA-C|K7WJY6 ZBTB24|O43167
 25760 FTSJ1|A0A024QYX5 ND5|Q5S9U8
 25761 FIGF|O43915 MRE11A|Q9BS79
 25762 PIGB|Q92521 FAM13B|D6RAT6
 25763 SHKBP1|M0R2U6 GPR12|Q6NWS6
 25764 HLA-A|H9C3I4 ND1|A0A059QVR9
 25765 CYTB|G9LAX7 TRPM8|Q7Z2W7
 25766 ND5|V9JJ03 HLA-DPB1|A0A0A7C9Z2
 25767 HLA-DRB1|G0YWD4 HLA-C|I6NS86
 25768 ATP6|B2D4T1 ABCA2|A0A087WKK5
 25769 HCR|A9XAF0 EPS8|F5H3Q6
 25770 SARDH|Q9UL11 ND6|B4YG13
 25771 GKAP1|C9J9D2 EIF2AK2|P19525
 25772 MRPL10|B4DEH0 ZNF85|M0R1W3

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25778	NANOS1 Q5T9H5	ESX1 A6ZIV3
25779	OR2A7 Q96R45	ZNF528 C9K0H2
25780	UGT2B7 P16662	CDSN M1SWB8
25781	PAX6 Q2XU32	KIF20A O95235
25782	ZNF491 Q8N8L2	ND1 A0S2L2
25783	CYTB A0A059QTD5	ENOSF1 J3QL99
25784	ZRSR2 A6NDW0	HLA-C U5YD77
25785	OR4A5 Q8NH83	KIF13A H0Y307
25786	COX3 H6WGK8	NUS1 Q96E22
25787	ND2 L7XKU3	HLA-C W1I435
25788	MC1R G3V4F0	NUTF2 A0A024R6Y2
25789	COX2 A0A059RIZ2	HLA-F Q6DU28
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25792	FAM13B D6RB33	SASS6 Q495U0
25793	ZNF643 D3DPV3	NCF1B A6NI72
25794	MDM2 A0A0A8KB70	DPP4 P27487
25795	KBTBD2 Q8IY47	KRT38 O76015
25796	ND1 G9LB95	ND2 Q0VWP6
25797	TCF4 P15884	UTY F4MHQ1
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25800	HVCN1 Q96D96	LSP1 E7EMG9
25801	EBNA1BP2 Q6IB29	LIPH A2IBA8
25802	ENOSF1 Q7L5Y1	RALGDS Q9HAY0
25803	HDAC3 O15379	HLA-DRB1 C1KJK6
25804	UNC5B Q8IZJ1	SRC P12931
25805	GPER1 Q99527	FAM184A Q6P9G8
25806	MTAP J3QSB7	COX3 H9PG91
25807	SOGA1 H0YDM2	USP3 H0YL81
25808	ZNF415 M0QX59	C2 P06681
25809	SLC2A8 A0A024R871	GOSR1 G5E9T8
25810	RPS3 E9PL09	NUBP1 P53384
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25812	HLA-B Q9BD25	UTY F4MH67
25813	RNF40 A0A024QZG0	DAO F8VVT2
25814	CCR5 A0A089G3N1	LEPROT O15243
25815	LYPLAL1 Q5VMZ2	HLA-A A0A060VG42
25816	TXNRD2 Q17RE6	CLINT1 Q14677
25817	CYTB E5E1Q8	ND3 A0A059RNS3
25818	H3F3B K7ES00	RPL29 C9IYI4
25819	F3 P13726	EPB41L2 E9PMG5
25820	CENPI Q5JX01	FMR1 X5DQX7
25821	COL7A1 Q02388	DCAF16 Q9NXF7
25822	MGAT1 D6RBS3	CNGB3 Q9NQW8
25823	CD70 P32970	MDM4 A0A087WTR9
25824	INPP1 C9J2Z6	CASP8 E7ETB7
25825	MS4A12 Q9NXJ0	AHCYL2 H0Y8B3
25826	BLOC1S2 F1T0F0	MEMO1 Q9Y316
25827	RHD G4XIC4	GPCPD1 H0Y565
25828	COX1 A0A059QMS2	GCSH Q53XL7
25829	SOX14 O95416	TGFBR2 D2JYI1
25830	ZMIZ1 Q9ULJ6	LTA Q45NE9
25831	RPL41 P62945	LRRC16A B2RTQ5
25832	SMAD6 O43541	B3GAT2 Q29RV3
25833	ATP6V0E2 E9PAS2	DCTN2 F8VRV7
25834	CFI G3XAM2	PRMT3 O60678
25835	MON2 Q6P148	UBE2V2 Q15819
25836	EIF2D P41214	RPS3 Q9NQS8
25837	HLA-A F6IQW4	CYTB A0A0A0PKB8
25838	GLTP F5GZ49	HLA-C C5J010
25839	PMS2 P54278	cfr J7GP68
25840	PEX11G Q96HA9	ATP8 G5D7T4

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 25843 ADCY8|E7EVL1 PHF19|A0A087X169
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 25846 HLA-A|A0A0A7C5G0 ARL17A|Q8IVW1
 25847 MAPK4|P31152 HLA-G|Q6B9Y0
 25848 HLA-A|J9PWV5 HLA-C|F2XI56
 25849 DYM|Q7RTS9 ND2|A0S296
 25850 MFSD4A|F5H391 ATP6|G5D8Q7
 25851 MICAL1|Q5TED7 ATP6|F1AKZ2
 25852 HLA-B|H6VGI9 TATDN2|A0A024R2F3
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 25854 IQSEC3|Q9UPP2 THRAP1|A0A024QZ75
 25855 PIWIL3|Q7Z3Z3 SLX1A|Q9BQ83
 25856 ABCB4|P21439 HNRNPL|M0QXS5
 25857 GNAO1|H3BNR5 PNPLA2|Q96AD5
 25858 ATP8B4|Q8TF62 NDUFS7|O75251
 25859 SHOX|A0A024R385 TMED2|E7EQ72
 25860 BMP2|C8C068 HLA-DQA1|A0A0C7DW92
 25861 HLA-C|E5DCP7 HLA-DQB1|E7BDD9
 25862 EXO1|A0A024R3V2 BCL2L13|B2RB43
 25863 ENDOV|I3L485 TRIM74|Q86UV6
 25864 zf30|Q92970 APC|A0A087X2F3
 25865 EXOC6|B1AP46 DMD|Q4G0X0
 25866 ND4|Q06T62 SARS2|B4DJM9
 25867 APP|H7C0V9 IMPA2|K7EII9
 25868 MGAT4B|H0YC11 UFD1L|Q92890
 25869 DO|Q3KZ27 HSP90B1|H0YIV0
 25870 MYF4|Q9HCA4 ND4|Q1W0W1
 25871 MYB|E9PKZ3 IP6K2|C9JMC9
 25872 TRIM28|M0R0K9 CPNE6|O95741
 25873 MTRF1L|Q5TF45 FGF2|D9ZGF5
 25874 COX1|A0A097PZ33 RGL4|H7C063
 25875 CLUH|O75153 SERPINB9|A0A024QZT4
 25876 CCR5|A0A089G7G7 HLA-C|E2GJH2
 25877 COX2|C8YBL1 ENPP7|Q6UWV6
 25878 SLBP|F8W8D3 DKFZp68602183|Q7Z3H1
 25879 COX1|A0A059QPG7 VAT1|K7ESA3
 25880 ATP6|Q6RQ23 HEL55|V9HWB6
 25881 APBA2|H0YNG7 BMP8A|A2RRG5
 25882 SLC6A8|H7C1I2 SYCE1L|A8MT33
 25883 CLEC11A|Q9Y240 CH25H|O95992
 25884 HIPK1|J3KP92 WDFY2|Q96P53
 25885 CYP2C9|S5R8H1 HLA-DQA1|Q67AI0
 25886 RAET1H|J7HBD5 CRYBG3|Q68DQ2
 25887 NSRP1|Q9H0G5 NHP2L1|Q6FHM6
 25888 RAB27A|H3BN55 CDC123|X6RKY7
 25889 ZNF525|E7EUL5 TARS|Q5M7Z9
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 25891 NEK2|F6U4U2 ACER2|Q5QJU3
 25892 IL1RAP|H7C3W4 NAPRT|G5E977
 25893 HLA-A|C8XTP6 ADAT1|Q9BUB4
 25894 HBB|Q14484 TRIM31|Q9BZY9
 25895 ELOVL6|A0A024RDK5 ATP6|E5E143
 25896 CXCL9|Q07325 HLA-C|F4YU96
 25897 CEP350|H0Y7F7 HLA-C|M9P8I1
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 25899 GATA5|Q9BWX5 ND3|G9LDG9
 25900 PCDHGC3|A0A087X1P2 PRKAR2B|P31323
 25901 ND5|W0C3F1 SLC25A13|Q9UJS0
 25902 HLA-C|E7D2A9 MTL5|Q9Y4I5
 25903 HLA-C|C9WES3 NFIL3|A0A024R241
 25904 NLRP3|Q96P20 DOCK4|C9J7D9
 25905 SLC6A20|Q9NP91 RHD|B2ZGP8
 25906 ANKRD30A|Q9BXX3 ELOVL6|A0A024RDK5
 25907 HLA-B|D3U3S4 EEF1D|A0A087X1X7
 25908 LZIC|K7ES95 DPP8|Q6V1X1

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25911	UPK1A 000322	MDH1 P40925
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25913	OR2F1 Q13607	HEL-S-299 V9HW87
25914	BTD C9J387	UTY F4MHB9
25915	CYTB E3W661	GGH Q92820
25916	TDG F5H539	P2RY4 C6G7W4
25917	CAMKK2 A0A024RBQ0	PFN1 P07737
25918	ESYT2 A0FGR8	HLA-A A0A0A7C6X6
25919	RNASE3 P12724	CYTB A0A068C7Y5
25920	KRT13 P13646	CRYZL1 H7C338
25921	ACADM H0YDT5	ADGRL1 K7ESH3
25922	HSD11B1L A0A087WWR3	PDXDC1 Q6P996
25923	HSD11B1 X5D2L1	STYK1 Q6J9G0
25924	CAB39 Q9Y376	CYTB J7HWJ8
25925	PITX3 A0A0B5HBG5	ZMAT1 Q5H9K5
25926	HLA-A A6N8R8	RPLP2 A0A024RCA7
25927	ND5 Q85KZ0	RPS6KB2 Q9BRS0
25928	HLA-B Q29836	HLA-DPA1 Q29ZN3
25929	CASP3 P42574	ND3 Q7GXZ5
25930	MSX1 E9KXY9	LYG2 C9JBA4
25931	IP6K1 Q92551	ZNF514 C9K038
25932	HLA-A D5FHK3	HLA-DQB1 I4EPL0
25933	HLA-B A8VYQ6	ANXA2 H0YKX9
25934	DKFZp586M1622 Q9UG07	MME L7ZC27
25935	CYTB H9NW64	PARP16 H3BV75
25936	PKN1 K7EKY9	ARL4C P56559
25937	COI U3M9R6	COX3 C5MM24
25938	RBM14-RBM4 A0A0A0MSL8	ZNF200 P98182
25939	PTE1 Q6FHI2	AKAP12 Q86TJ9
25940	RHOT1 H7BXZ6	PSG11 Q15461
25941	LM03 F5H3S4	F8c Q71UI6
25942	BRD7 Q9NPI1	ZNF10 P21506
25943	UNC13A F8W0P6	UTY F4MHI7
25944	OR5A2 Q8NGI9	ATP6V1B1 C9J5E3
25945	PDLIM2 Q96JY6	RPH3AL I3L349
25946	SLC44A5 Q8NCS7	STAT5A K7EK35
25947	NT5DC3 Q86UY8	ND1 A0A097PVV2
25948	CYTB A0A097Q0J5	ETV1 F8WEH6
25949	GCDH K7EQ99	GHR A0A087X162
25950	TDGF1P3 P51864	THBS4 E7ES19
25951	TGFB1 P01137	MYL4 P12829
25952	LASP1 Q14847	HLA-DQB1 A0A0A7C798
25953	EPB41L1 Q4VXN1	HLA-C V5LKW9
25954	DSN1 Q9H410	FUT8 G3XAD2
25955	IRGM A1A4Y4	KRBA1 A0A0C4DH65
25956	POMC K7R8W0	TP53INP1 Q96A56
25957	HLA-A C0M140	HLA-A M1FWW3
25958	MARCH8 A0A024R7U2	ZNF827 Q17R98
25959	TIMM8B G3XAN8	COX2 V9K571
25960	NINJ2 F5H3L1	CYP21A2 B2D081
25961	ND5 B8YQJ5	RPL30 P62888
25962	GBP3 Q5T8M0	MARCH1 D6RGC4
25963	HLA-C K7P5H7	SYNPR F8WF23
25964	ND4 F2WIG7	RPS8 P62241
25965	GABRP E5RHF6	HLA-C G1EQI3
25966	EZR-ROS1 J7M2B1	ARHGEF9 A0A096LNQ4
25967	IGF1 Q5U743	HM13 A0A0C4DGU3
25968	HLA-C D7NQZ2	SRP19 P09132
25969	PUS1 F5H168	MBD3 A0A087WT34
25970	ADAMTSL5 Q0VD77	JOSD1 B0QY58
25971	ZNF350 Q9GZX5	PGM3 D6RC77
25972	RCOR3 E9PQE5	HLA-Cw Q708F2
25973	COX1 A0A059QJB6	DNAJC9 Q8WXX5
25974	ADAM32 Q8TC27	OGDH C9J4G7
25975	GNAQ G9FP37	ATP6 B2D3Q0
25976	LIPC A6H8L5	XLKD1 B2R672

25977	HLA-A Q29840	FAM101B Q8N5W9
25978	HLA-C G9I2M1	NNT D6RAI5
25979	APOL1 U5LKM6	NDNL2 Q96MG7
25980	HLA-A C6K4J0	TAS2R60 P59551
25981	DGKI A0A087WV00	ST6GALNAC4 A6NJX0
25982	ADAT3 D6W601	ITGBL1 O95965
25983	SETD1A O15047	PRMD9 D9IWM8
25984	HLA-C I6NN58	SLC39A13 K4DIA9
25985	FKBP2 P26885	SLC14A1 K7EJ54
25986	ERC1 Q8IUD2	NR3C2 B0ZBF8
25987	ZEB2 E7EUW9	EMR3 A1L1B9
25988	HLA-B G1ENH2	CXCL5 P42830
25989	DOCK8 Q86XD0	PKD2L1 Q1L4F0
25990	RPL22 K7ELC4	COL4A3BP A0A024RAJ5
25991	ND5 A0A059RP21	RNASE13 Q5GAN3
25992	CLYBL Q5JVC2	APOL1 U5LIC5
25993	ND3 C8XZ47	RGPD2 P0DJ01
25994	ATXN3 D3VVP3	TMEM201 Q5SNT2
25995	CYTH2 M0R2J0	IL6R H0Y949
25996	METTL2B Q6P1Q9	CYTB Q7YED9
25997	ZNF302 D6RA23	CAB39 Q9Y376
25998	F8 B1B0G8	CSPG4 Q6UVK1
25999	DEFB113 Q30KQ7	DNAL4 O96015
26000	EPHA4 A0A024R452	SLFN11 K7ER38
26001	EIF2B4 Q9UI10	RPS2 E9PMM9
26002	HLA-C A0A0A7C6D0	PPA2 F8W7R6
26003	HOXB8 I3L3R1	TOM1L1 I3L367
26004	ATP6 A6Z571	HLA-A G9HRN9
26005	TTMP Q5BVD1	HLA-B B3V8R0
26006	IL1R2 Q6PIW7	ASXL3 K7EQY1
26007	PRKCD Q05655	HLA-DPB1 A0A0A7C8B0
26008	CYB561 J3KSL5	CYTB Q6VHA3
26009	SLC9A3R1 O14745	MINK1 Q8N4C8
26010	HLA-C K7P626	PNPLA8 A0A0C4DG51
26011	DKFZp686N0199 Q7Z3W8	NLK Q9UBE8
26012	CDKN2B P42772	TAOK3 H0YF68
26013	SAMD8 Q96LT4	RPL3 B5MCW2
26014	TCF24 Q7RTU0	SLC1A6 M0R0B5
26015	SEPT2 H7C310	DUOX2 S6BAQ9
26016	LMNTD1 H0YFE3	HLA-DR15 D6BPR2
26017	RABGGTB P53611	MAP2K3 C7DUW4
26018	ND4L H9E7Z4	BMF H0YNT3
26019	ND4 L7NVW2	HLA-C G1EQF6
26020	APOBEC4 Q8WW27	LRRK1 A6H8V9
26021	ZNF473 M0R123	ZNF675 M0R1W1
26022	COX1 R9Y634	VCAN Q86W61
26023	FUOM A2VDF0	NOP9 Q86U38
26024	DEFB1 P60022	CYP4F11 Q9HBI6
26025	MRPL15 E5RHF4	HLA-C F2X295
26026	ORC5 O43913	ND5 B2XPM8
26027	pp10122 Q8WYX9	CYTB E2JK12
26028	BST1 A6NC48	hCG_1983020 A0A024R5S3
26029	NYX Q9GZU5	TBC1D3L B9A6J9
26030	THAP4 Q8WY91	CYTB E2FPN9
26031	MMP10 P09238	ND6 Q4F4P8
26032	PAX6 D1KF47	ASB3 Q9Y575
26033	ADAMTS18 B4DEX3	FAM71C Q8NEG0
26034	PDZD3 B0YJ61	SLC14A1 F6IQ87
26035	CDX1 A0A087WTJ6	PkB-like Q9UPJ7
26036	ZNF441 Q8N8Z8	ATP11C A0A067XG54
26037	ERRFI1 Q9UJM3	MPI H3BUG1
26038	COX1 A0A059RR08	ChAT Q6LEN5
26039	PRMD9 D9IWM3	ZNF532 Q9HCE3
26040	DKFZp586I1223 Q9UG64	HLA-B B9WPQ8
26041	DKFZp779G1236 Q68D69	ZNF165 Q53Z40
26042	PRKACA K7ERP6	HLA-C U5YCA7
26043	CSGALNACT1 Q8TDX6	HLA-A D7NNM7
26044	ZNF254 A0A087WZJ7	DOCK1 Q14185

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 26046 HLA-C|F2VNT9 HLA-C|V5NWF0
 26047 HLA-C|A0A0A7C5Y0 PRPS2|P11908
 26048 MYBPH|Q13203 UTY|F4MHN1
 26049 CYTB|B2D597 ERMN|Q8TAM6
 26050 CRYZ|A6NP24 PLOD2|O00469
 26051 MUC7|Q8TAX7 COX1|A0A023RCN6
 26052 BRD2|P25440 HLA-A|E2DH72
 26053 MAP4K3|Q8IVH8 HLA-A|E7DZZ8
 26054 SDHA|A0A024QZ30 AHCYL1|O43865
 26055 USP33|E9PLK7 HLA-C|R4QU36
 26056 PKDCC|Q504Y2 COX1|A0A059QSE2
 26057 COX1|Q6RMP2 TOM1L1|I3L0N2
 26058 FLJ00064|Q9H7K8 GRIP1|H0YGF1
 26059 ND6|A0A096WNH2 THRB|W6JGS6
 26060 PREX2|Q56UR8 SMLR1|H3BR10
 26061 TRIB2|Q92519 CEP57L1|H0YB52
 26062 CDK4|F8VYH9 TTLL1|O95922
 26063 OR10S1|Q8NGN2 RNMT|K7EP06
 26064 INVS|Q9Y283 MAT2B|Q9NZL9
 26065 BICC1|Q9H694 SLC39A6|Q13433
 26066 SLC26A6|Q9BXS9 GLIS3|F8WEV9
 26067 ND1|J7HPU2 GRM8|H7C4V5
 26068 TUBA1C|F5H5D3 HLA-A|D6ML18
 26069 MPP7|Q5T2T1 TAB2|Q9NYJ8
 26070 ARFIP2|E9PRV8 SLC5A6|E7EP02
 26071 COPB2|H0Y938 ARL5A|Q9Y689
 26072 NGF|P01138 RNF13|O43567
 26073 THRA|J3QRA9 TULP1|A0A087WT25
 26074 AGRN|A0A087X208 NFIA|B1AKN6
 26075 IL1RL1|E9PC41 HLA-C|D6MLD1
 26076 TP53|A0A087WXZ1 EIF4A3|P38919
 26077 HLA-C|I6SJ94 RNF213|Q63HN8
 26078 COL5A3|P25940 GPR171|O14626
 26079 FSHR|B6UV82 RPLP0|F8VU65
 26080 CLPSL2|Q6UWE3 BRF2|E5RGX1
 26081 SS18|SSX2|Q8IZG5 CYTB|A7IZ65
 26082 RNF31|H0YMN0 HLA-C|D6ML79
 26083 GMEB1|B1AT47 KRT33B|Q14525
 26084 HLA-C|F8R1C5 YWHAZ|E7EVZ2
 26085 SLC17A1|Q14916 MMP17|F5H209
 26086 SLITRK6|Q9H5Y7 HEPACAM|Q14CZ8
 26087 HAVCR2|Q8TDQ0 ATXN3|D3VVM8
 26088 PDP2|H3BSA5 URGCP|Q8TCY9
 26089 PXYLP1|B7Z4T2 SETX|A0A024R8E8
 26090 SRY|Q52MX9 GALNT16|Q8N428
 26091 KRT1|H6VRG2 ND5|H9PV83
 26092 CD200|F8W7G1 COI1|C5H6M8
 26093 PIGF|Q6IB04 RPL22|K7ERI7
 26094 COL4A2|A0A024RDW8 HLA-DR15|F8R8M9
 26095 DBT|Q5VVL7 NFE2L1|J3KRF3
 26096 ND5|B2KM00 SLC7A14|Q8TBB6
 26097 HNRPA1|A0A024RAZ7 ATP6|Q7YEE6
 26098 LRRK2|Q5S007 HLA-C|W1I435
 26099 METTL3|Q86U44 BMP4|U3MVU6
 26100 ALG8|E9PR58 HLA-B|A0A0B7MB28
 26101 ZNF143|E7EN86 HLA-C|C6JSY6
 26102 CSNK2A1|A0A087WY74 ADIG|A2A2E7
 26103 ND4|G9LGD5 GLTPD2|A6NH11
 26104 CCT6A|A1JUI8 HLA-C|C6K4K3
 26105 HLA-A|A7L858 CTSB|A0A087X0D5
 26106 SEPSECS|Q9HD40 RNASE8|H2FJY6
 26107 ND4L|H9E7R6 DNAH11|Q75MY1
 26108 SLC51A|Q86UW1 SCN9A|A0A0C4DG82
 26109 PCBD|Q6FGB3 BAG5|G3V274
 26110 HLA-A|U5YBH7 FOSB|K7EKA0
 26111 CHD7|Q9P2D1 TWIST1|H7BY00
 26112 FAM118A|Q9NWS6 ABCB9|Q6P2Q0

26113 CYTB|H9RZT3 ND5|A0A096WB60
 26114 GRM3|Q14832 PTHLH|Q53XY9
 26115 CNTFR|A0A0A0N0N2 HLA-C|F2VNR5
 26116 STON2|Q6NT15 PIF1|Q9H611
 26117 TIFA|Q96CG3 DKFZp686K03205|Q68CX9
 26118 ZC3H14|H0YJA2 TOP1MT|H0YC03
 26119 ARID4B|A0A024R3V1 ATP6|F1CIE7
 26120 RPL5|R4GNJ2 RHCE|A0A0A8WG26
 26121 HLA-C|C0KJZ8 MMP17|F5H846
 26122 CNTFR|P26992 METTL6|H7C1L4
 26123 CNN1|P51911 PHKG2|H3BTI9
 26124 MPZL1|Q9UEL6 PRKACB|B2RB89
 26125 BMP3|D7NTP6 ART4|C3W8I0
 26126 FBX042|Q6P3S6 ECSIT|Q9BQ95
 26127 TDP1|Q32Q25 CYTB|C7B3D1
 26128 DKFZp686A06204|Q5HYA2 CRTAC1|A0A0C4DFP6
 26129 HLA-B|K7WPE6 NAP1L3|Q99457
 26130 STMN1|Q96CE4 HLA-C|H9C8X8
 26131 DDX3X|O00571 SKI|Q7Z459
 26132 HLA-DPB1|A0A0A7C8R6 GRB10|Q13322
 26133 feat|C4B4C6 ITGB2|A0A024DBG3
 26134 ATP6|W8D9J2 LONP1|K7EJE8
 26135 TP53|A0A087WZU8 TMEM19|Q96HH6
 26136 GCH1|P30793 RETN|Q9HD89
 26137 NME4|F2Z2X0 OR5R1|Q8NH85
 26138 HLA-B|J7F577 L3MBTL1|A0A0C4DG70
 26139 HLA-C|G1ENW6 OXSM|Q9NWU1
 26140 EID2B|Q96D98 EXO5|X6RK18
 26141 HLA-A|D6ML07 MAP2K1|A4QPA9
 26142 EXO5|X6RCL8 ATP6|Q4ZEI5
 26143 RABL6|F2Z2T0 P2RX7|K4K1I8
 26144 WDR72|Q3MJ13 SLC27A5|Q9Y2P5
 26145 NUP62|M0QX64 EXO1|Q9UQ84
 26146 TMIGD2|Q96BF3 ANK3|H0Y3A4
 26147 CLDN7|O95471 VANG1|Q8TAA9
 26148 NEDD4L|A0A024R2A4 BOP1|B4DEN9
 26149 PITX3|A0A0B5HBE9 BC02|E9PS89
 26150 TDP1|G3V5F9 UGT1A5|Q5DSZ9
 26151 SPINK1|P00995 HLA-C|I2G9F8
 26152 PRAMEF11|O60813 BMPER|Q8N8U9
 26153 NADH5|B9EES5 SHC3|Q92529
 26154 HLA-A|I3UI52 ncx1|Q6LAJ8
 26155 ATP6|Q6VHA0 HLA-C|V5NQD2
 26156 KIF21A|H0YHG9 CYTB|G9LKP6
 26157 MGAT4A|Q9UM21 MMP15|A0A024R6U8
 26158 RHD|A0A0A1CJ9 ATP6|H9QA54
 26159 ABCA2|H0Y8D6 HLA-A|E0YTI1
 26160 EIF3I|Q13347 GNA12|C9J2Y7
 26161 GPR32|O75388 SULF1|E9PS14
 26162 HLA-C|F6KRW5 CYTB|A0A023QA97
 26163 ALPL|A0A024RAG0 RSPH4A|Q5TD94
 26164 MYL5|D6RB15 PGM3|O95394
 26165 HLA-C|E0WBV9 PTGIR|P43119
 26166 HCR|A9XA76 SUCLG1|P53597
 26167 HLA-A|D6MJ91 WT1|A8MN20
 26168 CYTB|D6N6S8 GDI2|Q6IAT1
 26169 DSCR3|O14972 NUP62CL|H0Y6X7
 26170 FCHSD2|O94868 MYC|B3CJ86
 26171 RTF1|Q92541 MLL3|Q75MN6
 26172 ZBED8|Q8IZ13 HLA-C|A0A0A7C507
 26173 ADCY4|G3V258 CPD|O75976
 26174 HBG2|A1EGU3 MCCC1|Q96RQ3
 26175 PLCXD1|C9JP92 HLA-C|V5NQE0
 26176 PRDM2|Q13029 APOA1|F8W696
 26177 HLA-C|G1EQ83 ZSCAN31|C9J6S7
 26178 HLA-DPB1|A0A0A7C8X3 CYFIP2|Q96F07
 26179 LIPI|Q6XZB0 HLA-DPB1|A0A0A7C9L8
 26180 MSX1|E9KXV2 BLOC1S2|Q6QNY1

26181 CNTNAP2|X5D7C2 SELK|Q9Y6D0
 26182 ZSCAN10|I3L0Q3 AKIP1|E9PPN7
 26183 HLA-B|W8SW77 PRRX1|P54821
 26184 POC1A|Q8NBT0 KIF9|Q6PJI1
 26185 RNF114|A0A096LP02 HLA-A|A0A0A7C820
 26186 MYOM2|P54296 PHLDA1|Q8WV24
 26187 SLC25A36|F6SDC8 BBS1|E9PMB7
 26188 DST|Q6P0N6 THOP1|K7EL32
 26189 PROC|Q8J006 RNF31|H0YNK5
 26190 TIAL1|A6NKZ9 ACTB|G5E9R0
 26191 ASPA|I3L4M0 PARK2|A0A087WX46
 26192 HLA-DQB1|V5N0U9 PCDHGA5|Q9Y5G8
 26193 GALT|D0EM86 OGG1|H7BZM3
 26194 HEYL|Q9NQ87 CYTB|H9S4X7
 26195 RTN4IP1|G3V1R2 TESPA1|E9PIN8
 26196 NIN|H7C162 GRM8|O00222
 26197 TBX20|C1INI1 ABCG2|A0A024RDD4
 26198 TNFRSF13C|Q96RJ3 DKFZp7620213|Q69YN9
 26199 ZNF275|A6NFS0 ZNF91|M0QX31
 26200 FUT2|Q10981 TPP2|P29144
 26201 cytb|Q4G9L5 RNPS1|H3BV80
 26202 SLC9A9|Q8IVB4 HLA-A|F2VNI6
 26203 GALNT16|Q68VJ8 GPR3|P46089
 26204 SEC22C|Q9BRL7 PALM2|C9JA33
 26205 ND4|Q9B188 FCAR|P24071
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 26207 RPH3A|A0A024RBK6 FREP1|Q4L233
 26208 KCND2|Q75LS7 ND2|B2KLI5
 26209 UGT1A7|Q5K674 GABRA4|X5DP75
 26210 cytb|Q4GM46 TBC1D3D|A0A087WVF3
 26211 TP53|L0EQ89 MAZ|H3BQS2
 26212 SLC28A2|Q2M2A7 NTM|Q9P121
 26213 ATXN2L|Q8WWM7 POLI|X6R2I3
 26214 HLA-C|E7BYC8 ATPase|Q4GM79
 26215 ATP6|A0A059VCQ6 ZNF331|Q71QC8
 26216 B4GALT4|C9J3R8 PPIA|C9J5S7
 26217 COX3|H6WIB9 ATP6|H9RCN4
 26218 CYTB|A0S9T8 ZNF256|Q9Y2P7
 26219 C9orf32|A0A024R8E4 ZNF487|B1APH4
 26220 HLA-C|N0A2S9 ITIH3|Q06033
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 26222 NADH6|B9ECT7 KCNIP3|Q9Y2W7
 26223 ZNF559|A0A0A0MTT2 COX1|H9SVK6
 26224 TLR4|K9MT91 HLA-C|C9E1H8
 26225 MSX1|E9KXV5 BDKRB1|G3V4Y2
 26226 NOC3L|Q8WTT2 ATP6|A0A023QD05
 26227 ZNF689|Q96CS4 CHCHD3|A4D1N4
 26228 ND2|A0A096Y8Q7 ABL1|P00519
 26229 ND3|A0A059QDN8 SULF1|A0A024R809
 26230 UROD|P06132 ND1|U3LD19
 26231 CYTB|D1G3Z1 ASH1L|H0YI82
 26232 SDCBP2|Q9H190 TMED10|G3V2K7
 26233 GLRA1|P23415 HLA-A|V9N2X1
 26234 PHCA|A0A024R5J3 CCR5|A0A089H947
 26235 ASAH1|B1B5R8 GPR27|Q9NS67
 26236 CSAD|C9JTU8 HLA-DRB1|O78044
 26237 ALDH2|S4R3S4 FAM109B|Q6ICB4
 26238 ABCB6|U3THN0 ACVRL1|P37023
 26239 RAB11A|A0A024R5Z8 OLFM2|O95897
 26240 ACAP3|Q96P50 IRGQ|B7ZMD6
 26241 INTS9|Q9NV88 AgRP|C6SUN5
 26242 LIPC|P11150 PPP1CC|F8VYE8
 26243 HLA-C|U5YC18 HLA-A|F2VNH2
 26244 PKD2L1|Q1L4F0 ENOSF1|J3QSB6
 26245 EIF2S1|P05198 CAD|Q53SY7
 26246 CCSAP|Q6IQ19 FGFR3|A8E633
 26247 IRAK4|Q7Z6A8 ATG4A|A0A0A0MT61
 26248 HLA-A|C9E9Y0 U2SURP|H0Y8D9

26249 PRCP|E9PNJ1 KRT14|P02533
 26250 CYP1A1|A4F4K4 RBM47|D6RBS9
 26251 HSD11B1|A0A0A0MQV1 DNM2|Q9UPH5
 26252 SLC25A4|V9GYG0 SYNGR3|O43761
 26253 ADSL|X5DP48 MTAP|J3QSB7
 26254 ZBTB44|H7BY22 XPO7|H0YBE1
 26255 C19orf68|Q86XI8 RHCE|E7EQ47
 26256 SULT1C4|Q6PD90 KNS2|Q7RTQ0
 26257 RHOQ|E5RFZ3 CEP290|F8W0V9
 26258 HLA-DRB1|A0N0W0 CYTB|G5D7Y1
 26259 HLA-A|E0YTI5 ANGPTL2|Q9UKU9
 26260 EML2|K7EKU5 SERBP1|D3DQ70
 26261 DKFZp686N19168|Q6MZJ2 AID|Q8NFB9
 26262 ND5|A0A096VYN4 ACSS2|Q9NR19
 26263 ARFGEF1|A0A024R7X0 F8|Q003V0
 26264 C2orf88|C9JS57 FAN1|H3BUK3
 26265 ZNF790|E9PQ03 NUA1|A0A024RBL3
 26266 ABCD4|A0A024R6C6 RASIP1|Q8IUR2
 26267 L1CAM|P32004 ND5|B2D3J4
 26268 HLA-B|E5DCN6 DDX5|J3KRZ1
 26269 HLA-C|K7P5L2 MDM2|A0A0A8KA17
 26270 GORASP1|Q9BQQ3 ND1|B1NUN0
 26271 GSA|Q14455 DLST|P36957
 26272 DAZ4|E7EU38 KLC4|Q9NSK0
 26273 SLC44A3|Q8N4M1 HLA-A|D0RB02
 26274 RSRC1|Q96IZ7 STIM2|Q9P246
 26275 SPSB3|Q96LS6 DCC|J3QLB0
 26276 CFTR|Q6KEH9 ST6GALNAC5|F2Z2C8
 26277 SLC35A1|Q6A0F2 ALK|D1MAM1
 26278 SC02|O43819 COX3|B2XEN1
 26279 TOM1L2|Q6ZVM7 ND4|H9QH13
 26280 SF3A2|Q15428 PDCD1|Q15116
 26281 CAMTA2|I3L3V0 PRKAB2|O43741
 26282 SMYD3|Q9H7B4 ADAM28|H0YBG8
 26283 UTX|B7ZKN5 IFNA8|P32881
 26284 RPS9|P46781 RDH14|Q53RX3
 26285 RAMP3|O60896 METTL3|F5H6D8
 26286 HLA-C|D6ML76 RICS|Q86UT2
 26287 HJURP|Q8NCD3 DIP2B|Q96IB4
 26288 NEK9|Q8TD19 AngA|Q5YWL1
 26289 HLA-C|E3SGB1 TLR-4|D0EWT9
 26290 ND2|A0A059QQ15 FRK|P42685
 26291 C8orf74|Q6P047 NIN|A0A0B4J215
 26292 HLA-C|F4YZV6 WNT3A|P56704
 26293 ND4|A0A059RYR9 PDK4|Q16654
 26294 HLA-DPB1|A0A0A7C6G8 GATB|H0Y9F2
 26295 JAKMIP2|Q96AA8 hCG_1993905|A0A024QZB4
 26296 OXA1L|Q15070 PAEP|F2Z349
 26297 FOXP1|Q9H334 SCN5A|S5NU80
 26298 ATP1A1|Q5TC01 CSRP2|Q16527
 26299 APOE|J9ZVQ3 GHRHR|Q02643
 26300 IFIT2|Q8IZ03 TGFB1|M0R2S0
 26301 SP7|Q8TDD2 HLA-B|F8R175
 26302 HLA-C|V5NVZ3 BRCA2|Q9BX99
 26303 MET|P08581 ND5|H9SFG0
 26304 KIF5A|J3KNA1 TSACC|Q96A04
 26305 HLA-DQB1|A0A0A7C6T3 NADH6|Q4GLZ5
 26306 ACPL2|Q8TE99 RNF149|F8WCD0
 26307 ARPC2|Q53R19 SLC14A1|J7FHA1
 26308 WFDC2|Q14508 DTX2|C9JEH4
 26309 LRFN3|Q9BTN0 COX2|G9LG51
 26310 ZNF207|J3QRS9 HLA-C|G1EQB8
 26311 RIOK3|I6L994 FES|C9J3W6
 26312 RABEP2|B4DHR0 COX2|E9P659
 26313 SLC37A3|H7C5E7 MTRR|D6RAZ2
 26314 F8|P00451 hCG_27697|A0A024RAR1
 26315 PUSL1|Q8N0Z8 ZNF589|B4DQF9
 26316 ZNF521|H7BYU6 HLA-E|Q9TNU7

26317 HLA-C|F6IQK8 COX2|A0A059QTW9
 26318 HDAC3|E7ESJ6 NT5DC3|Q86UY8
 26319 NAT2|A9X854 TACR3|P29371
 26320 PDE8A|Q86XV4 CYTB|A1E1L5
 26321 LIMS2|A0A024RAH1 HLA-A|F6KRN6
 26322 GNAI2|F8WE78 ND6|J7LLQ9
 26323 ODZ2|G3CAS8 PGK1|P00558
 26324 COX2|F1CIN6 F8|A0A2G3
 26325 hCG_30749|A0A024RDT2 SERINC2|D3DPN6
 26326 ASTL|Q6HA08 SS18|A0A024RC40
 26327 PCOLCE2|Q9UKZ9 DSC2|Q02487
 26328 CDK12|J3QSD7 SFRS3|B2R6F3
 26329 ENTPD4|Q8NE73 TMEM14C|Q9P0S9
 26330 LIME1|A0A087WUJ1 CYTB|G9LKS2
 26331 COX3|K7DVY4 HDM2|Q86WA4
 26332 CHD9|Q3L8U1 ACVRL1|E7EN07
 26333 ACER3|E9PIN9 DLX2|Q07687
 26334 INTS7|D3DT96 ZFP14|K7EM99
 26335 UTY|F4MHR2 RHAG|Q9UK69
 26336 MYH7|Q14905 SMC4|E9PD53
 26337 SNCA|Q4W5L2 GNRHR2|Q96P88
 26338 SULT1C2|H7C420 ABCA8|K7ELK9
 26339 MRE11A|P49959 PRPF31|Q2EKB9
 26340 ATP6|W8D5L5 NOX3|Q9HBY0
 26341 C17orf66|A2RTY3 ZDHHC23|Q8IYP9
 26342 TSSK3|Q96PN8 USP33|H0YD08
 26343 MUT|A0A0B4U8R5 VASH1|Q7L8A9
 26344 HBB|B2M1S6 CD300C|Q08708
 26345 DGKB|B5MCD5 MAGEB6|Q8N7X4
 26346 MR1|Q95460 TRAP1|I3L0K7
 26347 TWIST1|H7C4D7 ZFX|Q9BYX9
 26348 TRPV3|Q2M3L1 UGCGL2|Q6NVZ4
 26349 ATP6|A0S2V8 ATXN3|D3VVJ0
 26350 TSLP|Q969D9 ADSL|A0A096LPA2
 26351 KATNA1|B7ZBC8 WARS|G3V2F2
 26352 HLA-B|B5M202 PAGE1|O75459
 26353 GFAP|K7ELP4 HLA-C|K7P5M2
 26354 RARS2|Q5T160 PHB|A8K401
 26355 SEC14L1|A0A024R8V1 BST1|Q10588
 26356 C2CD4C|Q8TF44 CTNNA1|G3XAM7
 26357 RHD|Q9UPC8 DKFZp434G2126|Q8ND66
 26358 SLFN11|K7ES87 HLA-G|O78132
 26359 CYP2D6|D5KN64 NRG1|Q96IB3
 26360 ND5|F2WJ65 RPL39L|Q96EH5
 26361 JTV1|A0A024QZY1 MOG|Q16653
 26362 OR5AR1|B9EIN0 cytb|B1W6T3
 26363 SF3A2|Q05DF2 TPRKB|Q9Y3C4
 26364 CYTB|G5D7W8 APEX1|Q5TZP7
 26365 DPPA4|Q7L190 GRIK5|Q16478
 26366 ETV3|P41162 EIF4A1|J3KS25
 26367 MST130|Q7Z2R8 TGIF2-C20orf24|A0A0A6YYL0
 26368 SLAIN2|Q9P270 PPIG|Q6P432
 26369 PSPH|A0A024RDL9 RPUSD1|H3BSG4
 26370 MAST4|J3QT34 GJA8|A0A097IWA1
 26371 ST8SIA3|O43173 SLC35B1|D6RG34
 26372 SLIRP|H0YJU7 MC1R|V9QAW3
 26373 RHEBL1|Q8TAI7 KLHL31|Q9H511
 26374 FGFBP2|Q9BYJ0 ZNF729|A6NN14
 26375 SMPD1|E9LUE9 SLC25A1|B4DP62
 26376 EWSR1|Q01844 HLA-DPB1|A0A0A7C8U2
 26377 GABRD|O14764 GPATCH4|E9PAV9
 26378 FKBP9|O95302 SH3PXD2B|H0YAU1
 26379 OR51B2|Q9Y5P1 ELP3|Q9H9T3
 26380 MFSD4|B7Z2V5 TXNL4B|H3BUL8
 26381 MXI1|P50539 SLC17A1|Q96KL7
 26382 INPP5J|Q15735 TMEM91|H0YG43
 26383 UBE3B|B9EK57 hCG_16873|A0A024R4X4
 26384 ND6|G9LF58 DPEP2|J3KSU4

26385 HLA-C|V5L611 ND5|A7IZ50
 26386 WWP1|Q9H0M0 FTL|Q6DMM8
 26387 SMIM2|Q9BVW6 ZFP62|D6R9C0
 26388 TMSB4X|Q0P5N8 HLA-B|M4WAC2
 26389 CFI|D6R9Z8 CABLES2|Q9BTV7
 26390 SLC12A9|C9JMQ7 B3GNT6|E9PJ79
 26391 PIG59|A8YXX4 HLA-Cw|B1A0K3
 26392 KCNC2|A0A024RBA5 ATP6|W8D8V4
 26393 HLA-A|V5LET0 HLA-C|D7NP14
 26394 PGPEP1|M0R3H3 COX2|Q06TE6
 26395 COX1|A1DTC8 HLA-C|R4L8Y9
 26396 MALT1|Q9UDY8 ZNF483|Q8TF39
 26397 CDH18|H0YAK3 HLA-B|A0A0A7C4F3
 26398 H3F3B|K7EMV3 SLC26A1|Q9H2B4
 26399 SAP130|H7BXF5 CSF2RA|F2Z3C9
 26400 TYK2|A0A024R7E4 HLA-DPB1|A0A0A7C9P1
 26401 MTHFD1L|Q6UB35 SORCS3|Q17R88
 26402 CNGA3|Q16281 AYTL2|D3DTC2
 26403 KCTD13|Q8WZ19 HNRPLL|D6W592
 26404 CREB1|E7EWP8 PRSS16|H0Y8B9
 26405 C1orf216|Q8TAB5 KRT40|B7ZM39
 26406 WDR70|Q9NW82 CLN8|Q9UBY8
 26407 ND1|V9K5S5 MBD3|A0A087WZ12
 26408 CHRNA1|P02708 HLA-DQA1|Q67AI1
 26409 ATP8A1|H0YAA1 ACOX2|C9JY29
 26410 COX1|A0S183 LCK|P06239
 26411 ATP6|A0A096YAI4 ROCK2|E9PF63
 26412 TUBB3|G3V2R8 FCGR2A|P12318
 26413 CYTB|X5BS38 GJC3|Q8NFK1
 26414 FAM58A|Q8N1B3 MAPRE1|Q15691
 26415 FASLG|Q0VHD7 RBKS|Q9H477
 26416 HNRNPA1|P09651 HLA-Cw|B6V6K3
 26417 FOXF1|Q12946 COX1|Q4F260
 26418 TMBIM6|F8VSI7 PODXL|O00592
 26419 IPO11|F8WDV0 SF3A3|Q12874
 26420 RPRM|Q9NS64 FAM72A|Q5TYM5
 26421 HSU53209|Q549U1 ATP8|B8X5B2
 26422 SOD1|X5CN18 MPC2|Q5R3B4
 26423 PISD|Q9UG56 HLA-A|K7P559
 26424 C21orf66|Q8N6E6 CYTB|A0A097QAP2
 26425 ADAMTS10|A0A0A0MQW6 TDG|Q3SX60
 26426 HLA-DQB1|Q30005 HEL-S-86p|V9HW52
 26427 FGFR2|D3DRE0 SEPT3|A8K1X2
 26428 CPSF7|F5H669 CTNS|O60931
 26429 SAA1|P0DJ18 GMPR|P36959
 26430 TNNT3|Q6P670 HLA-C|F4YU97
 26431 MECP2|D6QZ43 SMAD7|O15105
 26432 SLC2A5|K7EJR1 CRYAA|P02489
 26433 RNF41|F8VSP7 STAR|H0YB94
 26434 ITGB4|P16144 HLA-B|J7HH07
 26435 MRGPRX3|E9PPY5 HLA-B|U5IS92
 26436 HLA-Dw12|Q29971 RHD|B0B3T3
 26437 Si-11-6|D2KTB3 ARNT2|X5DRE4
 26438 TMED6|Q8WW62 LOC221143|A0A024RDN3
 26439 HBA2|Q86YQ5 SSFA2|P28290
 26440 LIMK1|Q75MU4 LGALS2|Q6PIT8
 26441 hCG_2043421|D3DSV0 NFE2L2|C9J3K4
 26442 PSTPIP1|B4E1Z9 FAM134C|K7EMF4
 26443 HLA-A|A0JHM7 GOLGB1|Q14789
 26444 ND6|Q7GWZ6 HLA-C|F8TIA0
 26445 SLC5A4|C7EWH7 PIK3C2B|Q5SW98
 26446 HLA-C|G1EQL2 HLA-Cw|D3Y5Z7
 26447 ZNF785|A8K8V0 cox2|X2D537
 26448 ATF2|B8ZZU6 CYTB|V9J6G3
 26449 ALDH1A1|Q5SYQ8 GNS|A0A024RBC5
 26450 LTN1|G1UI34 REXO1|Q8N1G1
 26451 RASAL3|M0QX12 HLA-A|A7E1C1
 26452 FOLR4|A6ND01 TNP2|Q4VB56

26453	CREBBP B5A227	FBX027 Q8NI29
26454	HDAC7 J3KPH8	ATP6 Q9B2U2
26455	HNRNPLL Q8WVV9	SYVN1 H0YCR6
26456	COX1 A0S1I7	COX3 A0A075X6R4
26457	OR11G2 Q8NGC1	APOL1 A0A024R1Q4
26458	MARK3 H0YIY6	TMEM51 Q9BSA0
26459	PYGM P11217	UTY F4MH79
26460	MCM2 H0Y8E6	RAB3GAP1 D3DP75
26461	COX3 V9JBV1	GTF2H1 E9PM51
26462	GALM H7C320	RHCE K0A0T9
26463	CORO1C Q9ULV4	SERPINB8 P50452
26464	WHRN A0A0C4DFN4	ATP6 L7YL59
26465	CYTB H9SRH3	HLA-A D7NNM2
26466	LRRC6 Q86X45	HLA-C Q30203
26467	DUX4 Q9UBX2	TNFAIP3 D3TTY8
26468	DNAJB1 M0QYT3	XPNPEP1 Q5T6H2
26469	ADGB Q8N7X0	MECP2 D9ZNA4
26470	RASSF5 Q8WWW0	HLA-Cw B5AFW8
26471	CYP26A1 A0A096LNN2	PRKACB B1APG1
26472	ZNF382 C9JME7	MLK4 Q5TCX8
26473	TTBK1 Q5TCY1	USP42 Q9H9J4
26474	ND5 Q7YCD7	ALKBH1 H0YJF3
26475	CDH23 A0A0A0MQS6	C12orf50 Q8NA57
26476	GALNT12 Q8IXK2	ND5 H9P8K4
26477	DENR F8VVL1	HLA-B D3U3L5
26478	KIF9 E7EUW8	TUBB6 K7ERA8
26479	ARHGEF2 D3DVA5	COX1 A0A059RI82
26480	ACVR1 C9JHJ7	ND5 G9LMC9
26481	TNFAIP6 P98066	SDAD1 Q9NVU7
26482	HLA-C M9PAF5	ATP6 A0A076MLZ1
26483	ND5 G5D831	ANKRD5 Q8TCA8
26484	DAPK3 M0QYY8	MGC13138 A0A024QZB2
26485	ATP6 J7HTA3	WFDC3 F2Z2G5
26486	PAH Q8TEY0	NCOA3 Q0IIN7
26487	CD163L1 D3DUT9	NIPAL3 H0Y4I9
26488	NAPSA O96009	CSPG2 A0A024RAP3
26489	TP53 L0ESQ5	FXYD7 P58549
26490	ATP6 B2XM45	CLCN4 Q4G0X3
26491	TRIT1 S4R2Z0	ND2 C8Y0I5
26492	HLA-C M9P9X1	TCEB3B Q8IYF1
26493	ANGPT2 E7EVQ3	ND5 E9L8H9
26494	GLRA3 O75311	PICALM E9PI56
26495	HLA-C F1CCK0	COX1 A0A059RXH5
26496	PLEKHG3 G3V278	TPSAB1 A0A0C4DGM1
26497	MRAP2 Q96G30	HAUS1 Q96CS2
26498	OTX2 A0A0A7NV78	HECTD3 Q5T447
26499	ATPIF1 Q9UII2	CHD6 Q8TD26
26500	PSEN1 G3V4P4	ILKAP3 F8SNU7
26501	NPBWR1 P48145	ATP8 E1B2Y7
26502	ATP6 H9NTE5	HLA-DQB1 F8LFZ6
26503	ADM P35318	TMED1 K7EIN4
26504	HLA-A F6IQY6	CTSG P08311
26505	CCDC88A Q86YH1	CYTB C7SDW7
26506	LOXHD1 F5GXP0	LHX4 Q969G2
26507	TGS1 Q96RS0	SRSF3 A0A087X2D0
26508	MDM2 A0A0A8KB78	RAPGEFL1 F5GYJ3
26509	EIF4G1 C9JF13	SYT17 Q9BSW7
26510	HLA-B G9HW36	RYR1 P21817
26511	CYTB A0A023QAS9	HLA-C F6KRW8
26512	TFPI P10646	STAT2 R9QDY7
26513	MTMR9 Q96QG7	HLA-C E3SGB4
26514	RNASE8 H2FJY5	NPM2 Q86SE8
26515	MLPH A0A024R4D3	MLLT10 H0Y5C4
26516	TATDN3 E9PRA1	NCOR2 C9JQE8
26517	SPICE1 H7C5N4	ADORA2A S4R2Z8
26518	CYTB Q4VFF9	NUDT21 O43809
26519	TAS2R30 P59541	OR6M1 Q8NGM8
26520	SMAD4 K7ENG8	MB21D1 Q8N884

26521 FASTKD3|D6RAR6 ATG3|Q9NT62
 26522 IL4R|P24394 PTPRO|H0YH60
 26523 UBE3C|Q15386 DGCR6L|Q9BY27
 26524 TBC1D7|A0A024QZX0 LGALS4|M0R349
 26525 SPEM1|Q8N4L4 HLA-C|E2D5S6
 26526 CYTB|K7WIJ2 ODZ2|G3CAS7
 26527 COII|C5H6M8 ADI1|Q9BV57
 26528 COX1|A0A023Q5F4 FPRL1|A0A024R4P3
 26529 HLA-A|D7GN24 ACTN4|K7EJH8
 26530 NCR3LG1|Q68D85 CAPN14|A8MX76
 26531 STAT5A|Q8WWS9 ESRRA|F5H0E9
 26532 TMTC3|Q6ZXV5 HLA-DRB1|A0A0A7CA45
 26533 INMT-FAM188B|F8WBC2 UBE2E2|A0A024R2Q2
 26534 GOLGA2|Q08379 RRB1|Q9P2E9
 26535 COX2|G5D863 PHF23|Q9BUL5
 26536 ANO7|Q6IWH7 RET/PTC2|Q15300
 26537 Nb1a10300|Q3LIC8 ZNF710|H0YLZ7
 26538 RCBT81|Q8NDN9 DYNC1I1|Q8IY52
 26539 USP54|X6RHN7 PCMTD2|V9GYL1
 26540 ZNF300|A0A0A0MS50 HLA-DRB1|R4QGJ7
 26541 ZSCAN29|H3BMU4 HLA-C|F4YU78
 26542 CYTB|Q4F061 HLA-B|E7CZN2
 26543 ND6|Q4EWR6 PTPN3|P26045
 26544 TKT|A0A0B4J1R6 CSNK1G1|Q9HCP0
 26545 DTNB|Q53SF9 ATP6|Q0VXH8
 26546 HLA-B|F4NBU4 COX3|B2XFT2
 26547 TMEM199|Q8N511 MRPL10|Q7Z7H8
 26548 HLA-DQB1|A0A0A7C8F3 PTS|E9PKY8
 26549 KLC2|A8MX29 FBXL19|H3BQP6
 26550 FOXE3|A0A0B5INT4 METAP2|G3V1U3
 26551 ATAD5|A0A075B754 MAP4K5|G3V4T8
 26552 RHCE|Q2MCP2 FYB|D6RAE8
 26553 ANAPC11|J3QS46 HOMER1|Q86YM7
 26554 PARG|Q86W56 C16orf62|Q7Z3J2
 26555 TCP1|E7EQR6 MFN1|Q8IWA4
 26556 SMAD7|O15105 ATP6|E5E003
 26557 SLC35A2|A6NGW4 ERBB4|Q15303
 26558 PACSIN1|F6U236 CDC40|Q5SRN1
 26559 L-Myc|A0A0A0N0L0 CYP2D6|D5KNB5
 26560 ABCA1|B1AMI2 METAP2|F8VQZ7
 26561 KCNQ5|F8WEA4 HLA-B|A0A0B7MGC9
 26562 SETD2|Q9BYW2 NFIB|Q5VW27
 26563 PCSK6|H0Y3Q0 NAP1L1|P55209
 26564 HEL-S-91n|V9HW09 RFPL2|Q6NSX6
 26565 CMTM7|A0A024R2L3 CKAP4|Q07065
 26566 COX1|A0A059S7V7 COX1|L7XWV6
 26567 WISP2|O76076 HLA-C|A0A0A7C979
 26568 ATP6|A0S2R9 TGIF1|F8W1J9
 26569 GPR3|F1DAM5 EFCAB10|J3KR52
 26570 USP30|A0A024RBM3 CCNE2|Q8WUE3
 26571 ICAM2|D3DU30 HMGA2/WIF1|B2KX87
 26572 NAA30|B4DK34 ND6|H9QNZ6
 26573 NINJ1|Q92982 HLA-DQB1|V5JA07
 26574 COX7C|P15954 HLA-C|C1KBJ9
 26575 HLA-B|W0HIS9 SLX4IP|Q5VYV7
 26576 HLA-A|U5YEC2 HHATL|C9JKQ1
 26577 CYTB|T1STS8 TINF2|Q9BSI4
 26578 BET1L|Q9NYM9 LOC150763|D3DXG8
 26579 TNFRSF8|A5D8T4 HEXDC|K7EIV9
 26580 ND1|A4ZYI1 BTN2A1|Q7KYR7
 26581 MSX1|E9KXV3 CPLX2|D6RDN3
 26582 FUT1|T1WH77 CXorf40A|Q8TE69
 26583 PPP1R2|E7EUI7 GCSAM|C9JY41
 26584 ZDHHC17|Q8IUH5 ATP1B2|I3L1V9
 26585 HLA-C|F2VNS7 RORA|A0A0C4DG53
 26586 HLA-C|E0YTN9 TROAP|Q12815
 26587 PRDM10|E9PLV1 RFC2|B5BUD2
 26588 HLA-DQB1|S6CQS3 GOSR1|Q9BZZ3

26589 ZNF347|M0QZE2 FZD8|Q9H461
 26590 DDX42|A0A0A0MSJ0 ND1|R9YB54
 26591 ARHGEF9|B1AMR4 COX1|A6YTK8
 26592 GBA3|A0A087WWR5 RGPD8|O14715
 26593 UGT2B4|P06133 UTY|F4MHJ7
 26594 OR1Q1|B9EIK1 KIF23|H0YKQ5
 26595 ATXN3|D3VVS1 CPLX1|O14810
 26596 TREH|O43280 CYTB|A1E1L5
 26597 AUTS2|Q8WXX7 KRTAP4-5|Q9BYR2
 26598 MPST|Q2VEU0 MED18|Q9BUE0
 26599 GCNT7|A0A087WZE6 ZNF205|C9JEY6
 26600 ACADS|E5KSD5 DKFZp686M19106|Q5H9P4
 26601 CDKL3|Q8IVW4 CDC42EP4|Q9H3Q1
 26602 PHKG2|A0A024QZE8 CDYL|Q9Y232
 26603 POLD2|F8W8R3 MAPK9|E5RJ57
 26604 CELF2|O95319 LYPD2|Q6UXB3
 26605 TRPM1|A0A0A0MTQ9 MGAT5B|H3BQ65
 26606 SYTL2|E9PS29 NAPEPLD|Q6IQ20
 26607 RHD|A6PZ61 IGFBP3|A6XND1
 26608 COI1|Q4GQP0 ND2|A0A097PZC4
 26609 ZNF174|I3L2H2 MRPS27|Q92552
 26610 GCM2|O75603 SLC7A13|Q8TCU3
 26611 BCCIP|Q9P287 CINP|A0A024R6M9
 26612 AKAP6|D3DS91 F13A1|H0Y4W5
 26613 ZNF93|K7ES58 NABP2|C9JMP5
 26614 NDUFA3|O95167 tec|Q14219
 26615 MST1R|H2E272 PTPRN|Q96IA0
 26616 HLA-DRB1|D7RII0 HLA-DRB1|A7X5I8
 26617 KIF1Bbeta|Q4R9M8 COX2|Q0Z7J0
 26618 DUSP14|Q6FI36 SYNE1|A0A087WYJ5
 26619 GAS2L3|G3V1N3 HLA-C|W0NUA7
 26620 COL4A6|B2RTX6 DDHD2|E9PK57
 26621 C16orf80|Q9Y6A4 NDUFB8|O95169
 26622 fgf|Q6LBM3 TRMT1|K7ERR5
 26623 ZNF326|Q5BKZ1 HEL-205|V9HVZ1
 26624 pp6318|Q8WYU7 AGAP2|Q99490
 26625 CYTB|A6Z1U8 DKFZp667N107|Q69YJ6
 26626 RNASE4|P34096 MEGF11|A6BM72
 26627 AKAP9|A0A087WX84 KLK3|P07288
 26628 NFIB|O00712 NRP1|Q5T7F0
 26629 PEX1|H7BZH3 SARAF|H0YBH7
 26630 MDM2|A0A0A8KA06 TMEM68|E5RGT2
 26631 DYRK2|Q92630 ND5|A0A075X6P1
 26632 TPST2|B1AHJ6 GSTM1|H3BRM6
 26633 TRAPPC3|O43617 DKFZp434I0735|Q659E7
 26634 TMEM140|Q9NV12 ATP6|E5QCD4
 26635 HLA-C|K7P5N3 KAT6A|Q92794
 26636 AZI1|B2RN10 CYTB|K9R4C6
 26637 OPN4|C9JWU6 PITX2|Q99697
 26638 RAB6B|C9JB90 ADORA2A|C9JFS2
 26639 EIF4G2|H0YCF8 ND5|Q4EZT3
 26640 ND5|V9JJF5 P2RX4|B7Z4R5
 26641 MCPH1|Q6RAS6 MBD1n|Q53RZ9
 26642 GPX4|A0A087WT12 ND5|X5BWF0
 26643 HLA-B|B9VU14 IDO1|J3KN03
 26644 PTRH2|J3KQ48 NCALD|E5RI95
 26645 RNF34|A0A087WTM5 CCAR1|F5H3E1
 26646 TSPAN14|Q8NG11 MYCBP2|H7C3U4
 26647 ND2|A0A059QKI7 GPSM3|Q9Y4H4
 26648 COX1|T1Q7E3 AMY2B|C9J2Z5
 26649 LRRK1|A6H8V9 NR1I3|C0H5Y2
 26650 HIBCH|Q6NVY1 CYR61|Q6FI18
 26651 GNAO1|H3BN82 ND1|I3WRL6
 26652 TEAD4|H0YGS2 ATP6|R9Y5X7
 26653 CYTB|E9K9H1 RELA|Q2TAM5
 26654 CFI|D6R9Z8 SRSF1|J3KSW7
 26655 ZNF773|M0QX16 RUNX1|X5CT71
 26656 SEPT2|C9JZI2 ND1|Q9B2U3

26657 ATP6|A0A068BUM1 HLA-Cw|Q27I59
 26658 AP3B2|F5GWU4 HLA-A|M9PA41
 26659 PHOSPHO2|C9JZQ7 NECAP1|Q8NC96
 26660 PIM3|Q6P2J9 ATP6|G9IFE8
 26661 PLA2G12B|Q9BX93 TTLL4|A0A024R424
 26662 MYC|A0A0B4J1R1 HLA-A|D5FIF3
 26663 NADK|J3KTI3 ITGB7|F8W186
 26664 ND4|A0A059QM57 HLA-C|E0WBQ8
 26665 JARID2|Q92833 COX1|Q0Z7V8
 26666 POLR1A|B7ZKR9 HPSE2|A0A0A0MSB9
 26667 ND5|Q7Y823 NPM1|A4ZU86
 26668 CYTB|A0A059RXV5 ZNF566|B4DRR6
 26669 HLA-C|A0A0A7C965 NAT10|Q05CW7
 26670 DCDC1|M0R2J8 CST6|Q6IBD2
 26671 CYTB|A8JMK3 SLC14A1|K7EJ54
 26672 FUZ|Q9BT04 PDE7B|Q4LE81
 26673 PLP1|P60201 ND4|B3GRN7
 26674 INF2|A0A0A0MQU1 HEL-S-109|V9HW75
 26675 CARTPT|Q16568 MOC52|O96007
 26676 BRIP1|A0A024QZ45 UTY|F4MH43
 26677 AMBP|P02760 PLA2|Q96RW9
 26678 DKFZp434K213|Q659F1 DRAM2|Q6UX65
 26679 MAOA|Q5ULA3 ND4|A4ZMK1
 26680 IL5RA|C9J6C4 FLG|I0B0K8
 26681 ND5|B3VEC2 EXOSC9|D6RIY6
 26682 METTL17|G3V4H5 SLC25A10|I3L1E8
 26683 USP45|H0Y8J5 POLR2J2|Q86UW4
 26684 ZNF169|Q14928 ARHGAP19|Q14CB8
 26685 HLA-A|G9FTK2 SLC43A1|A0A024R4Y3
 26686 COX2|A0A059RNV8 KCNK12|Q9HB15
 26687 ND5|A6Z901 RPL21|M0R3I5
 26688 CCR2|A0A024R2Q0 GSN|A0A0A0MT01
 26689 AGAP4|Q96P64 TEF|H0Y797
 26690 ALDOB|A0A024R145 LDLR|A0A024R7D5
 26691 MC2R|R4GMM0 RPS6KA2|D6R910
 26692 TGOIN2|O43493 AMN|Q9BXJ7
 26693 PRTFDC1|Q9NRG1 SENP8|H3BTK5
 26694 FAM192A|Q9GZU8 HNRNPH2|P55795
 26695 PUS7L|F8VZA0 ND2|Q6VIF8
 26696 HLA-C|D5M8B5 NUP35|Q8NFH5
 26697 ESX1|A6ZIU7 TEAD4|Q15561
 26698 CYTB|H9M5J3 KLHL8|Q9P2G9
 26699 SSX5|Q5JQ63 TMEM248|Q9NWD8
 26700 GLIS3|Q1PHJ1 RABEP2|B4DHR0
 26701 SCARB1|Q8WTV0 TNFAIP3|A0A087X1N1
 26702 ARL4C|P56559 ND4|G9LMZ9
 26703 HLA-C|D3G9I9 CLVS2|Q5SYC1
 26704 PAH|Q66RJ7 PARP6|Q0VDG0
 26705 CAMK1D|A0A087WUR6 ATP6|A0A097PY54
 26706 FAM73A|B7ZLZ8 PDHA1|Q5JPU1
 26707 FOXK2|Q01167 UBE3B|F5H5T5
 26708 LPL|E7EW14 CYTB|D0UTS9
 26709 SLC4A2|Q9UEY4 HLA-C|G1EMV0
 26710 CDC16|A0A024RDZ2 MGC42105|A0A024R049
 26711 factor|F2RM35 MEFV|F8W6Z2
 26712 HLA-A|G5CJS3 NDFIP2|A0A0C4DGW0
 26713 DQB1*0603|Q30088 IST1|H3BMU1
 26714 YWHAH|A0A024R1K7 GOLGA3|A0A087WV43
 26715 ND5|B4YCP0 HLA-A|Q38MU2
 26716 ND5|H9A8F9 MYO16|F8W883
 26717 ND5|E5DY19 OGG1|E5KPN0
 26718 C5orf42|Q9H799 SCAMP2|H3BN93
 26719 ERBB2|J3QLU9 HLA-A|A0A0A7C6V5
 26720 SGK3|E5RHR8 ELA2B|Q6ISP9
 26721 COX1|A0A059RJA5 MMP17|Q5U5M0
 26722 HLA-C|I6TN23 HLA-C|K7P505
 26723 EIF3A|Q6P1R0 SNTB2|J3KT21
 26724 MYLK3|Q32MK0 ND2|W8DEH1

26725 OR12D3|Q9UGF7 NRAS|Q5U091
 26726 ZNF42|A0A024R4T5 PTPRE|P23469
 26727 SLM01|Q96N28 KCNJ5|P48544
 26728 TNPO2|Q05D48 NGFRAP1|Q00994
 26729 PROS1|Q1W147 HOXA10|P31260
 26730 TRIM33|Q9UPN9 PCMT1|H7BY58
 26731 ChAT|Q6LEN5 HECTD1|H0YJV8
 26732 BRD1|A0A024R4V5 LY9|Q9HBG7
 26733 NFYC|H0Y803 CMPK|B2R6S5
 26734 HLA-A|A0A0A7C8E0 GH1|B1A4G6
 26735 MEF2B|B3KQ23 GPX2|H0YJK8
 26736 CACNA1A|Q9UN69 HLA-DQB1|F8LFY0
 26737 PNPLA4|C9IZF6 ND4|D6R6Z6
 26738 NAT9|Q9BTE0 YARS2|H0YHS6
 26739 DCN|F8VU58 MYT1L|H7BYU4
 26740 PFKFB3|Q9BQU2 PDXP|A0A024R1I3
 26741 ESR1|B5TZ82 NDUFS8|E9PPW7
 26742 HSP90B1|F8W026 ACSS3|Q9H6R3
 26743 NAA40|F2YHM7 VARS|P26640
 26744 TENC1|A7E2A6 HLA-C|E1U661
 26745 ND1|H9SEW8 MET|C9JKM5
 26746 GLP2R|Q4VAT2 ISG20|A0A024RC76
 26747 HLA-A|S5U3G8 MDM4|A0A024R990
 26748 ND1|A1E1U4 RAA1|W0UV28
 26749 AMT|H0Y695 KCNV1|Q76FP2
 26750 BARD1|Q99728 SLC26A5|Q496J1
 26751 GPS1|J3KTB0 ACYP2|E9PF46
 26752 COX1|A0A059QDY7 PDE1C|A0A024RA78
 26753 RAVR2|Q9HCJ3 G6PD|Q2VF42
 26754 DKFZp434K0835|Q8ND87 COCH|G3V5G6
 26755 EVPLL|A8MZ36 ZKSCAN2|Q63HK3
 26756 CLDN7|K7EL87 SMAD4|K7ENG8
 26757 KCNK2|C9JDK1 CYLD|A0A024R6T1
 26758 SYT8|H0Y3G9 SMARCC1|Q05BW5
 26759 CYTB|H9QF27 CTD1P1|A0A0A0MR03
 26760 SSNA1|O43805 SIGIRR|E9PLG6
 26761 coxIII|T2HLG2 ZNF273|Q96HL5
 26762 CARD17|Q5XLA6 C4A|P0C0L4
 26763 PCSK1|P29120 ARHGAP20|Q9P2F6
 26764 FGF22|Q9HCT0 CD3E|P07766
 26765 SEC16B|Q96JE7 TMOD4|Q5JR82
 26766 LHX5|Q9H2C1 HLA-A|C7C695
 26767 NCOA7|Q8NI08 SCG2|P13521
 26768 HLA-C|D7NP70 C9|A0A024R035
 26769 COX1|A0A059QPM1 SEMA4F|O95754
 26770 ADGRB3|S4R307 ND2|A0A059QGX8
 26771 RASA4|Q2NL74 KIF21A|A0A024R0V9
 26772 SLC25A22|Q9H936 L1TD1|Q5T7N2
 26773 RHD|A0A068J745 HLA-C|K9L7R8
 26774 MAPK10|H0Y9H3 CYTB|A0A0A0PLC7
 26775 MAPRE2|Q15555 HLA-C|G3D6E2
 26776 ATP6|H9NZ34 NAV3|Q8IVL0
 26777 ND5|A0A097Q025 PZP|P20742
 26778 MRPS18B|Q9Y676 ADAM17|Q53RS1
 26779 PRDM13|Q9H4Q3 ATP6|V9JTU3
 26780 ATXN7|O15265 ZNF90|F8WBQ5
 26781 BAG5|G3V274 HLA-B|D3U4B1
 26782 CYTB|G9LJF4 HDC|H0YLF0
 26783 SSBP1|C9K0U8 SLC25A14|O95258
 26784 ING2|Q9H160 BCL2L1|Q9H1R6
 26785 ORAI2|Q96SN7 KLHL9|Q9P2J3
 26786 RPL17|A0A087WWH0 ESR1|B5TZ80
 26787 ND5|H6TWG9 ZSCAN12|O43309
 26788 SSBP1|B7Z268 ATP6|C9D5C7
 26789 CYTB|D2ST33 RABL2B|Q9UNT1
 26790 ACOT1|A1L172 CES1|P23141
 26791 HLA-C|K9L8F4 OSBPL10|H7C487
 26792 UTP14C|Q5TAP6 CYTB|A4UVG7

26793 CYP21A2|C7DTX9 KATNA1|A8K7S5
 26794 CAP1|D3DPU2 HLA-B|A0A060VG64
 26795 IRF8|H3BT31 ND5|C8YDI1
 26796 BCS1L|C9J1S9 RPS6KA3|B1AXG2
 26797 ZNF720|E9PMU6 DHFR|B4DM58
 26798 ZNF213|O14771 hic-1|O95459
 26799 MYD88|A0A0A0MST0 DKFZp686N04132|Q68CY0
 26800 PCCB|E9PDR0 ZNF778|A0PJ55
 26801 HLA-A|A9YQ94 MATN4|A2RRP8
 26802 POU2F1|P14859 CYTB|X5BH36
 26803 ND1|B6V2F8 RBM47|B7Z8Z7
 26804 PRPS2|D3YTJ7 HLA-A|B3V8R1
 26805 ZNF510|Q9Y2H8 GRHPR|Q9UBQ7
 26806 CAMTA2|I3L3W6 ARHGEF4|Q53TH6
 26807 DNAH8|H0Y7V4 ND1|Q6RR93
 26808 SLC1A3|A0A024R050 PLK2|A0A024QZV1
 26809 EMR2|Q7Z618 HLA-A|D5FIG3
 26810 ND2|C8YGV5 ND2|B2XJF7
 26811 AP1S1|A0A024QYT6 ZNF506|F5H490
 26812 PGAM1|Q6P6D7 DVL2|O14641
 26813 MOB1A|Q9H8S9 ZNHIT1|O43257
 26814 IL6R|H0Y949 DNASE2|O00115
 26815 CYTB|A0A023I993 CDKL2|J3KNE8
 26816 ALS2CR11|Q53TS8 SLC6A16|M0R2R5
 26817 BBS10|A0A077QPL9 TTC5|Q8N0Z6
 26818 NPAS2|A2I2P5 KRT16|P08779
 26819 NPEPL1|H0UI76 HLA-B|C9WCX9
 26820 SYNE1|F5H4Q0 PPP2R5B|E9PNY3
 26821 BRINP3|Q76B58 FNTA|D3DSY9
 26822 AF10|O60697 ANXA4|P09525
 26823 PAX5|E7ERK2 ZIC4|C9JD04
 26824 HLA-C|C0KJV2 STX1A|Q75ME0
 26825 NAT2|A4Z6T9 MYO1A|Q9UBC5
 26826 KIAA1737|B3KU75 RPA1|I3L2M5
 26827 CASK|B7ZKY2 CYTB|Q4EWK0
 26828 COMP|G3XAP6 HLA-DRB1|A7UHF9
 26829 RNASEH2A|O75792 COX2|Q5SB08
 26830 STX10|Q5U8S2 COI|U3M9Q7
 26831 HLA-A|F8RHD0 ANXA11|H0Y6E1
 26832 AKAP8|Q8NE02 ENO3|D3DTL4
 26833 PLK4|J3KR82 AAK1|D6W5G0
 26834 TMEM14A|Q9Y6G1 YWHAZ|H0YB80
 26835 RHD|Q9H248 EIF4E3|C9J7Z6
 26836 CEBPA|P49715 DYNAP|Q8N1N2
 26837 ABCC3|Q86VN9 UTY|F4MHE0
 26838 TES|H7BYK1 HLA-B|F4NBP0
 26839 CYTB|A0A059R2T6 CD4|F5H480
 26840 ESF1|Q9H501 FAM112B|A0A024RB57
 26841 HLA-B|Q4QZ17 HLA-B|A1DZU0
 26842 ZNF347|A0A024R4L7 HLA-B|D3U3L5
 26843 MYO5B|Q9ULV0 SPAG16|Q8N0X2
 26844 MSH5|A0A024RCV8 MIGA2|H7C474
 26845 MOGS|C9J8D4 MYH7B|Q5JW45
 26846 UTY|F4MHH1 MAP1A|Q7Z5F9
 26847 ESR1|C8CJL5 HLA-C|F6IQK7
 26848 HLA-C|W0NUA7 PTGIR|M0QZI2
 26849 UTY|F4MHD1 ARCN1|B0YIW6
 26850 SLC12A8|C9IZN2 HLA-C|A0A0A7C573
 26851 ZNF224|Q9NZL3 HLA-DRB1|D5FIE2
 26852 HLA-B|Q5NTB0 MAGI3|Q5TCQ9
 26853 COX1|R9Y438 OR2T1|O43869
 26854 PPP1R14A|A0A0B4J2A3 ATF6B|Q6AZW6
 26855 EIF3L|B0QY90 FGF8|A1A515
 26856 TOMM40L|Q9H9G4 NIN|R4GN85
 26857 OSGIN1|Q9UJX0 ATP6|Q2HL94
 26858 HCR|Q0EFB6 HLA-A|F6IQY4
 26859 HLA-C|U3RD11 ND2|A1E1P3
 26860 PPP4R1|Q8TF05 NBEAL2|Q6ZNJ1

26861 ITGA1|P56199 SNRPN|X5DP00
26862 CA8|P35219 DKFZp434E0321|Q9UF98
26863 ATP2A2|J3QSY6 CYTB|Q4F2Z9
26864 ZNF148|Q8IWK7 SLC2A8|A0A024R871
26865 HLA-A|F2XI30 HLA-C|M9PA25
26866 ND2|F2WFE3 SETD3|Q6NXR6
26867 MAP10|Q9P2G4 PLSR2|Q9NRY7
26868 MT3|A0A024R6R7 C11orf83|Q6UW78
26869 CYP51A1|A0A0C4DFL7 ND5|G9LLB5
26870 AK9|J3KP89 HLA-A|D6ML37
26871 GOLGA8DP|Q0D2H9 EIF6|P56537
26872 MSL3|C9JKR8 HLA-C|J9PVD1
26873 SERPINB12|Q96P63 HLA-A|M9PAA4
26874 CREBBP|B5A232 OTOS|Q8NHW6
26875 CELF4|Q9BZC1 SPINT2|Q6LEU8
26876 ABAT|X5D2Y3 RPL31|C9JU56
26877 PCDH20|Q8N6Y1 RAD51AP1|Q96B01
26878 HLA-G|O19684 YARS|P54577
26879 AGXT|P21549 HLA-A|G1ENE6
26880 HLA-C|Q7YQ61 ZNF44|F8W7T7
26881 KCNE1|Q6FHJ6 STAM|A6NMU3
26882 TFAP2A|C9J6N8 MFN1|Q8IWA4
26883 ZNF823|P16415 ECSCR|Q19T08
26884 SUV39H2|Q9H5I1 MSX1|E9KXT0
26885 TUBGCP5|A0A087WVL9 SCN5A|Q86V90
26886 HBB|Q6VFQ5 HLA-A|D7NNT9
26887 DKFZp313C0640|Q658P7 KIAA0028|Q9BQR0
26888 ZSCAN32|B4DR24 HLA-A|D5FHF9
26889 KRT36|O76013 MORF4L1|H0YMT8
26890 HLA-A|B5ATU6 USF1|H0YD59
26891 DPP10|J3KPP1 ND5|E5E148
26892 SPATA25|Q9BR10 COX1|Q2HL32
26893 COX3|A0A059RSR4 HEL-S-30|V9HWB8
26894 CHP1|H0YLY7 CSTF2T|Q9H0L4
26895 USP15|F8VZG8 OR51V1|Q9H2C8
26896 HLA-C|A0A0A7C6W3 DDX11|Q96FC9
26897 RPS6KA2|D6R910 ZMYM5|Q9UJ78
26898 PTGES3|Q15185 UCHL1|D6R956
26899 MFSD2A|Q8NA29 OR2B2|Q9GZK3
26900 ENPP2|E5RIA2 LYZ|A0A0B4J259
26901 NFKBID|Q8NI38 HLA-C|D3U461
26902 ZNF804A|Q7Z570 HLA-C|V5NVW6
26903 CYTB|A0A0A0PY71 NOD1|G3XAL1
26904 CKB|H0YJK0 HLA-C|I2GUK3
26905 HLA-C|A0A0A7C6G2 SPTLC2|A0A024R6H1
26906 SLC6A18|Q9BYZ7 SYT2|Q8N9I0
26907 HLA-B|A0A0A7C4R0 FBX030|Q8TB52
26908 CFTR|Q19Q54 ND5|L7NV51
26909 SPPL3|F5H7J2 ND3|G5D8J7
26910 RPS8|Q5JR94 NAP1L4|E9PP22
26911 GJA1|P17302 CXCL13|O43927
26912 TERF1|A0A024R7X1 AP5B1|Q2VPB7
26913 DLG5|Q8TDM6 UBA2|U3KQ55
26914 ZNF3|C9JE35 ND4L|C4PKX4
26915 SLC26A6|C9JKR6 PSMB5|H0YJM8
26916 CYP2D6|D5KN61 ATP6|K9M3B9
26917 CDK4|P11802 NIPAL1|H0Y8W0
26918 PRMT2|H7C2H9 ZBTB10|A8E4L4
26919 RSPH4A|Q5TD94 PFKFB2|F6XNB3
26920 ATP6|Q5S9J9 CFL1|G3V1A4
26921 ND6|L7S6N1 LTBR|P36941
26922 FGFBP2|Q9BYJ0 CELF1|F5H0D8
26923 HLA-DQA1|Q5Y7G1 COI|M9Z2G2
26924 CLPX|O76031 NETO2|Q8NC67
26925 RBM10|Q6PKH5 AQP1|B4F4P6
26926 EZH1|K7EK26 AZIN1|U3KQI8
26927 GRPR|X5D7H2 TMX3|H3BPB3
26928 ST6GALNAC4|A8K7N4 HLA-B|G0ZDU7

26929 HAUS4|Q9H6D7 GLTSCR2|Q9NZM5
 26930 HLA-A|M9PAB3 EGFR|I3WA73
 26931 ND3|A0A059RKZ7 ATP5J|A8MUH2
 26932 NUDT4|A0A024RBD0 ZNF682|B9EG95
 26933 NOB1|Q9ULX3 DNAJB1|M0QYT3
 26934 CACNB1|Q6TME4 PBX3|A0A024R864
 26935 PITX2|D6RBG8 NBR1|Q3LRK1
 26936 CCR5|Q9UN27 FAM153C|Q494X1
 26937 KLK13|Q9UKR3 LDHC|F5H245
 26938 GAD2|Q5VZ29 CPVL|C9J6L4
 26939 ADA|F5GYD4 ARFGAP2|E9PM63
 26940 ARL5A|Q9Y689 U2SURP|H0Y8D9
 26941 HLA-A|D3U442 SIGIRR|Q6IA17
 26942 IRX4|P78413 TRIM27|P14373
 26943 FGF2|A0A087WUF6 CDY2A|Q9Y6F7
 26944 HTR3A|B3VRG5 EXOC3|H0Y995
 26945 COX1|B2XLI5 CDK10|F8W872
 26946 GGT1|O75693 COI|U3M9T5
 26947 SLC5A6|E7EW41 DKFZp434L0435|Q9UFH6
 26948 NXF3|Q9H4D5 MEIS2|B3KP81
 26949 EPG5|K7ENS1 BBS2|J3QKP7
 26950 TCF7|E5RG75 PSAPL1|Q6NUJ1
 26951 CYTB|A6ZF82 CYTB|H9RNN6
 26952 KRTHB6|Q6YFL2 RPS24|E7ETK0
 26953 ND4L|A0A059QUX8 HLA-A|A0A0A7C4I4
 26954 NRBP1|Q9UHY1 HLA-C|M9PAG2
 26955 WNT9B|E7EPC3 TDP1|Q32Q25
 26956 COQ7|I3L1T0 LNX1|Q8TBB1
 26957 SLC39A10|A0A024R3W5 ND4|A0A096YC52
 26958 CDH10|X5D8X5 MTA3|Q9BTC8
 26959 ATP6|A0A068C3D5 CYTB|A0SCZ3
 26960 COMMD3|Q9UBI1 DNAJB1|M0R080
 26961 PAK1|H0YCG5 SLC22A18|A0A024RCG2
 26962 CHR11SYT|Q9BQS1 PRKCH|G3V4X4
 26963 HLA-A|O19558 KIF2C|Q99661
 26964 ATP6|H9RZ95 ND6|H9SBJ6
 26965 TCP1|F5GZI8 TEX15|Q9BXT5
 26966 PSG4|Q00888 PBX1|A0A0A0MTI0
 26967 ARHGEF4|Q53TH6 CLVS1|E5RK22
 26968 MINK1|I3L203 CADM4|Q8NFZ8
 26969 BRF1|Q3SYD8 ZNF608|Q9ULD9
 26970 PEG3|B9EG68 UGCGL2|Q05D90
 26971 MSL2|C9J5S2 CHRND|B4DKT6
 26972 CYTB|A0A0A0PYN4 WDR76|Q9H967
 26973 EFHB|Q8N7U6 ANKRD7|Q92527
 26974 ND2|Q7YCF2 PRKAA2|K9J973
 26975 ELM02|H0YCM7 HLA-C|A0A0A7C9Q4
 26976 ETF1|B7Z7P8 LTF|P02788
 26977 HMG20A|Q9NP66 HLA-B|R4N0R6
 26978 ZNF444|K7EK55 FASTKD3|D6RAR6
 26979 HLA-B|D5FZL4 GTF2E1|E9PER7
 26980 FGF23|Q9GZV9 TIAF1|O95411
 26981 DKFZp686J08252|Q63HJ8 CYTB|J7HRQ6
 26982 TCF12|Q99081 BTN2A1|Q7KYR7
 26983 ND3|A0A023QSC6 TM7SF2|E9PLS9
 26984 OR13C2|Q8NGS9 HLA-B|U6BN44
 26985 ARHGDIG|C9J3B5 SLC25A33|Q9BSK2
 26986 PTGFR|F2Z2Z6 TOM1|V9GZ68
 26987 ND1|Q5Q607 TP53|L0EQT1
 26988 UGT1A9|Q330M4 CBFb|A0A024R6X2
 26989 SLC02B1|O94956 SFPQ|P23246
 26990 AID|Q8NFB5 PLA2G6|O60733
 26991 ND2|G9LET1 ATP6|A6YUS7
 26992 SRY|A7WPV0 B3GALNT1|R4X5Z0
 26993 PDE4C|O43849 hCG_16695|B3KVM3
 26994 PRUNE2|Q8WUY3 TBXAS1|E7EP75
 26995 HLA-C|C5IZY3 HLA-A|D9UB05
 26996 PCDH15|A0A087X1T6 INTS7|A0A087X0F3

26997 ZKSCAN1|B3KRF7 ND2|A8WEK0
 26998 NPY5R|Q15761 PER2|O15055
 26999 GCNT6|Q5T4J0 R3HCC1|H0YBU3
 27000 HLA-A|D6MKZ6 CNTFR|A0A0A0N0N2
 27001 MAFK|A8WFP5 AR|A0A087X1B6
 27002 HLA-C|M9PA30 IL12B|A0A0C5PP83
 27003 SEPT2|C9JB25 CAPS|K7ES72
 27004 RASGEF1B|Q8N437 ZNF534|Q1T7F6
 27005 CAMKK2|Q96RR4 MX2|P20592
 27006 TOP1|B9EG90 RAP1GAP|A0A0A0MQY8
 27007 HLA-A|E0YTG4 HLA-DRB5|A0A024F8S6
 27008 ART4|Q93070 HLA-A|F2X5Y0
 27009 RARRES1|P49788 WSB1|A0A024QZ36
 27010 IDE|P14735 RALB|C9JQB3
 27011 G6PD|E7EM57 ACPL2|Q8TE99
 27012 ASMTL|O95671 HLA-A|F6KRL4
 27013 MYB|Q708E6 ND1|J7HQ31
 27014 RUNX1T1|W8FP57 SPATA20|H0Y9M1
 27015 HLA-A|F8R8H3 CYTB|E2FPN9
 27016 CSK|B5BU52 TAF9|D6RGK3
 27017 CYTB|D8L461 HLA-C|C6K4M5
 27018 FAM13A|D6RFM4 SOD2|A0A0C4DFU2
 27019 COX1|A0A023Q3L7 MAP2|H7BZB9
 27020 HLA-B|Q9GIM1 C1orf124|A0A024R3U2
 27021 CYTB|L7SDN4 HMOX1|B1AHA8
 27022 ND4L|A0A059RWX8 SLC25A11|Q02978
 27023 ITGA2B|P08514 OR13F1|B9EIM5
 27024 DKFZp686M2226|Q68D58 LHX4|Q5RLJ1
 27025 HYOU1|J3QL06 WFD2C|A8K2M3
 27026 ACYP2|E9PF46 NR2A1|F1D8S2
 27027 MAST4|J3QT34 WLS|E9PJW4
 27028 ND4|E0Y551 CDK14|C9IYJ9
 27029 RNF17|Q9BXT8 COX7A1|P24310
 27030 ABAT|H3BRT1 UNQ1887|A0A024RBP7
 27031 DDX48|A0A024R8W0 EMR3|Q0IJ53
 27032 WNT2B|Q5TEH8 ND5|B7TNG1
 27033 HLA-C|M9PA28 NADH4|B9ECU8
 27034 PTPRR|Q569H9 ATP6|I6MDZ8
 27035 TTLL10|Q6ZVT0 SLC12A5|M4PV58
 27036 PRPH2|P23942 SLC46A2|S4R3Y2
 27037 PPP2R3B|Q9Y5P8 HLA-B|D3U3L5
 27038 PIGG|D6RFE8 ND4|A0A059RHV6
 27039 OR2J1|Q9GZK6 CYTB|T1Q6H3
 27040 C16orf45|A0A024QZI8 VIM|P08670
 27041 AQP2|F8W0S2 CES3|A0A0C4DFY7
 27042 NEU1|Q99519 ORC5|O43913
 27043 OR1L1|Q8NH94 SMPD4|C9J647
 27044 ND2|Q7GN52 CYP4A11|V9GZ77
 27045 ND4|G9LGA9 IMPA1|E5RGY4
 27046 TGFBR1|F8VRH6 PRKAB1|A0A024RBN1
 27047 HLA-C|W8YSA8 PAPD7|Q5XG87
 27048 PRRG1|Q8NEK6 ND2|M4QID2
 27049 TLR9|Q9NR96 ARPC1B|C9JTT6
 27050 ENTPD7|Q9NQZ7 ND3|A6YXV4
 27051 PPP1R13L|K7EN03 AGAP6|A0A087X0I8
 27052 TMEM120B|A0PK00 ZNF671|Q8TAW3
 27053 ZNF42|A0A024R4T5 PRIM1|F8VNY2
 27054 CYTB|B4YC62 ACSM1|Q08AH1
 27055 DDHD1|Q8NEL9 ERBB2|J3QLU9
 27056 HLA-C|D7NPC0 HLA-C|A2BCX5
 27057 NRP2|X5D7M1 ZFP90|J3QKQ8
 27058 EXT2|Q93063 APBB1IP|Q7Z5R6
 27059 MATR3|H0Y8T4 RUNX1T1|E7ESA9
 27060 CD180|Q99467 COX3|H9NYP2
 27061 CDH26|B9EG96 GPT2|Q8TD30
 27062 AHRR|G3V143 COX2|B2XL43
 27063 HLA-C|E0YTP2 RAD9B|B4DX60
 27064 COX1|A0A068BX39 SEPT2|C9JT15

27065	KEL Q0KH91	H0XB6 P17509
27066	MAPK11 F8WDP4	HJURP C9JWC4
27067	CYTB H9MIE1	CCL28 D6RC73
27068	PDRG1 Q9NUG6	SYNE2 A0A0C4DGK3
27069	RHD K4RNY0	MYO19 A0A087WVV4
27070	ND5 A4ZLA1	TOR1B O14657
27071	PBX4 H0YL59	EPHA6 E7EU71
27072	MPI P34949	IP011 D6RCN7
27073	ANK1 H0YBS0	FGF13 A8K1P5
27074	UGT1A3 A9UKC8	ATP10D Q9P241
27075	ANKRD6 Q9Y2G4	FGD4 F8VWL3
27076	AK9 E9PPM3	ND5 L7XD10
27077	COX1 A0A059QI24	FLJ00379 Q8NF23
27078	SPTBN1 F8W6C1	SUCLG1 P53597
27079	HLA-C D7NP33	SARNP P82979
27080	ND6 Q6RRP1	MSX1 E9KXY4
27081	SIRT2 A0A0A0MRF5	SRSF2 J3KP15
27082	ND4 V9N9T2	ND3 A0A059RSZ8
27083	TRIO A0A087X139	RHCE A0A078BQE0
27084	MPPED2 Q15777	TAOK3 F5H5E0
27085	CLEC1A Q8NC01	ZSWIM3 Q96MP5
27086	KCNMA1 S4R2X4	HLA-C A0A0A7C850
27087	CEP192 C9JT09	SYT17 H3BSU5
27088	FADS3 E9PKP8	HLA-DPB1 A0A0A7C9G4
27089	PILRB Q9UKJ0	RNPEP A0A087WUS4
27090	HLA-A Q9TQ84	PRSS54 H3BQS7
27091	PC A0A024R5C5	NSA2 O95478
27092	ORMDL2 Q53FV1	OR10AG1 Q8NH19
27093	COX1 H9NQR9	HLA-DPB1 A0A0A7C8J8
27094	FHIT A0A0A0MRB0	N4BP1 O75113
27095	TPK1 Q75MX1	ZNF276 H3BPT7
27096	MLH1 P40692	WDR82 Q6UXN9
27097	PPP4R1 J3KRU1	ZNF333 M0R113
27098	UBA2 K7ES38	PDE4C Q08493
27099	ZFS-1 O43693	FDPS A0A087WVN4
27100	ND5 Q06UH9	RAPSN Q13702
27101	OPRM1 O43185	ZBTB7A O95365
27102	ARHH Q6ICP4	ST6GALNAC4 A0A024R881
27103	RFWD2 Q05CT6	CYTB X5BEG4
27104	DKFZp761E2216 Q9H3X2	TLL1 E9PD25
27105	TLR1 D1CS43	UBXN7 O94888
27106	TGFB1 Q7Z487	ND3 S5SA55
27107	SSH3 A0A024R5J4	CADPS2 X5D7B2
27108	ABCA2 Q9BZC7	ND4L A0A059RKC5
27109	GPR141 Q7Z602	ATP6 A0A059QJ47
27110	HNRNPR O43390	KIDINS220 Q9ULH0
27111	GPRC5A F5GWG3	NDUFS7 F5H5N1
27112	SNX10 Q75MD2	ACVRL1 F8W0N2
27113	ZNF717 C9JVC3	RAB8B H0YL94
27114	CDH1 H3BNC6	ND1 H9MQG2
27115	CCT2 P78371	AMIGO2 A0A024R127
27116	RBM24 H0YA61	BIN1 A0A024RAF1
27117	SOX9 U5XK50	ALPK3 Q96L96
27118	SLC4A1AP Q9BWU0	RHD Q6A1H1
27119	SLC1A2 A2A2U1	DKFZp686D0880 Q6N0B1
27120	CENPM Q9NSP4	CCAR2 E5RHJ4
27121	HLA-C E0X9M0	HLA-B D9ZNA7
27122	USP3 H0YKU8	LMTK2 Q8IWU2
27123	GPI K7EIL4	LPIN1 Q14693
27124	ABHD12B Q7Z5M8	ISCU F5H5N2
27125	ASGR1 P07306	RNPC1 H0UI71
27126	HLA-C G9I2N8	ND1 A6ZHR8
27127	PCSK6 A0A087X025	PIWIL1 Q96J94
27128	PPARG E9PFV2	CYTB I3Q3Y4
27129	CTBS Q01459	PRDM4 A0A024RBM7
27130	CHAT D3DX95	FUOM A2VDF0
27131	HLA-C D3U3Q6	TMX3 Q3B7X1
27132	ADAMTS8 Q9UP79	GRIP1 Q9Y3R0

27133 HLA-A|G1EP55 C9orf78|Q9NZ63
 27134 TIAL1|Q01085 AGPAT2|A0A024R8I7
 27135 ELL2|D6RC27 CTNNA3|V9GYW4
 27136 COG5|U3KQU7 ND2|V9JGI4
 27137 FPRL1|A0A024R4P3 ZNF714|A0A087X1X4
 27138 ATPase|Q4GDK0 ABCB4|A7J1S4
 27139 SRSF11|Q5T760 TRAF3IP2|O43734
 27140 ND3|G3EBM7 DHTKD1|H7C149
 27141 COX1|L7XGI1 PTD004|Q53SQ6
 27142 ND4L|Q4VFB8 ZNF565|K7EL42
 27143 COX1|L7XRG2 ADAM19|E5RIS2
 27144 DHPS|M0R264 PARP10|E9PPU2
 27145 CRAT|A6PVN3 TLR2|D2JYJ4
 27146 VAMP2|J3QRU4 ALYREF|Q86V81
 27147 ND5|B2CB44 PHCA|A0A024R5J3
 27148 STX1A|Q16623 GSTM1|X5DNN9
 27149 TH|Q7KZ36 cytb|Q4GPT2
 27150 NPAS3|X5D988 GEN1|E9PLG0
 27151 RAGE|Q49A77 GPR64|Q8IZP9
 27152 AEBP2|F5GZR7 C8B|P07358
 27153 GABRG3|H0YJP1 HLA-C|U5YC93
 27154 HLA-A|A0A0A7C7F4 TRIM59|C9J614
 27155 SPOCK3|Q9BQ16 NCALD|E5RIG4
 27156 HTR3A|B3VRJ5 ACSBG1|H0YNX0
 27157 CHRN2|P17787 EXTL2|C9IYF5
 27158 THADA|Q6YHU6 RBPJ|D6RBQ8
 27159 LGALS8|B3F166 HAAO|C9IY88
 27160 UTY|F4MH94 PLTP|B3KUE5
 27161 LOC92270|A0A024RAQ7 GADD45G|O95257
 27162 RGS9BP|Q6ZS82 COX3|H9NV96
 27163 CAP2|B7Z385 AKT2|M0R0P9
 27164 UGT1A4|B8K2F4 STIM2|Q9P246
 27165 GIGYF2|Q6Y7W6 GPR32|O75388
 27166 GABRB3|X5DQY4 ADH1A|P07327
 27167 GPR31|O00270 MLH3|Q9UHC1
 27168 TULP2|O00295 RFW2D|H0Y340
 27169 HLA-B|D3U495 FPGT|H0YDF0
 27170 ND2|H9S739 TNP1|P09430
 27171 RHD|D2CYW8 PLA2|Q96RW9
 27172 APP|L7XCZ9 TAOK3|H0YF68
 27173 HAMP|P81172 MYO9A|B2RTY4
 27174 NPBWR2|P48146 LACE1|H7C448
 27175 COX1|G9LIE3 CYTB|V5L7Y3
 27176 MEGF6|H7C557 PTCHD2|Q9P2K9
 27177 DHRSX|Q8N5I4 ATP6|Q4VFF2
 27178 OR2V2|Q96R30 HEL107|V9HWD9
 27179 HFE|Q86WL1 BCAP29|F8WB99
 27180 SFMBT1|Q9UHJ3 CREBBP|B5A235
 27181 CYB5R4|Q7L1T6 GPR56|A0A024R6U7
 27182 COX3|H9Q2D8 HLA-C|U5YFY9
 27183 COX3|A0A023R2W4 CADPS2|X5D8W6
 27184 MYO1D|O94832 KLC1|F8W6L3
 27185 RGP2D|P0DJ1 C2orf83|Q53S99
 27186 ATPAF2|C9J2Q2 SCN5A|A3EY19
 27187 HLA-DPA1|D9YLZ6 TTLL11|Q6ZUZ3
 27188 HLA-C|K7P5S6 MATK|F1T0G6
 27189 POLR2F|U3KQ58 HLA-B|G1ENI6
 27190 SIDT2|G3V172 OSCAR|Q8IYS5
 27191 NEK5|E9PIX7 ZNF707|E9PHZ0
 27192 HLA-C|A0A0A7C4W7 ATP6|C9D5T3
 27193 ND5|E5DYP0 MUPCDH|Q58EZ6
 27194 ANXA7|P20073 APC|A5JUM8
 27195 ND1|E7E459 COI|U3M9R0
 27196 DKFZp686C2469|Q7Z3U6 HLA-B|F6KS45
 27197 SRSF7|Q16629 HLA-C|G1ENM8
 27198 TOP3B|O95985 SPAM1|C9J2X5
 27199 ND2|J9V0I5 HLA-A|F8R105
 27200 COX2|H9PWQ9 TAS1R3|Q7RTX0

27201 SYNRG|Q9UMZ2 SSR3|C9J365
 27202 RAD18|F8WFA6 PRMT7|H3BTY1
 27203 ND4|A0A075X8B5 HLA-C|C9WEV1
 27204 LASS3|A0A024RC91 PSPC1|Q8WXF1
 27205 SRGAP2C|P0DJJ0 DHRS7|Q9Y394
 27206 PKD1L2|Q7Z442 COX3|A6ZB50
 27207 FABP5|I6L8B7 ARNT2|X5D7T2
 27208 COX2|A0A0B5E697 COX1|Q9B2U7
 27209 EPAS1|C9J9N2 ND5|B2ZHA4
 27210 UGT1A10|Q9HAW8 PRPF3|O43395
 27211 ND4|A6ZHN9 RIOK1|Q9BRS2
 27212 BSCL2|H7BYY0 ZNF155|K7ENV6
 27213 HS1BP3|F6TR53 TLR6|D1CS96
 27214 ZDHHC13|Q8IUH4 RDM1|B4DZ74
 27215 NELL1|J3KNC5 ND5|G9LB01
 27216 UTY|F4MHS5 RELA|Q96CP1
 27217 ND5|A4GYN5 IKKBK|A1L159
 27218 HBB|Q6VFQ6 DKFZp547B0914|Q8NDT8
 27219 ND2|Q4F4F4 LDHC|F5H245
 27220 BAT1|Q7KYK3 BCAS2|O75934
 27221 TBL3|A0JLS5 BMPR1B|D6RGW8
 27222 HLA-A|D7NPA2 BTBD17|A6NE02
 27223 MGC4618|D3DVN5 HLA-B|O19644
 27224 RBM25|E9PSE8 ND5|U3LC53
 27225 HUT11|R9S1V0 HLA-C|M9P9J8
 27226 HSD11B1|X5D2L1 RNF32|A0A024RD87
 27227 FAM134C|K7EJ34 MOB3B|Q86TA1
 27228 SNAI2|O43623 GJB2|V5Q007
 27229 RASSF4|V9GYK1 RPLP0|F8VQY6
 27230 HLA-C|D6MJJ2 ADAM11|H7BY08
 27231 MHC-G|Q9MW45 DCC|J3QLT8
 27232 CCNG1|E7ERZ1 SYNJ1|C9JW66
 27233 EFCAB8|A0A096LNH2 OCM|P0CE72
 27234 FLJ30596|A0A024R048 ATP8|E2DFE6
 27235 SOCS6|O14544 CCNC|Q7Z4L3
 27236 VEGFA|A0A087WTP4 ETV1|C9J4P4
 27237 MTA1|A0A024R6P5 MSX1|E9KXW5
 27238 SELL|A0A024R8Z0 ZNF525|E7EUL5
 27239 LILRA6|Q6PI73 ABCD4|H0YJL8
 27240 PITPNA|I3L471 TRIM59|C9IY67
 27241 PENK|E5RFR1 CYTB|Q5XT51
 27242 CXCL8|C9J4T6 ZSCAN2|F5H4P1
 27243 HLA-C|I6NXL9 SRRM2|Q9UQ35
 27244 TAC4|D6RAS6 PRCC|Q92733
 27245 INTS2|Q9H0H0 ZNF616|M0R0C2
 27246 MMP14|P50281 KRT3|P12035
 27247 SOD2|P04179 POLL|Q5JQP8
 27248 CHST4|Q8NCG5 TSPAN9|O75954
 27249 COX1|F1CIE4 BSX|Q3C1V8
 27250 SPOCK1|Q08629 ZNF502|A0A024R2Z2
 27251 HLA-A|F6IR32 MBP1|Q96TF5
 27252 EMR2|Q9UHX3 MRPS26|Q9BYN8
 27253 UTY|F4MHS7 NEIL3|Q8TAT5
 27254 CKLF|Q9UBR5 ND6|H9P0H1
 27255 PCSK7|E9PMC0 FAT1|A0A087WVP1
 27256 hCG_1988128|D6W573 DKFZp78102021|Q68DU0
 27257 PAX6|Q66SS1 CEP152|O94986
 27258 TRAF3IP3|Q9Y228 SAV1|Q9H4B6
 27259 FN3KRP|Q9HA64 HLA-DQB|F2XI68
 27260 HLA-B|D2DKG1 HLA-Cw|F5CL10
 27261 RAPGEFL1|F5H2D5 OPRK1|A0A087WU84
 27262 CENPBD1|B2RD01 HECTD1|Q9BRJ0
 27263 TMEM175|E7ETE6 PRKD1|Q15139
 27264 GOLGA3|Q08378 CYTB|H9SK11
 27265 ACTR6|F8VRL1 JAK2|O60674
 27266 ATP6|H9QEH5 ZWINT|A0A024QZN5
 27267 UTY|F4MH93 HLA-B|A0A0A7C4H5
 27268 RHD|I0CKF8 DFNB31|Q9P202

27269 H2BFM|W0TYI6 LYNX1|Q9BZG9
 27270 PLEKHG3|G3V3I3 CYP21|Q16741
 27271 ATP6|A0A023Q7H2 ND4|I3Q1J9
 27272 SPINK14|Q6IE38 COX1|A0A059RQC1
 27273 EPB41L1|Q9H4G0 PHACTR2|J3KP75
 27274 RASGRF2|O14827 SULT1C2|H7C420
 27275 A3G|U5KJ79 A4GALT|Q7Z7C4
 27276 MARVELD1|Q9BSK0 NMT1|P30419
 27277 NR2C2|C9JKS0 IL6R|A0A087WTB5
 27278 CBWD6|Q4V339 hCG_32657|A0A024R4A1
 27279 ASPRV1|Q53RT3 COX2|E7CNQ9
 27280 HCAR1|Q9BXC0 HLA-C|G1EQE3
 27281 BRWD3|Q6RI45 TRIM50|Q2M204
 27282 MYBPC3|Q14896 PIGK|Q92643
 27283 PCDHAC2|Q9Y5I4 ZNF765|Q7L2R6
 27284 EIF4A1|J3KS25 PPP4R1|J3QL26
 27285 HLA-B|H2BEA4 HKR1|K7EM51
 27286 ND1|C3W5L0 COX3|F1AK70
 27287 IGSF9B|Q9UPX0 RIMS2|Q4G1C6
 27288 OMP|P47874 INTS12|A0A024RDK4
 27289 ECH1|M0QZW4 FAM73B|Q7L4E1
 27290 DNAH10|A0A096LNK1 MDM2|F5H4Q8
 27291 HLA-C|I6NWM3 ATP6|H9QRR5
 27292 EXOC3L4|H0YNJ4 SCYA1|Q76BR7
 27293 TPPP|O94811 C19orf25|Q9UFG5
 27294 OR7-140|O43887 GGTLC1|Q9BX51
 27295 TRIM11|Q96F44 PEX7|O00628
 27296 CFTR|M0QYZ3 hCG_1995540|A0A024R0J7
 27297 MIR16|A0A024QYU1 HLA-A|W8Y4A2
 27298 HLA-A|I6QU16 ACSL4|O60488
 27299 NPY4R|P50391 GDF11|A0A024RB20
 27300 IRF3|E2GIM7 ATXN3|D3VVE8
 27301 BMP7|P18075 PLCB4|B1AJW2
 27302 KIF14|Q15058 PABPC4|H0YEQ8
 27303 GINS4|Q9BRT9 MUTYH|E5KP27
 27304 CACNA1E|A0A024R920 TBC1D3|Q8IZP1
 27305 SLC19A2|Q7Z7J1 HLA-C|G3D6E6
 27306 F11|Q9UEG0 RPS9|A5D904
 27307 CAPNS1|A0A075B7C0 ATP6|H9SRX2
 27308 SLC5A2|P31639 CYTB|X5C0K6
 27309 GALT|F2Z2X9 COX3|C8Y5S3
 27310 MRPL15|Q9P015 PIGN|O95427
 27311 MIGA1|F8W7S1 ZNF638|D6W5H1
 27312 ND2|Q6RN54 HLA-C|F1CCJ1
 27313 ZBTB4|Q9P1Z0 TBX20|Q9UMR3
 27314 ND3|A0A059RPT3 ND3|Q8WCW0
 27315 RBM10|Q6PKH5 HLA-F|Q861E9
 27316 TBCA|Q6FGD7 PSPC1|A0A024RDP4
 27317 MTERFD3|A0A024RBL7 POLR2A|A0A087WWE2
 27318 SLC39A10|Q9ULF5 MAP3K12|A0A024RAZ2
 27319 LANCL1|A0A024R3Z5 USP39|C9JIU2
 27320 NDST1|E5RG58 EEF1D|P29692
 27321 KIF3A|Q8IWH8 CAMK2A|D6RHX9
 27322 HEL-S-32|V9HWF2 HLA-C|C7FDV0
 27323 TMC06|D6R986 UTY|F4MHR0
 27324 SENP5|Q96HI0 SCN3B|E9PJP6
 27325 BIN1|A0A024RAF1 COX3|Q5XZK9
 27326 CYTB|A0A097Q3D6 PIK3C3|M0R386
 27327 NDUFA12|Q9UI09 STMND1|H3BQB6
 27328 PUM1|H0YEH2 ZNF780B|Q9Y6R6
 27329 TNFRSF6|Q6ICT6 ACHE|D6W5X8
 27330 HLA-A|E2GJD3 DUS4L|O95620
 27331 BRCA1|K7EJW3 ATP6V0B|E9PNL3
 27332 CLCN7|Q9BRN4 ND5|G5D7W6
 27333 LOC150763|D3DXG7 ND4L|A0A059RKX9
 27334 UBE2M|A0A024R4T4 GTF3A|A0A024RDQ5
 27335 PSMC6|H0YJC0 PACSIN1|Q5TZC3
 27336 ANKHD1|A0A0A0MQZ8 OXTR|A0T1J2

27337 SLC26A11|I3L2J9 HLA-C|H2BE97
27338 MRPS18C|A0A024RDH9 HIST1H2AC|A0A024R017
27339 NAT2|A4Z7H3 ANKH|D6RGI5
27340 ZNF528|J3KQN0 ND4L|A0A059RMD7
27341 SYMPK|Q92797 CARD8|Q9Y2G2
27342 METTL4|I3L3W2 HSF4|Q9ULV5
27343 HIPK2|A4D1R9 HLA-C|E3SWL5
27344 OLFM1|F5GZQ2 ND6|A0A059QQW3
27345 CYTB|G9IFJ4 SSH1|H0YHR3
27346 PCMTD1|H0YBU4 ND6|Q5XRX3
27347 LRR8B|Q6P9F7 ZNF286A|J3KSJ1
27348 SFPQ|Q6PIX2 SMO|H7C5S9
27349 HLA-C|Q700Z4 REST|L0B3Y5
27350 tmp_locus_6|Q53RX8 HLA-C|J7JHR0
27351 KLHL25|Q9H0H3 USP41|Q3LFD5
27352 UGT1A3|A7ISW3 ESRRG|P62508
27353 LRG1|P02750 RASSF8|F5H8C5
27354 ZDHHC18|E9PJ53 p53|A0A0C4KX50
27355 PTGER3|Q6TTN3 ADCK2|Q7Z695
27356 CYTB|A0A097PX91 HTR2C|B3VRE0
27357 CTNNA2|C9IZ88 NME6|C9J9V6
27358 ATP1F1|Q9UII2 KDR|P35968
27359 PPA2|F8W7R6 BSCL2|J3KQ12
27360 GNL1|P36915 WIBG|Q9BRP8
27361 CYTB|F5CUR7 PPP1R14B|Q96C90
27362 NECAB2|H3BTW2 PPARG|Q4W448
27363 EIF3A|Q24JU4 TPSB2|A0A087WUI4
27364 HLA-B|Q6KBS5 RAPGEF2|D6RC78
27365 ADCY7|H3BQ93 CYTB|X5C7Q1
27366 ADGRB3|S4R3D0 IGFBP5|P24593
27367 RBCK1|G3XAG9 ND5|Q3S9H4
27368 PHGDH|O43175 SCLT1|Q96NL6
27369 CYTB|X5BZF1 cox2|X2D4K6
27370 CYLC2|Q6PEJ5 BRSK2|A0A024RCE9
27371 ND3|A0A059RLE2 COX3|H9Q8W3
27372 PLCXD1|A0A0A0MT41 ND2|H9QNT4
27373 SLC25A32|Q9H2D1 ZFP1|J3KNQ1
27374 CPT1C|M0R0D3 RIT2|K7EMR8
27375 HLA-DRB1|A0A0A7C487 AOF1|Q08EI0
27376 ZNF135|Q8N9M3 SH3GL3|Q8IVP1
27377 ZCCHC17|A0A087WXF8 RPS6KB2|G3V2F1
27378 ZNF282|Q7Z2V4 KLHL22|C9J2T1
27379 SLC22A8|H7BXN9 COX1|C7SK85
27380 LONRF2|B7ZKY9 NR4A3|Q92570
27381 HLA-A|C0M138 GTPBP10|C9J8R7
27382 PTPRO|H0YH60 DNPEP|F8WAN0
27383 ALDH1A2|H0YMG7 SLC25A40|Q8TBP6
27384 MPP1|Q00013 NCEH1|Q6PIU2
27385 RFX7|B7ZKX1 MAP3K8|P41279
27386 TAF9|Q16594 PRMT3|A0A0A0MSN7
27387 GATB|H0Y9W6 DEDD2|M0QXK7
27388 RH50|Q9UP76 HLA-A|Q9TQE6
27389 DKFZp566C233|Q9UG12 SLC15A1|Q4VAL9
27390 EIF3A|Q3B770 CYP19A1|H0YLP1
27391 CD5|H6DA16 CAPNS1|U3KPR7
27392 ZNF737|M0R1D1 HLA-A|G1END4
27393 DCDC1|P59894 CDC16|A0A024RDZ2
27394 XK|P51811 HLA-C|K7P5Q8
27395 RARSL|H0UI22 ATP6V1B2|H0YC04
27396 AKAP1|Q92667 SSBP4|Q9BWG4
27397 TXK|D6RA14 ND5|A0A059RPI5
27398 MCHR2|Q969V1 IDI1|C9JD53
27399 HIF1A|A8MYV6 HLA-C|Q7YQ61
27400 PCDHA5|Q9Y5H7 CYTB|A0A059RH94
27401 BABAM1|J3KQ56 DDX19A|Q9NUU7
27402 MFNG|A9UJP9 ARSD|P51689
27403 COX1|E5E1J6 RBM5|C9JR02
27404 EWSR1|ZNF384|A9Z0R7 P2RY13|Q9BPV8

27405	COI U3M9T7	POLR2J3 E7EP90
27406	COX14 Q96I36	HEL-S-162eP V9HVZ4
27407	HLA-A E1B2D6	UBE2E1 A0A024R2K3
27408	GGT3P A6NGU5	LAMA3 A0A0A0MSA0
27409	ND5 Q3S9H4	ND4 Q9B2Y5
27410	OSBP P22059	MYC B3CJD9
27411	HLA-C Q30203	FGA P02671
27412	CFTR Q6KEH8	SCAMP5 H3BS22
27413	ND2 B2D4I5	ZNF154 Q13106
27414	PCOLCE A4D2D2	STX2 J3KNU7
27415	ZNF544 M0QZM7	CSRP1 E9PS42
27416	MAPKBP1 A0A024R9L5	CYB5R3 B1AHF3
27417	UPF1 A0A024R7L8	CDON H0YEX4
27418	HS2ST1 Q7LGA3	CDK2 A0A024RB77
27419	LMCD1 Q9NZU5	ATP6 H9SHT7
27420	HLA-B G1EMK6	DKFZp781I1948 Q68CR4
27421	CHRNA1 B8ZZD3	KDM4D Q6B0I6
27422	PACIN3 H0YDM6	PLD2 I3L222
27423	NET1 Q5SQI7	ARF3 F5H1V1
27424	BRPF1 C9JHC0	MCPH1 Q6RAS2
27425	HLA-B U3MYE2	SPATA31A7 Q8IWB4
27426	HLA-A D5H3W3	DKFZp686M148 Q6AI18
27427	CD69 Q07108	GLUD1 E9KL48
27428	CTSB E9PNL5	DIRAS2 Q96HU8
27429	ATP7B A6YQZ0	SCAMP5 H3BP89
27430	GPI K7ELR7	P2RX1 K4JYE8
27431	HSR1 Q0EFC6	GRIA4 P48058
27432	ND5 V9PAR5	ITGBL1 A0A024RDW7
27433	SLC29A4 C9JZA2	FKBP11 Q9NYL4
27434	HLA-B Q70KF9	PALM A0A087WTK8
27435	WISP2 O76076	QKI F5GYM3
27436	LOC51277 Q53T06	RHD A0A023W4F4
27437	MGA H3BTN2	RNF14 E7EP22
27438	ARFGAP1 F8VWB3	HLA-C E3Q1I0
27439	ATG4B H0Y2Y0	GGT1 E7ENJ5
27440	SLC25A52 I3L0B8	HLA-B M9P9C4
27441	CCAR1 F5H1H2	TAS2R46 P59540
27442	PRKCH G3V4Q6	TRIM22 H7BZD3
27443	CEP152 A0A075B719	NECAP1 A8K3C2
27444	ZNF544 A0A024R4T6	NFS1 Q9Y697
27445	BAX Q07812	FBX021 A0A024RBL8
27446	HLA-A F6IQW3	CFTR Q6KEB8
27447	CLASP1 Q7Z460	HLA-C C6JSY0
27448	ZNF675 M0R1W1	TASP1 H7BZ38
27449	CTSB E9PIS1	COX2 A0A059S8A4
27450	KIAA1928 Q96PW0	TUBGCP6 B2RWN4
27451	ARF4 U3KQF2	VCP Q96IF9
27452	LONP2 H3BUW8	GRIN3B O60391
27453	LAMP1 A0A024RDY3	TTPAL Q9BTX7
27454	CXXC1 K7EKZ6	DARC Q4VBN9
27455	COX1 F2WI82	RAB17 Q9H0T7
27456	NFE2L2 E2I973	GRIK2 Q13002
27457	ARHGAP42 H0YEJ7	TNKS O95271
27458	CAMK2B E7EQE4	NRG2 O14511
27459	HLA-DR15 D5M8A0	CD40LG P29965
27460	GJA5 P36382	HLA-C D7NP57
27461	MC1R V9Q7F1	SAMD3 Q8N6K7
27462	DRG2 J3QL90	ATP6 A0A023I7H5
27463	USP45 D6RBV3	ARL1 F8W1Z8
27464	CYP2E1 Q16868	ATP4B P51164
27465	LIMA1 F8VRN8	ND1 D8L335
27466	SYNE1 A0A0C4DG40	AKAP6 Q13023
27467	SERTAD3 Q9UJW9	SVIP Q8NHG7
27468	IST1 F5GXM3	CCDC14 Q49A88
27469	NHLRC2 Q8NBF2	hCG_2039447 A0A024R4Z4
27470	CAPNS2 Q96L46	CD40LG C1L3E0
27471	ND2 A0A068C7H2	IFITM3 E9PS44
27472	MARK3 A0A0A0MT23	HLA-DPB1 A0A0A7C763

27473 PRSS1|Q86W17 HLA-B|R9QZA8
 27474 RHD|D0AB02 SLC9A6|Q92581
 27475 LUC7L|B8ZZ09 SLC35B4|F8WAW0
 27476 HENMT1|X6RGV9 MYO1C|I3L168
 27477 GPRC5A|F5GWG3 IFNGR1|Q7Z687
 27478 LTA|Q6WQT9 COX1|Q0Z7K4
 27479 PVRL2|Q92692 DKFZp686D2168|Q68CY6
 27480 GSTA5|Q7RTV2 HLA-DPB1|A0A0A7C9C8
 27481 DNAH8|A0A075B6F3 BCL2L2|G3V3G8
 27482 PANK2|A4FU43 MAGEA6|P43360
 27483 SLC8B1|F8VR99 HLA-B|E2GJN0
 27484 NPC2|P61916 ARID1A|H0Y488
 27485 C2orf62|Q7Z7H3 HLA-A|B5LZ16
 27486 HLA-B|A0A0A7C5G8 TMEM181|Q9P2C4
 27487 WDR92|Q96MX6 HUT11|Q71UV7
 27488 ADAM11|B4DKD2 ND4|A0A059QP87
 27489 EIF2S2|B5BU01 PCYT1A|F8WAZ5
 27490 hCG_2026745|A0A024R9P1 TPH1|B3VRW5
 27491 TERF2|H3BTA7 ND5|A0A059RQ72
 27492 ECI2|F1LLU7 HLA-A|G1EPH5
 27493 SLC01B1|A0A024RAU7 VPS8|C9JJN9
 27494 ND5|L7XV85 TAP1|Q53WZ1
 27495 RAB5C|A0A024R1U4 COX3|Q7Y664
 27496 MSX1|E9KXT7 STK17B|Q6FG98
 27497 ALG12|H7C4I6 USP45|Q70EL2
 27498 ND4|Q7Y7S0 CEP76|Q8TAP6
 27499 MTFR1|A0A024R7W1 LYPLA2|Q5QPQ1
 27500 MYC|B3CJA9 MKRN1|C9IY57
 27501 DLG4|P78352 STAT2|R9QFA6
 27502 TCEA1|E5RIS7 BPGM|C9JH23
 27503 SERINC4|A6NH21 KIF5B-RET(NM_020630)_K16;R12|M1VKI9
 27504 SON|Q3SWV4 ADAMTS17|H3BV94
 27505 HLA-DR15|F4YUA8 TRPV3|J3KPJ6
 27506 WSB2|Q9NYS7 RANBP1|B3KUP2
 27507 SLC7A7|Q9UM01 FGFR1|E9PKV7
 27508 MCM2|Q9BWF4 MYRIP|Q8NFW9
 27509 PSMD3|O43242 PRMT1|E9PQ98
 27510 DTX2|C9JEH4 PCDHGA9|Q9Y5G4
 27511 RHD|Q9HCC3 SSRP1|E9PMD4
 27512 ATP8|Q7YEG9 EOMES|O95936
 27513 FLT-1|S5TRK2 C1orf94|Q6P1W5
 27514 HLA-A|S4T722 TRPM4|M0R3H6
 27515 LSM10|Q969L4 PRKCDP|Q969G5
 27516 BAZ2A|F8VU39 CCL4|P13236
 27517 UBE2D1|A0A024QZJ2 IL17RC|Q8NAC3
 27518 APAF1|A5YM44 PTPN21|H0YJ59
 27519 IP6K1|Q92551 PNMT|Q6FHD9
 27520 HLA-C|F8W9Z8 PRSS36|Q5K4E3
 27521 SRF|A0A024RD16 OCM|P0CE72
 27522 CHN2|H7C138 LMNTD1|H0YFH5
 27523 PCMTD1|H0YBU4 ND3|C3W5L7
 27524 PHLDB3|Q6NSJ2 ARRB1|P49407
 27525 ZSWIM5|Q9P217 TEK|Q02763
 27526 OTUD7A|H0YMI7 TLR10|D1CS19
 27527 HLA-A|D9IFQ6 PHF3|E7EVH3
 27528 VPS53|Q5VIR6 GMPR|P36959
 27529 CDH24|Q96LQ7 EFHD1|C9JTV4
 27530 CYTB|J7HWJ8 HLA-A|D5FHR2
 27531 RAB3GAP2|F8WDJ2 LUC7L3|H0YAR4
 27532 PPARG|E7EUD1 RHCE|A0A0B5JG23
 27533 SLC7A13|Q8TCU3 CKMT1A|F8WDP9
 27534 ZFXH4|Q6DK57 NAV3|H0YHA8
 27535 TAOK2|Q86V37 OSTM1|Q86WC4
 27536 HLA-A|S4TZE1 FCAMR|Q8WWV6
 27537 CCR5|Q9UN25 GIMAP2|Q9UG22
 27538 RTTN|J3KTD2 ZNF578|Q96N58
 27539 PRKRIP1|A0A024QYV5 GABRR2|P28476
 27540 RBM19|Q9Y4C8 HOXA4|Q00056

27541	CYTB C3W5M2	CYTB A0A097Q8G7
27542	HAUS6 Q5VY60	DKFZp686C1054 Q6MZT3
27543	GTF2E1 C9J329	PARP16 H3BV75
27544	CALCRL D3DPG9	STX16 B7ZBM5
27545	PCDH15 A2A3E3	HBP1 A0A024R722
27546	WDR81 Q562E7	PEX11A H0YMC7
27547	MAPKBP1 A0A024R9L5	RHCE Q0E5G9
27548	KCTD15 K7EM48	ZBTB8A Q96BR9
27549	ZNF548 M0R041	HMOX2 P30519
27550	COX1 A0SCP2	GMIP K7EJC2
27551	ND5 A0A097PYE7	PKNOX1 P55347
27552	HLA-A D3U454	ND2 A0A059QQ15
27553	DOCK2 Q92608	ND5 C8YDE2
27554	CYP21A2 Q1EM51	HLA-DPB1 Q5V8U6
27555	EDA Q92838	IPO4 Q8TEX9
27556	SCN9A H7C064	PDF Q9HBH1
27557	EEF1A1 Q5JR01	HCTP4 Q643R0
27558	ATXN3 D3VVJ2	NCALD E5RI78
27559	COL4A6 F5H3Q5	UGT1A3 A9UKC9
27560	ZDHHC15 Q96MV8	ND5 X2CH62
27561	HLA-C M9P9M9	RHD D1H0P2
27562	DKFZp313M1824 Q5HYK2	CDHR1 Q96JP9
27563	ELOVL7 D6RHD0	NR1B1 F1D8N9
27564	RASSF4 Q9H2L5	CYB5B J3KNF8
27565	HLA-A F8R122	NCAPD2 Q15021
27566	SOX13 E9PPW0	FOPNL I3L3N6
27567	GCC2 D3DX70	ATP11C A0A067XG57
27568	HLA-A I6MHF4	STX10 K7EPP9
27569	TSPAN16 Q9UKR8	UBE2D2 P62837
27570	ENPP7 Q6UWV6	SLC6A16 M0R1Y6
27571	GRM5 H7C223	RASSF7 Q02833
27572	AMY2B P19961	TOM1 B0QY02
27573	CYTB A9QXT2	SEPT4 Q43236
27574	LSP1 C9JKF7	SNRPD3 P62318
27575	FGFR2 S4R381	COX3 H9P9C3
27576	CLCN6 P51797	CPS1 P31327
27577	TP53 E7EMR6	SLC16A10 Q9P1I2
27578	ZC3H12A Q5D1E8	COX3 Q4F1I5
27579	SMARCA2 B1ALG2	PDILT Q8N807
27580	USP3 H0YLJ0	DSPP Q9NZW4
27581	HLA-B I3QHR8	CCND3 D6RI00
27582	MSX1 E9KXV0	NADH6 Q4GIS7
27583	RHD O75835	HLA-B X5MPH2
27584	NR3C1 B6ZGU6	ADIG A2A2E7
27585	COX1 B2XEY0	NME7 A0A024R8Z7
27586	PRPH2 P23942	AMIG03 Q86WK7
27587	cytb B2XN13	ACCN3 A0A090N8Q1
27588	HLA-B F0VYJ3	ATP2A2 H7C5W9
27589	ATP6V0A4 Q9HBG4	ND5 H7BSQ4
27590	cytb Q4GK96	ND3 A0A059RM18
27591	GSS P48637	NCF4 Q6FGM9
27592	ND5 Q0ZFC5	ATP13A2 H0Y9K4
27593	AP1M2 K7EJJ1	SLC37A3 H7C5T4
27594	MRPS18A Q5QPA5	PDP1 E5RI96
27595	PPP1CC P36873	ATP6 D6R5P7
27596	KLRC2 P26717	POLR2J3 E2QRJ6
27597	SMARCA4 P51532	hCG_2001986 A0A024R5X2
27598	STAG1 Q8WVM7	ND5 G9LLG7
27599	GNG13 Q9P2W3	SEBOX Q9HB31
27600	PRNP P04156	KCTD10 A0A024RBJ2
27601	NPY P01303	SOC52 O14508
27602	HLA-DRB1 A0A0A7C4I7	COX2 U5Z9R9
27603	LRRC25 Q8N386	HLA-B Q6IV50
27604	CLTA F8WF69	ZNF44 M0R160
27605	TMOD4 Q8N706	RNFT1 Q5M7Z0
27606	UGT1A3 A7E1U7	CYTB H9S7P5
27607	FGFRL1 Q8N441	AP1S2 P56377
27608	DKFZp434E1030 Q9NT80	PRR5-ARHGAP8 B1AHC4

27609 ZSWIM3|Q96MP5 ZNF439|Q8NDP4
 27610 SOCS7|O14512 ND4|A1Z4C6
 27611 NR0B1|A6NNU8 PRMT5|G3V5L5
 27612 NCOA2|H0YBB6 ATP6|E5E1S7
 27613 HIST1H1E|A3R0T8 SLC25A3|A0A024RBE8
 27614 MTERF2|F8VSD8 CD36|E9PC45
 27615 HLA-C|I2G9F8 DSG3|A0A024RC30
 27616 EEF1D|H0YE58 CEP290|Q05BJ6
 27617 CCRN4L|Q9UK39 GTF2A1L|C9JJY0
 27618 HELQ|E3W982 HTR2B|B3VRD5
 27619 COX3|H9PBU4 CPA1|C9JQ63
 27620 EIF4G2|H0YD77 SIGLEC14|Q08ET2
 27621 CUL5|Q93034 ZNF121|K7EQI1
 27622 SHKBP1|M0R2P6 GPATCH11|Q8N954
 27623 KCNRG|Q8N5I3 CST7|O76096
 27624 BRSK2|A0A024RCE9 HLA-C|D3U4D3
 27625 SLC12A6|H0YKQ8 OLAH|Q5VUC1
 27626 MRPL50|Q8N5N7 C14orf1|Q9UKR5
 27627 ABCB4|V5N6U4 GPHA2|A0A024R579
 27628 ATP6V1D|H0YJH8 OR5B3|Q8NH48
 27629 cox2|X2D4D6 hCG_27198|B3KVF8
 27630 MED13L|H0YHC1 HEL-S-117|V9HW50
 27631 SHKBP1|M0QZF2 DUS4L|F2Z2E4
 27632 FM02|Q99518 HLA-C|C7C4Z5
 27633 EIF2AK1|A0A024QZU1 HLA-A|S0F2B1
 27634 CXCL13|O43927 TAS2R39|P59534
 27635 ALG6|A2A2G4 ADAMTSL1|A6NIB9
 27636 COX1|H9MVI2 MRGPRF|Q96AM1
 27637 COG6|A0A024RDW5 MSX1|E9KXX8
 27638 TPBG|Q13641 MYBBP1A|I3L2H8
 27639 RPP14|O95059 HLA-B|A5PI53
 27640 MYC|B3CJD9 ATP6|B2KLZ5
 27641 HLA-C|A0A0A7C7W6 ACADM|B7Z9I1
 27642 ZNF419|E5RI89 C3orf58|Q8NDZ4
 27643 ATP6V0D1|C6SUN6 HLA-DRB1|B2NJ35
 27644 SNAPC4|Q5SXM2 CYTB|A0A059QMD4
 27645 MGAT5B|Q3V5L5 CSNK1G1|Q8IXA3
 27646 SLC4A11|R9UQ64 SNRPA|M0R221
 27647 MAPK10|P53779 ALDH1A3|H0Y2X5
 27648 SLC30A6|B5MCR8 ECHDC1|H0YD54
 27649 FUT1|A0A0A0QYD1 RTF1|H0YKX1
 27650 ND5|A0S952 PTPRJ|A0A087WVC6
 27651 OLA1|J3KQ32 IFIT2|P09913
 27652 TCEA1|E5RJ93 KDM6A|A0A087WUN6
 27653 HDAC2|E5RGV4 HLA-A|D0AB29
 27654 HLA-C|R4S4F4 ATF2|F5H629
 27655 ATP6|Q0VV07 TBC1D16|Q8TBP0
 27656 HLA-A|Q9TQ26 CSNK1D|H0Y2N6
 27657 ND4|B2KLY6 GLS|Q53TX0
 27658 OR17-130|O43876 ND6|A6YXL7
 27659 PDE6A|F1T0K3 ARSE|F5H324
 27660 RRP22|A0A024R1C8 EHD4|Q9H223
 27661 PES1|B5MCF9 JUNB|Q5U079
 27662 ATP2B2|A0A024R2E4 NDI|A0A098CLD5
 27663 GNB3|F1T0G5 CYTB|A0A068BQ23
 27664 HPCAL1|C9JW46 UGP2|C9JUW1
 27665 A4GALT|Q7Z7C2 CLN3|Q13286
 27666 PSMB6|A0A087X2I4 MFAP1|P55081
 27667 CYTB|Q7YCC2 CLIP1|P30622
 27668 RUVBL2|M0QXI6 HLA-A|F6IQY6
 27669 ATP6|Q8WCX0 CAPN1|P07384
 27670 MEF2D|Q05BX2 TK2|O00142
 27671 THAP9|F2Z371 COX3|A0A059RSE7
 27672 HMOX2|I3L159 ZNF234|K7ELL2
 27673 PDLIM4|P50479 MLH1|Q64FK0
 27674 ZNF506|K7ERD9 HLA-C|D7NPB6
 27675 NECAP2|Q9NVZ3 RANBP5|A0A024RDY0
 27676 SPTLC1|A0A024R277 HLA-C|G3D6C5

27677 ADAMTS16|Q2XQZ0 IMAP1|A0A090N8Z4
 27678 ND1|H9MJU9 TLK2|J3KST4
 27679 MTAP|Q6FHP1 HLA-C|C5IZY5
 27680 CDC2L1|A4VCI5 CYTB|U3LB05
 27681 HLA-A|X5MI15 IL2RG|P31785
 27682 AMOT|Q4VCS5 AID|Q8NFB8
 27683 HLA-Cw|F5CL10 GCM1|Q9NP62
 27684 CYTB|J7HWJ8 HMOX2|I3L1F5
 27685 KCTD19|J3KSZ9 BACE|Q76KP0
 27686 CALCA|P01258 SMAD3|H0YL71
 27687 PLCXD1|X6RFG1 NFIA|B1AKN6
 27688 MCIDAS|D6RGH6 HIMAP4|A0A090N7X0
 27689 DTX3|Q8N9I9 EVX2|Q03828
 27690 HEL-S-61p|V9HWA4 GAL3ST3|Q96A11
 27691 ND5|H9R273 MTMR14|C9JSR1
 27692 HDAC8|Q9BY41 HIATL1|A0A024R9M8
 27693 DOCK8|A2A370 HLA-C|V5JAA8
 27694 MCM3|Q7Z6P5 GNE|Q6QNY6
 27695 PKP1|Q13835 ND5|G9IFS0
 27696 CIRBP|Q53XX5 HLA-B|N0A0K3
 27697 KRB0X4|C9J950 GRIA1|P42261
 27698 PIEZO2|Q9H5I5 SLC25A19|J3KTL0
 27699 PRAMEF15|A0A087X198 KISS1R|Q969F8
 27700 RDM1|Q8NG50 RFX5|F6X9D6
 27701 TCF4|H3BPJ7 ND2|A6Z7V2
 27702 RPH3AL|I3L1Q0 HLA-A|F2X5Y4
 27703 RBP2|P50120 SIRT2|C9JZQ0
 27704 PLEKHM3|Q6ZWE6 MTMR14|Q8NCE2
 27705 SLC35A4|Q96G79 HLA-A|F8R8H2
 27706 PAX5|E7ES87 TAPBP|A2AB90
 27707 RPUSD1|H3BVD0 GLTP|F5GZ49
 27708 HIPK3|Q9H422 CHD4|A0A0C4DGG9
 27709 HLA-C|F2VNS3 NLE1|Q9NVX2
 27710 COX3|G9LCP5 NAT2|A9X7Q9
 27711 ARAP3|Q8WWN8 ND5|B8X5X6
 27712 GPR68|Q15743 ACTN1|G3V2E8
 27713 COX1|B2XEY0 ND1|A0A059QQB4
 27714 DPP10|C9J4M8 GRM7|C9JMT3
 27715 FAM21D|Q5SRD0 ND5|R9Y487
 27716 ZADH2|J3QQQ7 ND1|Q6VH72
 27717 KCNAB3|O43448 TP53|B5AKF5
 27718 POM121L1P|Q3SYA9 HLA-DOB|H0Y4X4
 27719 PPARG|P37231 ARMCX3|A0A024RCF9
 27720 PICALM|E9PI56 SLC35B3|A0A024QZW4
 27721 ALG11|Q2TAA5 ND5|A4ZL49
 27722 UCP3|P55916 AP2B1|H0UID4
 27723 B9838V1|I7GY12 STK25|A0A024R4B2
 27724 IFIT2|A0A087X279 SLC19A1|H3BTQ3
 27725 SERF1A|O75920 HSD3B7|I3L2H6
 27726 HLA-C|G1ENX6 MBNL1|H7C4Y1
 27727 NEFM|E7ESP9 COBLL1|Q53SF7
 27728 EDEM3|Q9BZQ6 hCG_40733|D6W5I0
 27729 PI16|Q6UXB8 TIMM44|O43615
 27730 ND2|Q9B2X3 CYTB|R9Y3Y7
 27731 SA|V9H1E0 GTPBP2|Q9BX10
 27732 LARP6|Q9BRS8 ZMYND15|Q9H091
 27733 HLA-C|S5DHQ8 ABCB4|A7J1R3
 27734 ATG12|O94817 HLA-DPB1|A0A0A7C5V2
 27735 YME1L1|Q96I63 COX1|Q4ZF72
 27736 APOBEC3H|M4W6S4 F8|E3VWA4
 27737 KDM4C|Q9H3R0 DCAF17|Q5H9S7
 27738 HLA-C|H6UV86 HBG1|B8XXQ5
 27739 STK10|O94804 CRP|P02741
 27740 DKFZp686P19218|Q7Z367 PPP2R1A|P30153
 27741 CYP21|Q16741 hCG_1811539|A0A024QZV0
 27742 HIST2H2BE|Q16778 DKFZp5660173|Q5JVG7
 27743 ND1|Q5Q6L9 ND5|A0A096VW26
 27744 PGA3|F5GXL4 HLA-DPB1|A0A0A7C5R9

27745	ATP6 V5JSZ5	COI U3MA07
27746	HLA-B E3SWH9	HLA-C F1AQR0
27747	RHOJ A0A024R692	HLA-DRB1 C1JJ53
27748	SPAG16 Q8N0X2	IL23R B6VNT6
27749	MT-CYB P00156	ARL1 P40616
27750	ARHGEF7 B1ALK7	MFAP3L O75121
27751	FOSB K7EKC1	HLA-DQB1 A0A0A7CAJ0
27752	HLA-B D4HPB9	SLC43A2 Q8N370
27753	TRPM3 A2A3F3	EGLN1 R4SCP5
27754	KCNJ11 C5IU89	CCDC28B Q9BUN5
27755	TP53 D5KL88	MZF1 M0R1U5
27756	CRSP8 A0A024R8B7	MEIS2 A0A024R9J1
27757	PPID Q08752	HLA-C D3U3P3
27758	TRMT10C Q7L0Y3	ND4 A0A059RB77
27759	RGS7BP Q6MZT1	ND5 F8VAF6
27760	ZNF343 Q6P1L6	ULBP1 Q9BZM6
27761	COX3 H9E7L2	RHD A0A0A8WGH0
27762	NRP2 C9JH98	SLC12A5 M4PM71
27763	ND5 A0A096WPE3	CYTB H9RVW1
27764	RHBDD3 B0QYJ2	SLC17A1 Q96PF5
27765	HTR3B B3VRM5	GPC1 P35052
27766	ZC3H14 G3V5I6	COX1 A0A059RVX4
27767	SLC10A6 Q3KNW5	AKR1C2 S4R3P0
27768	MMP21 Q8N119	HENMT1 X6RGV9
27769	HLA-B D3U3K2	FABP4 E5RIR0
27770	CCR2 L7RER4	ITGA2 G3LGR5
27771	TSG101 L0L6B6	TLR8 Q9NR97
27772	RNF115 Q9Y4L5	CYP4F12 Q8IV39
27773	ROCK2 D6REE7	HLA-C G0ZMM2
27774	PLXNC1 O60486	HLA-A H9C5F9
27775	ZC3H12D A2A288	HLA-G O19767
27776	G3BP1 Q32P45	NRGN A0A024R3M7
27777	CYTB G9LB42	SIRPA P78324
27778	ITGB7 H3BRM2	HLA-C F8R8K2
27779	CTSF Q6FHS1	DDHD1 Q8NEL9
27780	TOM1L1 J3KQU4	HLA-C F2VP84
27781	NBPF10 Q6P3W6	ZNF106 H3BSS6
27782	CYTB A0A096WHY7	COL4A2 A0A024RDW8
27783	HLA-C V5JAP0	CHRM3 B1AN12
27784	P2RX4 F5GZQ9	MCM3 Q7Z6P5
27785	CYTB E5Q914	GRP17 Q9UJS2
27786	ND5 B8RF22	ICAM4 Q14773
27787	ND5 H9RVX2	SERPINB10 P48595
27788	COX3 A3RM82	TECTB Q96PL2
27789	MTRF1 O75570	ATXN7L1 Q9ULK2
27790	DNAJB2 P25686	INPP5F Q9Y2H2
27791	NRG1 Q7RTW4	HLA-DRB1 A0A087WX18
27792	VSNL1 Q53RT2	ATPase Q4GQZ2
27793	COX3 D7P661	PIF1 Q9Y645
27794	ARHGAP8 Q52M44	AOX1 Q06278
27795	PCNA Q7Z6A1	MT3 P25713
27796	MAP3K7 O43318	ZNF483 Q5VZN3
27797	HLA-C M9PAN4	P4HB I3L514
27798	HLA-DQB1 D3JWS0	TUBA8 C9J2C0
27799	DUX4 E0Z3H0	FAM175A Q6UWZ7
27800	PCGF1 Q9BSM1	OR11A1 A0A024RCH9
27801	SPINT1 H3BTQ8	EFCAB1 A0A024R7U5
27802	NRP1 Q9H2D7	BRCA2 Q9H4L3
27803	HOXD10 P28358	HLA-C K7P579
27804	PLA2G12A Q9BZM1	XP01 C9J673
27805	BAX I6LPK7	NR1I2 F1DAL3
27806	SC5DL A0A024R3G4	CPD J3QQJ4
27807	SLC52A3 K0A6P4	RFNG J3QLN0
27808	HLA-C H2BDQ7	DKFZP779L1558 A0A024RAW6
27809	DCI Q96DC0	USP33 E9PLK7
27810	FHIT Q1WAB3	ND2 H9M4A3
27811	ZNF195 E9PLW9	AQR A0A024R9L1
27812	UGT1A7 Q5K632	HLA-C G0Z8F7

27813 ZCRB1|F8VXY6 RHCE|B3CL46
 27814 HLA-C|G1BEN4 ZNF180|Q9UJW8
 27815 ZNF717|C9JVC3 ADK|P55263
 27816 CYTB|L7NVT0 SELH|Q8IZQ5
 27817 MET|B5A940 ATP6|Q4F6K4
 27818 HLA-B|D6C524 BMP7|P18075
 27819 HLA-A|A0A0A7C729 HLA-A|Q5SUL5
 27820 TDP43|A0A0A0N0L3 CIZ1|Q9BTG3
 27821 ORC5|G3V0H0 CYTB|H9P7N1
 27822 RAB30|E9PQ07 COX1|A0A059QEM6
 27823 IL12B|P29460 ATOH1|Q92858
 27824 PROS1|Q16519 ND5|B8XYI9
 27825 MAPKAPK3|Q16644 NR2C1|H9NIM2
 27826 BRSK2|A0A024RCE9 ZBTB41|Q8N9U5
 27827 RNF10|H0YFN9 RRM2|C9JXC1
 27828 VAT1|K7ERT7 PIGQ|E7ERP4
 27829 ND4L|H9E7R6 ZBED6CL|Q96FA7
 27830 LOC283130|B3KR90 CD80|P33681
 27831 SGK494|L7N484 AMICA1|Q496M2
 27832 PCNA|Q7Z6A3 SLC1A7|O00341
 27833 RDM1|B4DZ74 ATP6|A0A059RRH2
 27834 ABLIM1|F8W8M4 TGIF1|F8VX54
 27835 OR4C46|A6NHA9 BFAR|A0A087WXR3
 27836 UGT1A6|P19224 DKFZp686K03205|Q68CX9
 27837 CCK|Q6FG82 COX1|A0A096WB77
 27838 CLTC|A0A087WVQ6 GOSR1|B4DQA8
 27839 MARK4|K7EK17 HLA-DQB1|F8LFY0
 27840 CSF3|Q6FH65 ZFHX2|Q9C0A1
 27841 SNRPB|Q66K91 GJC1|K7ERH3
 27842 FAU|P62861 ZNF592|H0YM74
 27843 ND2|C8YBX6 SLC25A14|O95258
 27844 HLA-C|C6JSY3 ND5|R9Y487
 27845 TRAPPC2L|H3BPS1 RNF41|A0A024RB33
 27846 KCNK7|Q3SYI1 CYTB|E5QAA5
 27847 CYTB|A0A096WXI1 COX1|L7XYA7
 27848 MTERF1|C9JNM8 FZD9|O00144
 27849 LOXL2|E5RFY0 COX3|Q6VIM0
 27850 CDH11|H3BUU9 TLR6|D1CSA0
 27851 LIMK2|A0A024R1H6 TP53|L0EQS1
 27852 APOA4|P06727 GPER1|A0A087WVN0
 27853 HLA-C|D7NP57 CRT2|J3KNE6
 27854 ARRDC4|Q8NCT1 FNDC3B|Q53EP0
 27855 HBS1L|Q9Y450 HEL-S-298|V9HW32
 27856 SOS2|Q07890 CSNK1A1|E7ETM0
 27857 MSX1|E9KY14 WASF3|Q9UPY6
 27858 SYDE1|Q6ZW31 HLA-C|H6V084
 27859 SCN3B|E9PQS8 ASPA|Q6FH48
 27860 MCM4|A4FS09 COX5A|Q71UP1
 27861 COX1|A0A023QYP8 CRHR1|A0A0A0MQZ1
 27862 UTY|O14607 SETD2|H7BZ93
 27863 DBNL|F2Z3E3 MC1R|Q1JUL9
 27864 ZNF426|A0A024R7D7 ST14|Q9Y5Y6
 27865 PDGFRB|E5RH16 FAM101B|Q8N5W9
 27866 HLA-C|G1EQ68 RAD50|E9PM98
 27867 PRAMEF19|Q5SWL8 ITGB1|Q5T3E4
 27868 RhitH|I0J0A3 CYTB|H9QF01
 27869 ANXA2|H0YKS4 HTR5A|Q75LH0
 27870 KLF8|O95600 ND6|A0A0A0PU97
 27871 MSR1|H0YBY2 HLA-C|V5JAQ7
 27872 HLA-C|Q861B1 FAM135B|Q49AJ0
 27873 CDH15|P55291 TRIM26|A0A024RCP3
 27874 MCPH1|Q6W795 CYTB|R9Y305
 27875 PLA2G2E|Q9NZK7 LRIG2|O94898
 27876 CPSF4|C9K0K2 MTFMT|H3BTN9
 27877 UBE2D3|H9KV45 RCN2|A8MXP8
 27878 CYTB|L7P4X8 HLA-C|N0AA77
 27879 PAH|Q66RJ7 HLA-C|V5NXU3
 27880 ADAD1|Q96M93 ABCB4|A7J1Q3

27881 SAMD11|I7G101 CHN1|C9J3G1
 27882 QTRT1|K7EJ21 COX2|B3DE06
 27883 SYBU|E9PL66 SLC46A2|Q9BY10
 27884 ZNF106|H3BSS6 HLA-C|D7NP13
 27885 MMP2|P08253 MSX1|E9KXY2
 27886 TAP1|Q03518 TSC22D2|O75157
 27887 RENBP|P51606 OR5K1|Q8NHB7
 27888 CYTB|A0A0A0PKB8 NFIX|Q14938
 27889 COX3|F1CIL3 UTY|F4MHJ7
 27890 OTUB1|J3KR44 MTR|Q99707
 27891 ND6|A0A023I8P3 PTPN6|P29350
 27892 CD36|H0YEE7 HLA-A|A0A0A7C4H8
 27893 HLA-A|P13746 MYO1C|I3L204
 27894 PCM1|E7ETA6 HLA-B|I6SJ79
 27895 NFE2L1|J3QQH8 ATP6|C8YCE9
 27896 ZNF133|Q5JXV9 COX3|Q0G899
 27897 CYTB|B5M7J0 HLA-C|U5YCE6
 27898 FP972|Q71MF7 ATP6|E5E0V2
 27899 CYTB|B7TCQ9 TUBGCP5|A0A087X1Z1
 27900 ACSL1|Q108N1 HDM2|I6T4K8
 27901 FLT4|A0A0A7DYE1 NFKBIE|O00221
 27902 HYOU1|A0A024R3G0 MYO1E|H0YN00
 27903 CYTB|Q4F2Y6 TSPAN4|O14817
 27904 MTERF3|E5RIK9 COX2|A0SA07
 27905 MEGF11|A6BM72 ITGA2|E9PB77
 27906 TMSB4X|Q0P5T0 NRP1|Q5JWQ6
 27907 COX3|E5EY89 IL20|Q9NYY1
 27908 ATG2A|A0AUL9 DUX4|F8QWU0
 27909 MDH2|G3XAL0 HLA-Cw|Q6R739
 27910 EXT2|D3DR24 CIAO1|O76071
 27911 INO80D|Q53TQ3 AMY2B|C9J2Z5
 27912 TREH|O43280 CD4|F5GYA9
 27913 HLA-DQB1|L0BXR0 ATP6|W8D5L5
 27914 HLA-Cw|Q2LDD5 GPS1|J3QLE8
 27915 ATG4B|C9J1C1 RMND1|Q9NWS8
 27916 RBM47|D6REZ6 LGALS8|E9PNC2
 27917 HLA-C|K7P5Q6 ND1|Q94P91
 27918 FAM101A|Q6ZTI6 CEP164|Q9UPV0
 27919 MPDU1|O75352 HIST1H2AC|Q93077
 27920 RPS6|A2A3R7 CYP11B1|Q8TE39
 27921 HLA-C|M9PAF4 HLA-C|A0A0A7C985
 27922 NR1H4|Q96RI1 SEPT2|C9JSE7
 27923 OR1M1|Q8NGA1 ZNF300|Q96RE9
 27924 PGM2|H0Y921 AGPAT3|Q9NRZ7
 27925 DKFZp547B0914|Q8NDT8 OR2T8|A6NH00
 27926 CYTB|G9LEP0 RFK|Q969G6
 27927 OR1J1|Q8NGS3 FCHO1|M0QZE1
 27928 ATP6|W8D860 ND5|E5DYU2
 27929 ZNF776|Q68DI1 HEL-S-92n|V9HWP0
 27930 TREML4|Q6UXN2 USP34|A0A0C4DG73
 27931 F8|Q003W0 ND5|X5CI32
 27932 CXADR|P78310 HEL-205|V9HVZ1
 27933 CDK4|F8VYH9 FADS6|A0A087WYB9
 27934 CTSV|O60911 CYB5R3|P00387
 27935 ND2|D7NIW4 IL12B|A0A0C5PSA9
 27936 ATP8|A0S208 FADD|Q6LCB0
 27937 SEC22A|C9JDJ8 USP17L18|D6R9N7
 27938 AGTPBP1|A0A024R288 MAP1LC3B|Q49A36
 27939 HLA-DPB1|A0A0A7C5W5 ATXN3|D3VVE9
 27940 CENPJ|F6VUX8 IL1R1|B8ZZ73
 27941 ATP8|Q6RNJ6 ZNF780A|O75290
 27942 SMAP2|Q8WU79 ZC3H10|F8VQT2
 27943 FOLR3|A0A087WXH3 KERA|O60938
 27944 ND5|A0S8I1 HLA-DRB1|D7GL12
 27945 C19orf57|Q0VDD7 HMHA1|Q92619
 27946 ZNF268|Q14587 DKFZp686P15123|Q7Z330
 27947 DUX4|E0Z3H5 DUSP16|Q8IVT8
 27948 UGT1A3|Q8WX89 ND3|A0A059QNT1

27949 TAGLN2|P37802 IMP3|Q9NV31
 27950 ATP6|A0A059QGJ9 hCG_2043051|A0A024R3W3
 27951 DUT|A0A0C4DGL3 ZNF92|C9IZS8
 27952 EPB41L2|E9PK52 LIMK2|A0A024R1M2
 27953 METTL17|H0YJW1 LCAT|I3L1Q6
 27954 DEGS1|E7EMA0 COX1|A0A097PVI9
 27955 TMD2|Q4G0W6 HLA-DRB1|Q95IG7
 27956 SOX6|E9PQL4 ZNF138|C9JHF6
 27957 ND5|J7HLE4 ZSCAN22|P10073
 27958 ND1|I3PXI6 GSTO2|Q9H4Y5
 27959 DKFZp779G118|Q7Z684 CACNA1C|Q13936
 27960 NELF|A8K7L5 SACM1L|F8WDN7
 27961 LNX1|D6RB76 IST1|H3BRE2
 27962 COX3|A0A059RYZ4 HLA-C|G3D6G9
 27963 SERGEF|E9PL52 NT5C|Q8TCD5
 27964 HLA-B|R9QZA8 BAZ2A|A0A0C4DGI9
 27965 HLA-C|F4YU76 DKFZp761I2124|Q9NTA6
 27966 ND2|A6Z9Z3 ALG8|E9PR58
 27967 GARNL3|A0A0C4DFW0 ND4|A4ZLL7
 27968 ND5|Q8WCW2 GGT3P|A6NGU5
 27969 CLPS|P04118 MAP3K7|O43318
 27970 NADH5|Q4GVA8 HDAC10|Q969S8
 27971 ChGn|B3KNW4 SCAI|Q8N9R8
 27972 MYO1E|H0YN00 HNRNPC|G3V555
 27973 COX2|Q0Z7D8 COX2|B2XIR3
 27974 PKIG|Q549H9 ND5|G9LG32
 27975 NADH5|B9EF68 HJURP|C9JWC4
 27976 S1PR3|Q99500 HLA-E|Q9MW44
 27977 ND2|I6QHI3 AMPD2|H0Y360
 27978 cytb|B1WA27 AKAP13|Q12802
 27979 GPR49|A0A0A8K8C7 ND2|A0A059S365
 27980 COIII|B1W7S8 ATP6|H9SEJ3
 27981 COX1|H9RI29 CSTF1|Q05048
 27982 KIF3A|Q8IWH8 LYG2|C9JBA4
 27983 THBS4|E7ES19 BCL6B|Q8N143
 27984 SYCE2|Q6PIF2 CHM|P24386
 27985 HLA-DQB1|A0A0A7C645 RWDD1|Q9H446
 27986 THBS1|A0PJG0 RPS6KB1|Q4G0X7
 27987 ABCB4|A7J1R6 FAM188A|Q9H8M7
 27988 RPL32|A0A024R2G7 NPY4R|P50391
 27989 ND2|A6Z529 ND5|B8X5Y9
 27990 ATP6|A1E1T6 SULT2A1|Q06520
 27991 HLA-DQB1|A0A0A7C8I3 RHD|H2DQF5
 27992 ABCA5|K7EQ50 SEBOX|Q9HB31
 27993 SPG7|Q9UQ90 TBCA|O75347
 27994 HLA-C|F1AQP7 TNP2|Q4VB54
 27995 TXLNG|Q9NUQ3 COX1|B2XNF6
 27996 HLA-DR|Q95385 GTF2H2|R4GMS9
 27997 DOCK10|H0YFC5 TMEM18|Q96B42
 27998 ATP6|Q5S9N8 COX1|A0A059QN10
 27999 BRCA1|G8I0D8 UNC5B|Q8IZJ1
 28000 ATP6AP1|H7C2Y8 PROM2|Q8N271
 28001 TNFRSF21|O75509 RBM7|Q6IRX3
 28002 CHMP2A|O43633 MB|Q8WVH6
 28003 NFATC1|O95644 CX3CL1|P78423
 28004 CORIN|A0A087X1D5 ZWILCH|H3BSG1
 28005 SLC6A15|Q9H2J7 CYTB|A0A075X6V8
 28006 PRKACA|K7ERP6 RHBDF2|Q6PJF5
 28007 U2AF2|K7ENG2 KIF5C|O60282
 28008 CES1|P23141 AFDN|Q5TIG5
 28009 RBM7|J3KPD3 HYAL3|A0A024R2Y7
 28010 OR6B3|Q8NGW1 PRCP|E9PNF7
 28011 CYTB|Q4EYM8 RWDD1|Q9H446
 28012 ELF3|A0A024R974 ND5|B2XK88
 28013 EPHB4|P54760 NKTR|A0A024R2N6
 28014 FBXO18|Q2TAK1 RAC2|A0A024R1P2
 28015 HLA-B|D3U3L2 KTI12|Q96EK9
 28016 ND5|B8X540 SPTBN2|O15020

28017 HHAT|Q5VTY9 DKFZp781N0293|Q5H9Q5
28018 ZNF394|Q53GI3 ND5|H9S9F4
28019 MAP4K5|G3V4Q4 TRERF1|A0A024RD50
28020 CYTB|A0A097QA23 HLA-A|G1EPB7
28021 HLA-C|F2VNU3 NDUFC1|O43677
28022 IP6K2|C9JLG7 HLA-C|D6MKX5
28023 HEL-S-53e|V9HW83 AMD1|P17707
28024 MERTK|Q12866 OPN1LW|P04000
28025 POLI|J3KTN3 HLA-B|P30460
28026 PMEL|P40967 PPP4R1|Q8TF05
28027 CYTB|G9LF33 CHEK2|A0A087X102
28028 CYP4F12|A0A0A0MR49 DKFZp686B16128|Q68D23
28029 RHD|Q5DVQ2 NT5M|Q9NPB1
28030 HBG2|P69892 ZNF793|K7ERJ7
28031 CDH19|Q9H159 ND1|G4W393
28032 CRHR1|J3QQR1 PPM1G|Q96IN7
28033 ND1|H9MS34 MKL2|Q9ULH7
28034 AGBL4|H0Y5X4 ZNF677|M0R297
28035 SMC6|C9JMN1 TCF7|B7WNT5
28036 BNC2|S4R3X5 ND4|I3Q0R3
28037 PMCH|P20382 COX3|Q5Y0J7
28038 KHNYN|G3V331 KLHL4|Q9C0H6
28039 HLA-A|A0A0A7C825 CYTB|A0A059QTD5
28040 ZNF106|H3BS99 KIAA1244|B5MDV5
28041 NAA35|Q5VZE5 POLK|A0A024RAP4
28042 SELENBP1|F8WCR4 PDGFRA|D6RDX0
28043 TCF12|H0YNP8 ZNF697|Q8N508
28044 CFL1|E9PS23 ZNF582|A0A075B772
28045 EIF4A1|P60842 PPIL1|Q9Y3C6
28046 PXYLP1|B7Z4T2 LDHA|F5H8H6
28047 HLA-C|F2VNR7 LOC728395|A4FUW6
28048 POM121B|A6NF01 CYTB|A4ZKW0
28049 ZMYM4|Q5VZL5 INHBA|A4D1W7
28050 SLC25A1|D9HTE9 HSIL5R2|Q14631
28051 ZIC5|Q96T25 CDK13|Q14004
28052 SEPT10|F5GYV2 ND5|I3Q509
28053 HLA-C|D6C6D9 RHCE|E1Y3Y3
28054 CYTB|Q7YCH2 PPP1R7|Q15435
28055 HLA-DPB1|A0A0A7C755 UTY|F4MH65
28056 ZNF521|Q8IYZ2 SERGEF|E9PMV6
28057 YWHAH|Q04917 CYTB|A6Z2Y8
28058 ABCC1|G0ZCM4 CTNNA3|V9GYW4
28059 ALDH3A1|P30838 ATXN3|D3VVE6
28060 CD5|H6D9Y3 ND5|Q4F604
28061 C1QB|A0A024RAB9 CYTB|H9Q3H1
28062 KAT6B|Q8WYB5 NDRG1|E5RIV1
28063 B4GALT4|B2RAZ5 SNAP91|E5RGP8
28064 TIMM50|M0R0C3 IL26|Q9NPH9
28065 RPL6|F8VZA3 HSD3B2|A0A024R0F9
28066 ACD|R4GNJ5 ARNT2|X5DRE4
28067 RHCE|A0A089VLV6 HLA-C|A2BCW9
28068 SYDE2|Q5VT97 CMTR2|Q8IYT2
28069 PSD2|Q9BQI7 RAB26|Q9ULW5
28070 PIKFYVE|Q9Y2I7 RC3H1|B9EGU6
28071 CPNE3|O75131 RPSA|P08865
28072 CSDA|A0A024RAQ1 SLC25A17|F6RTR7
28073 DBF4|Q9UBU7 PPP3CB|P16298
28074 SLC12A1|H0YMG9 COX1|A0A059RV27
28075 NFE2L1|J3QQH8 HLA-DPB1|Q29956
28076 COX2|A0A097PWY7 HLA-A|A0A0A7C6W9
28077 BRCA1|E9PC22 APOBR|Q0VD83
28078 TIAL1|O15187 HMGCR|P04035
28079 DNASE1L3|Q13609 FAHD2B|Q6P2I3
28080 FBXO17|Q96EF6 HLA-C|A0A0A7C5Z7
28081 CHDH|C9JYW4 S100A5|P33763
28082 FLJ20551|A0A024R2L5 COX15|Q7KZN9
28083 CD163L1|D3DUT9 CYTB|A0A0A0PT47
28084 ATP6|F1AZB5 HLA-C|D6MKX3

28085	SLC12A4 J3QSF2	RAPGEF2 H0Y8T6
28086	MYOM2 P54296	SLC28A2 O43868
28087	HOXD1 Q9GZZ0	ANXA13 P27216
28088	ACKR2 V9GZ70	REG1A P05451
28089	ESR1 B5TKC1	OBSL1 O75147
28090	SPATA13 E9PFR9	EDDM3A Q14507
28091	IL4R J9JII2	NMT1 A4FU65
28092	ZMYM1 Q5SVZ7	DKFZp586L0518 Q7L8P5
28093	TBCA O75347	HLA-C Q30194
28094	AFAP1L1 Q8TED9	IER2 Q9BTL4
28095	CDC25B P30305	NARFL Q9H6Q4
28096	CYTB V5JSC2	LOXL2 E5RJL2
28097	MST104 Q7Z4D5	ZFHX2 B9EK48
28098	HEL-S-153w V9HWF6	BUB1B O60566
28099	ND4L D7SF84	ND5 W0C6Q7
28100	CUL5 L0L6D8	ADRB2 Q9BYZ0
28101	CRADD F8VV49	NR3C1 D6RDA9
28102	OR6X1 Q8NH79	PRMT5 H0YJY6
28103	CYTB A0A023Q3M6	TCTE3 Q8IZS6
28104	ESR1 C8CJK8	ZNF275 Q9NSD4
28105	PSM8 X5D2R7	ARID5B Q14865
28106	ARAP1 Q96P48	MAGEB6 Q8N7X4
28107	SV2B Q7L1I2	MFSD9 Q8NBP5
28108	LYSMD1 Q96S90	HLA-A M4M802
28109	COX3 H9SMZ5	DHRS7B A0A0C4DGQ8
28110	CYTB H9E7H9	K14 Q13092
28111	HLA-B U4N162	ASNA1 K7ERW9
28112	ZCCHC7 Q8N3Z6	PEX11A B2R8C6
28113	CYP4A22 A0A0C4DFN9	COIII Q4GU59
28114	HLA-A B3V8R1	MST154 Q7Z4B9
28115	APC A5HB96	GALNT11 Q8NCW6
28116	TCP1 E7EQR6	TOMM40L Q969M1
28117	HNRNPH1 D6RF17	LTA Q6WQV6
28118	F13A1 P00488	PSMA4 P25789
28119	ARHGDIB F5H3P3	ND2 A6ZGN8
28120	KLC2 A8MX29	NHEJ1 C9JWV4
28121	DIP2A Q14689	EEF1D E9PQ49
28122	CLPX O76031	RH0XF1 Q8NHV9
28123	PCK2 H0YMY3	NPAS3 X5D2Q4
28124	HLA-Cw C0M126	SLC8A1 E9PB98
28125	P2RX7 K4K1I8	HSPD1 C9JCQ4
28126	ND5 H9QDZ8	CCND1 Q6FI00
28127	WWC1 Q8IX03	ND2 H9E7C9
28128	SPINT2 K7EM91	HLA-DPB1 A0A0A1TTQ1
28129	TMEM30A E5RG19	ND4L A0A023QLI9
28130	HLA-DQB1 U6EFS3	CACNA1A K7EQ95
28131	HLA-Cw Q64EU5	KIAA0142 Q5W9H1
28132	cytb B9ED81	PCMT1 C9J0F2
28133	MGAT3 B0QY92	PPP4R1 J3QL26
28134	CNOT2 H0YHT6	RTKN Q9BST9
28135	LIMA1 F8VRN8	MMP17 F5H209
28136	ZSCAN32 I3L1K0	SPARCL1 A0A024RDE1
28137	LRCH4 O75427	HLA-DR15 G1EMW1
28138	DKFZp686A1525 Q6MZE7	ATP2A2 A0A0C4DH86
28139	ND2 A0A097QCX3	MSN V9GZ54
28140	CDH7 O60574	SCAMP5 H3BS22
28141	TSHR O43200	HLA-C A0A0A7C965
28142	CCDC6 Q16204	DMD E9PDN5
28143	LYG1 Q8N1E2	CRYBA2 A0A024R429
28144	SLC27A1 B7Z225	USH2A O75445
28145	FAM175B Q15018	APEX2 Q9UBZ4
28146	PRPS1 B7ZB02	HP1BP3 B0QZK9
28147	CDHR3 F8WF00	CRIM1 Q9NZV1
28148	GNAL K7EPE2	PCDH9 Q5VT82
28149	CSAD H3BQ59	FAM208A Q9UK61
28150	DDX11 R4GNE1	ITGA7 G3V2I4
28151	KLHL7 Q8IXQ5	CACNA1B B1AQK6
28152	CTSA X6R8A1	PRDM1 Q5T4E8

28153 EPHX3|Q9H6B9 COL11A1|D3DT72
 28154 SNX31|E5RJK2 WDR62|O43379
 28155 HYI|Q5T013 CYBB|G8Z8Y8
 28156 CNBP|P62633 CKB|G3V4N7
 28157 HLA-C|I6MHJ1 CYTB|B4YC62
 28158 HLA-DR15|E3SWP0 FBP1|Q2TU34
 28159 ACP2|P11117 CENPI|Q92674
 28160 PCDH-psi1|Q96T98 SNRPC|P09234
 28161 NTHL1|H3BRL9 COX3|H9Q8W3
 28162 GNL3|Q9BVP2 RERE|H7BYW9
 28163 CCR-5|A0A502 SEC16B|H0YE70
 28164 HLA-C|G1ENV6 HLA-A|P13746
 28165 ASAH1|B1B5Q8 DARC|G9G807
 28166 PFKM|F8VTQ3 HNRNPA1|F8W646
 28167 MFNG|F8WE21 ND1|I3WRL6
 28168 USP36|A0A024R8V6 TRIM49B|A6NDI0
 28169 IRGM|D9N2U4 HLA-A|G9HW68
 28170 PKP3|Q9Y446 MPZ|P25189
 28171 RAB30|E9PS06 HLA-A|A0A0A7C894
 28172 RBF0X2|B0QYY4 HLA-B|F8KGQ9
 28173 PGD|K7EMN2 PRDM15|Q6NXF8
 28174 PIAS3|Q9Y6X2 C14orf182|A1A4T8
 28175 ZNF737|O75373 RBBP6|H3BUN0
 28176 HLA-A|B2ZRD4 HLA-A|B8Y1X8
 28177 ZNF550|A0A0C4DGB4 SLC19A1|D3DSM6
 28178 UNC13A|Q9UPW8 HLA-B|E3SWH9
 28179 PARP10|Q53GL7 ZNF793|K7EL37
 28180 VDACC2|Q5JSD2 CAPSL|D6RF97
 28181 ARF5|P84085 KLK3|Q96A30
 28182 HLA-C|D3U3N7 SMARCC1|Q05CR1
 28183 PAFAH1B2|P68402 HLA-C|G1EQM2
 28184 ZC3H18|H3BP01 RPH3A|A0A024RBK6
 28185 PIF0|Q8TCI5 CPE|D6R930
 28186 C10orf62|Q5T681 LIPT1|Q9Y234
 28187 ND4|A0A096WLM0 HFE|G3LGR0
 28188 HLA-C|E0X614 BECN1|Q14457
 28189 WARS|G3V5U1 UTY|F4MHK4
 28190 IL36RN|Q9UBH0 hCG_40733|E5KSL6
 28191 STMND1|H3BMF7 GJC3|Q8NFK1
 28192 CCNI|D6RG12 ND5|C8YDI1
 28193 SHROOM2|Q13796 ABCG4|E9PJ00
 28194 ND4|A0A023QWK0 ESR1|B5TKC2
 28195 BECN1|K7ERY0 MAPKAPK3|C9J8E1
 28196 LMX1B|O60663 HARS|B3KWE1
 28197 FOS|G3V289 SYNE1|F5H4Q0
 28198 AANAT|Q9GZS4 G6PD|Q0PHS4
 28199 CDK4|A0A024RBB6 YKT6|A4D2J0
 28200 HERC1|Q15751 SIK3|H7C038
 28201 SYTL2|E9PK22 TIGD5|Q53EQ6
 28202 POU5F1|B5B8P9 CCHCR1|E7EQE8
 28203 BC02|H0YCN8 TSC22D1|A0A087X0H8
 28204 ND6|B4YG26 STAT6|H0YIY2
 28205 ND1|A0A023QL98 HLA-DRB1|F4YZX4
 28206 DBN1|Q16643 ND3|A0A059S440
 28207 KCMF1|Q9P0J7 PARP15|B7ZL48
 28208 ND6|Q305V5 REX04|A0A0C4DG22
 28209 ND4|A4ZMM7 HTRA1|Q92743
 28210 Hosa(Japanese)-T2R8|Q50KU2 HLA-C|H9BYU7
 28211 MCF2|P10911 SON|H7C1S4
 28212 FLJ00337|Q6ZNJ3 HLA-C|L0BXM5
 28213 SFRP2|Q96HF1 CYTB|A0A059RX44
 28214 ARPC2|H7C3F9 PGA4|B7ZW16
 28215 RP11-301I17.1|A0A024RDX6 ARFGAP3|Q9NP61
 28216 HLA-B|L7X760 ND3|H9E7H4
 28217 LOC105371242|A0A075B767 Hosa(Adygei)-T2R7|Q50KV7
 28218 SIK2|Q9H0K1 EEA1|Q15075
 28219 CUL2|A0A0A0MTN0 HLA-C|H2BDR3
 28220 HRH3|Q8NI49 COX3|A0A059RSE7

28221	ND4 H9E785	BRD3 Q15059
28222	PDP2 H3BQX2	RP11-301I17.1 A0A024RDT8
28223	F9 F2RM37	HLA-B D3U776
28224	ATG3 Q9NT62	cytb Q4GM46
28225	ATP13A2 H0Y953	PCMT1 F8WAX2
28226	HLA-DPB1 Q67AP1	CLEC2D W8S9T2
28227	ARMS2 P0C7Q2	ATP8 B2CB77
28228	PBX1 H0YLT4	SND1 Q7KZF4
28229	DNAJC9 Q8WXX5	TUBGCP2 Q9BSJ2
28230	ADARB1 P78563	ARPP21 H7C1B6
28231	ATPase Q4GL52	SPPL2A H0YNA7
28232	P2RY6 F5GX90	ZNF214 B7ZMB1
28233	TENM4 E9PPG4	ATP6 A0A068C3D5
28234	ND2 A0A059QTG0	RHCE A0A0B5JJ63
28235	MBNL3 B1AKI5	RBP2 D6RB89
28236	FOXDL1 Q9NU39	SGK494 K7ERW7
28237	CLEC11A Q9Y240	COII I6PRP7
28238	ZNF335 Q9H4Z2	ZNF559 K7EKU6
28239	RPL26 P61254	ZNF562 K7ELE4
28240	VGLL4 C9JX59	ND5 D6R4G0
28241	PYG02 Q9BRQ0	HLA-C D6ML88
28242	RHD K4UQ06	MTPN P58546
28243	APC A5HB95	GPR15 P49685
28244	KCNK3 O14649	HYAL2 Q5ZF00
28245	ND4 H9EC08	PPP3CC H0YB02
28246	ELK4 P28324	HLA-DQB1 A0A0A7C8D1
28247	CLCN4 G3XAG5	RHBDD3 B0QYJ2
28248	CYTB A6ZDK0	TFEC O14948
28249	FTCD Q49AR5	RHOD E9PIG5
28250	HLA-DR15 G0WVD3	HLA-C G1EMS2
28251	RRAGC Q9HB90	PCDH18 D6RIG4
28252	MBNL3 B1AKI2	MOCOS Q96EN8
28253	ZNF460 Q14592	CYTB A6YY11
28254	PFKFB1 Q4VBA8	USP54 X6RH50
28255	TBX3 A0A024RBQ4	COX1 H9LP88
28256	HEL-S-125m V9HWP2	HLA-B E2D5P9
28257	SCN7A Q01118	FTSJ1 Q9UET6
28258	HLA-G R9WWD4	KCNJ5 Q4QRJ2
28259	MORC1 Q86VD1	SGK3 Q96BR1
28260	KIF3B O15066	SLC6A6 H7C1B9
28261	COX3 B3DE35	MN1 Q10571
28262	GRN P28799	SLC6A7 E5RJL1
28263	HLA-C F6IQL7	DOCK7 A4FU72
28264	ND3 X5CF60	ND4L F2WG60
28265	HLA-C U5YCC8	SLC9A4 Q6AI14
28266	AIP C8CK05	HLA-C U5YCC8
28267	HLA-A D7NNN1	ATP6 Q15IZ5
28268	TSR1 Q2NL82	OR10Z1 Q8NGY1
28269	FLJ00253 Q8TEE4	ACOX3 O15254
28270	GABRA2 D6RCS5	CANT1 K7EN15
28271	HBD B2M1S8	EDG5 A0A024R7B2
28272	MREG C9JFU1	SUN1 O94901
28273	DKFZp686F20131 Q6AHX7	ND5 C9D515
28274	AGMAT A0A024QZ78	SKI2W O76046
28275	CCT8L1P A6NM43	ZNF160 M0QZ49
28276	GUCY2D Q02846	CHTF8 J3KSJ7
28277	RHCE P18577	HLA-B F4NBP3
28278	ITGB2 E5RK54	TMEM41A Q96HV5
28279	RFX2 K7EIN5	RBFA Q8N0V3
28280	SUCLG2 A0A024R325	TM7SF2 E9PS09
28281	LIN28B A7E2T3	FLG I0B0K4
28282	DENND5A Q6IQ26	RPE65 C7FEP0
28283	nma Q9NXZ6	PSRC1 A0A024R099
28284	PRNP B4DEX5	TAL2 Q16559
28285	HLF Q16534	VIPR1 C9JDT8
28286	CYTB A0A0A0PT68	VAR52 A0A0A0MTG1
28287	FAM83D Q9H4H8	CHMP2A O43633
28288	PRDM7_V2 A4Q9G9	hCG_1996054 D3DV69

28289 ZNF175|Q9Y473 CYTB|Q6RN86
28290 NYAP1|C9JS30 STIM2|H0Y860
28291 SERPINC1|Q8TCE1 NSUN6|Q8TEA1
28292 PBEF1|A0A024R718 MDR3|I7D7J2
28293 ND1|A0A059QRV9 OR4C46|A6NHA9
28294 DKFZp686E17257|Q68D44 HLA-B|I0LEY6
28295 TRIM58|Q8NG06 MARVELD2|A1BQX2
28296 CNOT2|H0YI11 COX2|E9P659
28297 SULF1|Q6NUJ9 TARSL2|B7ZLP8
28298 STIM1|E9PRE4 ND6|Q5XRI0
28299 CSGALNACT2|Q8N6G5 GLIS3|F8WEV9
28300 FGFR1|E9PN14 PHKG2|A0A024QZE8
28301 HSP90AA1|Q96HX7 COX1|A0A059RZ56
28302 COX3|L7XNA1 SERPINH1|A0A024R5K8
28303 SSBP4|U3KQP2 PQLC2|Q6ZP29
28304 LIMK2|B5BU33 NRP1|Q9H2E1
28305 SNAP91|E5RK53 CERK|Q8TCT0
28306 RETSAT|H7BZ16 ZMAT1|A7MD47
28307 SALL2|H0YFS7 FAP|Q12884
28308 FCER1G|P30273 GNB1L|Q9BYB4
28309 RPH3A|F8VV58 EHD4|Q9H223
28310 HLA-A|D6ML21 MC1R|V9QCQ4
28311 ATP6|A0A068BQR7 CYTB|W0K8R4
28312 FYB|Q05DE9 RBM39|Q5QP22
28313 HIPK1|A0A024R0H9 NELFB|Q8WX92
28314 ND5|B2XIC7 ATP6|A0A097QCA4
28315 PHC3|Q8NDX5 DNAH17|Q9UFH2
28316 CCND1|Q6FI00 COX1|A0A023I8E0
28317 ABCC3|Q86VN9 RPS3A|A8K4W0
28318 NAPRT|C9J8U2 EIF5A2|C9J4W5
28319 MRPL51|M0R176 POLD4|Q9HCU8
28320 SYPL1|H7C4J8 BAIAP2|I3L3C5
28321 ZNF708|P17019 ATP6|H9T335
28322 FBX040|Q9UH90 ZNF804A|Q7Z570
28323 KIF4A|Q6PKB2 RFC2|P35250
28324 WNK4|Q96J92 IFN- α |Q16054
28325 TH|P07101 DDX12P|Q92771
28326 DAP3|V9GYL9 HLA-B|F4YU42
28327 ATP7B|Q17RT3 ABHD4|Q8TB40
28328 PRSS3|Q8N2U3 FOXJ3|H7C1Y6
28329 HLA-DRB1|C1JJ53 CYTB|Q6RKY0
28330 CYTB|A0A023R019 CD6|Q8WWJ5
28331 RPL7A|P62424 MRPL1|A0PJ79
28332 DARC|W0XA83 RFX2|K7EJD4
28333 ZNF628|A0A087WSX5 SMOC2|Q9H3U7
28334 CYP3A4|P08684 CXXC5|Q7LFL8
28335 XPA|P23025 SUPV3L1|Q8IYB8
28336 H6PD|R4GMU1 TIMP2|P16035
28337 SUN5|Q8TC36 HLA-C|A0A0A7C6C2
28338 CAPN1|E9PIA9 AIP|O00170
28339 FCH01|M0R2J7 ZMYND8|H7C4X9
28340 HLA-A|E2GJD4 COI|Q4GIJ5
28341 HLA-B|M9P9C4 COX2|Q9B2U8
28342 MIDN|Q504T8 ND5|Q7YEG8
28343 PFKFB4|C9JJ23 SEC24C|G5EA31
28344 CALB1|P05937 CYP3A43|Q495Y0
28345 CANX|D6RGY2 HRC|Q2M1I0
28346 SLC28A3|Q9HAS3 COI|A1XP63
28347 HLA-DPB1|A0A0A7C5K1 PLEKHF1|Q96S99
28348 OLFML2A|Q68BL7 Hosa(Biaka)-T2R40|Q50KK5
28349 FOXN3|H0YJ22 ZNF224|K7EL24
28350 PAR14|A8E0G8 ZNF322|Q6U7Q0
28351 NOX5|A3QRJ0 EXOC5|O00471
28352 TBC1D26|Q86UD7 COMMD3|Q9UBI1
28353 SAMSNI|Q9NSI8 GRB7|Q14451
28354 B3GNT6|E9PJ79 CSNK1E|B0QY34
28355 HIBCH|B8ZZZ0 HLA-C|V5LKW4
28356 SEC61A1|C9JXC6 HLA-C|D6MKU4

28357 NAP1L1|F8W020 GPX6|A0A087X0K3
 28358 ND2|A7LE21 LRSAM1|A0A024R870
 28359 DERA|E9PPK3 ATP2C1|H0Y8X9
 28360 SMYD3|Q9H7B4 COX3|E5E1D5
 28361 RPS6KA5|G3V2D1 RPL6|A0A024RBK3
 28362 GMPPA|C9J255 FHL3|Q9P100
 28363 COL18A1|H7BXV5 UXT|Q9UBK9
 28364 CDK11A|Q9UQ88 RALGDS|Q5T7U6
 28365 ATP6|A0A059QIY9 MYO10|A0A0A0MQX1
 28366 ST6GAL2|H7BY52 SHC1|Q5T187
 28367 THUMPD3|H7C0R6 BCAP29|F8WDG1
 28368 CBWD5|Q5RIA9 CTSA|U3KQ41
 28369 PSPC1|X6RDA4 CXCL10|P02778
 28370 POLR2D|E9PB93 CROCC|A1L0S9
 28371 HLA-G|G0T3C4 PCNA|P12004
 28372 ND4|A0A023QHD1 HLA-DQB1|L0BW20
 28373 APOC3|C9J2Q0 cytb|Q4GNK3
 28374 HIGD1A|Q9Y241 LRRCA8|Q8IWT6
 28375 PDPK1|H3BQ10 CLDN10|Q5W075
 28376 NIPBL|A2RRA7 ARPC3|F8VR50
 28377 MTHFS|Q96EE9 EIF4G3|O43432
 28378 NIPAL3|A6NN97 PROS1|Q7KYZ1
 28379 BASP1|P80723 PIDD1|H0YE55
 28380 MAP3K9|G3V4P9 PNCK|Q6P2M8
 28381 RBM5|A0A024R2U6 ND2|B8XYF4
 28382 CDKN1B|Q708J1 MPP1|Q00013
 28383 NAB2|Q15742 GPR174|Q9BXC1
 28384 NCAM1|A0A087WTR3 HLA-G|Q6B9Y5
 28385 ARID4A|P29374 DOCK2|E5RFJ0
 28386 HLA-C|A0A0A7C4V7 ATP6|V9M6K4
 28387 ZNF720|F8WER7 SYBU|E9PQG2
 28388 BIN1|A0A024RAI5 ERLIN1|B0QZ43
 28389 DOK1|Q99704 TOMM34|Q15785
 28390 ZFAND3|Q9H8U3 COIII|Q4GC16
 28391 ITPR2|I1VE21 SYNPR|C9J0A2
 28392 POLR2J3|A0A0B4J2F8 GPR177|Q96IV8
 28393 PRCP|E9PR42 RIMBP3|Q9UFD9
 28394 SLC25A10|I3L1E8 ACTL6A|D3DNS0
 28395 TSC22D3|Q99576 CPSF1|D3DWL9
 28396 FOXE3|A0A0B5ISY2 ACHE|F8WD68
 28397 CAP1|Q5T0R7 METTL5|H7C0M7
 28398 FLJ00322|Q6ZMK5 CCK|P06307
 28399 GARNL3|C9J8L5 UBD|O15205
 28400 TMD2|Q4G0W6 MGRG2|W8W3P5
 28401 TARBP2|F8VYK6 ABCD4|E9PI46
 28402 TLR-4|D0EWT9 HOXA5|Q6FG31
 28403 TRIM5|Q05CU3 ZFAND2A|Q8N6M9
 28404 RNF133|Q8WVZ7 PRR11|Q96HE9
 28405 ATP8|A1DV59 MTHFD1L|Q5JYA8
 28406 DMRT3|Q9NQL9 OGT|Q548W1
 28407 HSP90AA1|G3V2J8 FSHPRH1|A0A024RCG4
 28408 CCBP2|Q7Z7I1 TAS2R38|I0CKB5
 28409 XPC|D2CPJ5 RPF2|Q9H7B2
 28410 UTY|F4MHP6 CNOT8|E5RHD6
 28411 IPPK|X6R9A6 UPF2|Q9HAU5
 28412 IGFBP5|A0A024R433 ND2|F2WET5
 28413 PROK2|Q9HC23 ZFYVE19|H3BRF9
 28414 SRPK2|C9JWF7 PTPRC|Q6QIN1
 28415 LARP7|D6RFF0 CDH10|X5DNG6
 28416 SLC35A2|Q6ICV6 FBX032|A0A024R9F3
 28417 DKFZp434B2119|Q9NT50 WEE1|E9PQ51
 28418 CYTB|Q5SAW0 PCDHGC3|Q9BR81
 28419 RAB19|C9JJQ5 HLA-C|C0KJZ4
 28420 EVC|E9PCN4 OR6C4|Q8NGE1
 28421 COX2|L7XQ86 BRF2|Q9HAW0
 28422 ROCK2|Q14DU5 DBNL|F2Z3E3
 28423 ZNF275|Q9NSD4 ERBB2|B4DTR1
 28424 IKZF5|Q9H5V7 IFNL1|Q8IU54

28425 ND3|G9LBX3 DVL1|Q6PJD6
 28426 FMN2|A0A0A0MTF8 PRPF38B|Q5VTL8
 28427 ATP6|H9S0I6 PKD2L2|Q9NZM6
 28428 NTNG2|Q96CW9 STX16|O14662
 28429 SLC3A2|P08195 HLA-C|H6A2F1
 28430 GLRX|A0A024RAM2 TRMU|Q2PPL5
 28431 KLC1|B5BU63 RPL23A|K7ERT8
 28432 HDAC2|E5RG37 BACE1|P56817
 28433 HLA-C|S5DN70 DNAJC11|Q9NVH1
 28434 B4GALT1|P15291 KIF2B|Q8N4N8
 28435 HLA-DPB1|G3CCE6 PRKACB|B1APG2
 28436 ZFAND6|Q6FIF0 HEL-S-30|V9HWB8
 28437 MADH5|Q6I9T1 TOMM40|A0A024R0P9
 28438 C2orf33|A0A024R491 ZNF793|K7EN11
 28439 HLA-A|D6MKZ1 APEX1|G3V3C7
 28440 ND3|A0A059RQU9 MBP|E9PSE2
 28441 ND4|A0A096WE11 AAGAB|Q6PD74
 28442 PRDX1|Q06830 ATP6|B2XG09
 28443 SPANXB1|Q9NS25 HLA-B|U5IS92
 28444 TRIM73|J3KQW6 PNPLA8|A0A0C4DG51
 28445 DKFZp686I18166|Q6MZL0 GSK3B|P49841
 28446 PHF7|A0A024R336 SUHW4|A0A024R5W1
 28447 CAMK2G|Q13555 ATP6V0D2|Q8N8Y2
 28448 PCCB|E9PEC3 STAT2|R9QFC5
 28449 ADRBK1|P25098 TOM1L1|I3L1Q1
 28450 GADD45G|Q5VZ88 HLA-C|A0A0A7C9S6
 28451 AQP7|Q5T5L3 SFXN1|D6RFI0
 28452 CYTB|I3Q7M1 RHCE|P18577
 28453 KRT35|C4AM86 ND5|Q4EZP4
 28454 RGPD5|Q99666 TCF7L2|E2GH26
 28455 SCAMP4|C9JWM2 BCL2L10|Q9HD36
 28456 ADAM17|Q53RS1 OR10K2|Q6IF99
 28457 AP1M1|K7ER75 HLA-Cw|Q2L4E9
 28458 MPND|Q8N594 ZNF263|I3L0N0
 28459 PPARGC1B|Q86YN6 ND5|H9PBJ4
 28460 ZNF189|O75820 C9orf75|Q86WR5
 28461 LM03|A0A024RAX3 RNaseK|A0A060KS66
 28462 FBL|M0R2U2 APOL1|A0A024R1Q4
 28463 HLA-C|C0KJV3 SNW1|Q6I9S2
 28464 LGMN|Q53XC6 P2RY4|C6G7W4
 28465 HLA-C|I6NWM3 HIST1H2BK|A0A024RCL8
 28466 RPS6KA3|Q8TDJ4 ZNF658|B9EH69
 28467 ZNF419|Q96HQ0 HSD17B4|E7ET17
 28468 GPS1|J3QLE8 COX1|H9T3W8
 28469 DHCR7|A0A024R5F7 COX3|R9Y6C9
 28470 SIX6|Q6P051 FHOD3|Q2V2M9
 28471 NTS|G3V1X6 KLHL32|Q5THT1
 28472 TEX40|Q9NTU4 PIK3C2A|E9PPP3
 28473 HLA-DRB1|A0A0A7C3C4 HLA|I3TB88
 28474 FLJ21901|D3DPC4 AGA|P20933
 28475 HLA-C|F6KS15 GBA|P04062
 28476 HP|Q6NSB4 MED14|U4PZJ2
 28477 RGS9|Q4G1B2 HLA-DRB1|U5IRI6
 28478 NDRG1|E5RH82 MTA2|O94776
 28479 SLC15A5|A6NIM6 TTLL7|A0A087X234
 28480 RFPL2|Q6NSX6 HLA-A|F4YU20
 28481 BTK|Q3MS91 CYP8B1|Q9UNU6
 28482 COX1|G5D8N1 FEM1C|Q96JP0
 28483 ND3|A0A059RBC5 EIF3K|Q9UBQ5
 28484 POMC|K7R2J5 TMPRSS2|Q96T73
 28485 PTDSS1|P48651 NDUFS4|O43181
 28486 APOL1|U5LI90 ND5|A0A096WPE3
 28487 MUC2|Q02817 POLD1|M0QXQ2
 28488 ATP6V1D|G3V2V6 HLA-C|U5ISA2
 28489 ADSSL1|Q8N142 SLC2A3|P11169
 28490 SLC35F3|Q8IY50 SLC52A2|E9PPS0
 28491 PTDSS2|A0A024RC97 C1QA|A0A024RAG6
 28492 LM03|Q8TAP4 HMOX1|F2YMD9

28493	RBM5 A0A024R2U6	RSG1 Q9BU20
28494	AIP B7SBB1	COII B1W855
28495	ND3 V9IWL9	LCP1 P13796
28496	ZWINT A0A024QZN5	ZNF645 Q8N7E2
28497	USP33 Q8TEY7	PIGY Q3MUY2
28498	ZNF474 Q6S9Z5	MRPS29 E2JL21
28499	NECAP1 Q8NC96	HLA-DPB1 A0A0A7C8B1
28500	POLR1C D6RDJ3	LM03 F5H4K9
28501	COX1 A1DTW0	PAK1 H0YCG5
28502	ND1 A0A097PZK0	IZUM02 Q6UXV1
28503	HLA-C K7P5N0	ND6 A0A059S6I0
28504	FGFR10P O95684	HLA-C G3DR71
28505	VDAC2 P45880	HLA-B Q95HL7
28506	PCK2 A0A0A0MS74	EML2 C9JRL6
28507	CARS A8MVQ3	TUBA1A F8VQQ4
28508	MT-CO3 P00414	HLA-C D7NP17
28509	SLC2A4 I3L2R4	RBFOX1 X5D7T5
28510	ASXL1 H0YJC9	ATP6V0A1 K7ELZ6
28511	ZNF239 Q16600	HLA-C G1ENT3
28512	ND5 A0A023Q7H6	THRSP Q92748
28513	ND6 A0A059RIA0	PPIH C9JQD4
28514	ALOX12 P18054	CFHR4 Q92496
28515	ND1 E7CPG6	ND4 B3GRN7
28516	CYP2D6 Q38LG0	HLA-DPB1 S4T728
28517	DKFZp686D0345 Q5HCI0	FLT4 E9PD35
28518	ND6 A0A0A0PWY2	ND3 G9LL08
28519	COLQ Q9Y215	HLA-C Q5C9P9
28520	ATP6V1A P38606	ND1 Q85L02
28521	RPH3A F8VV58	TMC01 Q9UM00
28522	SOX13 H0YDQ5	DNM3 H0YBC6
28523	RPL3 B4DN06	cox2 X2D4E2
28524	ING5 Q8WYH8	PLCL1 H3BUD4
28525	TP53 L0EQV3	HLA-C D2DKK4
28526	PDE4B X5DR82	AQP9 O43315
28527	CYTB A9UJA1	HLA-C A0A0A7C4R4
28528	BACE Q76KP0	HLA-G R9WXB4
28529	ATP8 Q8HNP6	HLA-G Q6B9Y3
28530	ZNF Q15934	CIA01 B2RDJ6
28531	OTX2 F1T0C9	CACNA1E Q9NYZ6
28532	HLA-B C8CH91	HEXA G3XL82
28533	HLA-G Q95391	RPL23 C9JD32
28534	ATP6 U5L326	GIN52 Q9Y248
28535	SRGAP2 B7ZM87	DARS Q53T60
28536	DYNC1I1 A0A0A0MTG2	MRPS12 A0A024R0H2
28537	ND1 A0A059QV06	LTBP4 A0A0C4DH07
28538	TEN1 K7EL09	NPSR1 B7ZMA2
28539	PEMT Q9UBM1	HLA-DPB1 A0A0A7C8F1
28540	PPP1R12B O60237	UTX E1U0S7
28541	C3orf58 Q8NDZ4	RPP25 Q9BUL9
28542	NRP1 E7EX60	COX1 L7XVQ8
28543	SHFM1 P60896	PLCZ1 Q86YW0
28544	TCEAL4 Q96EI5	GSTA4 O15217
28545	APC P25054	HLA-C U5YF31
28546	VPS36 Q86VN1	ZNF609 O15014
28547	CYP4B1 Q8IZB0	NOM03 Q1LZN2
28548	PPM1A E9PJN3	POLD2 A0A087WWF6
28549	ARF3 F5H0C7	ND5 Q7YEG3
28550	MFNG A9UJQ1	RNF7 Q9UBF6
28551	ADRB3 B8X6N0	FAM86C1 Q9NVL1
28552	HDM2 I6TMU1	GALNT15 A0A090N7Y5
28553	RHD G8YY11	SLC16A7 F8W1M4
28554	CYP19A1 Q45RG7	ACP6 X5D289
28555	PDE8B Q3ZCW6	ZBBX C9JVV2
28556	NAT2 A4Z737	ITIH2 P19823
28557	HLA-B Q29637	ABHD5 C9JBM3
28558	MRM3 I3L443	HLA-B D5FHU5
28559	NEGR1 Q7Z3B1	TCF20 W5ZR30
28560	ND4 Q1ZY32	ATP6 H9LMM2

28561 MYCBP|Q99417 CASK|Q5JS74
 28562 ZNF248|Q8NDW4 ZNF394|Q53GI3
 28563 COX1|A0A059RQC1 TGM4|B4YUQ1
 28564 CLNS1A|E9PMI6 CIAO1|B2RDJ6
 28565 PIK3CG|P48736 HLA-A|L0BXN1
 28566 NFIB|Q5VW30 HBB|A1YZ08
 28567 CACNB4|E7DBM8 SLC4A10|Q6U841
 28568 PIK3C2G|O75747 LDHA|F5GXY2
 28569 ATP6|D6R7T3 ND4L|G3CA54
 28570 NCAM1|A0A0C4DGS4 ENOPH1|A0A0C4DGY8
 28571 NT5C1B|Q96P26 SERPINB2|E7ERB5
 28572 CPVL|A0A024RA40 OSBPL8|F8VUA7
 28573 ND5|H9MQS6 ND2|L7YLF7
 28574 Hosa(Japanese)-T2R10|Q50KS3 FHIT|Q0MQR8
 28575 COX1|E5DYE1 LHCGR|P22888
 28576 SLC25A22|K4DIA8 MRPL4|A0A024R7C5
 28577 HLA-C|C9E865 CFDP1|Q9UEE9
 28578 HLA-B|F2VP74 CYTB|V9J8W8
 28579 GBP3|Q9H0R5 GATAD2A|A0A024R7M6
 28580 CHRNB1|I3L3Q9 TDRD7|Q8NHU6
 28581 TBC1D3F|A6NER0 KLC1|G3V3H3
 28582 MIER3|Q7Z3K6 CYTB|A0A059RTS0
 28583 CFB|P00751 TCEB3|A0A024RAC6
 28584 MRPS16|Q9Y3D3 PTP4A1|B5BU78
 28585 RBM14-RBM4|A0A0A6YYI9 ASPDH|M0QYD4
 28586 MAPT|P10636 CECR1|B4E3Q4
 28587 NOSIP|M0QX85 HLA-C|D6MKV1
 28588 MGAT1|P26572 MUM1|K7EP97
 28589 RBM5|F8W910 APTX|E7EV7
 28590 SRSF4|Q08170 ND5|A0A096WAC6
 28591 HLA-C|A0A0A7C654 KLK5|Q9Y337
 28592 IGBP1|P78318 RTE1|R4IXY3
 28593 DIO2|G3V3A8 RPS2|Q6IPX5
 28594 ND4|R9Y2B9 NCL|A0A024R4A0
 28595 ESX1|A6ZIT4 HLA-DRB1|D7RII0
 28596 PAFAH1B1|P43034 ND1|F2WG52
 28597 LAMC3|Q9Y6N6 SLC14A1|F6L6G8
 28598 HLA-A|X5MFE4 PRMT5|H7BZ44
 28599 TP53|L0ES92 DKFZp566H1924|Q9UFM8
 28600 ATP6|A1Z519 MADCAM1|Q13477
 28601 ACSL1|E7EPM6 MMP7|A5GZ72
 28602 POLA2|Q14181 RNF185|Q96GF1
 28603 OR7A10|O76100 ND6|A0A023QQE5
 28604 POLR2E|A0A087WWX0 ABAT|H3BPW8
 28605 ND4|A4ZL22 FBX03|Q9UK99
 28606 ND5|A0A0B6C660 PIK3C2G|B7ZLY6
 28607 ATP6|D7P9D3 ZNF780B|Q9Y6R6
 28608 CCR2|P41597 FADD|Q6LCB0
 28609 APOL1|U5LIC5 ND5|Q15HE6
 28610 LOR|Q6FHY3 AP4M1|H0Y6K1
 28611 CENPN|H3BRU7 CTTN|H0YEV2
 28612 MYC|B3CJ88 PKM|B4DNK4
 28613 ND1|E5DY61 MYC|B3CJB3
 28614 CYTB|A0A068C5L0 TMEM18|Q96B42
 28615 ADPRH|P54922 HLA-A|Q95J07
 28616 LAMA2|P24043 FLNB|O75369
 28617 ND5|B8YQJ5 HLA-B|C7E537
 28618 INPP1|E7EUX4 ABAT|H3BRJ1
 28619 ZNF345|E9PLT7 SF3B5|Q9BWJ5
 28620 ND3|A0A059QG38 COX2|E2JFC4
 28621 ADAMTS1|H7C206 ZNF85|M0R1W3
 28622 FBX032|A0A024R9F3 COX1|G3CA48
 28623 AANAT|Q9GZS4 RPUSD1|H3BQN8
 28624 PTPRC|M9MMK9 TBX22|Q9Y458
 28625 XPO5|Q9HAV4 COX2|G4W3U1
 28626 HLA-C|E0WBR1 RGS11|Q8IWC5
 28627 EXOSC5|Q9NQT4 MMSADHA|O43573
 28628 GPRASP2|Q96D09 ERBB3|F8VYK4

28629 H6PD|095479 KCNJ13|C9JWD6
28630 HLA-C|U5YC75 AKAP7|Q9P0M2
28631 ND2|H9E7A3 C1GALT1C1|Q96EU7
28632 MEF2B|C9J4J4 TCF3|Q6PJU3
28633 SLC14A1|A0A068WAZ5 SCN2A2|D3DPB6
28634 CTDP1|K7EJD2 CACNA1C|F5H0X0
28635 INSIG1|O15503 ND6|A0A023I7W4
28636 HLA-C|C9WER3 RAB40C|Q96S21
28637 FGR|P09769 HMGNS|Q5JSL0
28638 DPH1|K7EQQ6 IDH3B|A0A087WZN1
28639 RAC2|B1AH80 FOXJ3|Q9UPW0
28640 HLA-B|D5FWA0 TXNL1|K7EPB7
28641 ZNF264|M0QZT5 HLA-C|G1EMS4
28642 HLA-C|G3D6H2 ACTR3C|Q9C0K3
28643 HLA-B|F2X5U0 TMEM127|C9J4H2
28644 HLA-B|M5EFF8 ATP13A2|H0Y8I1
28645 RPS9|C9JM19 HLA-G|B5LFX8
28646 YME1L1|R4GNA5 LYG2|C9J4J0
28647 HLA-A|U5YMI4 UGT1A7|Q5K672
28648 SIX3|O95343 SRPK1|A0A024RCU9
28649 PGCP|A0A024R9B8 HLA-C|M9PAB8
28650 HLA-DR15|G1EMW8 ND1|H9SR57
28651 PTMS|P20962 PHYKPL|D6RAR0
28652 HLA-B|H9BQ84 ZNF324B|M0R0B1
28653 LRRC41|Q15345 HLA-C|Q700Z6
28654 TSC22D1|H7C4J9 SNX17|Q15036
28655 EXD2|Q9NVH0 FLNA|Q6NXF2
28656 RAD17|O75943 PIP4K2B|A0A087WT35
28657 CDH8|P55286 GDF5|D3YRA6
28658 HAUS7|Q99871 DKFZp686L24211|Q68D78
28659 HLA-DQB1|A0A090KKE5 NADSYN1|H0YCQ6
28660 TMEM107|Q6UX40 ND3|F2WIK4
28661 EBF4|Q7Z5T1 COX1|C5MMW9
28662 ND6|H9SBJ6 KIF15|D6RCT7
28663 HLA-C|C9E867 SF3B4|Q15427
28664 RALGAPA1|H0YJB5 SRGAP2B|P0DMP2
28665 TRIM22|H7BZD3 cytb|B2XJP6
28666 IRF7|E9PIA7 HNRNP1|D6R9T0
28667 ASB15|Q8WVK1 WARS|G3V2F2
28668 ENY2|Q9NPA8 PLEC|E9PIA2
28669 CD300LB|A8K4G0 PCBP2|F8VTZ0
28670 LONP1|K7EJE8 ICA1L|F8WBK1
28671 IST1|H3BQF7 CCR5|B0EX00
28672 PPM1F|B5MCT7 ANXA3|P12429
28673 MC1R|Q1JUM2 NTAN1|A0A087X0T5
28674 CAP1|Q5T0R1 OPRM1|E7EW71
28675 HEXIM2|K7EIM4 ZNF570|K7EP64
28676 APOA5|Q6Q788 DNPEP|E7EPX3
28677 EIF3C|B4DVQ5 ST3GAL1|E5RHHV6
28678 RABL3|F8WAX9 ND4|R9Y2B9
28679 SF3A2|Q15428 SMARCE1|J3QR61
28680 AGPAT3|C9JL26 ZNF155|K7ELA0
28681 ND6|A6YZJ2 CNTFR|Q5T8H6
28682 AK7|Q96M32 NFATC3|Q12968
28683 MNAT1|A0A024R688 ATP6|E5E0Q0
28684 MYL4|P12829 HLA-A|A9QVM4
28685 ND4|A0A059RTX8 SLC35E3|Q7Z769
28686 ACACA|Q59FY4 PIGN|K7EMD7
28687 HBG1|D3GKD8 CEACAM8|P31997
28688 GTF2A1L|F8WE56 ERCC1|K7ES46
28689 TLK2|D3DU05 JAKMIP2|Q96AA8
28690 CACNB4|C9J224 ABCC6|O95255
28691 SLC26A6|G3XAC1 OR51M1|B2RNI9
28692 HLA-DQB1|A0A0A7C9Y8 CACNA1E|F8W9Z1
28693 TOM1L1|I3L1Q1 MIB2|E9PD12
28694 ESR1|C8CJL1 HLA-C|K7P502
28695 ND1|H9QPP5 ORC4L|Q53TH5
28696 KDELC1|Q6UW63 OR2AJ1|Q8NGZ0

28697	BMP6 A4FU96	THRB W6JGS6
28698	RHOA C9JNR4	TOP3B C9JKE2
28699	STOM A0A024R882	CYTB T1STS8
28700	TRPM2 B4DVI8	CLSTN1 094985
28701	PTTG1 Q6IAL9	DTNA K7ER73
28702	KCNQ3 043525	TSPY8 A6NDJ3
28703	CYTB B2ZUL3	HLA-A E0WBW7
28704	RBM19 H0YIL2	HSD17B11 Q8NBQ5
28705	MAT2A B4DEX8	COX2 B5M7M0
28706	ZNF780A A0A075B796	TUBB3 G3V2R8
28707	C1orf177 Q3ZCV2	SQSTM1 E7EMC7
28708	ZGPAT Q8N5A5	POLB H0YBX1
28709	PAX8 A0A024R4X8	UTY E1U0S4
28710	HLA-C G1EQI2	HLA-C I6NWM3
28711	CCDC87 Q9NVE4	ATP7B G1FFE8
28712	TIMM10 P62072	COX1 G3C9Y3
28713	IP04 Q8TEX9	ANKRA2 Q9H9E1
28714	MAP4K1 Q92918	PHTF2 Q8N3S3
28715	CDK3 Q00526	HYAL1 A0A024R2X3
28716	ND4 Q6VL53	PLG Q5TEH5
28717	JKAMP Q9P055	NCEH1 Q6PIU2
28718	HLA-A A0A0A7C3R8	CLEC17A Q6ZS10
28719	ND4 D5K6X9	HLA-B C0KLQ0
28720	DHRS4L2 H0YKN3	RHD G8YY12
28721	ZNF626 M0QY39	ND6 H9QLS9
28722	AKAP7 Q2TAJ5	NPTN Q9Y639
28723	HLA-B G1EMP0	CYTB A4ZYF4
28724	TRPS1 E5RJ97	CHRM2 Q6SL56
28725	cytb Q4GJV3	CIB1 Q99828
28726	PUS7L F8VW99	IL3 Q6NZ79
28727	IFNAR1 P17181	TRAIP Q9BWF2
28728	DOK3 D6RC22	TSHR Q59GA2
28729	COX3 F1CIL3	PPIC P45877
28730	EBF4 E9PEI2	CARD6 A0A0B4J1T5
28731	HEL-S-71 V9HW41	HLA-B A0A0A7C7N6
28732	CCDC110 Q8TBZ0	PSEN1 Q6F4C0
28733	HLA-C K7P5I1	HLA-C Q14QQ1
28734	ND1 E5E0I0	HIPK3 Q9H422
28735	DNAJC6 075061	ITGB1 E9PQJ2
28736	ND5 W0C6Q7	PAFAH2 Q5SY01
28737	HLA-A G1EPG5	UROS Q5T3L7
28738	hCG_2044796 A0A024R4W7	HBA1 E1B2D1
28739	ANXA2 H0YN28	CDHR3 E9PEI5
28740	COX3 Q4EWP5	ND5 H9RCL3
28741	SPATA5 Q8NB90	ZNF25 P17030
28742	PLA2 Q96RW8	RAP2B P61225
28743	CLTC K7EJJ5	HLA-B M5EDK8
28744	ZNF568 A2VDJ6	CRADD F5H7C2
28745	APOL1 U5LIH6	RNF214 Q8ND24
28746	IP04 H0YL92	RAB40B I3L178
28747	EGF P01133	RASAL2 Q9UJF2
28748	SLC39A8 A0A024RDG0	HLA-DQB1 A0A0A7C6K3
28749	PAPSS2 095340	ND5 D3YLI0
28750	NFIX K7ESG9	RPH3A F8VV58
28751	ESX1 A6ZIT6	RHD U5U2J9
28752	NFIA Q12857	ND4 H9E7M8
28753	ATP6 C8Y0Y2	PCMTD2 V9GZ41
28754	ADCK2 Q7Z695	HLA-DQB1 098213
28755	CYP4F11 F8W978	PRKRIR B4DS64
28756	TOM1L2 B7Z2U2	MTMR14 C9JR61
28757	DIAPH1 A0RZB7	TGFBR1 H0YHS4
28758	HLA-C S5DN70	ZNF415 Q09FC8
28759	HLA-DR15 D5FZP5	NEFM E7EMV2
28760	BCKDHB P21953	DQA1-0103 Q30062
28761	HKR1 K7EQG8	RBM47 B7ZLP7
28762	DCTD D6RAD7	HLA-B H9BQ86
28763	CUX1 Q13948	MSX1 E9KY19
28764	BRCA2 A0A068BDS2	HEL-S-11 V9HWE3

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 28766 ZNF257|M0R0N1 ZNF282|Q05BY5
 28767 CREBBP|B5A235 SLC45A2|A0A076YIB8
 28768 IL18BP|O95998 EGFR|Q147T7
 28769 RPL7A|P62424 IFIT2|P09913
 28770 ZNF695|F6W2C3 cytb|Q4GDB5
 28771 PTPN4|Q4ZG31 IL4I1|Q96RQ9
 28772 ADPGK|H3BR56 ZSCAN29|H3BMU4
 28773 SLC6A8|X5D7P6 PGF|Q53XY6
 28774 ABI2|F8WCD7 IL1RN|A0A024R528
 28775 SLC52A1|F5H5Y1 MAPK13|Q5R3E6
 28776 DGCR2|P98153 GPD1|A0A024R138
 28777 DKFZp547P162|Q8NDE0 AP3M2|E7ER80
 28778 ND5|Q8WCW1 NANOGP8|J7H745
 28779 AVPR1A|X5D2B0 SDSL|Q96GA7
 28780 MCFD2|Q8NI22 DNAJC9|Q8WXX5
 28781 SLC3A2|H0YFX4 HLA-A|F2X5Y0
 28782 ACVR2A|P27037 CTSB|E9PS78
 28783 RBM10|A0A0A0MR66 CYTH2|F8W8E2
 28784 HLA-C|D3U752 HLA-C|F2X625
 28785 POU6F1|Q3B832 H3F3A|B2R4P9
 28786 ACE|J3KS28 KRT5|H0YI76
 28787 ATP5B|P06576 HLA-C|S4TZI0
 28788 HEL-S-97n|V9HW63 ZDHHC17|H0YI74
 28789 IZUM01R|J3KNP7 ST8SIA6|P61647
 28790 ALDOA|H3BPS8 CCR5|A0A089G6S9
 28791 APOA2|V9GYE3 KRT1|H6VRF8
 28792 PROC1|Q8IXB5 DKFZp779G2251|Q7Z6E5
 28793 POLD4|Q9HCU8 REPIN1|Q9BWE0
 28794 SMC4|Q9NTJ3 SULT1C4|Q6PD90
 28795 ND3|A4ZN04 HMGB2|D6R9A6
 28796 PNMA1|Q8ND90 RENBP|A6NKZ2
 28797 HNF1a1pha|B8YNV0 HLA-A|Q0E7X7
 28798 HLA-DR15|G1EMX7 IP6K1|C9JNA8
 28799 PRDM9|I7AFR5 TRPM8|A0A0A0MSV2
 28800 DKFZp77900162|Q6AW80 USP44|F8VRW0
 28801 ATP6|W8D2P9 ND4|Q4EWT1
 28802 HLA-C|H9BYV3 CEP295NL|K7EL90
 28803 UQCRH|Q567R0 RBM12|Q5JX62
 28804 ZNF548|B4DR23 ND6|Q305V5
 28805 BIN1|A0A024RAF1 OR5I1|Q13606
 28806 HLA-A|D6MKY9 ICA1|A0A024RA29
 28807 ND3|A0A059RCC3 LPL|P06858
 28808 ATP6|H9T776 RFPL4A|A6NLU0
 28809 SPATA13|Q96N96 AK4|K4Q5R3
 28810 PRTN3|P24158 AP1AR|H0Y8Y4
 28811 SLC26A11|I3L2J9 HLA-DPB1|Q8SND2
 28812 DKFZp781F1414|Q68DN3 FGF14|Q92915
 28813 ST13|P50502 EE1A2|Q05639
 28814 SLC38A2|A0A024R0W3 RUVBL2|M0QXI6
 28815 UTY|F4MHC6 RHD|A5PHJ8
 28816 NRP2|Q96GU8 CYTB|A6YZL9
 28817 ZMYM3|Q14202 AP1M2|K7EJJ1
 28818 FIGNL1|Q6PIW4 POP7|C9JYM0
 28819 ZNF101|Q8IZC7 ZNF628|Q5EBL2
 28820 GCNT1|Q02742 SULT1A4|H3BNY7
 28821 JUN|P05412 HLA-C|K9L7R8
 28822 TPST2|B1AHJ7 TMEM234|Q8WY98
 28823 SAFB|B7ZLP5 ND4L|A7U418
 28824 HLA-B|M9VNH3 SLC1A2|A2A2U1
 28825 HOXA1|P49639 SLC3A1|A0A087X0R9
 28826 MC4R|P32245 HLA-C|X5JZ45
 28827 SLC9A9|F8WF83 IL13|Q4VB51
 28828 SMAD5|D6RIZ9 DCUN1D3|Q8IWE4
 28829 EIF3K|B4DQ48 INPP5J|Q15735
 28830 ECE2|H0Y5G8 FADS1|F5H852
 28831 RHOT1|H7BXZ6 KRT72|Q14CN4
 28832 OR14I1|A6ND48 DARC|G9G807

28833 ZNFX1|Q9P2E3 KYNUN|A8K4D5
 28834 ITGB2|E7EVZ9 KIAA1751|Q9C0B2
 28835 AIF1|P55008 ETF1|B7Z7P8
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 28839 SLIT3|O75094 ATP6|A0A096Y961
 28840 RHD|Q333X4 HLA-C|D6MKU1
 28841 HLA-B|Q70I17 MRPL22|E7ESL0
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 28843 HYLS1|Q96M11 OTX1|D6W5E5
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 28846 CDKL1|H0YE65 TP53|A4GW76
 28847 PPIG|C9JN15 RRAS2|P62070
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 28849 NAP1L3|Q8IYV1 C10orf76|Q5T2E6
 28850 HLA-A|K7WPD7 HLA-DQB1|Q7YQ08
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 28855 COQ6|Q9Y2Z9 KIF21A|H0YIM7
 28856 HLA-C|G1EMT3 SLC17A4|Q9Y2C5
 28857 HDAC1|Q6IT96 CYTB|A0A023I993
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 28859 ATP6|G4W1R5 DYRK1B|A0A024R0I0
 28860 TOM1|Q6UW50 ATXN3|D3VVQ9
 28861 COX2|A0A023QZ25 HLA-C|G9I2N5
 28862 DNCI1|A4D1I7 ANGPT1|E7ERK4
 28863 CYTB|H9QMJ0 METTL2B|Q6P1Q9
 28864 HLA-C|J7F4Z4 GCK|M4PPI9
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 28866 TREX1|Q9NSU2 NOX5|A0A0B4J289
 28867 HTR3D|Q70Z44 DPM1|O60762
 28868 HLA-DRB1|V9N379 DUSP6|Q16828
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 28870 HLA-DPB1|A0A0A7C9C2 CRYZL1|A6NHJ8
 28871 RPH3A|F8W1A3 ND5|H9STM5
 28872 F8|Q003W2 HLA-C|U5YF50
 28873 HLA-C|M9P9J7 RASD2|Q96D21
 28874 EXOSC8|Q96B26 HLA-C|D6MJK0
 28875 NDUFA5|A0A024R745 SLC4A11|Q8NBS3
 28876 HLA-C|M9P8L2 MAP2K7|D6W660
 28877 HLA-DPB1|A0A0A7C9P1 PAIP1|D6REB4
 28878 SLC17A6|Q9P2U8 TRIM65|Q6PJ69
 28879 PCDHGA4|A0A087WT05 DAZ4|E7ENA5
 28880 CNTNAP2|Q75MD4 SDIM1|Q6ZPB5
 28881 HLA-C|A0A0A7C970 HLA-B|Q5SS57
 28882 ELL3|Q9HB65 HLA-A|L7X986
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 28885 CLTCL1|A0A087WV74 ND2|A0A059RVC2
 28886 CAPS|Q13938 ALPP|P05187
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 28893 RPGRIP1L|A0A087WX34 NRBP1|Q9UHY1
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 28895 LIG3|K7EQB6 ATP6|B0Z6X9
 28896 PCDH15|A2A3E3 ATP9B|K7EII3
 28897 USP11|Q6P453 CYTB|H9PEI6
 28898 PRDM9|I6ZAW9 FKBP15|X6RKW4
 28899 FLJ00401|Q8NF03 ZIC4|Q8N9L1
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 28911 ABCA2|H0Y8E3 COX1|Q305V1
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 28913 PSMB6|P28072 ND5|A4ZM22
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 28919 GLIS3|Q1PHK2 hCG_1998531|A0A024QZ90
 28920 SHMT2|G3V2D2 CYTB|Q6VHB3
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 28922 ACSM2B|H3BM61 LYAR|Q9NX58
 28923 ATP6V1G1|A0A024R883 GPC3|Q53H15
 28924 EIF2S3|P41091 HLA-B|D4HP79
 28925 PDCD1LG2|Q9BQ51 VWA2|Q5GFL6
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 28927 CYTB|A0A023QBI1 COX1|B2XGN6
 28928 GLS|H7BZD1 NEU2|Q9Y3R4
 28929 HLA-A|A0A0A7C7M6 COX3|Q9B2W9
 28930 HLA-A|D6ML50 CYTB|I3Q3F2
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 28932 ND5|Q4EZ36 ND3|Q4F698
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 28934 SLC30A4|O14863 HLA-C|C6K4K1
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 28936 ND5|Q4EYP3 PLCG1|V9GY71
 28937 ADAM18|E5RK96 ARRB1|E9PM35
 28938 GGT1|E7ETU4 FAT4|X2GA64
 28939 ZNF287|Q9HBT7 CCL16|A0A087WUE5
 28940 C14orf159|Q7Z3D6 RPL30|E5RJH3
 28941 LARP7|Q4G0J3 GARS|P41250
 28942 ATP6|B2XQ41 HS3ST4|Q9Y661
 28943 ZC3H14|G3V256 EMP2|P54851
 28944 STON1|Q0VAG7 SEMA3C|Q99985
 28945 FBL|Q96BS4 BBS7|Q8IWZ6
 28946 WIPF2|J3QQS0 TBX20|C3RYR1
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 28948 RRP1|D6RE82 ACLY|A0A024R1T9
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 28954 EPC2|Q52LR7 ACSF3|Q4G176
 28955 IL5|P05113 AXIN1|O15169
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 28957 HLA-DQB1|U6EGH0 CRYBB3|P26998
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 28962 PCDHB12|Q9Y5F1 MYO1C|I3L4D4
 28963 SLC4A1|E2J829 TCIRG1|Q8TCH1
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 28968 HLA-DQB1|Q5Y7B5 H6PD|O95479

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28974	HAT1 O14929	ND5 R9Y599
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28976	UCN3 Q969E3	CEP152 H0YMG1
28977	GATB D6RGY4	pp9003 Q8WYT0
28978	KIF21A H0YIM7	ND1 Q0G892
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28980	PAWR Q96IZ0	PGM3 J3KN95
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28983	TBL1XR1 Q9BZK7	ADH1B P00325
28984	CYTB A0SAT9	GLTP A0A024RBI7
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29005	STAC2 D0IN09	ND4L A0A023QRB1
29006	ND1 Q0Z7G7	TSC2 H3BNT5
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 29076 HYAL2|Q5ZF00 ND5|E7BKC7
 29077 HLA-C|J7JWN0 PIPOX|K7EJU8
 29078 CYTB|A0A059RNL4 APEX1|G3V359
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 29087 ATP8|G9LIB9 CCR5|B8LFP0
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29111	ND2 V9M6P5	USP41 Q3LFD5
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29139	SRCAP G1UI29	OR52M1 Q8NGK5
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29146	BCOR Q6W2J9	RPL13 A8K4C8
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29180	CYTB R9Y0B8	CYTB R9Y643
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29189	ZSCAN5B K7ESD3	MDM2 Q9H4C2
29190	THY1 E9PIM6	HLA-C F6KS13
29191	MAP2K2 G5E9C7	FBX043 Q4G163
29192	ARFGEF3 Q5TH69	ATP2B1 Q58F24
29193	CNOT2 H0YI80	EMR1 Q14246
29194	TNRC18 O15417	ND4L A0A059RRR4
29195	ARSK H0Y9F6	RNPC2 E1P5S2
29196	RBL2 Q08999	WSCD1 Q658N2
29197	ZFAND3 A0A024RD12	SNX1 H0YKL5
29198	MAPK8 A6NF29	DGAT1 O75907
29199	PTPA A6PVN5	RALGPS2 Q86X27
29200	MBTD1 K7EQ11	HSPA8 E9PQQ4
29201	UBE2D3 D6RAH7	PCDH15 A0A087WTR6
29202	ZNF223 K7EQ32	SOX21 Q9Y651
29203	MATN2 A0A024R9B9	CFB H7C526
29204	OR51B5 Q9H339	PRSS53 Q2L4Q9
29205	PUM1 H0YEH2	PABPC1 H0YB75
29206	NOVA1 J3KQU3	RNMT O43148
29207	ND1 I3WRL6	SMAD2 Q53XR6
29208	HLA-B Q7YP20	DPYS H0YEV7
29209	ND4L A0A059RTB1	RAB1B Q9H0U4
29210	PGA5 F5GWT0	EIF4G1 B2RU06
29211	NAA40 Q86UY6	VRK2 Q86Y07
29212	COX1 A0A059RP89	ATG7 H7C2R3
29213	DIS3L E9PIL0	TBC1D3F A6NER0
29214	NEB Q86TG3	CYTB Q4F2Y6
29215	POSTN A0A024RDS2	MARCH6 D6RHY7
29216	CACNA1B E9PDR3	ISPD A4D126
29217	CTNND1 A0A024R4Z0	ND2 A0A059RLN6
29218	SCAND3 Q6R2W3	DPEP1 P16444
29219	HLA-Cw E2GJR4	CLUL1 R4GN76
29220	HLA-B F4NBZ6	HEL-S-162eP V9HVZ4
29221	ZNF131 D6RAT8	TRIT1 Q3T7C6
29222	HLA-C G1ENV1	ACSL6 Q9UKU0
29223	OR8B12 Q8NGG6	DYRK4 D3JEN1
29224	QRICH1 C9JAL2	ND4L A0A059QEH3
29225	ATG7 O95352	SCN3B A0A024R3H7
29226	NCALD E5RIZ1	YWHAZ E7ESK7
29227	ATP6 R9Y9A2	HBB O95408
29228	UTY F4MHP1	COX1 R4I9P2
29229	NCOR2 C9J330	ND5 F1AIH6
29230	BTAF1 O14981	WDPCP O95876
29231	WHSC1 O96028	PHF7 Q9BWX1
29232	LCMT1 I3L2Q8	PPP4C I3L4X0
29233	PPA2 D6R967	GDF1 P27539
29234	FKBP14 A0A090N7V8	GAPVD1 A0A024R862
29235	PTK7 H0Y8F1	DAOA A0A024RDZ4
29236	ND5 V9K141	RHCE A0A024RAE0
29237	HLA-DPB1 S4T728	EVX1 P49640
29238	HLX F8VWZ5	APLP2 Q06481
29239	PTGR1 Q14914	FBX027 Q8NI29
29240	UCHL1 D6R974	TEN1 Q86WV5

29241 TAZ|Q2VF39 PYCR2|Q96C36
 29242 DFFA|A0A024R4H5 FLNC|Q14315
 29243 OGDH|Q02218 HLA-DPB1|A0A0A7C5T4
 29244 ATP6|S4UQD8 ND2|Q6RRL1
 29245 ELOVL2|Q9NXB9 MT01|E7EWX0
 29246 DEC1|Q9P2X7 SCAP|Q12770
 29247 ALD|Q6TGM2 ATP6|E9P2Y5
 29248 CYTB|Q7YEH0 FBXW5|A0A024R8H7
 29249 SEC22L3|A0A024R2Q1 HLA-C|A0A0A7C7U6
 29250 UGT2B7|P16662 COX1|A0A059QPM6
 29251 PTPN22|E9PMT0 HLA-A|D6ML20
 29252 HLA-A|E2GJD3 HLA-B|A0A068B2J5
 29253 ENOSF1|J3QL99 AMPK|A0A0A0N0L1
 29254 POU2F2|B5ME60 HBB|Q3LR79
 29255 RPE|C9JCL8 SLC26A3|F8WBL6
 29256 TSC22D3|D6RAX8 CD74|E7EQJ3
 29257 WEE1|P30291 WHSC1|H0Y9U6
 29258 COI|B1W8A6 CYP1A1|A4F4K4
 29259 KIF5C|Q6PJC4 SIKE1|Q9BRV8
 29260 VPS33A|F5H6Y0 GFPT2|O94808
 29261 ALKBH7|M0QZI0 B4GALT4|C9J3R8
 29262 SMYD3|Q9H7B4 SPTBN4|A0A024R0N6
 29263 TOP1MT|H0YAR3 PPIG|E9PG73
 29264 ZNF763|Q0D2J5 EPB41|Q4VB87
 29265 MICAL3|C9J922 CNGB3|B9EK43
 29266 ATXN3|D3VVC6 HLA-C|H9BQ88
 29267 SCN5A|E9PG18 MYC|B3CJD7
 29268 ND1|E5FWK8 UBA1|Q5JRR9
 29269 IFT88|Q13099 ND1|F1B819
 29270 SLC6A18|Q9BYZ7 MTRR|H0Y8S9
 29271 DCC|J3QS93 ND2|D6BXZ9
 29272 HRH3|Q548M6 CROP|Q86Y74
 29273 PRKCE|Q02156 CCR5|A0A089G7J6
 29274 ZNF57|Q68EA5 PRKCE|E9PBI2
 29275 SPIDR|Q14159 USP32|K7EKZ1
 29276 ND5|W8DBU7 SCN1A|F8T7W7
 29277 CYTB|N0BLF8 RNASE9|P60153
 29278 CYP20A1|E9PHG5 COX1|H9E7E3
 29279 CYTB|I1E4L2 FCAMR|A0A0B4J1S2
 29280 NUDT13|A0A087X1G4 DYNC1I1|A0A0A0MTG2
 29281 DRD3|X5D2G4 F8|P00451
 29282 ZNF235|K7EL19 COX3|A6YW19
 29283 MTHFD1L|A0A087WVM4 KCNJ8|Q15842
 29284 RBM6|C9JSL1 ARIH1|Q9Y4X5
 29285 IL1R1|H7BZM5 CRYGA|P11844
 29286 HLA-A|D6ML53 HLA-G|Q68YS3
 29287 ND6|A0A023I8N0 ESRP1|E5RI26
 29288 CDC14B|O60729 ALG1|K7EPU3
 29289 KIAA1549L|Q6ZVL6 UHRF2|Q96PU4
 29290 TEF|Q10587 TNFSF9|P41273
 29291 HLA-C|D3U744 NR5A2|B6ZGU9
 29292 EMP3|M0R122 AKT2|C9JHS6
 29293 SF1|C9J792 SYT6|V9GYY7
 29294 ZNF609|O15014 CLEC2D|W8JD10
 29295 ECHDC1|H0YCS9 HLA-C|E2GJH5
 29296 RAP1B|F5H823 ATP6|I3Q644
 29297 COX2|E9LAG1 CHN2|B3VCG3
 29298 SETMAR|F8WEU1 HCR|A9XAA5
 29299 PCDHB2|Q4KMG6 TPO|Q16495
 29300 CYB|Q0ZFD6 RPL3|Q96QL0
 29301 ATP6|J7K441 ZKSCAN5|Q8N718
 29302 HLA-C|V5NRE4 PIGN|K7ENC3
 29303 HIST1H1E|P10412 MAP4|A0A024R2V0
 29304 HLA-DPB1|A0A0A7C9E0 DKFZp547L155|Q8ND22
 29305 ND3|W8CSR0 ATP11A|A0A087WVE8
 29306 UMOD|I3L1M3 ROB02|F8WBR3
 29307 H1F00|Q8IZA3 CYTB|A6ZC44
 29308 TSR3|Q9UJK0 FGFR1|C9J205

29309 MY09A|H3BSU8 PDE4B|Q07343
 29310 APOBEC3DE|B2CML4 HLA-A|F6IQV7
 29311 SVOP|Q8N4V2 CHN1|B8ZZ96
 29312 COX2|E5FWC0 ND5|G5D831
 29313 DHX29|A0A087WYN9 TTLL4|E9PH58
 29314 TK1|P04183 AP2B1|A0A087WU93
 29315 TCP10L|Q8TDR4 HLA-C|D7NP64
 29316 RAP1B|P61224 ND3|E9NK37
 29317 HLA-DRB1|F8RHJ6 BPIFB1|A2A2R0
 29318 HMGNI|H7BXJ5 EVPL|Q92817
 29319 HLA-DPB1|A0A0A7C6Y1 B3GNT5|C9J368
 29320 ND5|A0A059QUY8 TRIM3|O75382
 29321 PIK3R1|E5RGI8 ABCA8|A0A024R8L6
 29322 SNX13|B3KN60 HPCAL4|B4DGW9
 29323 CTSB|E9PQM1 CUTA|H0YDR4
 29324 HLA-C|M9P9K2 CSPG3|A0A024R7M3
 29325 SUPV3L1|Q8IYB8 HEL-S-156an|V9HWH6
 29326 HLA-DQB1|F8LFZ2 RPL30|A0A0B4J213
 29327 HTR5A|P47898 CHMP4C|Q96CF2
 29328 MTRR|D6RGC7 ZNFN1A2|Q6PQC4
 29329 HLA-C|K7WRG1 TCF7L1|Q53T87
 29330 PKP2|B8QGS9 SIRT2|B5MCS1
 29331 PGAM4|Q8N0Y7 MRPL37|H0Y4J2
 29332 OSBP2|A0A024R1L4 PAX6|Q7Z5Y4
 29333 HLA-C|G1EQJ3 CPSF2|Q9P2I0
 29334 CAND1|Q86VP6 COX1|D6R6E1
 29335 SMN1|E7EQZ4 BST2|A0A024R7H5
 29336 ROB03|A0A024R3L2 F9|Q19UJ6
 29337 FAM27E3|Q08E93 HLA-B|C8ZLL2
 29338 FIBP|E9PSD3 ZNF878|C9JN71
 29339 RFC3|P40938 HLA-B|M9PAK0
 29340 YWHAZ|E7EVZ2 GRM6|O15303
 29341 ND1|H9SG99 A1CF|F8W9F8
 29342 CNDP1|J3KRP0 COX2|Q5SA98
 29343 ND2|B0Z714 SHC4|H0YLU6
 29344 APOC3|B0YIW2 P2RX4|F5H1M6
 29345 ACADVL|B3KPA6 KDM6B|O15054
 29346 PLEC|E9PIA2 CYP1B1|D0EZN8
 29347 hREV3|Q9UID5 ND5|Q6PZ35
 29348 HECTD1|Q9ULT8 RAB21|A0A024RBA9
 29349 AP3S1|Q92572 LPIN1|C9IYP2
 29350 IFIT3|O14879 ITPRIPL1|Q6GPH6
 29351 P2RX5|H0YII8 GIMAP6|B4DH95
 29352 ABCB9|F5GYI2 ATP7B|C0LF55
 29353 ND5|Q6VID5 HLA-B|H2DML2
 29354 HLA-DPB1|A0A090A1W2 HLA-DQB1|L0BVX9
 29355 LACC1|Q8IV20 CYTH2|Q99418
 29356 KLK12|A0A024R4M4 hCG_1998531|A0A024QZ90
 29357 IFT27|B1AH58 GNAO1|H3BN82
 29358 NFYC|E9PQR2 TPD52|P55327
 29359 AURKB|J3KTD6 SH2B1|Q9NRF2
 29360 cytb|T2HLX9 ND2|H9NX93
 29361 WNT5A|A0FKN4 HLA-C|U5YBY0
 29362 ND2|X2C0X2 ND2|Q4EWE6
 29363 ACAT1|E9PRQ6 PALLD|H0YA05
 29364 HLA-DRB1|D5FIE8 STK31|A4D159
 29365 TNFRSF14|A0A024R052 KRT84|Q9NSB2
 29366 CYTB|H9E7Q7 OR2G3|Q8NGZ4
 29367 C21orf66|Q8N6E6 TLR9|D1CS62
 29368 CYTB|A0A0B6CEC5 PLN|Q5R352
 29369 HLA-DRB1|Q860S9 NME6|C9J9V6
 29370 FGFR1|P11362 TMEM39A|Q9NV64
 29371 HLA-DQB1|V5JAQ1 SCNN1B|H3BRM4
 29372 CYP2F1|H0YGI9 ATG2B|Q96BY7
 29373 MC1R|Q01726 TLE3|H0YKT5
 29374 PSPH|A0A024RDL9 KIF26B|Q2KJY2
 29375 DKFZp666J235|Q658N0 LMCD1|B4DEY6
 29376 DGKE|I3L112 NAA25|Q14CX7

29377 KIR2DS2|P43631 SLC2A11|Q6P4C1
 29378 FASTK|A0A090N8I0 ZNF606|A0A024R4S7
 29379 MTMR1|F8W8S8 FOXRED2|Q8IWF2
 29380 ND3|B7TCU3 FAM195B|C9JLW8
 29381 RAB27B|K7ES41 C8orf36|A0A024R9J6
 29382 KIAA0999|Q0IJ40 COX2|Q7YEH2
 29383 NXF1|E9PLA7 GCM1|Q9NP62
 29384 SRSF5|Q13243 GATM|H0YN43
 29385 MTCH1|H0Y8C3 RPL29|P47914
 29386 GLIS3|Q1PHJ7 MAPRE2|A0A024RC33
 29387 MEIS1|U3KPR8 ZNF792|Q3KQV3
 29388 cytb|Q4GDL9 PLA2G2D|A0A087WZT4
 29389 ALS2|Q96Q42 HLA-C|G1ENX1
 29390 CCR3|Q8TDP5 EIF3B|P55884
 29391 SCNN1D|H0Y3F1 MICU1|S4R3D7
 29392 CYTB|U5Z2J3 HERPUD1|Q15011
 29393 PR|Q8NG42 SNTB1|Q13884
 29394 ND5|H9E8A0 ND3|L7XJX4
 29395 ITGAL|B4DQ77 ITGB6|E9PEE8
 29396 ANO3|Q9BYT9 ZWILCH|Q9H900
 29397 CFTR|Q6KEG6 MAN2B2|H0YA68
 29398 ASAH1|B1B5P6 KIR1|V5QEK6
 29399 TOM1|B3KUU1 ARPC1B|C9J6C8
 29400 TRIM6|Q9C030 HLA-C|G1EQK1
 29401 GSN|A0A0A0MT01 TBCK|D6RDG2
 29402 HLA-DPB1|S4T6S0 ND4|A0A097QEL5
 29403 HLA-C|C5J035 COX7C|D6R9Z7
 29404 HLA-C|A0A0A7C823 AP4S1|G3V3X7
 29405 MAN2B1|M0R174 SLC6A19|E9PD72
 29406 TSGA10|F8WA32 ADGRE3|E7EW83
 29407 MYL2|Q6IB42 PDGFRB|E5RII0
 29408 DNAJB1|Q6FI51 HLA-DPB1|A0A0A7C5A7
 29409 HNRNPUL1|B7Z4B8 PARVG|A0A024R4U4
 29410 HSF4|Q9ULV5 SLC2A8|A0A087WT42
 29411 SLC25A24|Q6NUK1 ARPC1B|C9JFG9
 29412 RHD|D2CRH1 ZNF283|K7ESH0
 29413 HRG|P04196 VAPB|Q53XM7
 29414 HEL-203|V9HVV7 GATA2|C9J965
 29415 TCF4|H3BTP3 SIRT1|E9PC49
 29416 CLK2|B7Z8N6 TLR4|D1CS55
 29417 HLA-B|G1EMM9 KIAA1045|Q9UPV7
 29418 INMT|Q3MIB5 SLC11A2|F8W154
 29419 TEAD4|H0Y7B0 ROB01|H7C4Y7
 29420 ND3|F2WE31 POLR2D|E9PB93
 29421 ND2|F5CUT2 IL1RAPL1|Q7Z2H0
 29422 KCNV1|Q76FP2 ND5|A0A075CBC2
 29423 CFL2|Q549N0 CYP2D6|Q38LG2
 29424 HLA-A|P04439 STX16|E9PND6
 29425 ZBTB48|K7EM76 COI11|Q4GMA4
 29426 MTSS1L|A0A087WXN9 CCDC40|Q4G0X9
 29427 MED27|Q6P2C8 NXN|Q6DKJ4
 29428 LPAR2|K7ER68 PRDM7_V2|A4Q9G9
 29429 IMPG2|Q9BZV3 KCNG1|Q86Y85
 29430 ZNF527|Q8NB42 SH3BGRL2|Q9UJC5
 29431 DFFB|Q96P73 PFKM|F8VSF7
 29432 ND5|X5CF88 HLA-DQB1|S6CQ55
 29433 SORBS3|E5RIA0 TSC22D3|D6RD37
 29434 PSMB11|A5LHX3 ND4|G4W3B5
 29435 DDX23|H0YI52 CHMP3|Q9Y3E7
 29436 TTLL11|Q6ZUZ3 HLA-C|M9P9C5
 29437 ATP5J2|P56134 SNX13|A0A024RA48
 29438 PTPRK|Q15262 LETMD1|F8VR33
 29439 HSP90AB1|P08238 HLA-A|F2VNI8
 29440 ZNF391|C9JUF8 ATP6|E9K908
 29441 EFNA5|P52803 HLA-A|A0A078N1N5
 29442 RPS28|P62857 ND2|H9E7M0
 29443 OCIAD1|Q9NX40 DPP10|Q0GLB9
 29444 KCNG2|Q9UJ96 AK7|H0YIY5

29445 PCDH15|E7EMG8 GTF2A1L|F8WE56
 29446 ANXA7|P20073 TGFBR1|P36897
 29447 MTURN|Q8N3F0 NADH4L|B1W974
 29448 TLR7|B2R9N9 VIPR2|X5D7R3
 29449 HLA-A|B2DFW7 ADGRE2|M0R0K5
 29450 KDM6A|A0A087WUN6 PDPK1|O15530
 29451 DDR1|H0Y9F4 MYO3B|Q8WXR4
 29452 ABCA13|Q86UQ4 VDAC2|A0A024QZT0
 29453 SERP1|Q9Y6X1 MMP27|Q9H306
 29454 GLS|B7Z509 RIMS1|H0YBU6
 29455 EIF3C|H3BPE4 NCAPG|Q6NUR1
 29456 ND1|G4W6N9 DBNL|F2Z3E3
 29457 ESR1|Q9H2M2 CYTB|G5D7Y1
 29458 MTHFD1|V9GZ32 KIF3A|C9J9X2
 29459 CLNK|Q7Z7G1 TNFRSF13C|Q5H8V1
 29460 ARF6|P62330 FAAP24|K7EKQ4
 29461 SUMF2|F8WA42 ND2|Q4EWN7
 29462 NEIL1|Q96FI4 ND4|I6QD14
 29463 SECTM1|J3KS40 USP36|E9PEW0
 29464 ARHGEF9|A0A096LPI8 SCARB1|Q8WTV0
 29465 GK|A6NP46 HLA-C|V5LL19
 29466 COX2|H9LMC2 SHB|Q15464
 29467 PLEKHG2|Q9H7P9 SLC14A1|A0A088MYP2
 29468 PUM2|B7ZL34 LDB2|O43679
 29469 DLX1|P56177 ACSBG2|K7EKE4
 29470 CABIN1|Q9Y6J0 HCN1|Q86WJ6
 29471 PCDHA8|B2RN89 ITGB4|J3QQL2
 29472 PTCHD3|Q3KNS1 PLK4|A0A090BML5
 29473 DPYSL2|Q16555 SPERT|Q8NA61
 29474 SLC2A1|P11166 ITPK1|G3V588
 29475 ND5|H9Q5E5 GPR39|A0A087WTL7
 29476 HLA-C|G0X8S6 USP11|Q6P453
 29477 SULT1A4|P0DMN0 MRPL18|Q9H0U6
 29478 ARPC4|P59998 KIFAP3|Q92845
 29479 HLA-DQB1|U3Q055 OGG1|H7C1V7
 29480 DUX4|E0Z3G4 SRCIN1|A0A087WVV7
 29481 VARS2|B7ZCJ6 ATPAF2|C9J2Q2
 29482 KDM5D|E9PFH2 SCFD1|G3V363
 29483 GABRA1|P14867 ZNF696|Q9H7X3
 29484 ZNF85|Q96HE0 AGR2|Q4JM46
 29485 ZNF766|Q08EK0 ZMAT5|Q9UDW3
 29486 EXTL3|H0YB01 HYAL3|O43820
 29487 MNX1|P50219 RAD51D|H0UID0
 29488 ZNF691|Q5VV50 OR10J5|Q8NHC4
 29489 NDST1|P52848 SAMD11|I7G105
 29490 MATN2|E5RJM4 TXK|P42681
 29491 PARD3|Q8TEW0 CHI3L2|Q15782
 29492 AR|D3YPQ1 DUX4|C3U397
 29493 ABCC3|Q2M3C9 TRIO|D3DTD2
 29494 APOA1|P02647 MAPK9|E5RJ57
 29495 ND3|H9PNQ5 RAD54B|A0A087X0H2
 29496 BSCL2|A0A024R549 BACH1|O14867
 29497 QARS|P47897 ATP5G1|I3L0Y5
 29498 DZIP1|Q05D25 CTLA4|A0A0C4DH58
 29499 ND5|A4ZLB4 APEH|P13798
 29500 PKIG|Q9Y2B9 SGK494|J3QR23
 29501 RBBP8|Q99708 IP6K1|Q92551
 29502 ND5|Q305W9 CDH18|D6RER2
 29503 AGTPBP1|J3KNS1 COX1|A0A059QQA1
 29504 CYTB|I3Q1H6 CHEK1|E9PPA5
 29505 KRTAP12-4|P60329 PIAS2|Q2TA77
 29506 LEMD2|A0A024RCZ1 ABT1|Q9ULW3
 29507 CERS4|H0YNR6 HLA-C|G1EMT2
 29508 HLA-C|W1I435 HLA-B|G4XG04
 29509 FOLR2|F5H3Z4 ND5|D7P652
 29510 PLXNB1|O43157 KIF1Bbeta|Q4R9M9
 29511 CRYL1|A0A024RDM2 CYTB|A0A023Q6U7
 29512 CD36|E7EWI4 HLA-C|E0YTP0

29513 TRAFIP20|D4YW75 HLA-C|D7NPC7
 29514 ZDHC5|A0A024R546 HLA-G|O19767
 29515 ADCY7|F5H699 OSGIN1|Q9UJX0
 29516 SLC2A3|F5GYR5 DNAJA3|Q96EY1
 29517 PRDM9|D2K7E7 PCDHB15|A0A096LPC0
 29518 cytb|B1W926 RAB11A|P62491
 29519 RXFP1|B4DGP2 PACSIN1|Q9BY11
 29520 DKFZp686F13142|Q7Z2W2 BCL9|A0A024QYY4
 29521 TUBE1|A0A0B4J2B9 PIF1|Q9Y645
 29522 COMT|A3F6Y9 GTF2F2|A0A024RDU9
 29523 FTSJ1|B3KN91 ITPK1|G3V4M9
 29524 TDRD1|H9KV63 CYTB|H9M4C7
 29525 SLC6A15|F8VX16 RBM5|C9JFQ5
 29526 ATP6|C7SJU5 STAM|Q92783
 29527 COX1|A0A059RPI8 QKI|F5H5U6
 29528 EXOC7|B5MCY9 CYTB|A0A0A0PWF8
 29529 PRICKLE4|Q2TBC4 SRY|Q52MX9
 29530 ABI2|E9PEZ7 PIWIL4|Q7Z3Z4
 29531 FABP5|Q01469 APOC3|A3KPE2
 29532 GNPAT|Q5TBH8 PPM1B|C9JIR6
 29533 PBX1|A0A024R919 TAZ|Q16635
 29534 HLA-A|I6NWN3 NIT2|H7C579
 29535 CACNA1C|E9PDI6 COX3|C5MM24
 29536 HLA-Cw|Q45FZ3 ACBD6|A0A024R915
 29537 S100A9|P06702 ERCC2|E7EVE9
 29538 ATP11B|H7C4W6 C19orf68|Q86XI8
 29539 SORT1|Q99523 LTN1|O94822
 29540 SMAD3|H0YNNV1 RGS1|Q08116
 29541 BMP4|A0A097PIG0 CLEC11A|Q9Y240
 29542 HLA-DQA1|G4XQK2 TRIM49B|A6NDI0
 29543 POLR2D|E9PB93 GPR19|B9EK41
 29544 DMBT1|Q9UGM3 CRHR1|P34998
 29545 CYTB|Q0Z7I1 TEAD4|D3DUQ6
 29546 AIDA|Q96BJ3 MTSS1|E5RJJX3
 29547 SHC3|Q5T7I8 PRAMEF10|O60809
 29548 RUNX1/CBFA2T2|D1LUZ5 MRE11A|Q05D78
 29549 HLA-C|F8SKX9 RNF150|Q9ULK6
 29550 NUPL1|Q9BVL2 COX7A2|D6RGV5
 29551 KATNA1|A8K7S5 POMK|Q9H5K3
 29552 HLA-DPB1|A0A0A7C996 FGF11|Q6LA99
 29553 MYH9|Q5BKV1 SYNM|H0YL34
 29554 CDH20|Q9HBT6 PDLIM5|H0Y8Y3
 29555 COX1|C9D6C5 CEP70|Q8NHQ1
 29556 IDUA|J9QQV7 S100A1|P23297
 29557 IKBK6|D3DWY0 PLXNB2|E2PU09
 29558 COASY|K7EQ60 PNRC2|Q9NPJ4
 29559 KRT13|A1A4E9 NDUFA12|F8VRD8
 29560 MRPL30|Q8TCC3 CROP|Q86Y74
 29561 DCAF15|Q66K64 NKX2-3|A0A087WVU3
 29562 DSPP|Q9NZW4 HLA-C|M9P941
 29563 ND5|Q8HG20 UTY|F4MHM5
 29564 GAS7|O60861 HLA-C|G1ENW2
 29565 SLC12A8|H7C5L2 HLA-A|E0WBY8
 29566 ATP6|Q7YEG6 TMEM119|Q4V9L6
 29567 HLA-DQB1|L0BXT1 TK2|E5KNQ5
 29568 HNRNPH1|D6RDU3 EIF2AK2|F8WBH4
 29569 GLS2|F8WBL8 WSB2|Q9NYS7
 29570 COX1|A0A023QZ55 ASPHD2|Q6ICH7
 29571 BPIFC|Q8NFC6 TRIB2|B5MCX4
 29572 IFNL3|A0A0C4DGW8 SFN|P31947
 29573 GPT2|H3BU54 NBR1|A0A024R1Y3
 29574 NOTUM|K7EIG3 ND1|A0A097PZK9
 29575 STMN2|E5RGX5 GALK2|H0YNNR7
 29576 HLA-C|K7WRG1 PARP10|E9PPU2
 29577 DCXR|J3QL34 HNRNPH1|D6RIT2
 29578 PDHB|F8WF02 IFNA4|P05014
 29579 ND5|Q4EXM9 ND5|H9E7S7
 29580 RNASE10|Q5GAN6 FBXO11|H0YAV3

29581 MDN1|Q9NU22 ATP6V1D|G3V2V6
 29582 HLA-C|M9P943 IFRD2|Q12894
 29583 HLA-A|A0A076L0P9 KCNK7|A0A024R5F5
 29584 HLTF|Q14527 CCP110|O43303
 29585 CORO1C|F8VTT6 TOR3A|A0A024R943
 29586 EHMT1|A0A0C4DGF8 FIBP|O43427
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 29588 SAP30BP|A0A024R8R0 SLC8A3|A7E249
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 29591 TMEM201|Q5SNT2 FMOD|A0A024R971
 29592 NUDT5|H0YFY4 ADRA1D|P25100
 29593 TAC1|P20366 ZNF48|Q96MX3
 29594 BFAR|H3BMP2 ACSS3|F8VZB4
 29595 MN1|Q10571 INPP5B|P32019
 29596 CCER1|Q8TC90 SEPT9|K7EQD7
 29597 SEPSECS|A1A4F3 ND6|H9S313
 29598 PCDH15|A2A3E1 MARK3|A0A0A0MT23
 29599 RASGRP1|H0YNG8 CDC40|H0UI46
 29600 MLXIP|Q9HAP2 FUT2|Q5XLR8
 29601 ITGA6|C9JXX7 HLA-C|M9PAC1
 29602 ND5|E7CM12 CCDC170|Q8IYT3
 29603 HLA-C|M9PAD6 HLA-DPB1|A0A0A7C9W3
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 29605 CHMP4A|E9PQI5 AP3B1|O00203
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 29607 MCUR1|U3KQP8 LHX2|H7C0H1
 29608 PTPRS|A0A0A0MR60 CYTB|A0A059QHA2
 29609 NLGN3|Q9NZ94 ND5|Q4EXM9
 29610 CDC2L5|A0A024RA85 CANX|D6RHJ3
 29611 HLA-DOB|X5D174 S100B|A8MRB1
 29612 SLC6A15|F8VSG1 CTCFL|Q8NI51
 29613 CYTB|Q0Z7F5 CYTB|T1Q526
 29614 HLA-DPB1|A0A0A7C5R9 RPS6KB2|Q9UBS0
 29615 HLA-A|H9C3I2 ADAM15|Q13444
 29616 ND4L|H9E7B0 HLA-C|G0ZMM1
 29617 RYR3|A0A087X080 SLC7A8|E9PLV9
 29618 PIAS1|A4ZVS8 EEF2K|O00418
 29619 ND5|Q0ZK24 KIFC1|A0A087X1W5
 29620 ND4|A0A096YC52 C9orf142|Q9BUH6
 29621 NADH5|B9ED27 cytb|Q4GFM1
 29622 DEFB116|Q30KQ4 NADSYN1|Q6IA69
 29623 CANX|P27824 FBL|P22087
 29624 PCED1A|Q9H1Q7 SLC01A2|C9JUW6
 29625 INO80E|Q8NBZ0 AMACR|D6RB81
 29626 ND3|A0A059RJC6 PLCD4|Q9BRC7
 29627 KCNMB2|B5BNW9 ZNF613|M0QX19
 29628 MSH5|A0A024RCM1 MT01|E7EWX0
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 29630 C2|E9PDZ0 CACNA1H|A2SX35
 29631 UTY|F4MHP9 ELL2|O00472
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 29633 RRP7B|Q9NSQ0 HMX1|Q9NP08
 29634 TNNC1|C9JDI3 PLB1|H7C012
 29635 PRMT7|H3BRD3 OR52E6|Q96RD3
 29636 CAPN1|P07384 ND5|A0S2X6
 29637 USP3|H0YL81 HBG2|P69892
 29638 SLC39A4|A6NDY5 CTNNA2|C9IZ88
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 29641 RBPJ|D6RBQ8 SLC25A27|Q5VTS8
 29642 ATF|Q96SE8 HLA-B|D5L9B9
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 29645 CTRL|Q8IUW0 MICU1|F6XEV2
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 29647 FUT1|F5BH05 OAS3|F8VS35
 29648 HLA-G|Q6DL85 ND5|A6ZGM1

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29651	ND5 U3LAU0	FIG4 Q5TCS4
29652	CDH10 X5DQT8	CES3 Q6UWW8
29653	HECTD1 H0YJD4	SNPH Q15079
29654	HLA-C K9L7E0	HEG1 Q9ULI3
29655	PREB Q9HCU5	ZNF26 F5H6R4
29656	SCAMP2 Q6IBK3	FHL2 F8WDA8
29657	PSMD4 A6PVX3	ADAMTS9 Q9P2N4
29658	IL3 P08700	RABGGTA Q92696
29659	MCFD2 Q8NI22	ND2 W8DHB9
29660	ARAP2 A0A0C4DGW1	MRPL49 A0A024R578
29661	HLA-C E0WMT8	PPP2R5C H0YJ35
29662	SLC35C1 B3KQH0	NOLA1 A0A024RDJ3
29663	CHST9 A0A024RC28	GABPA Q8IYS3
29664	RHD A6PZ60	RBM5 A0A024R2U6
29665	M0GS C9JDQ1	HLA-A D7NP91
29666	HLA-C D6C6F3	ASAH1 B1B5Q8
29667	TMED9 Q9BVK6	CATSPER2 E7EX46
29668	A1BG P04217	VSIG1 C9JY48
29669	NDST3 Q95803	HLA-DR15 J7K6R9
29670	IL36A Q9UHA7	METTL16 I3L362
29671	ND5 A0A096VW26	SLC35E3 Q7Z769
29672	DPF3 F8W7T1	DKFZp586G1024 Q9H059
29673	ND2 A0A023I9B6	ND3 D1GI42
29674	ND3 Q7YCF1	ATP6V1G1 O75348
29675	FAAP24 X6R368	HLA-DRB1 D0V3Q2
29676	STK36 C9J1B8	MSRB2 A6NCQ5
29677	SLC8A1 E9PB98	CYP2R1 Q6VVX0
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29680	NADH6 Q4GN61	TOP3A J3QR18
29681	ADSSL1 G3V5D8	ND3 L7XJX4
29682	CYTB V9J2J3	KIT P10721
29683	F8 Q003W0	HLA-C E5D6M3
29684	HCK J3KPD6	HLA-A H6V073
29685	UMPS B5LY69	KCNK12 Q9HB15
29686	ZFX A0A024RC04	HCGV Q96QB5
29687	ACSS1 Q1RMZ4	HEXA H3BP20
29688	TRIM28 M0R3C0	SLC26A11 Q86WA9
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29691	DKFZp434L2050 Q9UFD2	CHFR A0A096P6K8
29692	ABCD4 G3V3W1	CYP2D6 D5KN10
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29696	HLA-C F2X630	RHD B4F4S4
29697	SLC44A2 Q8IWA5	TP53 L0EQT1
29698	HLA-A C7U1K2	CYTB Q6VI47
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29714	RAB33B Q9H082	HLA-C Q861B1
29715	PFDN4 Q9NQP4	LOXHD1 Q8IVV2
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29718	PAMR1 E9PQ70	HLA-B W0NUA3
29719	SFTP8 P07988	KCNJ1 P48048
29720	ND5 D6N5T8	F8c Q71UI6
29721	CYTB H9PWU4	RHD Q5CCG7
29722	WDR48 Q8TAF3	ITGA8 P53708
29723	MCEE Q96PE7	CEPT1 Q9Y6K0
29724	EIF3S3 Q6IB98	CPA5 A4D1M2
29725	NMS Q5H8A3	ATG9A Q7Z3C6
29726	ZNF226 K7EK05	MED11 Q9P086
29727	CYTB Q6RLQ6	HLA-C S5DN70
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29731	HSPA9 P38646	PRAF2 O60831
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29733	EYA4 Q96CJ7	ATP13A2 H0Y9K0
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29735	LEF1 G9G139	ND2 Q9B0T5
29736	DNHD1 J3QRE5	SCD5 Q9BSN4
29737	CANT1 K7EN15	HOXC10 Q53XI4
29738	CYTB J7HM29	STIM2 Q9P246
29739	NDUFV1 E5KNH5	UBA1 P22314
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29815	ATP8 A4ZL69	SLC13A1 A4D0X1
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29821	ESD P10768	ND1 D1MJV5
29822	HAUS1 K7EKH4	ND5 R9Y676
29823	SUPT3H B4E1H0	ZNF552 Q9H707
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29906	CDH1 A5D8W4	C18orf42 P0CW23
29907	EML2 O95834	ATP8 A6Z3V4
29908	SLC12A9 Q9BXP2	WDR74 Q6RFH5
29909	ME5 Q9UEJ6	NCAPD3 P42695
29910	F9 Q19UG1	RALGDS Q9HAX8
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29912	SCUBE1 A0JP65	SERPINA11 Q86U17
29913	ZNF738 M0R0N2	BECN1 K7ELY9
29914	RPS6KC1 F6RJM5	PSPC1 X6RDA4
29915	PRPS2 P11908	ZNF784 Q8NCA9
29916	ND5 G9IER9	ESX1 A6ZIT9
29917	MCL1 Q07820	TATDN2 Q93075
29918	CCR5 A0A089G6R5	ND5 H9M4C5
29919	ATP6 H9SEJ3	DCST1 Q5T197
29920	CYTB Q4F325	WDR70 Q9NW82

29921 ECE1|A0A024RAB0 CDC25A|C9JFR5
 29922 HLA-B|S6EYQ3 ND2|H9SBJ9
 29923 ND6|L7NV95 HLA-C|F4YZV5
 29924 TCF3|K7ERZ7 HLA-A|D7NNU1
 29925 HLA-C|C9WEU1 SMG8|J3KTD7
 29926 FSCN2|O14926 MMP11|B3KQS8
 29927 CSTF1|Q05048 ENPEP|B0BCY7
 29928 TUBGCP4|Q9BVR6 TRIO|E7EPJ7
 29929 COPS8|H7C3S9 hCG_20425|B4DNA4
 29930 COX1|A0A023QR89 PFN1|K7EJ44
 29931 HLA-A|D6ML09 CACNA1B|F6RH32
 29932 ITM2A|O43736 GALT|G3V5E8
 29933 RBM14-RBM4|A0A0A6YYI9 PRUNE1|Q5SZF2
 29934 C3AR1|Q16581 ND1|S4SPU5
 29935 RDH5|Q92781 SYNE1|F8WAI0
 29936 B4GALT6|Q9UBX8 HSPA1L|Q53FA3
 29937 Hosa(Biaka)-T2R50|Q50KE2 S100A10|P60903
 29938 CADM4|Q8NFZ8 ARPC4|F8WDW3
 29939 ATP6|D6R5P7 FRMPD4|Q14CM0
 29940 ABCC11|Q96J66 ND1|R9Y292
 29941 BHLHE22|Q8NFI8 DFFA|A0A024R4H5
 29942 ZNF559|K7EN17 CTDP1|Q9Y5B0
 29943 GPR149|Q86SP6 MAPK15|Q8TD08
 29944 ND3|V9PAU6 COX1|H9LP39
 29945 TMEM174|Q8WUU8 RHCE|K0A0R1
 29946 ZEB1|F6TDF5 SLC17A7|Q9P2U7
 29947 RPS6KA3|Q7Z2J4 PRKCI|B5BUK7
 29948 CUTC|Q9NTM9 LPIN1|C9IYP2
 29949 ARHGAP17|Q68EM7 ND5|A0SBH1
 29950 HLA-C|D5L9E4 ND2|Q6VL12
 29951 SPCS2|E9PRB9 MBIP|Q9NS73
 29952 NR1H2|M0R1V8 COX1|Q7YEF5
 29953 SERGEF|Q9UGK8 KCNMB3|Q9NPA1
 29954 ARFGAP1|E5RGL6 cox2|X2D4D6
 29955 CAB39|Q9Y376 CREBBP|B5A235
 29956 HLA-DPB1|W5REE1 CLVS1|E5RI68
 29957 DFFB|A0A0B4J1S5 CYTB|H9R8E6
 29958 KRTAP11-1|Q3LI55 ATP6|F2VPX4
 29959 ZNF470|M0R0Q6 TMED3|G3V1J9
 29960 COX1|A0A023Q3I2 PYGO2|Q5T171
 29961 MUTYH|Q5T413 HEY2|Q9UBP5
 29962 TRAF2|A0A024R8H5 METTL17|G3V4H5
 29963 hCG_2011440|Q5VZ79 B4GALNT1|F8TDK6
 29964 MARCH1|D6REN1 MYO9B|M0R0P8
 29965 COI1|C5H6M3 RPL21|G3V1B3
 29966 STK38L|F5GY51 CLSTN3|F5H5C6
 29967 HOXB13|Q92826 PICK1|A0A024R1R7
 29968 COI1|B1W855 KCNE3|Q9Y6H6
 29969 COX3|V5JMB0 HSP90AF|Q58FF9
 29970 UGT1A4|P22310 ZNF667|K7ERY5
 29971 PLAUR|M0QX27 NR1D2|B6ZGS3
 29972 ZYX|Q96AF9 HELB|Q8NG08
 29973 MRPL49|A0A024R578 AK5|E9PQQ8
 29974 OAT|P04181 SCN1|Q9BWG6
 29975 COPB1|E9PP73 TMEM198|Q66K66
 29976 CTDP1|Q9Y5B0 HIF3A|O95262
 29977 ITS1|Q6PD56 HLA-C|C6K4L7
 29978 UBAP1|Q9NZ09 RASD1|Q9Y272
 29979 TLR5|B9VJ75 ZNF106|A0A0C4DGM5
 29980 HMGB3|E7ES08 ND5|C9D603
 29981 OR2M3|Q8NG83 HLA-DPB1|S6B261
 29982 HLA-DQB1|S6CQ53 ND2|U3LQM9
 29983 CYP2B6|P20813 ND5|V9J3G5
 29984 COX1|A4ZLB9 ICA1L|C9JDK6
 29985 TRPC7|Q70T24 MAST2|E7ERL6
 29986 ANKRD6|Q9Y2G4 NUBP2|H3BNF0
 29987 TCHH|Q07283 COX3|V5JMB0
 29988 PALM2-AKAP2|B1ALY0 SLC35D1|Q9NTN3

29989 DNMBP|Q6XZF7 SKP2|A0A024R069
 29990 ND4|D7NV19 YME1L1|R4GNA5
 29991 CS|B4DJV2 OR4S1|Q8NGB4
 29992 ND2|B5M8N2 DGKD|C9JY42
 29993 BCL9|Q00512 NR4A2|H7BZ00
 29994 HLA-DPB1|A0A0A7C737 CYP2D6|Q2XND0
 29995 PPP1R8|Q12972 RHD|I7LNF1
 29996 CCL27|Q9Y4X3 HLA-C|A0A0A7C4L7
 29997 SLC18A1|P54219 CLYBL|Q5JVC2
 29998 HLA-B|F4YU51 MTNR1B|Q8TEV7
 29999 RPL3|G5E9G0 ADGB|H0YBE5
 30000 PIK3R5|Q8WYR1 SYBU|E9PLB9
 30001 ND1|Q2HK80 PCTK1|Q96GA5
 30002 HLA-C|M9PAB7 ATP8|L7XY67
 30003 HLA-C|M9PAF5 DNMT2|Q6ICS7
 30004 ATF5|Q9Y2D1 HTR5A|A4D2N2
 30005 RECK|Q95980 ALDH3A2|P51648
 30006 ND5|Q0Z7P8 ND1|A0A059RK86
 30007 CYTB|A0A097Q4K2 HLA-DR15|M9P9X5
 30008 HLA-C|A0A0B7NRX1 TEF|H0Y797
 30009 HLA-DQB1|R4QU49 HFE|Q86WL1
 30010 DEDD|V9GY27 CYTB|Q305I7
 30011 MUC4|Q99102 CYTB|Q15H14
 30012 SCAMP5|H3BS22 CRISP1|P54107
 30013 HLA-C|D6MKW1 SLC12A3|J3QSS1
 30014 HLA-DR15|F1CCP1 OR4N5|Q8IXE1
 30015 UTY|F4MHA6 HLA-C|G1ENV6
 30016 HYI|E7EWH8 CD82|P27701
 30017 ND2|E5FFB4 TERF2|H3BTA7
 30018 ATP6|D7NMA8 PRKRA|C9JMM3
 30019 SAMD11|A0A087WX24 YY1AP1|F8WD62
 30020 TNRC6A|Q8NDV7 GPCR40|A5Z1T7
 30021 ND4|E9LBP6 MAPK9|P45984
 30022 CYTB|H9RXW3 NR1H3|C9J4R0
 30023 GPX4|A0A087WT12 HLA-C|D7NP62
 30024 HLA-A|G1ENY7 DOCK9|A0A0A0MSY4
 30025 COX1|A0A059R5S6 ZNF653|K7ENS4
 30026 RPL38|J3QL01 CFTR|A0A096ZUC0
 30027 OR14C36|Q8NHC7 EMCN|Q4W5J1
 30028 CHD7|A0A024R7V7 ND2|Q7GM50
 30029 CYTB|B4YD74 LTBP3|H0YCQ2
 30030 ATPase|B9EFX3 SLC40A1|D7GLE3
 30031 CD5|F5GYK3 DGKA|P23743
 30032 ND4|A0A059RND1 RPE65|Q16518
 30033 NADH5|Q4GVZ2 SRRM1|M0QXG5
 30034 HLA-C|G1EMS9 NDUFAF5|Q5TEU4
 30035 PIK3R1|H0YB27 VASP|K7ENR7
 30036 ND5|F2WEB2 ND2|B4YDS0
 30037 MYO1E|H0YLE5 VAV3|Q9UKW4
 30038 ND2|A0A059RTA5 ND5|Q6PZ35
 30039 HLA-B|E2D5P9 OR51L1|Q8NGJ5
 30040 MYC|B3CJA3 ND5|U3L3J4
 30041 HUWE1|A0A024R9Y3 LDHB|F5H793
 30042 OR2A25|A4D2G3 URB1|O60287
 30043 COI|U3M9P1 CAMK2B|Q75LA8
 30044 ZNF770|H0YM59 ZNF431|M0QZG4
 30045 HLA-A|O46853 ND4|A0A023QQQ9
 30046 MT1M|A0A024R6T4 HLA-C|C6H0N3
 30047 HGD|Q8WW71 SLC25A45|E9PK53
 30048 ZNF226|K7EKQ6 ND4|K7WG77
 30049 RPS6KA3|P51812 TMC4|Q7Z404
 30050 ZDHHC2|Q9UIJ5 RAB40C|H3BNV8
 30051 COX3|E5LFL6 TM4SF13|Q6FGK0
 30052 HMOX2|Q6IBP2 ND5|Q7YEF0
 30053 MRPL18|A8K9D2 RPS19BP1|Q86WX3
 30054 FLT3|E7ER61 MSX1|E9KXW5
 30055 NAPA|A0A024R0V6 PPP2R2C|Q9Y2T4
 30056 DNPEP|C9J1E2 COX3|X5C127

30057 PHF12|K7EQP5 IRF2BP2|Q7Z5L9
 30058 SURF5|A0A024R8C5 AQR|O60306
 30059 DKFZp564M063|Q8NDD7 HLA-DQB1|V5JAP9
 30060 GART|F8WD69 ZEB2|H7C0G0
 30061 ATP8|A0A059RKD4 PRKAB1|F5H610
 30062 ABI2|F8WAQ3 HLA-A|B1PL01
 30063 PIAS4|Q8N2W9 HLA-A|E0YTI4
 30064 HBB|Q6VVFQ6 ZNF574|Q6ZN55
 30065 PHYHD1|A0A024R893 ZC3H6|P61129
 30066 ZNF132|P52740 ND3|G9LE27
 30067 ND1|V9JTR8 FCN3|O75636
 30068 CCNT2|H7BZ27 MPZL1|Q9UEL6
 30069 FGF23|Q7Z4T2 CHURC1|H0YHA3
 30070 HLA-B|C0LAA9 HBG2|A1EGU3
 30071 C20orf112|RUNX1|D1LUZ8 HLA-C|C0KJW5
 30072 AKAP1|Q92667 FUT11|Q495W5
 30073 LM03|F5GYZ6 MBP|F8WEU6
 30074 PRMT7|H3BRQ9 PHKG2|A0A024QZE8
 30075 COQ7|H3BP28 MRPL35|D3YTC1
 30076 CDK9|X6RE90 OR10R2|Q8NGX6
 30077 UTY|F4MHD4 FNIP1|Q8TF40
 30078 FDFT1|E9PS69 MATR3|D6R991
 30079 EBF4|E9PEI2 CYTB|E2DGM0
 30080 TRIM65|H0YGS7 COX1|A0A059S9Y2
 30081 CCNF|P41002 CD36|A0A0A1EAI1
 30082 HLA-C|C5J031 HDAC11|B5MCU6
 30083 ND4|H9M485 SMARCD2|Q92925
 30084 ATXN1|P54253 ADAP1|O75689
 30085 DHPS|A0A087WZK0 ND5|Q6RS00
 30086 IFITM3|H9NL12 POP5|Q969H6
 30087 EPHA3|Q6P4R6 HLA-C|J7GL10
 30088 SMPD3|Q9NY59 MMP28|C0H5X0
 30089 ARAP1|F8WBT0 ATP1B1|A3KLL5
 30090 HLA-DRB1|A0A0A7CA45 ATP6|F2WIP1
 30091 SLC9B2|Q86UD5 COX1|A0A059RL15
 30092 DO|Q3KZ27 ndh5|T2HLH6
 30093 HLA-Cw|D7RJ40 CHD1L|A0A087WTM4
 30094 ACAD9|Q9H9W4 ND3|A0A059RK50
 30095 FBF1|Q8TES7 TSPYL|Q6FI91
 30096 CKAP2|Q8WWK9 SLC25A19|J3QL84
 30097 CLDN18|P56856 NADH2|Q4GE88
 30098 hCG_2043421|D3DSV0 ND4|A6Z2B4
 30099 TXN2|F8WDN2 COX1|B8RFT7
 30100 FAM83C|Q9BQN1 IL1B|C9JSC2
 30101 CARNS1|A5YM72 KIF5C|Q6PJC4
 30102 PDE6B|H7C4F7 HLA-A|K9L7Y8
 30103 UBA5|Q9GZZ9 ND5|G9IER9
 30104 HLA-C|F1C3H0 RPS4Y1|P22090
 30105 FOXA3|M0QZW5 MYO1F|O00160
 30106 ARHGEF7|B1ALK7 ATP6V0A1|K7EQW2
 30107 KIF1A|H7C3Y8 BFAR|A0A087WXR3
 30108 PNPLA4|P41247 SYBU|E9PPS4
 30109 HLA-A|V6CKU4 HLA-A|A0A0A7C735
 30110 CA5B|A0A024RBW9 APOC4|P55056
 30111 MGMT|P16455 VIP|P01282
 30112 DUX4|F8QWU1 IL4R|H3BSE7
 30113 FARP1|M0QYB0 GIT1|J3QRU8
 30114 ZCCHC2|Q9C0B9 CYP1B1|D0EZN7
 30115 HLA-A|F6KRM4 OR2A7|Q96R45
 30116 ESYT2|H7BXI1 IREB2|A0A0A6YY96
 30117 MUTYH|E9PNY0 TSC22D3|Q5JRJ0
 30118 ND5|I3PX66 SRPK2|P78362
 30119 NADH5|B9EF68 PCYOX1|Q9UHG3
 30120 FAAP24|K7EKQ4 R3HCC1L|A0A087X0M0
 30121 ND5|Q5SAM1 MC1R|V9Q5S2
 30122 PGAP3|Q96FM1 UGT1A1|Q5DT03
 30123 TRIM25|Q14258 HYAL2|C9K016
 30124 EIF4G1|Q04637 DOT1L|Q8TEK3

30125 THAP3|K7EIZ2 GABRA2|A0A0A0MTM5
 30126 PLAC1|Q9HBJ0 ME3|E9PMB9
 30127 ND5|R9Y499 CSTA|P01040
 30128 CYTB|D3YNI6 MOBKL1A|B3KSH6
 30129 BRCA1|A0A068BFY0 SC5D|O75845
 30130 ZZZ3|Q8IYH5 AID|Q8NFB7
 30131 HLA-B|T1R372 OR51A4|B9EIP2
 30132 HLA-C|A0A0A7C9S6 HARS|B4DDD8
 30133 NEK11|Q8NG66 PACSIN3|E9PJ75
 30134 SYNM|A0A075B7B1 SNRNP48|Q6IEG0
 30135 TIMP1|Q5H9B4 ND6|G9AZH0
 30136 AUTS2|Q8WXX7 HLA-G|J3JRT1
 30137 ND5|B2XH11 TBC1D3L|B9A6J9
 30138 HLA-DQB1|A0A0A7C9I4 PCMTD2|V9GYL1
 30139 SFRS11|Q6PJB9 C2|Q5JP69
 30140 ZNF638|D6W5H1 EIF5|H0YK11
 30141 CTSA|Q5JZH0 GNB3|P16520
 30142 PLCXD1|K7EIC3 TOP3A|J3KRR9
 30143 DCX|O43602 HLA-G|C0JT29
 30144 POFUT1|Q9H488 CDK4|F8VWX7
 30145 ANKRA2|A0A024RAN7 APOB48R|Q9NS13
 30146 MICA|Q9UE02 CEP290|Q05BJ6
 30147 VIT|Q6UXI7 ATP6|B2Z4U9
 30148 ABCA1|A5D8U6 ZUFSP|X6R6X3
 30149 WBP4|O75554 HLA-DPB1|A0A0A7C6B3
 30150 TNF|Q5STB3 HPX|P02790
 30151 ATP6|H9PFC8 HTR2A|B3VRB0
 30152 ND5|Q4EXU5 HLA-A|G1EP50
 30153 FRAS1|Q86XX4 FADS1|F5H852
 30154 TBATA|Q96M53 NBN|A0PJ71
 30155 TLR6|Q9Y2C9 ARPC5|B1ALC0
 30156 CYTB|A0A0A0PYN4 SCGB2A1|O75556
 30157 APCDD1|Q8J025 ND3|H9SLH6
 30158 GCK|L0HBA3 STAT4|Q53RU2
 30159 KLC2|A8MZ87 PXN|P49023
 30160 ANXA5|E9PHT9 TTC21B|Q7Z4L5
 30161 TNFSF13|Q6FGN4 MAPK8|P45983
 30162 HLA-A|G1EPB3 HLA-A|D3U481
 30163 NME6|C9J1J2 FLJ13052|Q6PJ22
 30164 SON|J3QSZ5 KCNE3|E9PN03
 30165 RHBDL3|P58872 SLC4A5|Q53QY5
 30166 DAGLB|Q8NCG7 PAP0LB|A4D1Z6
 30167 ND1|A0A059QHY5 RBM8A|Q9Y5S9
 30168 ESRRG|C9JU32 ATP6|B2XE8
 30169 CYTB|Q0ZK87 TARBP2|F8VZ57
 30170 CYTB|E1B2Z5 FOLR2|A0A087WWY2
 30171 KCNQ5|Q9NR82 SYTL4|A0A024RCF8
 30172 FGF10|O15520 AHI1|Q8N157
 30173 MAP3K2|A0A024RAH0 factor|Q8WWQ7
 30174 COX1|H9M4B7 NDST1|E5RG58
 30175 ZNF345|F8W8R5 VAMP3|K7EKX0
 30176 SLC35A1|Q6A0F2 HLA-DRB1|D3U4E3
 30177 CTDNEP1|I3L4B2 HLA-B|O78140
 30178 DTNB|Q53SF9 ADCY9|O60503
 30179 cytb|Q4GS38 KRTAP11-1|Q8IUC1
 30180 PFKP|H0Y757 REV1|Q49AI5
 30181 CYTB|V9K486 LOXL2|E5RFE2
 30182 SPOCK1|Q08629 KCTD10|F8W8I7
 30183 GDF5|Q2NKKW7 CCR5|A0A089G6Q9
 30184 ATP6|B2KLZ5 NAPG|Q6FHY4
 30185 HLA-A|A9IW15 HLA-DPB1|W5REF1
 30186 NFIA|Q12857 HYAL4|F8WDH9
 30187 CDH26|B9EG96 TAC1|P20366
 30188 LYZL4|Q96KX0 FAM46A|Q96IP4
 30189 OR5R1|Q8NH85 CDC25A|C9JFR5
 30190 EMCN|Q4W5J1 DAZ4|E7ENA5
 30191 CYTB|H7BTW2 OR4N2|G3V4W1
 30192 AHCYL1|Q9BTL0 HLA-DRB1|Q860T0

30193 CYTB|A6ZH67 ABCA5|K7EKS9
 30194 ACSBG1|H0YMZ0 ARAP1|A0A0A0MSJ2
 30195 THEX1|A0A024R355 RAB7L1|Q6FGU7
 30196 TYMP|P19971 RRAS|A0A024QZF2
 30197 ATP2B1|Q3L582 ABHD6|Q9BV23
 30198 HEL-S-298|V9HW32 MECOM|E7EU48
 30199 GNPAT1|G3V5E4 MRM2|E9PGN6
 30200 ARPC3|C9JZD1 DKFZp56401822|Q9UG85
 30201 STXBP2|M0R1A1 ND5|D2Y6W7
 30202 SCN2A|Q99250 GJA5|X5D2H9
 30203 SYCN|Q0VAF6 KCMF1|Q9P0J7
 30204 MYC|B3CJ73 DLGAP4|F8WF49
 30205 GPR18|Q14330 DDX5|J3QSF1
 30206 ATP6|H9P4E3 SNRPD3|P62318
 30207 KRT20|P35900 CYTB|Q6VIV3
 30208 AP4E1|H0YK95 FIG4|Q5TCS5
 30209 TNFSF6|Q53ZZ1 ARID5A|Q03989
 30210 RNF180|Q86T96 ANKZF1|C9K022
 30211 MLLT3|P42568 DKFZp434B2017|Q9H029
 30212 CYTB|T1SWF3 RNPC3|X6RLP6
 30213 FBXW5|A0A024R8H7 HADHB|D6W539
 30214 ND3|K9R2C4 F10|Q5JVE8
 30215 TLR6|D1CS92 BANF1|E9PJJ8
 30216 CRHR2|B3SXS9 DCC|J3QRL3
 30217 HLA-A|A0A0A7C8T0 C1QTNF9B|B2RNN3
 30218 COX1|A0A059QEC3 GIMAP1|Q8WWP7
 30219 DTNA|A0A024RC38 UBTF|P17480
 30220 TFAP2D|Q7Z6R9 ND2|E9LBL5
 30221 IFIT2|P09913 CAMKV|B4DSW8
 30222 CYP21A2|V5WC48 DOLK|Q9UPQ8
 30223 HLA-A|F2VP60 SCAND3|Q6R2W3
 30224 CDC37|Q6FG59 KCTD21|E9PMS5
 30225 COX2|V9JD22 IL13RA2|D0EFR8
 30226 CSNK2B-LY6G5B-696|N0E4D3 PKM2|A0A024R5Z9
 30227 CASP9|P55211 GRM3|A4D1D0
 30228 HLA-C|A0A0A7C608 NR2F6|B6ZGU2
 30229 HDAC11|A0A024R2I1 HLA-A|D5FHG0
 30230 PUS7|Q96PZ0 COX2|K9M370
 30231 PAK1|A0A024R5P0 CLCN7|Q9BRN4
 30232 SLC2A11|Q504W2 HMP19|E5RGE8
 30233 MRPL23|A0A024RCB2 IGFBP1|Q6PEY6
 30234 DKFZp686J2031|Q7Z3R6 FKBP8|A0A024R7P2
 30235 KLF10|Q13118 FKBP9|A7YQ73
 30236 ACOT1|A1L172 FBXL14|Q8N1E6
 30237 ND4|E9NKJ3 ZIM2|Q9NZV7
 30238 HCN2|Q9UL51 WNT7B|B8A598
 30239 NTN3|O00634 FUT6|E9PS22
 30240 SNX27|A0A0C4DFU6 G7|Q9UMP2
 30241 HLA-A|F6IQW8 LCLAT1|C9JA02
 30242 SLC43A1|O75387 CYP2D6|D5KNB5
 30243 ND5|A0A023QS10 HLA-A|Q29634
 30244 PAPLN|B9EGP7 SSRP1|Q08945
 30245 KIF1A|C9JBH1 MYT1L|H7BYU4
 30246 BMP3|D7NTK7 PLA2G1B|Q9BS22
 30247 RHCE|K0A0Q6 IGFN1|Q86VF2
 30248 CDHR1|A0A096LNP9 MXRA8|Q9BRK3
 30249 ATP6|Q6RMK9 BBS1|E9PQD9
 30250 KDM4A|O75164 HLA-B|I3ZN85
 30251 DKFZp686C2469|Q7Z3U6 SYNM|C9JIE4
 30252 UBE2V2|Q15819 HLA-A|D9UAY2
 30253 PDP1|E5RIV4 NT5C3A|Q9H0P0
 30254 ATP6|A6ZGJ0 PTPN11|Q06124
 30255 ND1|A0A059QPU5 CHRM3|Q96RG9
 30256 DKFZp781H1925|Q68DI6 NYAP2|Q9P242
 30257 SLC6A9|J3KPA5 RASSF2|P50749
 30258 KCNH3|Q9ULD8 CYTB|G9LKS2
 30259 HLA-C|J7F572 MSH5|A2ABE9
 30260 ALKBH3|H0YDH4 FBXO18|Q14DG0

30261 ND2|E5E1A4 HLA-C|A0A0A7C9Q4
 30262 COX3|A0A059RID7 CALD1|Q9NYG1
 30263 HLA-B|E0YNM1 DPM2|Q96BP5
 30264 DKFZp667C1917|Q69YR1 TFPI2|H7C4A3
 30265 ZNF331|D6RH27 CAPN1|A0A024R580
 30266 RPH3A|F8VNW3 PLD3|Q8IV08
 30267 IMPA2|K7EIH6 CD6|G5E973
 30268 SOX8|P57073 CYTB|Q6RLD5
 30269 DRAP1|C9JCC6 CNN2|B4DDF4
 30270 CYTB|D2Y5Y5 TBX19|O60806
 30271 BMP4|A0A097PIE4 CHPT1|F8W1B3
 30272 FANCC|B1ALR7 LRRN4|Q8WUT4
 30273 CDH8|J3KRI5 RACGAP1|A0A024R136
 30274 TXNDC16|B7ZME4 NR3C2|P08235
 30275 RPL5|R4GNJ2 TLR4|K9MTL8
 30276 COX3|Q5Y0F3 cytb|Q85BA9
 30277 NRDC|B1AKJ5 CPSF4L|H9KVA5
 30278 CCL19|Q99731 SMAD5|D6R9D4
 30279 WARS|G3V4S4 ATXN3|D3VVE8
 30280 ND2|V9JUS8 CPSF7|F5H047
 30281 SCT|P09683 FAM162A|Q96A26
 30282 RDH5|F8VUB9 SNX2|D6RBT1
 30283 ND2|A0A059RID5 AFMID|K7EMI4
 30284 ZSWIM6|Q9HCJ5 HLA-C|D3U749
 30285 ND1|A8WDQ6 AK9|H7C517
 30286 RNF224|P0DH78 RBL2|J3KSF7
 30287 F11R|Q6FIB4 HLA-C|M9PA39
 30288 FARSA|K7ER00 NARS2|E9PRK2
 30289 PPP1R12C|A0A024R4S2 CNTNAP2|Q75MF8
 30290 FUCA2|Q7Z6V2 RASGRF1|Q8IUU5
 30291 CSNK2A1|B5BUH5 CYB5R4|A0A0A0MRM6
 30292 ATXN3|D3VVI3 METTL15|B5MC64
 30293 LOC150763|D3DXG8 COX2|F1AZF2
 30294 AMPD1|Q6F4B6 SLC1A6|M0R106
 30295 PCMTD2|V9GYG6 MFSD10|Q14728
 30296 MDN1|Q5T795 THBS4|E7ES19
 30297 TLR4|D1CS55 OR13G1|Q8NGZ3
 30298 KCNQ2|H0UI91 FAM178A|Q8IX21
 30299 ATP6|A0A0A0QMI3 AURKA|Q5QPD1
 30300 PXDC1|Q5TGL8 PDE6G|P18545
 30301 EXOC7|C9JKC2 GPC3|I6QTG3
 30302 MAP3K3|Q99759 EDNRB|A0A024R638
 30303 LARP7|H0YA82 HAUS8|Q9BT25
 30304 SYT9|Q86SS6 ARL4C|A0A024R4C5
 30305 ND4|A0A075X6Q0 ZNF608|A0A0C4DGB8
 30306 SLC25A14|Q5JY88 WLS|Q5T9L3
 30307 CYTB|Q4F0F2 G6PC|A0A024R1U9
 30308 ADCY4|G3V258 G6PD|Q0PHS3
 30309 CACNA1B|Q9HBG3 ND5|L7XLF4
 30310 ASPG|Q86U10 OR14A2|Q96R54
 30311 SCGB2A2|Q13296 ZDHHC14|B3KRY1
 30312 ECE1|A0A024RAF7 ATP6|B1NU66
 30313 NAP1L3|Q8IYV1 SNRPC|A0A0A0MRR7
 30314 AKAP11|Q9UKA4 MAN1B1|B3KQC5
 30315 CYTB|E9LBZ0 BRAF|P15056
 30316 CNN2|K7ES69 DUOX2|Q9NRD8
 30317 ZNF814|M0QYL6 GNGT2|O14610
 30318 PPIG|Q32LZ0 IRF5|A0A024R763
 30319 ZNF705A|U3KQ42 MDH1|C9JRL4
 30320 MUT|S4UML3 DKFZp434K1772|Q9UFG7
 30321 DTX3|A0A0C4DGI8 SV2C|Q496J9
 30322 TLR9|D1CS61 FBXL5|Q9UKA1
 30323 GNB4|H7C5J5 HLA-C|G1EMV2
 30324 HLA-DPB1|A0A0A7C8C8 ATOX1|O00244
 30325 HLA-C|D6ML76 API5|Q9BZZ5
 30326 RDH5|A0A024RB18 ABAT|H3BMJ9
 30327 DAZAP1|Q5IRM7 HP|J3QR68
 30328 EPB41L1|H7C2K6 ACTL6A|O96019

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30330	CYTB A6ZA95	CHPF F8W6H2
30331	ACTR3C Q9C0K3	PM20D2 Q8IYS1
30332	MED20 A6PVP4	ND3 A0A059QLM0
30333	BMP4 A0A097PIG0	ND4L Q0G884
30334	MBP J3KT34	ADAMTS1 Q9UHI8
30335	ZNF479 I0EZ75	VILL D6R9H2
30336	ELMOD3 B8ZZT8	HLA-C E0X9L9
30337	CYTB E2DGM0	HLA-C F6IQK4
30338	PLCG2 H3BQV5	TMEM9B Q9NQ34
30339	PIRT P0C851	CYB5R2 E9PQW2
30340	SMIM2 Q9BVW6	PTPN2 A8K3N4
30341	PJA2 O43164	DOCK4 Q149N2
30342	POLR3E Q9NVU0	CYTH4 B1AHH4
30343	GPN3 Q9UHW5	NT5C3B U3KQB1
30344	RAB42 Q8N4Z0	MTTP P55157
30345	FAM213A Q9BRX8	NAIP Q13075
30346	AGBL4 B1AMW3	CYTB A6Z2Y8
30347	ND5 F2WH76	CYP21A2 A1A5B1
30348	TLR5 B9VJ61	SEN3-EIF4A1 A0A087X0R7
30349	CD36 E9PLT1	KCTD21 E9PRT1
30350	BPTF E9PE19	COX1 A0A059QF37
30351	TEX13A Q9BXU3	COL5A2 P05997
30352	IFIT2 P09913	HLA-C S4T702
30353	NR4A2 C0KWD2	CRISPLD1 Q9H336
30354	ND1 A0S2N8	CYTB F2YTI2
30355	COPG2 Q9UBF2	METTL7A H0YI09
30356	HLA-A H6A2C1	SLC7A6 H3BPV6
30357	REV1 H7C263	CHST15 Q7LFX5
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30359	PHRF1 E9PJ24	CYP3A43 Q9HB50
30360	NDUFV1 G3V0I5	IL19 Q9UHD0
30361	ATP6 Q6R0Z3	BAZ2A J3KPG5
30362	GCK M4PS76	B4GALT2 O60909
30363	ELL P55199	NOTCH2 Q6IQ50
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30366	SLC40A1 Q9NP59	AP4M1 C9JC87
30367	COX3 A0A059QQF2	CANX D6RFL1
30368	ATP6V0A1 K7ERA0	GET4 Q7L5D6
30369	HLA-A A0A097PED7	FAM102A Q5T9C2
30370	ND5 Q9B2W1	TOLLIP Q9H0E2
30371	HCTP4 Q643R0	CDKN2C Q9P1T2
30372	COX1 H9RQ17	DZIP1L Q8IYY4
30373	HAGH Q16775	CNOT2 H0YH84
30374	NOS2 P35228	HLA-DPB1 A0A0A7C6N6
30375	IAPP A0A024RAU1	EARS2 H3BTB7
30376	RHOF V9GY67	CYTB E2FQU2
30377	BCO1 H3BPA2	HLA-C I6R1M9
30378	INTS10 H0YAU7	WASH A9QQ21
30379	DNAJC6 O75061	PELI3 E9PI91
30380	ZNF491 C9IYV0	VGLL4 C9JBN2
30381	ATP6 F6K6M4	BCL2L1 Q07817
30382	HLA-C A0A0A7C4V3	TCL1A P56279
30383	ARSK Q86W75	CYTB X5DS90
30384	SMARCE1 J3QKS7	YEATS4 O95619
30385	GPLD1 P80108	COX2 Q6RKW8
30386	COX1 A0A059QXM3	LIG3 K7ENR9
30387	PRES Q7Z7F4	HLA-DPB1 A0A0A7C8K0
30388	RGPD8 O14715	CORO1A H3BRJ0
30389	CYTB A0A023QCF8	RHCE A0A078N0E5
30390	ND2 L7XDQ5	IGFBP2 C9JMY1
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30392	CFTR Q6KEI2	NIPBL A2RRA7
30393	STX3 Q13277	GATA4 A9Z1I4
30394	CYTB H9LJY5	SAE1 M0QYM8
30395	MC5R P33032	RET B4DGX8
30396	SNIP1 Q8TAD8	STARD13 A0A024RDV4

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30398	NFS1 F8WB23	HLA-A U5YTN0
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30400	TFPI C9JBB3	PAGE1 O75459
30401	APBA3 O96018	UPB1 Q9UBR1
30402	SCNN1G P51170	USP28 Q96RU2
30403	CLEC2L P0C7M8	FTSJ1 Q9UET6
30404	ND3 A0A059RQE9	GAS2L2 Q8NHV3
30405	SLC27A1 B7Z225	NBPF3 Q9H094
30406	ZIM2 Q9NZV7	EIF3K B4DQ48
30407	USP33 Q8TEY7	RBFA Q8N0V3
30408	TBX20 Q9UMR3	RHD Q2A0N8
30409	HLA-C F6IQK7	ZNF608 B3KPE6
30410	SNCA D6RA31	COX2 A0A059RUP9
30411	HLA-B A0A060DAH3	PAX5 E7ERK2
30412	TLK2 J3QS44	CYP21A2 C7DU04
30413	CSRP2 F8VQR7	PRKCH G3V4Q6
30414	PGM2L1 Q6PCE3	SKOR2 Q2VWA4
30415	HLA-C F2VNN9	SLC17A9 Q5W197
30416	HLA-DRB1 D5FID0	EXTL2 O00245
30417	SPICE1 H7C5N4	COX3 Q305X3
30418	DKFZp667P103 Q69YM5	CHKB Q9Y259
30419	AQP11 Q8NBQ7	BLM P54132
30420	NAA16 Q6N069	ELMOD3 D6RHZ3
30421	LMNTD1 H0YFE3	AGBL2 Q5U5Z8
30422	WFDC12 Q8WWY7	CELF5 B4DFI3
30423	CYP19A1 Q45RG7	CFD P00746
30424	SERINC2 D3DPN6	HLA-C V5NW25
30425	ZKSCAN5 Q9Y2L8	CCDC102A Q96A19
30426	ETV1 C9J4P4	CYTB A8JLE7
30427	ISYNA1 J3QS51	ND6 H9S7N1
30428	ND5 Q5SAM1	GKN2 Q86XP6
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30430	HLA-C J7F4Z5	ND5 A0A096VYN4
30431	NUP160 Q12769	KCNJ16 K7EPW9
30432	ZNF41 A0A024R1C4	MAPK8IP1 Q9UQF2
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30434	CYTB H9NYB8	CIZ1 Q5SYW2
30435	ND2 F1AZ20	GNRH1 P01148
30436	ND3 A4GWW4	MUC4 E7ETT5
30437	SSX3 A0A087WWQ6	DKFZp686M19106 Q5H9P4
30438	ND1 F2WN29	CYFIP1 Q7L576
30439	HLA-Cw Q0PQ42	CRTAP B4DPA3
30440	CPEB1 A0A087X171	COX3 A0A059RHW4
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30443	MOSPD1 Q9UJG1	ING5 E9PEN0
30444	ETNPPL E7ENR6	ZDHHC1 Q8WTX9
30445	ND1 A0A059QR22	PITX3 A0A0B5HBE9
30446	hCG_24487 A0A024R261	VAV2 P52735
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30448	ND1 E5DY61	TCEA1 E5RK46
30449	ND3 F1AIH3	GPR68 A1A5B2
30450	ATP6 D0VDU7	EIF4E3 C9J6E5
30451	TRAIP E7ETV1	HLA-B Q9TP31
30452	FTSJ1 B7Z4K4	NPHP3 Q7Z494
30453	GCOM1 H8Y6P7	USP10 Q6P2I0
30454	ND6 A0A023R5S7	NSUN5 Q96P11
30455	NCAPG2 Q86XI2	RHCE E7EU00
30456	MDH1 C9JF79	ZNF84 F5H6X5
30457	ESPL1 H3BRX7	TNNT2 A0A0A0MRJ5
30458	RFPL4B Q6ZWI9	HLA-C F2VNQ0
30459	THOC5 Q13769	GNPNAT1 G3V4W4
30460	ZNF598 Q86UK7	CYTB H6TX03
30461	JOSD2 Q8TAC2	C10orf11 Q9H2I8
30462	NADH4 Q4GGG0	CNDP1 Q96KN2
30463	TRPM2 B4DVI8	ZNF140 I3L0I7
30464	CORO1B F5H0D2	MAP7D1 Q3KQU3

30465 ATP6|A6Z659 LIFR|P42702
30466 COL11A1|D3DT72 FREM3|P0C091
30467 SLC6A7|E5RJL1 CYP17A1|Q1HB44
30468 HAL|Q4VB95 PUM1|Q14671
30469 RCE1|Q9Y256 APCDD1|Q8J025
30470 RBM12B|E5RJ83 DKFZp686L04275|Q7Z3M3
30471 USP11|G5E9A6 DECR2|Q9NUI1
30472 TAGLN3|Q9UI15 OAZ2|J3QLV9
30473 RAG1|P15918 DNAJB1|M0QZD0
30474 ND2|C8XUZ8 SLC36A2|Q495M3
30475 PRKCG|H7BZ60 PRAMEF11|A0A087WW85
30476 COX3|A0A059QDQ3 HLA-DQB1|A0A0A7C686
30477 ND5|Q4EXY9 UTS2|A0AVP6
30478 WDR83|G3V221 STK38|Q15208
30479 WDR74|Q6RFH5 ZNF574|M0R133
30480 PERB11.1|Q99693 NME3|H3BPD9
30481 ND6|Q7YCE9 UTY|F4MHF2
30482 GLYR1|Q49A26 HLA-C|F8R8L8
30483 SLC8A1|E7EV41 CYTB|C8Y0Y9
30484 PCDHAC1|B2RNA7 SERPINB4|P48594
30485 MRPL1|H0Y8N7 EIF3M|Q7L2H7
30486 COX3|A6ZB50 HLA-A|F2VNB6
30487 EFCAB2|H7BY53 COX3|A1DTJ7
30488 EIF4A1|J3KS93 HLA-C|G1EQB5
30489 SHMT|Q9UMC8 GPER1|A0A087WVN0
30490 HSP90AB1|Q6PK50 KIF1A|H7C0K6
30491 HLA-A|I6QQS7 HLA-C|E0WBQ9
30492 PCDHGC5|Q2M272 KMT2E|A0A087WYW5
30493 ND5|F6N669 SLC19A1|E9PIL5
30494 FTH1|E9PK45 MRPL35|Q9NZE8
30495 TNNT1|Q56R94 ATPase|B1W8I7
30496 ND4|G5D7V2 COX3|E5E1I7
30497 MOG|Q16653 BCR/ABL|Q8TDA2
30498 PAM16|I3L3T0 F11|D6RB32
30499 CYTB|A0A059QEK9 ND1|R9Y4G3
30500 DEFB108B|Q8NET1 F9|Q19UG8
30501 atp8|T2HIA7 EIF3D|B4E1K8
30502 MAPK8IP3|Q9UPT6 MARVELD2|D6RAH8
30503 DAGLB|Q8NCG7 EWSR1|F8WC90
30504 ATP6|Q4F4Z6 STK17A|A0A024RA53
30505 RHD|L0RH60 PPA2|D6RAD3
30506 HNRNP1|H0YBK1 GGT2|B5MCK8
30507 ENPP2|E5RIA2 HLA-C|D5M8C1
30508 PLN|Q5R352 ZCCHC14|H3BS18
30509 LHX2|U3KQT5 PABPC1|H0YAP2
30510 NFIA|S4R3K5 CAMKV|A0A024R2U2
30511 SLC4A2|Q99654 TNFAIP3|D3TTZ7
30512 HDAC6|Q9UBN7 IMPAD1|H0YB38
30513 HLA-DQA1|A0A0C7DW92 SPHK2|M0R344
30514 PPM1E|A7E2X1 HDM2|Q86WA2
30515 COX3|A0A059QMC6 SCAF11|A8MTP4
30516 TNFAIP3|P21580 IRF7|E9PQ11
30517 KLK15|Q6UBM2 TCF7L1|Q9HCS4
30518 USH2A|O75445 CYTB|H9QKM7
30519 ND1|I3PZ06 SELENBP1|F8WCR4
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30521 ND5|B2XIN1 PPT1|E9PIA8
30522 HLA-A|R4NLT9 SIPA1L2|Q9P2F8
30523 ND3|A0A059R8S9 ZNF419|E5RIA3
30524 FADS3|H0YED5 DUB1|Q9H9C5
30525 HLA-DR15|G1EMY1 COX3|U5Z242
30526 RNF5|Q99942 HLA-C|E0X9M0
30527 MME|C9JR96 RAK1|W0UV99
30528 ST6GALNAC6|A0A024R8C6 LEFTY2|A0A024R3P5
30529 MAPK8IP3|G1UI24 RAPGEF3|Q569L6
30530 PPIL6|B4DEK6 ND4|L7NVA1
30531 factor|Q8WWQ7 ARRDC4|Q8NCT1
30532 STIM1|Q13586 CDKN2C|Q6ICV4

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30538	BTAF1 A0A0A0MTH9	EGLN2 Q96KS0
30539	MRPS28 Q9Y2Q9	RNMT K7EP06
30540	OTX2 P32243	PGM2 H0Y921
30541	IN080C K7E1Y8	ATXN3 D3VVN6
30542	RELA E9PM47	HMGCLL1 B7Z212
30543	HLA-C F8LSV7	COX1 L7P4C8
30544	NPAS3 Q8IXF0	APOBEC3H B7TQM6
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30546	CLPP Q16740	RAD54L2 Q9Y4B4
30547	DDX20 Q9UHI6	EIF4A3 P38919
30548	BRAF E2I6F4	DPH1 K7EQQ6
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30551	ZNF208 M0R1F2	MAP9 B9EJB6
30552	SLC16A3 J3QRP8	KIF1B A0A087WWA3
30553	HLA-C U5YC52	ZNF418 M0QYW9
30554	BAG1 J3QTA2	GPR77 Q6NWR0
30555	RABL6 Q3YEC7	TES E0X098
30556	LPIN2 Q92539	PFKM P08237
30557	MARK1 B4DIB3	BCAP29 A4D0R4
30558	NDUFS8 Q08E91	ESYT2 A0A087WXU3
30559	TONSL Q96HA7	HLA-C E2DHA1
30560	HFE Q9HC63	OR2T11 Q8NH01
30561	GTF2E1 C9J329	SLC34A2 D6RA94
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30563	BCL2 A0A024R2B3	HLA-DQB1 A0A0A7C7R9
30564	HLA-C G0ZDW0	GCK Q53Y25
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30572	ND3 A9LYR7	SLC9B1 D6RHJ0
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30575	ZNF248 S4R340	HLA-DPB1 A0A0A7C9U7
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30582	WDR12 Q9GZL7	ICOS Q53QY6
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30585	ATPase Q4GFR7	FANCC Q00597
30586	DUSP18 Q8NEJ0	KMO O15229
30587	C1orf168 Q5VWT5	COX3 G3EBI7
30588	ATG12 C1IDX9	HSD11B1L A0A087WWR3
30589	COX1 A0A059QPS5	SAMD11 I7FC44
30590	ROCK2 E9PF63	CDK1 E5RIU6
30591	TRIM3 E9PMW5	EIF4E1B D6RHE2
30592	HLA-DR15 H2DML3	ITGB6 P18564
30593	PITX2 U3KQ81	SLC36A4 Q6YBV0
30594	ND5 R9Y4B7	ERCC1 K7EMT9
30595	ZFP2 Q6ZN57	CASR P41180
30596	OBSL1 O75147	HLA-B G1EPN9
30597	NELFE E9PD43	PCDHB14 Q9Y5E9
30598	OR2W1 Q9Y3N9	HSPB2 Q16082
30599	PDGFRL Q15198	DBN1 Q16643
30600	TP53 L0EQT1	HLA-C H9BQ94

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 30603 MSX1|E9KXX8 DKFZp779C185|Q7Z656
 30604 MMP17|Q5U5M0 ATP7B|G1FFE8
 30605 UROS|A0A087X021 NAPS|A096009
 30606 HIBADH|A0A024RA75 LRRC4B|Q9NT99
 30607 HCR|A9XAL3 TBP|Q32MN7
 30608 ATPAF2|Q8N5M1 ZNF649|M0R1B1
 30609 POMK|Q9H5K3 POLD3|Q569I8
 30610 SCIN|E5RHX6 HCR|A9XAE7
 30611 MARCH8|Q5T0T0 PKN0X1|P55347
 30612 PXDNL|K4DIA6 OAS1|F8VUC8
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 30614 CCL28|D6RC73 TRAM2|A0A024RD84
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 30617 C1QC|P02747 JAK2|Q52R86
 30618 NAT9|J3KT72 ENO1|P06733
 30619 RERE|A0A024R4E9 BAG1|Q99933
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 30622 ERI2|A8K979 HERC3|Q15034
 30623 SLC41A3|D6RHE3 HLA-B|A0A0A7C7N6
 30624 AKR1B1|E9PCX2 ANXA2|H0YM50
 30625 CYTB|F8VAM3 PGA4|B7ZW16
 30626 TCEB3|Q14241 STAT4|Q14765
 30627 HLA-C|M9P9J7 TMEM67|A0A0C4DFP8
 30628 ND1|F2WN29 AURKA|A3KFJ1
 30629 MBTD1|Q05BQ5 GRK5|P34947
 30630 ASAH1|D3DSQ1 FCGRT|P55899
 30631 ECHDC1|Q9NTX5 CD74-ROS1_C6;R32|M1VPF6
 30632 SCYL1|E9PS17 DCD|P81605
 30633 ADORA2A|P29274 ABCB1|A4D1D2
 30634 HLA-A|G1EPA7 SUMF2|F8WA42
 30635 HLA-B|G1EPS7 WISP3|I6L9I2
 30636 ATP6|H9SDV9 CD37|P11049
 30637 IL4I1|Q96RQ9 ND6|A0A023QRK5
 30638 PHYHIPL|Q96FC7 HOXD1|Q96CA4
 30639 NTMT1|S4R338 JAML|E9PR26
 30640 CYTB|F8VA28 SUMF2|Q8NBJ7
 30641 FAT4|X2GA64 ND5|F1B5I2
 30642 SLC6A6|H7C1B9 COBL|O75128
 30643 LCMT1|I3L2Q8 LGALS1|Q3ZCW2
 30644 FES|H0YNT6 MUTYH|Q9UIF7
 30645 APOL1|U5LKP5 DNAJC24|Q6P3W2
 30646 EHD4|A0A024R9N6 HLA-C|J7F572
 30647 MED11|Q9P086 OGG1|H7BZM3
 30648 TMD3|H0YNJ8 CYTB|A0A075C8D8
 30649 MEIS1|O00470 ENPEP|B0BCY8
 30650 WDR7|Q9Y4E6 BTRC|Q9Y297
 30651 SLC9A5|Q14940 HLA-C|D6C6F0
 30652 DKFZp686P03208|Q7Z2Y9 ND5|D6C1N2
 30653 CTSC|I3V9S3 HMBB1|O97980
 30654 HLA-C|E0YTM2 PPP1R3B|Q86XI6
 30655 SEPT6|Q14141 C6orf15|Q6UXA7
 30656 HLA-Cw|Q8HWG1 C14orf43|A0A024R689
 30657 SLC38A9|Q8NBW4 HLA-DQB1|Q9TQE3
 30658 RBMS1|D3DPB2 CCDC85B|Q15834
 30659 RAB33B|Q9H082 ND5|Q541I1
 30660 TRIM15|A0A087X199 SEC16A|A0PJ75
 30661 FGFBP2|Q9BYJ0 RPH3A|Q6PKD5
 30662 PERB11.1|P78551 SGKL|Q6FHV7
 30663 TAF6L|B4DVM4 CASP2|C9JRR9
 30664 HLA-Cw*0707|O78213 NOLC1|Q14978
 30665 RBM4B|U3KQD5 HLA-C|G0ZML5
 30666 ND2|E9P6P8 LARGE|B7ZB85
 30667 LOXL2|E5RI22 FOXN3|H0YJ22
 30668 ATL1-delta|L8B862 TP53|A2I9Z1

30669 KIAA0323|D3DS77 COX1|H9P677
 30670 CTC1|J3KSZ1 FAM96B|Q9Y3D0
 30671 ND4|A0A023Q9G1 BIK|A0A024R4X6
 30672 SMOC2|H0Y3J4 NLR5|Q86WI3
 30673 TBC1D16|Q8TBP0 DUSP14|O95147
 30674 CYTB|A0A097QAL4 TRMT1|A0A024R7G3
 30675 TTLL3|R4GMR7 EQTN|Q9NQ60
 30676 HMGB2|P26583 HLA-C|V5LKW0
 30677 GBA3|A0A087WTY7 ZNF556|A0A0C4DGQ3
 30678 RPS3A|D6RED7 RPL10A|A0A024RCW3
 30679 HLA-B|K7QT39 INO80C|K7ELX9
 30680 FAHD2B|Q6P2I3 UPK3A|O75631
 30681 CLDN15|P56746 CYTB|A0A059QKH3
 30682 EIF2AK2|Q6PK38 TCF20|A9JX13
 30683 FOXF2|Q12947 TRIB3|B0QYQ2
 30684 LGALS9|J3KS82 NDUFV1|E9PLC6
 30685 PTRH2|Q9Y3E5 ND4|H9E785
 30686 APOD|P05090 HLA-C|J9PVP4
 30687 HLA-A|A7MAP4 ATXN3|D3VVF9
 30688 COX1|G9LDZ6 HLA-C|G0Z8E4
 30689 TNXA|Q16473 HLA-DPB1|A0A0A7C9B2
 30690 ND2|V9JY92 TFAP4|Q6FHM5
 30691 ARAP2|A0A0C4DGW1 GYS2|P54840
 30692 PCDHA10|Q9Y5I2 LMBRD1|Q9NUN5
 30693 ND6|T1Q6I5 ATP2A2|B0FYL2
 30694 ZNF527|Q8NB42 TMX3|H3BT89
 30695 RUVBL|Q96S08 CEP290|S4R322
 30696 ATP6|F1AZB5 TIAM1|C9JMB5
 30697 COX3|Q5Y070 SLC4A5|C9JW32
 30698 STARD10|H0YGN8 ND5|A6YUU5
 30699 PSMA4|H0YMA1 GDF6|A0PK22
 30700 HLA-A|C9E848 HLA-C|A0A0A7C5R0
 30701 ATP6|G4VZM4 LOC150763|D3DXG7
 30702 ND6|B2YBG2 RNF225|M0QZC1
 30703 EMP1|F5H397 KEL|Q0KH84
 30704 TLOC1|D3DNQ1 HEL164|V9HWH0
 30705 ND5|G9LMC9 NCBP1|F2Z2T1
 30706 ZFP30|Q9Y2G7 SLC25A19|J3KTL0
 30707 EID2|Q8N6I1 HLA-DR15|H2BDR9
 30708 KCNK4|Q2YDA1 HLA-A|B8Y6A6
 30709 POLR2F|B0QYL8 CCR5|Q5QIP1
 30710 THEM4|Q5T1C6 ND1|H9MRT0
 30711 HLA-DQB1|I4EPK4 ND3|F8VA07
 30712 NPAP1|Q9NZP6 ND4|X5BLB3
 30713 TENM2|Q9NT68 HLA-C|F2VNU0
 30714 CASQ2|O14958 DVL2|I3L2N2
 30715 RUNX1T1|W8FK78 KANK1|Q14678
 30716 OR2T34|Q8NGX1 TUBB|Q6P602
 30717 RAB34|Q96PJ7 NPAS3|Q8IXF0
 30718 EFCAB1|Q9HAE3 DKFZp686021248|Q6AI40
 30719 TMX3|H3BVI1 CYTB|H9M563
 30720 FAM19A1|Q7Z5A9 TIMP4|Q99727
 30721 APAF1|A5YM44 TMEM91|H0YGI4
 30722 RHD|A0A0A8WGH0 CDH23|A0A0A0MQS6
 30723 SLC12A4|I3L4N6 APOD|P05090
 30724 SLC22A7|Q9Y694 OGG1|E5KPM8
 30725 EXT1|V5QSK8 ND5|H9S5W3
 30726 HARS|B4E1C5 HLA-DPB1|A0A0A7C625
 30727 ND1|A0A059RJY0 FAM156A|A0A087X2G5
 30728 PRG4|Q92954 DTYMK|P23919
 30729 ZNF350|M0QY52 OR51I1|Q9H343
 30730 GTF3C3|Q9Y5Q9 RAD17|O75943
 30731 ETS2|P15036 ND4|C8YCK5
 30732 UGGT1|H7BZG0 HEXA|G3XL82
 30733 AP4S1|G3V5J6 LMNTD1|F5H8G2
 30734 VPS39|A0A024R9L9 TRIM16|O95361
 30735 KCNJ15|A8MVK1 OR8B8|Q15620
 30736 EVC2|A0A0C4DGE7 HLA-C|C0KJW0

30737 ND4|A0A059RB77 C7|P10643
 30738 CLCN7|Q9BRN4 NAP1L3|Q8IYV1
 30739 RDM1|B4DZ74 TRIM59|Q8IWR1
 30740 GCNT7|A0A087WZE6 TMEM38B|A0A0A0MRS4
 30741 COX1|B1PI08 CYTB|Q06TR7
 30742 DKFZp666G0810|Q658X4 A4GALT|Q6RJV9
 30743 PEBP4|Q96S96 CHMP6|I3L4A1
 30744 TCF24|Q7RTU0 POLA1|A0A087WU64
 30745 ZNF506|K7EIG2 ND1|E5E024
 30746 GALNT1|Q68VJ7 ATP6|A0A097PZD5
 30747 HLA-A|D7NNS8 HLA-B|A0A0A7C419
 30748 MST1R|A0A087WZG2 KCNH7|Q9NS40
 30749 Hosa(Biaka)-T2R48|Q50KF8 CCR5|A0A089G6S3
 30750 TMC2|Q8TDI7 HLA-DPB1|A0A0A7CAB4
 30751 TCF7|E5RG75 CTSB|E9PLY3
 30752 PGM3|D6RCQ8 FAM218A|Q96MZ4
 30753 BMP6|Q4VBA3 RAB6B|J3KR73
 30754 RGL4|B5MCW5 COX1|L7Y0W9
 30755 MB21D2|Q8IYB1 NOS3|E7ESA7
 30756 CD3EAP|O15446 KRT86|U3KPR1
 30757 CDK7|D6RIG9 NCALD|E5RIA5
 30758 CYTB|H9QRX4 DBF4B|Q8NFT6
 30759 ND4|W0C568 WT1|A0FJ58
 30760 ATXN3|D3VVD7 HLA-A|E0WBX1
 30761 H2AFX|P16104 RGMA|A0A0A0MTQ4
 30762 LDHC|F5H155 SIRT7|I3L2A4
 30763 PEBP1|P30086 CYTB|H9QIG0
 30764 INSIG1|O15503 SENP7|Q9BQF6
 30765 SYNPR|F8WDF9 GLUD1|E9KL48
 30766 FGF23|Q9GZV9 IPO5|C9JMV5
 30767 USP21|V9GY36 ATP6|E7CPM3
 30768 MSH5|A2ABE9 HDAC11|B5MCQ6
 30769 HLA-C|V5NXT8 COX1|H9SMX8
 30770 MEFV|O15553 HLA-DPB1|A0A076J9C2
 30771 HLA-DPB1|A0A0A7C884 HLA-C|G9I2N1
 30772 NCALD|E5RJT1 EPB41L1|Q4VXN1
 30773 KCNJ2|P63252 TPH1|E7EMX4
 30774 AGAP7|Q5VUJ5 NLGN3|Q9NZ94
 30775 NADH4|B1W861 MST4|Q499L9
 30776 ASF1A|Q9Y294 FNIP2|Q9P278
 30777 ND5|A0A0A0PQ84 EXOC6|B1AP46
 30778 VAT1|Q99536 ND4|D2Y6X5
 30779 SARS|Q0VGA5 P2RX5|K7EQ78
 30780 HFE|I1VA55 TMEM37|E7EMC0
 30781 DCAKD|Q8WVC6 DYRK1A_var1|N0GVR9
 30782 CERS2|Q5SZE4 NOSIP|M0R3B2
 30783 FLT-1|S5U0M6 RHCE|E1Y3Y3
 30784 ALOXE3|J3KPH2 ND5|G5D7V3
 30785 KIF9|A0A024R2R8 PTK6|Q13882
 30786 CYTB|T1Q7E5 CCR5|A0A089G3K0
 30787 ATP6|B2D3Q0 FANCA|O15360
 30788 HLA-C|G1EQI2 COL4A3BP|Q9Y5P4
 30789 ZNF274|A0A0A0MR47 USP17L22|A0A087WWE9
 30790 ND2|A1E1P3 DUS2|I3L1K5
 30791 WIPI2|A0A024R823 PHF13|Q86YI8
 30792 MBLL|O95205 ZNF558|Q96NG5
 30793 ND5|C9D5A6 HLA-A|D5FIG2
 30794 EPN2|Q6NSL9 MIOX|Q9UGB7
 30795 SCN4B|B0YJ93 MED1|Q15648
 30796 CLCN7|H3BNG8 ND4|H6TX00
 30797 AIFM3|C9JPU8 RBP2|D6RB89
 30798 MSX1|E9KY06 GDF3|Q9NR23
 30799 LRRC15|Q8TF66 MRPL4|X6RAY8
 30800 MYEF2|A0A087WUT0 PRKCDBP|Q969G5
 30801 PCOLCE|Q15113 HEL60|V9HNB7
 30802 cox2|X2D4U5 JOSD1|Q15040
 30803 ND4L|A0A059RHY0 CAPS2|Q9BXY5
 30804 MYO10|E9PCN3 CTSC|I3V9T0

30805	ATP6 G4VZS6	TRAM1L1 Q8N609
30806	HTR3E C9J420	ZSCAN31 C9JAI0
30807	ND4 U3L6N6	GSTA3 Q5JW85
30808	PXYLP1 B7Z3R9	TARS2 Q9BW92
30809	AICDA H0YGF6	HLA-Dw12 Q29971
30810	MX2 Q75MY8	CHN2 P52757
30811	ZNF69 C9JR48	ND4L H9E7U2
30812	CCHCR1 M1T2K8	LAMA4 A0A0A0MQS9
30813	ZNF569 Q5MCW4	FNIP1 Q8TF40
30814	HSPG2 P98160	NTN3 O00634
30815	HLA-DRB1 F2X654	SULT1A1 P50225
30816	ATP8 B4YCH1	TMEM63B H0YCP6
30817	HLA-C U5YF50	SLC9A9 F8WF83
30818	ND2 V9JGI4	GPD1L Q8N335
30819	MYB F8W8G5	HLA-A E2D5M5
30820	KLKB1 E9PBC5	CYTB U3KVN7
30821	CSN1S1 P47710	DNAJC6 O75061
30822	ROCK2 Q14DU5	ZEB2 O60315
30823	COX2 Q5SB08	RAB27B O00194
30824	HLA-C A0A0A7C4W7	SIRT2 A0A0A0MRF5
30825	ND4 K9M3N5	UTY F4MHB5
30826	OR9G1 Q8NH87	SKIV2L B4E0B4
30827	COX3 U3L8W6	TRAF4 K7ER49
30828	SPIDR Q14159	HIST1H1E A3R0T8
30829	DCTN1 ALK H8Y0Y3	AQP7 Q5T5L3
30830	DAZAP1/MEF2D Q5IRN2	C10orf2 Q9H6V3
30831	ND5 I3QB80	COX3 E7CLZ5
30832	COX2 Q7Y626	EGLN1 R4SCC4
30833	GDF9 O60383	ZNF80 P51504
30834	NSUN7 Q8NE18	GEMIN4 P57678
30835	MTMR4 J3QKV8	TPO E9PFM6
30836	SMPD4 H7C2J2	RPL4 P36578
30837	ATP11B Q9Y2G3	PARD6B Q9BYG5
30838	HPCAL1 C9JW46	SLC39A3 K7ENJ1
30839	COX2 X2C841	ZSCAN31 C9J423
30840	PFN2 C9JQ45	CD44 H0YF08
30841	OR51E2 Q9H255	KCNN4 M0R2E8
30842	CAPNS1 U3KQE2	rpB2 B2WTN6
30843	HLA-G O19805	MOAT-B O75555
30844	SLC5A10 A0PJK1	HLA-C U5YC89
30845	PIWIL1 A0A024RBS5	TCIRG1 H0YEL3
30846	TFG/ALK Q8TDJ5	LRP2 Q53TL0
30847	CD34 P28906	UBL7 Q96S82
30848	HYDIN F8WD03	VWC2L B2RUY7
30849	ND5 Q306C1	SLC2A8 Q9NY64
30850	TRIM65 Q6PJ69	NR2A Q547U9
30851	TMEM88 Q6PEY1	CYTB Q4EXD6
30852	CMKLR1 F8VSC8	TCP1 P17987
30853	UAP1 Q16222	CYTB H9QL59
30854	SMC4 Q9NTJ3	CDYL Q9Y232
30855	ADRA2A P08913	CP A5PL27
30856	STXBP5 Q14DD4	ZNF215 B4DYW9
30857	DMBT1 Q9UGM3	NMI Q13287
30858	CIAPIN1 H3BQ23	OSBPL2 E7ET92
30859	HLA-C E0X615	HLA-A M9P8Z4
30860	COX3 H9E7U0	SYPL1 C9JYN0
30861	AP3D1 Q6PK82	MID1 O15344
30862	CREB3L2 Q70SY1	RNF141 Q8WVD5
30863	cox2 X2D546	HNRNPLL Q8WVV9
30864	RNF31 H0YM83	PCK2 A0A0A0MS74
30865	ZNF30 V9GYJ2	ACOXL H7C345
30866	VIM Q5JVS8	HLA-C L0BVQ3
30867	MAPK3 E9PJF0	HLA-DQB1 A0A0A7C5Y6
30868	F5 P12259	SLC31A2 O15432
30869	RPSA Q96RS2	PROP1 O75360
30870	SERTAD2 Q14140	RPS6KB1 Q4G0X7
30871	RASGRF1 Q13972	SCLY H7C1N7
30872	FMN1 H0YM30	VAMP8 B8ZZT4

30873	SYNP02L Q9H987	HLA-DQB1 A0A0A7CA43
30874	KCNT1 C9JAX7	RPL13 A8K4C8
30875	RASAL3 Q86YV0	POU4F3 Q15319
30876	ND5 H9PF29	ADGRD2 A0A087WWT7
30877	PTCD1 075127	HLA-C I7A4F7
30878	MTHFSD Q2M296	GPATCH4 A0A0A0MRK1
30879	MBTD1 Q05BQ5	TRIM46 A0A0A0MS35
30880	ABCC5 015440	HLA-A U5IT50
30881	COIII Q4GMA4	ASXL1 Q498B9
30882	DDIT4 Q9NX09	OR4L1 Q8NH43
30883	ND4 H9A727	EVC E9PCN4
30884	GALC G3V5E8	NADH1 Q4GIA6
30885	NEK3 P51956	MYO9B M0R300
30886	ABCD4 H0YJ78	BRP44L Q5TI65
30887	ZNF845 M0R2N3	DRAP1 Q14919
30888	POTEJ P0CG39	CYTB X5DV23
30889	ATP6 B2XFD8	CYTB H9RZB5
30890	KCHN2 G0ZL81	ZNF71 Q9NQZ8
30891	HIF-1A I7GY10	DCTD D6RAD7
30892	ASIC3 Q9UHC3	IL4R H3BTD9
30893	MC3R P41968	MON1B Q7L1V2
30894	CHD3 H7C3H7	PRDM9 D2KI86
30895	CYTB A0A059RES2	SACM1L Q9NTJ5
30896	HLA-C B8ZXH3	CCND1 P24385
30897	ND5 F2WEU4	ROCK1 Q49AA3
30898	HLA-B I1W1M7	UGT1A4 B8K2F1
30899	HLA-DQB1 A0A0A7C974	ND2 G4W4W6
30900	ITGB3BP Q13352	POLD3 E9PRK3
30901	PPP1R12C K7EL81	MAPKAP1 Q9BPZ7
30902	WNT6 Q9Y6F9	FOXP2 A4D0T4
30903	FHIT Q0PUW1	ATP6 H9Q0D5
30904	COX1 H9LJV9	HLA-C M9P9D8
30905	SDC1 P18827	SLC29A4 Q7RTT9
30906	KNS2 Q7RTQ0	PSMC2 P35998
30907	CNTF P26441	ND5 A6ZH65
30908	HLA-DRB1 K7ZK48	DZIP1 Q05D25
30909	PNPO J3QQV6	ATP8 E5E129
30910	SERPINF2 P08697	ZDHHC19 A0A0B4J1W2
30911	RXRG P48443	SYCP1 Q15431
30912	TAF4B J3KTH2	ATP6 A4ZYE7
30913	AKIP1 B4DGE2	PAIP2 Q9BPZ3
30914	ILF2 Q12905	DNASE1 A0A089NFS3
30915	ND2 F2WEE2	NDUFA7 M0R1K9
30916	MED12 Q93074	PLAT B4DNJ1
30917	POMC K7QZD2	CCHCR1 M1T2K8
30918	SLC5A7 Q9GZV3	HLA-DR15 D6MJC0
30919	SAT1 P21673	HLA-DRB1 N1NTB7
30920	LCK P06239	COX3 A0A068C1X3
30921	MDH2 G3XAL0	BHLHB2 Q6IB83
30922	ROR1 Q01973	PIGP P57054
30923	OSBPL6 Q9BZF3	ACAD10 F8VXK4
30924	ZNF626 A0A087X1I5	ACACB Q4G170
30925	HMCE5 Q96FZ2	ANXA2R Q3ZCQ2
30926	AK9 H7C505	UTY F4MHQ1
30927	IKBKE A0A075B7B4	NUP50 Q9UKX7
30928	FOXB2 Q5VYV0	KIF6 Q6ZMV9
30929	PKN3 A0A024R8D6	DDX24 G3V529
30930	AP1AR H0Y8Y4	HBD D1MGP8
30931	GIGYF2 Q6Y7W6	SNRPD2 K7ERG4
30932	EGFL9 A0A024RD55	COX1 A0A059QED7
30933	NADH2 Q4GEA1	CGN B9EK46
30934	COX1 D6R536	ND1 Q4VGD7
30935	HLA-A F8R8H8	LFNG A0A087X191
30936	PIM1 A0A024RD25	STK19 P49842
30937	EFCAB9 A8MZ26	RGL4 B5MCW5
30938	HLA-B E0X9R8	SPATA18 D6RAX6
30939	HLA-A M4N6H6	CSF1R Q14085
30940	ND5 H9LPV9	GZMA P12544

30941 FLJ00080|Q6ZWP8 ELOVL6|A0A024RDK5
 30942 CYP2D6|Q3KPF3 COX2|A0A059S8A4
 30943 RPL35A|P18077 SEPT5|B4DJ62
 30944 NEK5|Q6P3R8 MYOC|B6ECI7
 30945 HLA-C|G3D6E1 XP07|Q9UIA9
 30946 ND5|H9PMN1 SYT9|E9PDN4
 30947 ND2|A4ZKY8 TRPS1|H0YAV4
 30948 ZNF83|H9XFB5 CFLAR|M0QYM0
 30949 ND6|H9QNX0 ELAVL3|Q96J71
 30950 SLC35A3|Q9Y2D2 APLP2|E9PK76
 30951 HHAT|A0A075B6R5 NIP7|Q9Y221
 30952 UTY|F4MH65 NFE2L3|Q9Y4A8
 30953 ND2|L7XNT1 DKFZp666D023|Q658U3
 30954 TFAP2B|X6R4Y8 HLA-B|Q9UQU1
 30955 PIEZO2|E7EVM7 ZNF606|F8W1C8
 30956 LANCL1|Q53TN2 HDM2|I6T2T0
 30957 CYTB|H9P8B5 ARHGAP8|Q6PJW1
 30958 MACF1|E9PLY5 CHODL|Q9H9P2
 30959 HLA-C|D6MKU9 ND5|A0A059QR29
 30960 COX3|Q6VHA9 FAS|E6Y7C3
 30961 SUGP2|M0R2Z9 RHCE|B3CL46
 30962 CLK4|Q9HAZ1 TNNT3|Q6P670
 30963 POLR2K|P53803 HLA-C|M9P923
 30964 SPRR2B|P35325 HLA-C|M9P923
 30965 MT-ND5|P03915 CD74|P04233
 30966 PPBP|P02775 HLA-C|F8R1B2
 30967 ATP6|H9LRH8 HNF1A|E0YMI8
 30968 UGT1A3|A7E1U7 BECN1|K7ER46
 30969 CTSB|E9PCB3 MTHFD1L|Q4VXV2
 30970 CSAD|Q9Y602 ND2|A0A059RX96
 30971 BOC|Q96DN7 COI|Q4GKW4
 30972 CYTB|A0A0A0QNF4 NADH5|B9ED14
 30973 MTF2|B4DZG1 WNT16|E9PH60
 30974 CHURC1|H0YHB4 ND6|Q4F0F3
 30975 AURKAIP1|A0A024R0F0 ND3|A0A059QL46
 30976 ND1|B2KLP9 ND2|A0A059QK46
 30977 COPG1|H0Y8G2 TOP1|P11387
 30978 HLA-C|A0A0A7C4M2 SMARCC2|F8VXC8
 30979 CYTB|X5C0K6 HLA-A|R4I3G2
 30980 DKK3|E9PKW6 MTHFR|P42898
 30981 GALT|D1MBF6 SLC2A11|F8WCV3
 30982 ND4|A0A097QFQ1 POLM|Q6PIY2
 30983 DCX|E7EU50 ABCB4|P21439
 30984 TRAF2|B1AMX8 IQGAP3|F2Z2E2
 30985 CYTB|A0A059QK23 HLA-C|F1CK28
 30986 TMEM63C|Q9P1W3 KCNK4|F5GZ20
 30987 ATP6|Q15IL5 REX01L1|Q8IX06
 30988 PHF19|Q5T6S3 HLA-C|D7NP01
 30989 COX3|X2CLI8 HLA-B|E2GJL4
 30990 TFIP11|Q8N523 RAP1GAP|Q5T3T0
 30991 ND1|B2XQK2 DPP3|G3V1D3
 30992 HIST1H2BH|Q93079 HLA-B|M5EDK8
 30993 KCNA10|Q16322 SDPR|O95810
 30994 PLA2G4F|A2RRC4 SLC35F6|Q8N357
 30995 C2CD4B|A6NLJ0 DKFZp564G1016|Q69YV6
 30996 GRIP1|Q9NZ03 SMC6|A0A0A0MRY1
 30997 ZNF230|Q9UIE0 HNRNPA1|P09651
 30998 CYP2C9|Q9UQ59 RHOB|P62745
 30999 CAPN3|A4FTZ9 PAX6|Q7Z5Y4
 31000 VGLL4|A0A075B6E4 ANKRD6|Q9Y2G4
 31001 Cytb|Q6XB16 DCAF12L1|Q5VU92
 31002 ND4|F2WNE2 CYTB|H9M5B5
 31003 DNMT3L|Q9UJW3 CARD8|A0A024QZD3
 31004 ZNF880|F5H026 COQ2|E2QRG7
 31005 CADPS2|X5D2D9 HLA-C|D7NP22
 31006 RUFY4|Q6ZNE9 WASH|A9QQ20
 31007 DQA1-0103|Q30062 CYTB|G9LDW7
 31008 HLA-C|G1EMT9 SRP14|H0YLA2

31009 MAN2A2|H0YKM7 ATPAF2|B4DG98
 31010 PALM2-AKAP2|B1ALY0 ND3|V9IWL9
 31011 EXT1|T2FFJ4 ATP6|E5F549
 31012 MYLK2|Q9H1R3 S100P|P25815
 31013 VCPIP1|Q96JH7 MED6|A0A087WYL7
 31014 GZMA|P12544 CPD|J3QQJ4
 31015 COX1|Q4EZA9 ACHE|P22303
 31016 ATP6|H9S385 MSL3|F8WC61
 31017 FKBP8|M0R1Q0 DSEL|Q8IZU8
 31018 NOC3L|Q8WTT2 GPR19|Q6IBH2
 31019 HNRNPD|Q14103 HLA-C|C5IZX6
 31020 ARHGEF7|Q14155 HLA-C|C6K4N1
 31021 SYNJ2BP|A0A024R670 CSNK1D|H0Y2N6
 31022 HNRNPL|Q6NTA2 TAS2R41|P59536
 31023 PPOX|Q96SE3 CAPZA2|A4D0V4
 31024 UGT2B11|O75310 INO80E|Q8NBZ0
 31025 RALGAPA1|H0YJ04 GRHPR|Q5M7Z5
 31026 ND5|S4STV3 KEL|P23276
 31027 PDGFRB|E5RH16 TUBB3|G3V3J6
 31028 UTY|F5H3N7 TCP1|E7EQR6
 31029 KRT31|Q15323 hCG_1804291|A0A024R4P6
 31030 VSX2|A0A0C5G2R3 ADNP|Q6DHZ8
 31031 UBE2E1|B7Z306 HLA-DR15|G1EMW7
 31032 HLA-A|Q7YPW4 HLA-C|M9P9K4
 31033 COX1|Q2HL32 HLA-A|E2DH75
 31034 ND1|A4ZM25 HLA-C|E0WBR6
 31035 CTNNA2|B9A010 PIAS3|E7ESB4
 31036 ZNF24|P17028 PTPRF|H0Y380
 31037 HLA-C|D7NNW9 KCNIP1|Q9NZI2
 31038 BIRC5|H3BLT4 HLA-Cw|Q2I7H5
 31039 POLR2E|A0A087WWX0 LRRK1|Q38SD2
 31040 PCDHGB6|Q9Y5F9 KLHDC10|Q6PID8
 31041 COX2|A7LF11 CRSP9|Q6IAZ5
 31042 FCGBP|Q9Y6R7 HLA-DRB1|A0A0A7C3E3
 31043 TAT|P17735 COX1|B7TD03
 31044 HLA-B|D5FHZ6 COX1|Q8WCY5
 31045 RBAK|Q9NYW8 PPP1R14B|F5H2U0
 31046 SARM1|Q05B42 HFE|Q9HC63
 31047 HLA-DQB1|U6EG31 ND4|A0A059S1L1
 31048 ERLEC1|Q96DZ1 HLA-C|A0A060VD03
 31049 COX3|H9Q589 USP43|V9GXZ5
 31050 DDIT4|Q9NX09 RECQL|P46063
 31051 GOT1|P17174 SLC27A2|G3V1R7
 31052 SEC11A|P67812 CTF1|Q16619
 31053 UST6|A4IF29 ND3|A0A059RSU6
 31054 MAPKAPK3|C9JPW3 FCH01|M0QXW2
 31055 CAPN12|Q6ZSI9 RAD9B|A0A024RBJ5
 31056 KIF5C|O60282 PCDHGA10|Q9Y5H3
 31057 HLA-C|M9P9P8 GTF2IRD2B|Q6EKJ0
 31058 ZNF630|Q2M218 RP11-301I17.1|A0A024RDX6
 31059 CYTB|A0A059QYL0 HNF1B|P35680
 31060 HLA-B|A5PI53 DKFZp686B1310|Q7Z3X4
 31061 RAP1GA1|A0A024RAB5 MSR1|B4DDJ5
 31062 FBX021|H0YHF6 MYH2|J3QLR0
 31063 CYTB|V9K486 KIF1A|H7C0K6
 31064 DIABLO|F5GX50 GLB1L|A0A024R439
 31065 DYNC1LI2|A0A024R6Z0 COPB1|E9PKQ1
 31066 HLA-C|I6M569 MMP9|P14780
 31067 C3orf58|Q8NDZ4 CX3CL1|P78423
 31068 MYO18B|F5H6I8 FGFR10P2|Q9NVK5
 31069 HEL-S-53e|V9HW83 ND1|Q6RRM1
 31070 ZFHX3|Q8N2Y6 RHD|I0CKF7
 31071 RERG|F5GYR1 mmp20|O43923
 31072 ANO5|Q75V66 G6PC3|Q9BUM1
 31073 KRT76|Q01546 RPGR|H7C4L1
 31074 PRELP|Q6FHG6 RGPD3|A6NKT7
 31075 AES|Q08117 ATXN3|C9JQV6
 31076 ATP6|B2D398 MCCC1|G5E9X5

31077 SNAP91|E5RGY9 ATP8|A0S8D6
 31078 PPP4R1|J3QLA6 IKZF1|A0A0A0MST1
 31079 ZNF682|M0QZ56 HLA-A|U5YBT3
 31080 TATDN1|E5RK70 RH0J|G3V4H1
 31081 SERPINB12|Q96P63 TAP1|Q6QWC0
 31082 PCDHGA3|A4FUP3 TEK|D9MND0
 31083 CDKN2B|P42772 HLA-B|D2DKM1
 31084 PRODH|C9JIW4 hCG_27868|D3DPZ1
 31085 GADD45GIP1|Q8TAE8 NADH3|B9EE38
 31086 ND2|Q27H21 CASP1|Q5FBZ0
 31087 PTPN22|Q9Y2R2 HLA-C|C5IZV4
 31088 FXYD7|K7ENE8 SEPT12|K7EP92
 31089 OR13C9|Q8NGT0 PRC1|H0YLA0
 31090 SIX3|O95343 KCNV1|Q76FP2
 31091 FSCN1|C9JFC0 ITGB2|A0A024DBF0
 31092 HLA-C|K9L7E0 ND3|G3CA14
 31093 CLN6|Q9NWW5 TATDN3|E9PPF0
 31094 HLA-DRB1|K7ZK48 NADH5|Q4GSD1
 31095 UBL5|Q9BZL1 ND4L|A1DSX8
 31096 SGK2|Q5H8Y5 HS3ST6|Q96QI5
 31097 HLA-B|D2DL41 RHCE|A0A0A1TSH2
 31098 ATP6|A7XUC2 ND5|L7XM56
 31099 COX2|X2C841 ZDHHC19|Q8WVZ1
 31100 MTMR4|J3QRJ2 PLEKHH2|Q8IVE3
 31101 SNX14|D6RJG9 ND2|H9SJA3
 31102 SETD3|A0A024R6K3 SLC12A5|M4PV53
 31103 TATDN1|Q6P1N9 HLA-C|B2Z3W4
 31104 ND5|A1DTD6 HLA-DQB1|A0A0A7C900
 31105 PLCZ1|H0YFH9 HLA-DR15|G1EMX3
 31106 NF1|J3QQN8 GATA6|Q92908
 31107 TOM1L2|K7ENB0 SLC1A7|F1T0D3
 31108 MECP2|E9LUH3 HLA-A|P13746
 31109 COX3|A0A059QP57 IREB2|D3DW85
 31110 GINS1|Q14691 HLA-A|C9WEM4
 31111 HLA-DPB1|O19699 CNTNAP2|X5D2E8
 31112 ATP6|I3Q644 NHEJ1|Q9H9Q4
 31113 OGFOD1|Q8N543 PNLIPRP3|Q17RR3
 31114 SEPT5|C9JM82 PIWIL1|F5H889
 31115 ZEB1|Q32Q63 ATP6|F1AKZ2
 31116 CDK7|D6REC6 HLA-C|D6C6D6
 31117 EMP1|F5H397 FGF7|Q6RK68
 31118 GNRHR|V9GZN9 HLA-DPB1|K0JBZ5
 31119 HLA-C|D6MLD0 DMGDH|E5RG50
 31120 ND5|A0A023I7R1 ND1|C7DRQ5
 31121 AP1G2|G3V532 STX6|O43752
 31122 POLR2J3|Q9H1A7 PTGES3L-AARSD1|C9J5N1
 31123 PPIG|Q2NKQ6 EE1D|E9PRY8
 31124 AIP|A7YDK2 SH2B3|Q9UQQ2
 31125 DDX55|A0A024RBS0 HLA-C|E0WN43
 31126 POLR1C|Q96HT3 HLA-DRB1|A7UHG3
 31127 POLR2G|E9PIU7 RPA1|P27694
 31128 PLD2|O14939 SLC22A24|A0A087WWM3
 31129 ND5|G4W5W3 MGMT|P16455
 31130 MAP7D1|C9JIR3 ND1|H9R1H9
 31131 RAD52|P43351 ND2|H9NQV7
 31132 HOMER2|Q9NSB8 ZNF274|M0QXW4
 31133 KLK15|S5TEP0 FTH1|E9PKM5
 31134 NELFE|A0A0A0MT02 SEPT1|I3L2M1
 31135 PCDHGA6|A4IF48 PHF11|H0Y4X7
 31136 AP3B1|O00203 CACNA1G|H0YAN0
 31137 SCGB1D1|O95968 ATP6|A0A023QYE6
 31138 FASTK|Q9BWD7 COX2|Q8HNR1
 31139 MMP21|Q8N119 ND2|F2WJ04
 31140 ATP6|A4ZYE7 PKP3|H0YEY5
 31141 NUCB2|E9PKG6 HLA-B|Q29836
 31142 HLA-DQB1I|K7R1Q4 RHD|A8YPS3
 31143 ACSS1|Q7Z5G3 TRP7|Q8WWL3
 31144 HTR2A|L7QJB5 FGFR1|E9PNM3

31145 CHMP4C|Q96CF2 LGALS3|P17931
 31146 TRAPPC4|E9PN70 SPRY3|O43610
 31147 ND5|A0A059RSY8 ND1|A0A059QHN0
 31148 RAB32|Q13637 ARRB2|I3L412
 31149 PHF11|J3KR57 ND4|A0A075CA14
 31150 DKFZp762B1216|Q69YK5 HLA-DPB1|A0A0A7C8L8
 31151 DNAH6|Q9C0G6 HHATL|C9JJ25
 31152 HLA-B|F6KRS1 HCR|A9XAF5
 31153 HLA-A|S4TZI2 ZNF10|F5H311
 31154 ZNF226|Q9NYT6 DUOXA1|Q1HG43
 31155 HEL112|B2RDW1 NECTIN3|C9JMW3
 31156 PLIN3|O60664 RASSF8|A0A024RB12
 31157 ATP2C1|D6RHV9 ADH6|D6RH17
 31158 COX2|A0A059QI72 HLA-A|F6IQY8
 31159 NFIL3|Q16649 ITGB1|E9PLR6
 31160 PDZD2|O15018 HLA-B|Q9MYB5
 31161 POLN|Q7Z5Q5 TNFSF13|C9JF68
 31162 ND5|A0S939 RECQL5|A5YM55
 31163 ANXA5|D6RBE9 SOX18|P35713
 31164 HSD3B2|A0A024R0F9 ZNF461|K7EJM1
 31165 SRGAP2B|P0DMP2 CYP21A2|C7DU00
 31166 ATG5|A9UGY9 ND4|K9R3M7
 31167 PRKCA|J3KN97 ATG4C|C9JC51
 31168 HLA-B|A0A0B7M9W0 KLHL22|C9J2T1
 31169 COX1|A1DTC8 ADAM23|A0A024R3W8
 31170 HSPD1|A0A024R3X4 C8B|P07358
 31171 EYA1|Q4A4D0 HLA-A|I6MHG0
 31172 HLA-C|F8R1C7 DLG2|Q15700
 31173 hCG_96198|A0A024R856 KLHL21|Q9UJP4
 31174 Hosa(Biaka)-T2R46|Q50KH0 CYTB|T1SWF3
 31175 PKP3|E9PKC4 PRSS1|Q45KI0
 31176 RHD|Q5QPZ8 ND4|Q8HCA7
 31177 PCTP|Q9UKL6 TIAM2|H7C5V6
 31178 SNTA1|B3KTR0 PDGFRA|D6RDX0
 31179 GABARAPL1|Q9H0R8 RANGAP1|P46060
 31180 BAZ2B|A0A0A0MR97 ATP6|A0A068C3D5
 31181 RALGAPB|Q86X10 ND4|H9Q5A5
 31182 C1orf51|Q5TB13 EPHA4|C9JIX8
 31183 IL1b|O43645 HLA-A|F8LSV2
 31184 IBSP|P21815 PRKRIP1|Q9H875
 31185 G22P1|Q6IC76 SOX13|Q9UN79
 31186 XBP1|P17861 COX1|A0A023Q552
 31187 UTY|F4MH30 ZNF561|F8W7U5
 31188 ALDH2|B0LUF9 METTL21B|Q96AZ1
 31189 ZBED6CL|Q96FA7 MRPL42|Q9Y6G3
 31190 ND2|Q5Q3N7 RBM19|A0A024RBL4
 31191 UCKL1|Q9NWZ5 ND1|F1B819
 31192 FBX034|Q9NWN3 RNPC2|E1P5S2
 31193 FERMT3|Q86UX7 F9|Q19UL8
 31194 ANXA2|H0YM50 cytb|Q4GBL7
 31195 NR4A1|H3BT85 KCNJ15|F8VW46
 31196 NTRK3|Q96CY4 PHPT1|Q9NRX4
 31197 NR4A2|C9J8W4 EFEMP1|C9J4J8
 31198 MC1R|V9Q977 PRUNE2|D6RTK6
 31199 KIAA0391|O15091 COG1|Q8WTW3
 31200 XPO1|C9JQ02 AASDH|R4GNB1
 31201 HLA-DQB1|A0A0A7C9I2 SYT5|O00445
 31202 IKZF2|Q9UKS7 ORMDL2|Q53FV1
 31203 PIKFYVE|C9JL08 COX3|C4PK82
 31204 CYTB|A0A097Q894 SLC12A5|M4PNB5
 31205 HLA-A|C8CH66 RSR2|Q7L4I2
 31206 CUL3|A0A087X1R9 SNX5|A0A087WUY5
 31207 HBA2|Q7Z6G4 TSC22D3|D6RDZ9
 31208 SLC35E3|Q7Z769 ND3|A0A059RVX9
 31209 NPR2|P20594 ACSM2A|Q08AH3
 31210 COX1|B2KM44 SCAF11|A8MUK0
 31211 ANTXR2|A0A0C4DG84 SPIN2B|Q5JZB7
 31212 MUC17|Q685J3 CYTB|B5M7X0

31213 IL7|Q5FBY8 DTX4|Q9Y2E6
 31214 RPL10A|P62906 ADAM19|E5RIS2
 31215 SEPT8|C9J4G8 COX1|H9SAN8
 31216 GTF2H3|A0A087WYD5 MED12L|B7ZMI1
 31217 C2orf88|H7BZ15 CWF19L1|D3DR67
 31218 PLD2|Q86YQ7 RHD|Q8IUC5
 31219 SLC5A6|E7ENN0 SLC2A4|I3L2R4
 31220 HLA-DPB1|A0A0A7C8R8 VN1R1|Q9GZP7
 31221 ZNF460|Q14592 HOX|Q16124
 31222 ZACN|Q401N2 ATXN3|D3VVD3
 31223 ICAM5|Q8N6I2 KRT5|H0YI76
 31224 HSPG2|Q2VPA1 ND2|A0A059QZ90
 31225 RECQL|A0A024RAV2 ND3|A0A059QPN2
 31226 PNCK|C9JEC5 PSGII|Q12811
 31227 MYLK3|Q32MK0 HLA-DPB1|D6CIB0
 31228 PI15|O43692 AP1G1|H3BNR4
 31229 MET|C9JKM5 CSF1R|A2VDG3
 31230 STX4|C9JFM5 CYTB|Q4EZ99
 31231 HLA-C|D7NP32 SPAG11B|A8MZA0
 31232 ATP6|A0A075QVS9 OR52H1|Q8NGJ2
 31233 TLR6|D1CS98 GFM1|D3DNL3
 31234 SLC9A3R2|H3BN50 cytb|B2XGU8
 31235 PHKG1|C9JME8 GMPR2|H0YKE1
 31236 WT1|W5S707 MOBP|C9JLT8
 31237 CYP27A1|Q02318 GKAP1|B4DXS0
 31238 FLJ10769|A0A024RDX4 CTNNA1|A0A087WZL6
 31239 HLA-C|A0A0A7C5Z1 LDHA|F5GYU2
 31240 ATP6|Q0ZEN3 HFE|I1VA66
 31241 KLK5|M0QXX2 RPH3AL|I3L3M9
 31242 SCML2|Q9UQR0 NT5DC1|Q5TFE4
 31243 ND3|A0A059QHV3 MICA|Q9UE00
 31244 HLA-A|D2XUR4 TPM2|P07951
 31245 CELF1|E9PKU1 IFT74|Q8IUUV3
 31246 OXCT1|A0A024R040 ND3|I6QHG6
 31247 CX3CL1|P78423 HLA-DRB1|A0A0A7C3D0
 31248 ND6|A0A096W049 HSPBP1|Q9NZL4
 31249 TNFRSF21|A0A024RD71 XAB2|Q9HCS7
 31250 HLA-DR15|H2BDR8 KHDRBS1|Q07666
 31251 ND1|A0A059RK86 ASAP1|A0A0A0MRE5
 31252 TMOD4|Q9NZQ9 AKT1S1|A0A024QZF6
 31253 ARPC1A|E9PF58 MRPL19|A0A0A0MRF4
 31254 DKFZp686F1754|Q6MZH6 TLE3|H0YNT2
 31255 DCTN2|Q13561 MAPK3|E9PJF0
 31256 KEAP1|Q14145 FOCAD|Q5VW36
 31257 SGCA|Q16586 DVL1|A0A087WWA7
 31258 MC1R|V9QB02 ARAF|A0A024R178
 31259 TMOD3|Q9NYL9 CTNNA1|E5RGY6
 31260 CSDE1|E9PNG3 MAOA|Q49A63
 31261 GABARAP|H6UMI1 LRRIQ3|A6PVS8
 31262 LAMB1|P07942 CYTB|Q6VKB6
 31263 WT1|E9PKS2 Nb1a04300|Q3LIE1
 31264 AFDN|F8W9I4 ZNF565|K7ESE2
 31265 COX2|H9E779 ADHFE1|E5RFL4
 31266 HLA-C|V5LM42 TMEM47|Q9BQJ4
 31267 HSR1|Q96QB8 C9orf43|Q8TAL5
 31268 LPO|F5H386 HLA-Cw|B5TRS5
 31269 COX2|A0A097PYA5 ND2|X2C0J1
 31270 ND5|D2Y6W7 TRDMT1|B7Z8H2
 31271 CEP27|A0A024R9P0 IHH|Q14623
 31272 HLA-C|U5YF74 CLDN25|C9JDP6
 31273 SLC9C1|Q4G0N8 METTL14|D6RBL4
 31274 DOCK8|D3DRH1 PIN1|Q13526
 31275 ASCL2|Q99929 CYTB|C8XV35
 31276 ZNF274|M0QXW4 AKAP1|I3L0W0
 31277 IRF9|H7BXP4 CA6|P23280
 31278 HLA-DQB1|A0A0A7C6P9 DOHH|Q9BU89
 31279 PCDHA11|Q9Y5I1 SEC61A2|A6NK38
 31280 PCYT1B|F2Z2B1 SERPINB6|P35237

31281	ND3 H9SLH6	ZNF652 Q9Y2D9
31282	SC5D E9PQ91	S100A2 P29034
31283	PILRB Q9UKJ0	HLA-DPB1 A0A0A7C622
31284	COX1 U5YWV7	PIM2 A0A024QYW7
31285	ALYREF Q86V81	EIF4EBP2 A0A024QZM3
31286	SEPT8 A6NMH6	DXO O77932
31287	ELM02 Q5JVZ5	COX3 H9E7L2
31288	DDX39B Q5STU3	PKM B4DNK4
31289	PROKR2 Q8NFFJ6	ZSCAN31 Q96LW9
31290	A2M F8W7L3	LYZL6 O75951
31291	TRIM37 J3QSA0	ATP4B P51164
31292	ELN A7L3I8	OR4C13 Q8NGP0
31293	HLA-C C6K4K1	SLC02B1 A0A0A0MTF1
31294	ATP6V0E1 E5RHL5	TRAPPC2L Q9UL33
31295	DCTN1 C9JJN7	HLA-C H2DMJ7
31296	PGAP1 B4DYY6	RGS12 Q506M0
31297	ND3 X5BZL0	COX1 A0A059RSB9
31298	KDELRL2 P33947	ARNTL2 H0Y5R1
31299	STX18 D6RF48	HIST1H1E Q4VB24
31300	VEGF Q6WZM0	AGAP5 A6NIR3
31301	HLA-C G3D6C5	ALG8 H0YD42
31302	HLA-C C9WER8	ASRGL1 A0A087WZ15
31303	GNB5 A0A024R5V3	NASP P49321
31304	TBPL2 Q6SJJ96	TPK1 Q75MX1
31305	LTK A0A024R9Q5	PCDHA13 C9JA99
31306	ENOPH1 Q9UHY7	CENPP A0A087WTF1
31307	KIAA1212 D6W5D1	NRBF2 Q96F24
31308	KCNIP1 A0A0C4DFQ7	PARD3 Q8TEW0
31309	TNNI3 Q6FGX2	MSS51 Q4VC12
31310	KLK3 Q546G3	UTY F4MHB5
31311	CYTB A0A096WFG4	HLA-A G1EPB6
31312	ORMDL2 F8VXD5	GLT6D1 Q7Z4J2
31313	CYTB A0A0A0PTP0	NOL3 O60936
31314	HLA-A E7AJF9	ASAP3 Q6PJ46
31315	HLA-E Q6KBZ5	AT3 Q8IZZ8
31316	BCHE F8WEX7	G3BP1 E5RIF8
31317	SLC26A7 Q8TE54	DYNC1H1 Q14204
31318	HLA-A D7NNM4	ZNF100 M0R0Q1
31319	OLIG3 Q7RTU3	FLRT3 Q9NZU0
31320	PLXNB3 H7C3L0	ND5 U3LRZ3
31321	RORB Q58EY0	TMPRSS5 Q9H3S3
31322	ARHGAP8 Q6PJW1	FTH1 E9PKM5
31323	PEX11B H7C3V6	B3GNT7 Q8NFL0
31324	DNPH1 O43598	KRT76 Q01546
31325	TRG14 Q597H1	EIF3C Q3B7B9
31326	PDHA1 P78557	TCF7L1 Q53T87
31327	SPACA1 Q9HBV2	GPR162 Q16538
31328	BATF G3V266	TOPBP1 A7E2X7
31329	MSL3 Q8N5Y2	RPL8 P62917
31330	ZNF645 Q8N7E2	HLA-A D6CIC1
31331	HLA-C M9P9T6	CYTB H9REL7
31332	GAL3ST1 C9JLB5	CKMT1B C9JJX8
31333	AEN Q8WTP8	SARDH Q9UL10
31334	TRIM39 A0A024RCP5	SYPL1 H7C4J8
31335	HLA-DRB1 B2CKL1	C12orf50 Q8NA57
31336	GPX3 H0YC19	SS18/SSX2 Q8IZG6
31337	HLA-C F6IQM1	SPDYE6 P0CI01
31338	ACOX1 A0A024R8L7	AMER2 Q8N7J2
31339	HLA-C Q6T391	BTN1A1 Q13410
31340	GTF2F2 P13984	GABRA1 E5RHL6
31341	HLA-C D5M8B8	COQ4 Q9Y3A0
31342	MT4 P47944	TUBA1A Q71U36
31343	CMPK1 P30085	ATXN3 D3VVH2
31344	PAAF1 Q9BRP4	UFD1L C9J7C8
31345	DARC U6NJ48	NAT2 A4Z7P9
31346	SLC30A3 C9JV68	DNHD1 J3QRE5
31347	HMG1 Q3B790	PGP A6NDG6
31348	APC2 B5MDS5	NFKBIE A0A024RD24

31349 C10orf99|Q6UWK7 CCL4L1|Q8NHW4
31350 HEL-S-41|V9HWF8 CYTB|A0SC83
31351 RAF3|W0UV60 SPTLC2|A0A024R6H1
31352 hCG_1991833|D6W5G5 POR|C9JU80
31353 DKFZp781C1038|Q68CP6 SLC25A29|G3V5F4
31354 SAP130|Q96DP1 PKM|H3BTN5
31355 RBM41|Q96IZ5 SLC7A11|Q4W5A5
31356 ARHGAP5|Q13017 DUX4|E0Z3H5
31357 FAM156A|A0A087X275 PLCG2|P16885
31358 PRKCH|B5BU77 F5|C8C1T1
31359 SPHKAP|Q2M3C7 POLR1A|O95602
31360 GALT|H0YJG8 SFTA3|P0C7M3
31361 GCK|M4PPI4 RHCE|G0TQY4
31362 DKFZp666D193|Q658U4 ND4|B4YBV5
31363 SH3BP5L|Q96ET3 CTSC|P53634
31364 DENND3|A2RUS2 PIGZ|C9JQX2
31365 NLGN4X|A0A0A0MTH0 ZNF155|K7ELA0
31366 KRTAP12-1|P59990 SCN5A|A3EY18
31367 BRCA1|A0A068BFW2 Hosa(Biaka)-T2R43|Q50KJ2
31368 ATP13A3|Q9H7F0 EPC1|Q9H2F5
31369 CYTB|H9P068 HSD11B1|A0A0A0MQV1
31370 KLK5|A0A024R4G4 HLA-C|D5L9D9
31371 MAN1A2|H0Y543 GLI3|A0A024RA92
31372 FXDY1|O00168 COX3|A0A068B5M3
31373 CAPN14|F1LLU4 DNASE1L3|C9J0L2
31374 BAHCC1|Q9P281 PNKD|A0A024R415
31375 PHF12|K7EQP5 ND6|E5DYD7
31376 CHR11SYT|Q9BQS1 EBAG9|O00559
31377 ECE1|P42892 ZFAND2B|E9PFU9
31378 RHCE|A0A0B5JG23 DKFZp313G1618|Q69YR9
31379 ZNF264|O43296 NDRG1|E5RGM5
31380 WSB2|Q9NYS7 GFAP|K7EKD1
31381 NANOGP8|J7H9T4 ATP5J|Q6NZ59
31382 HLA-G|Q6B9Y3 ND5|Q4F604
31383 FGF3|P11487 ZNF81|B1AJV1
31384 ZNF567|K7EMD5 FTH1|E9PRK8
31385 TUBB2C|Q8N6N5 RAD17|D6RHU1
31386 IFT81|H0YHE2 ATP8|G3C9Y5
31387 ZNF627|Q7L945 SLC25A17|B1AHN4
31388 CHRNA4|P43681 PLEKHA2|A8K727
31389 TTC28|Q96AY4 OR6B1|O95007
31390 KCNA7|B2RU13 KRT13|K7EMD9
31391 USP17L21|D6R901 ABLIM3|O94929
31392 HLA-A|A0A0A7C6S8 TAP2|Q5JNW1
31393 ODC1|C9JG30 HLA-C|F2X625
31394 HLA-C|G3FIP9 ZNF841|Q6ZN19
31395 PAIP2B|Q9ULR5 SKA2|Q8WVK7
31396 SYNE1|F5GYQ7 TMBIM6|F8W1V3
31397 CCDC88A|C9J225 HLA-C|E0WN42
31398 HLA-C|R9RH45 ND2|G3EBP7
31399 ATP6|H9T0U2 COX1|B3GSQ2
31400 ND5|X2JJ49 TMPRSS13|Q9BYE2
31401 HLA-C|F6KS16 CLNS1A|E9PJF4
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31403 PTPRM|Q49AC9 DKFZp77900162|Q6AW80
31404 HOXB13|Q92826 ENOSF1|J3QSB6
31405 PROC|Q8J007 ZNF701|M0R085
31406 ARL1|F8VYN9 UHRF2|Q96PU4
31407 ZNF358|M0R2S5 SOX2|A0A0B5HP19
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31410 TXNL1|K7EML9 UBN1|K7EQR1
31411 POLR2F|P61218 ND1|A4ZLF6
31412 RHOA|C9JRM1 ASRGL1|Q9BRH2
31413 PLCZ1|H0YFH9 FLJ13057|Q53SE7
31414 GRIK2|H7C2P5 ARID4A|H7C485
31415 ND5|F2WG10 TRPM4|M0QZ19
31416 APOBEC2|Q9Y235 CADM2|Q8N3J6

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31418	TSR1 Q2NL82	SCIN Q9Y6U3
31419	COII Q4GCG2	ABHD13 A0A024RDX1
31420	TTL Q8NG68	FCGBP Q9Y6R7
31421	DUSP23 Q9BVJ7	COX2 H9T056
31422	PABPC1 H0YB75	YWHAZ D0PNI1
31423	ZNF705A U3KQ42	RHD T2LLP2
31424	CLU E5RG36	FOXO6 A8MYZ6
31425	TAS2R9 Q9NYW1	ZNF226 K7ERY1
31426	NADH6 Q4GQW0	ATP6 G9LLL4
31427	REST L0B3Z2	HLA-C H9BYU6
31428	ISCA1 Q9BUE6	DTX2 Q4ZH49
31429	HAUS1 K7EK72	ARHGAP15 Q53QZ3
31430	HLA-B G1EPS6	CDK14 O94921
31431	ND4L A0A059RU01	COX1 Q6RKZ7
31432	ND5 H9T5H2	NUSAP1 Q9BXS6
31433	LIMCH1 Q9UPQ0	PSMA8 F5GY34
31434	HLA-B G0KXF8	KCNMB2 B5BNW7
31435	TLS-ERG Q16324	ND2 L7XQT2
31436	OPN5 D6RDV4	GPX4 A0A087X247
31437	MAPK11 Q15759	NTRK3 Q96CY4
31438	ATP6 G4VZ16	RCHY1 G3FDP4
31439	STK16 O75716	ZNF329 A0A024R4Q4
31440	MSX1 E9KXT8	ND5 A0A068BUU2
31441	SSBP4 U3KQP2	NEUROG2 Q9H2A3
31442	FKBP14 A0A090N7V8	INF2 Q27J81
31443	LONP1 K7ER56	MCM9 H0Y6M9
31444	ND5 Q4VFA5	HLA-A I2B305
31445	ATXN3 D3VVI3	MOBP C9JAR7
31446	EZH1 K7EJU6	HLA-B D5FZL4
31447	ND2 V9J9X6	IST1 H3BQF7
31448	DKFZp686K0542 Q5CZA7	PLLP Q9Y342
31449	FADS1 F5H3U5	CCDC112 Q8NEF3
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31451	COX2 A0A059S8A4	TRIB1 E5RFH4
31452	OR17-16 O43880	SELV P59797
31453	MYH8 P13535	ATP6 W8DBL0
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31457	DKFZp686N0561 Q5CZH6	TBC1D3C Q6IPX1
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31459	CD7 P09564	ND1 A8DBG1
31460	TNFSF13 Q2QBA2	PLCB3 Q01970
31461	COX3 Q5Y0H4	HLA-A Q2L9H3
31462	TCF4 H3BTP3	LRRC10 Q5BKY1
31463	AFMID K7EMI4	USP31 Q70CQ4
31464	HLA-C G1EQ82	NCAPG2 Q86XI2
31465	DHPS A0A087WZK0	VIT Q6UXI7
31466	ND4 A1DV51	DKFZp686N1969 Q68E09
31467	LRRIQ3 A6PVS8	TMA16 Q96EY4
31468	ZNF235 K7EKI9	NME1 E5RHP0
31469	hCG_24991 A0A024RB27	ME3 Q6TCH8
31470	CACTIN Q8WUQ7	UGT1A9 Q4R0Z6
31471	EFHD2 H0Y4Y4	CD5 H6DA16
31472	HLA-A D6MLM5	HLA-C V5NXS8
31473	LETMD1 F8VS60	SPAG5 A4FUA2
31474	SRY Q52MY0	MAPK15 Q8TD08
31475	NR2A1 B6ZGT3	ND5 E9JWJ0
31476	HLA-C B2Z3W4	PPP1R13L K7EN03
31477	HLA-DPB1 A0A0A7C5Z4	EPB41L1 Q9H4G0
31478	ESRRA Q569H8	TMEM223 A0PJW6
31479	ZMYND11 Q15326	ZNF239 Q16600
31480	NBEA Q8NFP9	PTPN22 Q9Y2R2
31481	WNT11 O96014	MSX1 E9KXY5
31482	REEP2 Q9BRK0	MLH3 A0A024R6H5
31483	AURKB J3QLN8	SFXN1 S4R2X2
31484	USP11 P51784	SAE1 M0QZS6

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 31486 TOPAZ1|Q8N9V7 IFT81|A0A024RBJ1
 31487 TRIM17|E5RI62 HLA-DRB1|A0A0A7C3C4
 31488 PVRL2|Q7Z458 EIF4A1|J3KSZ0
 31489 PCP4|P48539 AZU1|P20160
 31490 HLA-C|A0A0A7C4P7 OLIG3|Q7RTU3
 31491 RCOR2|F1T0J8 HMGCL|B1AK13
 31492 ND1|A6Z2S4 ANTXR1|Q96EC6
 31493 HLA-DPB1|A0A0A7C9G0 DALRD3|Q5D0E6
 31494 RPL17|J3QLC8 CYTB|A0A059RR40
 31495 TGFBR1|B4DY26 CS|F8VPA1
 31496 ZBBX|B7ZMD2 DAOA|P59103
 31497 HGF|P14210 RPL15|E7ENU7
 31498 ZNHIT2|Q9UHR6 HLA-DPA1|D9YLZ6
 31499 HLA-C|H9C8X8 CDKN1C|B2D1N3
 31500 BUB1|C9JQA4 GGT1|E7ETN1
 31501 OR8B2|Q96RD0 NADSYN1|A0A0B4J216
 31502 CYTB|A0A059QRJ6 CYTB|H9P003
 31503 ND4|Q2LHT7 KISS1R|K7EQ45
 31504 APC|Q9P119 PTPN3|P26045
 31505 TLR7|B2R9N9 PITX3|A0A0B5HLC0
 31506 PPIAL4A|Q9Y536 PGC|Q4VXA6
 31507 CHRM5|A0A024R9I2 CACNA1S|B1ALM3
 31508 ASRGL1|A0A024R573 HMOX2|I3L1F5
 31509 THOP1|K7EP46 HLA-A|E0YTI8
 31510 H2AFZ|P0C0S5 ROR2|A1L4F5
 31511 PCSK1|A1L3V6 ABCG2|H0YAF1
 31512 BMP3|D7NTK9 ANXA8|P13928
 31513 OR10A2|Q9H208 STMN1|P16949
 31514 FAM135A|Q9P2D6 PPT2|A2ABN6
 31515 JOSD1|B0QY58 HLA-A|D6ML53
 31516 HLA-C|I6M570 COX1|Q6VLK7
 31517 EFCAB3|E5RJ87 ALF|Q53S48
 31518 KCNQ5|A0A0A0MRC8 APBA2|H0YMS0
 31519 TOP3B|F2Z2A5 PKP4|H0YFB1
 31520 HLA-C|U5YD57 BPIFB1|Q8TDL5
 31521 HDM2|I6T4L2 TTI1|O43156
 31522 USP7|Q93009 SCTR|P47872
 31523 HLA-C|C7FDU1 NR2E1|Q9Y466
 31524 ATP6AP1L|Q52LC2 CYP2D6|P10635
 31525 UTY|F4MHP0 ND5|B2D465
 31526 CYTB|V5JSN2 CCNI|H0YA27
 31527 ARFGEF3|Q5TH69 SLC9A3R2|H3BN50
 31528 PRRG2|Q8TAS3 HLA-C|G1EQL9
 31529 CENPV|Q7Z7K6 POLA2|Q14181
 31530 ZNF571|K7ELU5 CDK5R1|Q8N619
 31531 MYL6|F8W1R7 C9|P02748
 31532 SH3GL2|Q8IZ09 GALK1|Q71UH7
 31533 ND3|A0A059QEE7 EE1A1|Q6NSH7
 31534 CCND3|D6RI00 PBX4|H0YL59
 31535 PSPH|A0A024RDL9 DOT1L|A0A087X1A7
 31536 PICALM|E9PI56 OR51A7|Q8NH64
 31537 ND5|A0S8Q9 FOPNL|I3L0K3
 31538 COX1|B2XGN6 RBM33|A0A0C4DFS3
 31539 NDUFA1|O15239 CTSC|I3V9T0
 31540 HIPK4|Q8NE63 GSK3A|P49840
 31541 HLA|Q29923 CAPZA2|P47755
 31542 MARK4|Q6IPE9 HLA-DRB1|D0VE58
 31543 TOP3B|C9JEQ1 HLA-C|V5LL97
 31544 COX2|A0A059SAH5 CAP1|Q5T0R4
 31545 RALA|H7C3P7 PEX11A|Q29R61
 31546 DPYSL3|Q8IXW6 YOD1|Q5VVQ6
 31547 ZNFN1A2|A0A024R441 ALPK3|Q96L96
 31548 INO80C|M0R3E2 PARD6A|Q9NPB6
 31549 UBQLN2|Q9UHD9 KTN1|Q86UP2
 31550 ND4L|A0A059RUH3 IGFL1|Q6UW32
 31551 CYTB|A0A075C8D8 SNRPB|Q66K91
 31552 ATP5B|F8W079 SFXN2|R4GN63

31553 HLA-Dw12|Q29971 RIBC1|Q8N443
 31554 STON2|Q17R23 TAS2R3|Q9NYW6
 31555 ND5|K4GXW9 PISD|A0A024R1K5
 31556 CABP4|A0A024R5K4 ATPase|Q4GEP0
 31557 ND2|A0A068BZL1 XIAP|P98170
 31558 UTX|Q590H7 NDUFV2|Q6IPW4
 31559 HLA-C|M9P9U4 IST1|J3KR23
 31560 PDE11A|E9LCZ2 NR2F2|P24468
 31561 NME6|C9J867 ATXN3|D3VVF1
 31562 LILRB3|O75022 FAM129B|Q96TA1
 31563 HLA-C|G1EQ52 ADRA2C|D6RGL0
 31564 CDK12|J3QSD7 LBP|P18428
 31565 HLA-A|G9HW68 SNAPIN|O95295
 31566 SIRT6|M0R1N9 CABIN1|Q9Y6J0
 31567 PAQR8|Q8TEZ7 FAIM2|Q9BWQ8
 31568 SAP130|Q96DP1 IFITM1|A0A024R210
 31569 RAD52|F5GX32 EDIL3|O43854
 31570 PRODH|O43272 SPDYA|Q5MJ70
 31571 ANO2|Q9NQ90 GET4|Q7L5D6
 31572 AIPL1|F1T0B6 ND5|H6TVN3
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 31574 NADH4|Q4G8Y4 KEL|Q0KH84
 31575 HEL-S-153w|V9HWF6 ZNF331|A0A024R4J5
 31576 PEX5|P50542 ZNF850|A0A087X0M6
 31577 OR5T1|Q8NG75 AGBL4|H0Y5X4
 31578 ND5|L7XLF4 HLA-B|F2VP74
 31579 ISG20L1|A0A024RC82 STRN|O43815
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 31582 HLA-C|M9P9M0 IRF3|E2GIM7
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 31585 RDH13|G8JLA1 NCF4|B0QY04
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 31588 SELM|Q8WWX9 VCPKMT|Q9H867
 31589 G3BP1|E5RH42 ME3|Q6TCH8
 31590 RNF14|D6RAS4 KIF12|R4GN27
 31591 NDP|Q00604 CYTB|B5M7X0
 31592 ALDH9A1|B9EKV4 ND2|A0A059RVR1
 31593 RPS21|Q8WVC2 HLA-C|D7NP01
 31594 HLA-B|D2DL30 GPS1|J3QL53
 31595 HLA-C|V5LL23 FAM134C|K7EJ34
 31596 DHRS7C|A6NNS2 CFTR|Q6KEA5
 31597 SLC14A1|B4DFJ8 NPM1|A4ZU86
 31598 WNT9B|I3L0L8 CYTB|A6ZFQ1
 31599 LM03|F5GZR3 HLA-DR15|F1CCN5
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 31601 METTL2A|Q96IZ6 ND4|F2WE98
 31602 HLA-C|G1EMQ4 FAM46C|Q5VWP2
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 31605 UGP2|C9JUW1 HFE|K0IIP4
 31606 HLA-DPB1|A0A0A7C8R0 LCMT1|I3L2Q8
 31607 USP9X|D3DWB6 HLA-C|G0ZMK4
 31608 EXOC3|O60645 SOD1|X5D5A9
 31609 NELF|Q9BT66 SLC16A6|A1L174
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 31611 DCP2|Q8IU60 HLA-A|D6MJ96
 31612 CNDP2|J3KRD5 HLA-C|H2BDR3
 31613 PDPK2|Q6A1A2 HLA-DPA1|I2G9G1
 31614 IREB2|P48200 BICD1|A8MVZ6
 31615 MMP3|P08254 DKFZp686E0870|Q5CZA1
 31616 TESK2|Q96S53 RPS3A|D6RI02
 31617 HLA-A|X2KUQ3 ND4L|G9LG04
 31618 F11|Q9UEG0 TCIRG1|E9PNA6
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31622	SPEG Q15772	COX3 Q85KW2
31623	TP53 K7PPA8	ND5 T1SXJ9
31624	SCN4B Q8IWT1	ADAMTS12 D6REX0
31625	PAOX D3DXI4	IL1B C9JSC2
31626	MCM3 P25205	CYTH2 G5E9B7
31627	HLA-A D3U478	TSPY8 P0CW00
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31639	CLEC9A Q6UXN8	FHIT O00298
31640	PSMC3 E9PMD8	EBF4 Q7Z5T1
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31642	SIX6 O95475	EA2.1 Q30168
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31647	CALCR A0A0C4DG16	SEPT8 C9JV02
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31663	AASS A4D0W4	RAB6A' Q9UL30
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31665	ND5 H9QG52	POMGNT1 Q8WZA1
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31670	RSPH3 Q86UC2	F2RL2 Q4VBN6
31671	CYTB V5JMY1	CRMP1 E9PD68
31672	RBM23 G3V546	TARS2 U3KQG0
31673	HLA-A B5LZ18	HLA-C C9WEV1
31674	ADAMTS6 Q9UKP5	NCOR2 C9J7T7
31675	HIVEP3 Q5T1R4	TDP1 H0YJL7
31676	MSX1 E9KXU9	BOK Q53NU8
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31678	HLA-A U5YKF9	RHD A9P3T3
31679	XAF1 I3L3D9	OAS2 A0A087X0V5
31680	CPA1 C9JU24	MSX1 E9KXT8
31681	HLA-DQB1 U5IT30	FGF12 Q99517
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31685	COX1 B2XH81	PDE4DIP Q5VU43
31686	MOB3B Q86TA1	HLA-A Q9GIP0
31687	CTNNB1 B5BU28	MAP2K6 A8K3Y2
31688	SLC12A6 Q6NSI7	HLA-B D3U415

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 31691 HLA-C|M9PAN4 COX2|H9E7P8
 31692 PANX2|Q96RD6 IRF3|M0R0R8
 31693 HLA-A|F8RHD8 ELK1|A0A024R1A7
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 31695 RASSF8|F5H055 PPARGC1B|Q86YN6
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 31700 ND4|A0A075X6Q0 COX3|B2XEK5
 31701 GCFC2|S4R465 HLA-A|M1F5P2
 31702 AGPS|Q53SG6 CDK11B|J3QR29
 31703 IRX3|P78415 HLA-B|I6TRW4
 31704 HAUS1|K7EQT8 ESX1|A6ZIT5
 31705 ND1|A1E1U4 RNF114|A0A096LP02
 31706 HLA-DPB1|A0A0A7C722 ZADH2|Q8N4Q0
 31707 ST1A5|Q1ET65 SLC13A1|Q9BZW2
 31708 ZKSCAN1|P17029 FUT3|B3W6H0
 31709 HLA-B|D4HP79 COX2|G9LG51
 31710 TXNL1|K7ER96 HLA-C|F1AQQ5
 31711 CYTB|C8YID6 PVR|P15151
 31712 DPP10|J3KQK8 COI1|E2DTL8
 31713 DKFZp781L0846|Q68CS5 REPS1|H7C225
 31714 DIAPH2|K4DI95 SPNS2|Q8IVW8
 31715 RPS15A|H3BT37 HLA-A|F6IQW3
 31716 NIP|A8K9Q6 HLA-C|M9P8K9
 31717 COX3|D6N462 PSMD6|Q15008
 31718 PFDN2|B1AQP2 HLA-A|K7P5W6
 31719 HLA-A|F6IQW1 HLA-B|D2DKN8
 31720 ND3|A0A059RM18 SDC2|A0A024R9D1
 31721 TUBB|P07437 BCL2L13|A0A087WX97
 31722 RAD9A|F5H492 PkB-like|Q9UPJ7
 31723 IFFO1|Q0D2I5 CAP1|Q5T0R4
 31724 NR1I2|J3KPQ3 PSEN1|G3V4P4
 31725 COX2|B0Z6W4 CYTB|A0A023Q3M6
 31726 PRDM9|D2E459 HLA-C|C6K4L0
 31727 HLA-C|V5NW22 FUT5|Q11128
 31728 ST14|Q9Y5Y6 R3HDM2|B5MCU0
 31729 ZSCAN31|C9J6S7 SLC29A4|C9IYM7
 31730 RNF43|J3KSE3 MAP4|P27816
 31731 HLA-Cw|Q7YP80 MST1|P26927
 31732 BIN3|Q9NQY0 CNTN4|Q8I WV2
 31733 FLT4|A0A0A7DZ98 GBF1|Q92538
 31734 ZSCAN16|Q9H4T2 PRSS1|Q7Z5Y9
 31735 SZT2|Q5T011 SPRED3|B9EKV1
 31736 PPIL3|Q86UR0 RAB34|A8MYQ9
 31737 HLA-G|Q6B9Y6 CREB-binding|Q75MY6
 31738 FMN2|Q96L17 KPTN|M0QZ83
 31739 OXSM|F8VNS3 RNF43|Q68DV7
 31740 CYTB|X5BZI9 THRAP1|A0A024QZ75
 31741 PADI4|Q6EVJ1 RGL4|A0A087WWL2
 31742 RFX7|Q2KHR2 DBN1|D6RCR4
 31743 NFKB1|D6RH30 UGT1A3|B1MV79
 31744 HLA-A|G1EP09 ABCB4|A8HT72
 31745 ZNF268|K7EMS6 EPHA3|E2I6F6
 31746 SLC37A3|H7C594 ND3|Q9B2V9
 31747 P2RY6|F5H7H9 MECP2|C6KG45
 31748 SEC11L1|A0A024RC78 ZCCHC6|Q5VYS9
 31749 PRSS16|Q9NQE7 DKK3|E9PKW6
 31750 AIP|C8CK05 COX1|C5MMW9
 31751 GABRP|E5RK74 SCGB1A1|P11684
 31752 tmp_locus_6|Q53SC0 RUFY2|X6R3F0
 31753 ZNF618|B5MDS3 ST8SIA6|H0Y405
 31754 IL9R|Q01113 MYC|B3CJ81
 31755 GBP5|Q96PP8 ZNF552|M0R2C3
 31756 ND4L|A0A059R9F3 HLA-B|A2VC07

31757	BNIP2 Q12982	PIK3R1 E5RGI8
31758	HLA-DQB1 U3Q232	CPSF4 O95639
31759	CYTB Q6RQJ1	CLCN3 E9PE15
31760	PRSS1 Q86W18	NUAK1 F8VSH4
31761	ACVR1 Q04771	ZNF567 K7EMD5
31762	PRMT2 D3DSN9	DNASE1L3 Q13609
31763	MME B7ZKY6	EIF2B2 H0YK01
31764	STK33 D3DQU7	TP53 H2EHT1
31765	PPP3CC H0YB04	ARHGAP44 A0A087WZS3
31766	ATP6 E9P791	CDY2A C9JMH9
31767	HLA-B J7F577	FRMPD2P1 Q6IN97
31768	ESR1 C8CJL2	CFTR H0Y8A9
31769	HLA-DQB1 U5IRF0	HLA-DQB1 L0BXS3
31770	ATP6 Q2HLF6	SETBP1 Q9Y6X0
31771	ORMDL3 J3QRM9	HLA-B Q4QYZ8
31772	SRY Q52MX7	CPS1 Q5R207
31773	ND5 C7B3F5	ZNF546 M0QY24
31774	CYP21A2 K9LHV3	COX2 H9QLC8
31775	RGPDI P0DJDO	TLE3 H0YNT2
31776	KLC1 B5BU63	DKFZp686E23276 Q68D64
31777	CYTB A0A023R1Q4	AURKB J3KTD6
31778	ZNF33A Q06730	TIMM23B Q5SRD1
31779	PLA2G1B F8W062	TNNT2 E7EPW4
31780	HLA-A G1EP71	OXA1L S4R3Q9
31781	cytb Q4GFM1	ND1 E5E0Y6
31782	CEP85 Q6P2H3	IQCB1 C9JVC4
31783	RASSF8 F5GYP8	TMA16 Q96EY4
31784	SMAD3 H0YNV1	MID1 C9J453
31785	ELFN2 Q5R3F8	OR13C8 Q8NGS7
31786	GC D6RBJ7	ATXN3 D3VVH7
31787	CANX D6RGY2	TMCC2 O75069
31788	DGKD C9JY42	TNC Q4LE33
31789	MAP4K5 G3V3V7	ABCC9 Q8N4N7
31790	WDR44 Q5JSH3	UFM1 P61960
31791	PRRT1 Q99946	MAK P20794
31792	NT5DC2 Q9H857	SET A0A024R895
31793	MYEF2 A0A0A0MQW0	MLC1 Q15049
31794	HLA-A F6IQW9	GNG12 Q9UBI6
31795	TUBGCP6 H7C358	BPI H0Y738
31796	ND4 Q9T9Y1	KDM2B A0A0C4DGG3
31797	ND1 A0A068C9Z7	FAM83A Q86UY5
31798	HLA-DRB1 D5FIF2	TCTN2 Q96GX1
31799	RPL6 U3KQR5	UGT1A4 Q8WX87
31800	CHLR1 Q93000	SLAIN2 Q9P270
31801	HLA-DRB1 D7RIH9	CKB H0YJK0
31802	Pax9 Q2L4T1	CAB39 A0A024R496
31803	ND2 A0A088CNH3	HLA-C M9P9J8
31804	EDG1 Q7L853	FKBP10 K7EM43
31805	COX3 Q15IP0	SLC4A7 A0A0A0MST8
31806	ZNF106 A0A0C4DGM5	ACKR2 V9GYB7
31807	HLA-C U5YF08	ADHFE1 A0A024R805
31808	GDF15 Q99988	COX2 A0A059RIK5
31809	GPR87 Q9BY21	LGALS1 P09382
31810	ANO2 F5GXT3	FAM214A Q32MH5
31811	OR6C75 A6NL08	UBE2D4 Q9Y2X8
31812	ANTXR2 A0A0C4DG84	SLC12A4 J3QSF2
31813	CIB2 H0YKC8	DCX A8K340
31814	BST1 A6NC48	HLA-DQB1 F8LFZ3
31815	HLA-B R4ZGR3	SLC25A45 Q8N413
31816	LRRCL16A Q8IW66	ZBTB14 O43829
31817	SLC25A25 Q6KCM7	ND1 A0S3S8
31818	SLC17A1 E9PGW3	NME5 P56597
31819	AQP2 F8W0S2	DYRK4 D3JEN2
31820	ATP6 Q4F687	HLA-DR15 F1CCP1
31821	HLA-C C9WER9	CYTB S5RM01
31822	ATP8 Q5S8W6	RHD T2DKY0
31823	LILRB4 Q8NHJ6	RAB6C Q53S08
31824	TNK2 H7C343	LARGE B0QY11

31825 CCNL1|H7C4G1 WHSC1|H0Y9U6
 31826 PHKG2|A0A024QZE8 GJB2|A8DU55
 31827 PLD4|Q96BZ4 RFC1|P35251
 31828 SLC7A10|K7ENB6 FAP|F8WF29
 31829 CDC34|A0A024R1Z1 NEDD9|Q14511
 31830 LOC105369274|A0A096LPK9 RGL3|K7EMV7
 31831 NEU4|C9JEA3 C9orf16|Q9BUW7
 31832 LRRC8D|Q7L1W4 ND1|H9A8H5
 31833 GGA1|B0QYS2 AP2A2|E9PPZ3
 31834 C6orf106|Q9H6K1 ECI2|F8WAW4
 31835 INTS10|H0YBB0 RAN|F5H018
 31836 ADGB|Q8N7X0 hCG_2039447|A0A024R4Z4
 31837 HLA-DQA1|S6E000 RNF144A|P50876
 31838 HLA-B|A0A059WRJ1 NSMF|A0A0C4DFS4
 31839 LTA|Q45NE5 ADAM29|Q9UKF5
 31840 RHD|L0RH60 CYTB|D6N5Q1
 31841 FCF1|Q9Y324 RH0Q|F8WET9
 31842 ADAM8|H0YMT6 AK3|Q7Z4Y4
 31843 AT3|Q8IZZ9 WDR83|Q9BRX9
 31844 hCG_1998851|A0A024QZ62 ATP6|U3L335
 31845 UBASH3B|Q8TF42 ZNF341|Q504V9
 31846 TFAM|E5KSU5 HLA-C|F2VNP1
 31847 RPGR|H7C4L1 ND5|Q5XS00
 31848 ACTL6A|O96019 RBPJL|A0A087X185
 31849 HEL-S-105|V9HW42 HLA-C|E3SWK0
 31850 DPEP1|P16444 RPL28|H0YLP6
 31851 ZNF473|A0A024QZI1 HLA-DRB1|A0A0A7C3E6
 31852 HSPD1|Q53SE2 COL4A6|F5H851
 31853 BRCA2|A0A068BDS2 ND2|B2KLI5
 31854 MECP2|D5L9I5 HLA-C|A0A0A7C6C8
 31855 TCEA1|E5RK46 DUS3L|K7EM42
 31856 ND5|A0A075C8A0 DKFZp762F247|Q6AI38
 31857 OR2L13|Q8N349 PRKAB2|O43741
 31858 RBPJ|D6R946 JAZF1|F8WD35
 31859 H2AFY2|A0A024QZP6 SLC7A1|A0A0A8K9B7
 31860 EPHB2|Q4LE53 POLR3A|O14802
 31861 GJB2|V5Q007 HIST1H2BN|Q99877
 31862 MC1R|Q6UR97 CNDP1|Q96KN2
 31863 RYK|H0Y8A4 TBX1|Q152R5
 31864 NRCAM|Q92823 PRDM9|D2E482
 31865 ND5|A0A059S704 EP400|A7E2D7
 31866 SLC25A40|Q8TBP6 EPOR|I6R7G3
 31867 C19orf10|Q969H8 CYTB|C9D670
 31868 TRPC7|Q70T24 STK11IP|Q8N1F8
 31869 RNASET2|O00584 TASP1|Q9H6P5
 31870 SLC6A8|X5D2U0 KCNH6|J9JID4
 31871 HLA-C|I6NWM3 MAZ|I3L0M3
 31872 UBE3A|Q96GR7 HDM2|I6SST1
 31873 HLA-DPB1|A0A0A7C5B4 TPD52L1|Q16890
 31874 ZNF93|P35789 MRPL55|Q7Z7F7
 31875 CYP2E1|P05181 CYS1|Q717R9
 31876 ND5|B8YQJ5 PPARA|B0QYX1
 31877 ZNF786|H7BXP3 GNG5|P63218
 31878 KRTAP10-8|P60410 C8orf59|Q8N0T1
 31879 RP1|Q6DKV0 MEF2B|Q02080
 31880 HNF1A|P20823 ND2|I6N708
 31881 ECT2|H7C103 ZNF672|D6RH11
 31882 SLC02B1|C7BWB7 SAFB|Q15424
 31883 ZNF816|Q0VGE8 HLA-DPB1|D2EDB6
 31884 SRY|A7WPV0 GLT8D1|C9J880
 31885 COX2|Q7YEH2 COX1|A0A023Q2M3
 31886 ITGB2|A0A024DAS5 cytb|Q4GS38
 31887 CD59|E9PR17 CYTB|H9T202
 31888 RPL6|F8VZ45 CYP4A11|V9GZ77
 31889 MTMR4|J3QRJ2 TENM3|H0YAF0
 31890 KIAA0753|Q2KHM9 ILF3|K7EMZ8
 31891 EIF4A2|C9JUF0 SLC9A3R2|Q15599
 31892 COX2|Q7YEH2 ND5|A0A059RHF0

31893 ND5|T1Q5Q5 HSF4|E5RJV4
 31894 C19orf66|Q9NUL5 BOC|Q96DN7
 31895 ANO2|F5H806 STK39|Q9UEW8
 31896 NGL1|Q4JIV9 RHD|S5VXN0
 31897 EHMT1|Q9H9B1 IFT74|E5RH29
 31898 PELI1|Q53T26 PSMA2|C9JCK5
 31899 BMP4|A0A097PIG0 PCDHGA3|A4FUP3
 31900 white|O43576 ZFP36L1|G3V2D5
 31901 FSD2|A1L4K1 MRPL10|B4DEH0
 31902 HLA-A|E2DH75 DKFZp686M05248|Q6AI41
 31903 LGALS3BP|K7ES75 SEC22C|C9J448
 31904 RIMS1|H0YBU6 CREBBP|B5A211
 31905 RPL23|J3QQT9 CCM1|A4D1F7
 31906 APOF|Q13790 tec|Q14219
 31907 EXOG|Q9Y2C4 ATP2A2|P16615
 31908 TGFB1|Q86YU2 HLA-A|C5IZQ3
 31909 SRSF4|S4R2X6 RHOT2|H3BUX4
 31910 HLA-C|J9PW08 MAP3K12|A0A024RAY5
 31911 ABCF1|Q2L6I2 ND4|V9N9H0
 31912 BCL2L15|Q5TBC7 FSTL1|Q12841
 31913 ATP6|Q85KV7 IL11RA|G3V2G0
 31914 ZRSR2|A6NDW0 CSNK1A1|E5RG27
 31915 ND4|F2WFX0 HYAL2|Q5ZF00
 31916 CYTB|A0S4I7 LHX1|P48742
 31917 ZNF212|A0A090N8N3 ETF1|B7Z7P8
 31918 ND1|G3C9Y1 COX3|A0A0C5B7S7
 31919 ND5|A0A0A0PJ54 CRK|L7RT18
 31920 EBF2|B7Z934 ATL1|Q8WXF7
 31921 DKFZp667E137|Q5JPC7 COX3|Q4ZEA6
 31922 MSH5|A0A024RCV8 UBR5|O95071
 31923 HLA-C|C5IZV2 ZNF630|A0A087WXA8
 31924 PPIP5K1|B7WPL9 MSRA|H0YAN3
 31925 SLC02B1|A0A024R5I4 CEP27|A0A024R9M5
 31926 HLA-B|E7BYB5 DKFZp761E0417|Q8N3U8
 31927 SNX6|A0A0A0MRI2 PRMD9|D9IWN1
 31928 ABHD5|Q8WTS1 EIF1AD|E9PS30
 31929 CYTB|G9B003 RP1|Q6DKV0
 31930 WARS|A0A024R6K8 HLA-A|D5L9A3
 31931 cytb|B9EFS8 SDHC|Q6IAQ2
 31932 ZNF571|K7ELU5 MRPS16|A6ND22
 31933 RRAGB|Q5VZM0 DIDO1|Q9BTC0
 31934 NAA11|Q9BSU3 GPR17|Q13304
 31935 RPL18|A0A024QZD1 ATP5F1|Q5QNZ2
 31936 CYTB|B8X4L0 ND2|W8DHB9
 31937 ESR1|B5M0Y2 hCG_1685807|A0A024R4S8
 31938 ZNF446|Q9NWS9 ATP6|A0A068CCX5
 31939 OR2T33|Q8NG76 RGP1|Q92546
 31940 PSME1|Q06323 LCAT|P04180
 31941 DEPDC4|A0A024RBI9 SART3|H0YHU8
 31942 MAPK1IP1L|Q8NDC0 FOXP2|Q0PRL4
 31943 SRY|Q7Z5C8 ZFAND2B|B4DEN4
 31944 CHMP6|I3L4A1 DARS2|Q6PI48
 31945 PCBP4|F6TJN8 NRBP1|Q9UHY1
 31946 HLA-C|G3DR71 TRIM28|M0R0K9
 31947 CCHCR1|M1TIV4 HLA-C|V5NWE0
 31948 ND4|Q9B1S7 ERBB3|A0A024RB84
 31949 PICALM|Q13492 KCNMB4|Q86W47
 31950 NEK6|Q5TBH2 ZNF607|A0A024R0G5
 31951 GRM2|C9JD41 ND2|A0A059QET0
 31952 ND1|A0A096YCA7 DYRK4|D3JEN4
 31953 HHAT|Q05BM0 VIL2|Q9UJZ2
 31954 CYTB|Q5XSB5 SSTR2|P30874
 31955 ND4|D2KR58 NEU1|Q5JQI0
 31956 HLA-A|F6IQS0 TGM1|H0YMQ8
 31957 C8orf38|A0A024R9B1 ZNF268|K7EQP6
 31958 ADPRHL2|Q9NX46 ABCC1|I3L4X2
 31959 BACE1|B7Z3Z4 RAB4A|A0A023HJ61
 31960 CDC40|Q5SRN1 WIPF1|C9JTB9

31961 TPH2|B3VS55 ECD|095905
 31962 ABCB4|V5N6U4 SRSF11|Q05519
 31963 STAT2|A0JLQ9 KEL|Q0KH97
 31964 HLA-C|H2DMK0 NFATC2|B5B2P4
 31965 TRIM41|H0Y9T3 TIMP4|Q99727
 31966 HTR2C|B3VRE0 SATB2|A0A024R3U6
 31967 SCLY|B4DDP9 HLA-DPB1|A0A0A7C6A2
 31968 ATP6|F2WHK1 ZCCHC14|Q8WYQ9
 31969 ND2|H9E790 HLA-A|D4P2X9
 31970 CTAGE5|O15320 CD151|P48509
 31971 MT01|H0YC00 NAE1|Q13564
 31972 DYNLT3|P51808 TNPO1|Q92973
 31973 HMX1|Q9NP08 YKT6|B5BU81
 31974 NOX1|H0Y581 HLA-A|Q5SRN7
 31975 AKAP13|A0A087WTD7 SERPINI2|075830
 31976 COX3|A0A059RTN7 UTY|F4MHD5
 31977 SOCS2|S4R3Z4 SNRNP200|B4E0P5
 31978 HLA-C|F6IQM1 CBWD5|Q5RIA9
 31979 AHRR|G3V143 EPO|P01588
 31980 ZNF134|Q6PJ68 HLA-C|V5NW17
 31981 HEL-S-51|V9HWI6 HLA-C|A0A0A7C5R8
 31982 WDR7|Q9Y4E6 ZNF100|M0R0Q1
 31983 PPP3CA|E7ETC2 STAT2|R9QF97
 31984 ZFP91-CNTF|A0A0A6YYC7 AHDC1|Q5TGY3
 31985 HLA-C|M9PAN3 DIS3L|E9PI20
 31986 TCEB3CL|Q3SY89 HLA-C|E5DCQ3
 31987 ND3|I1E497 EGLN2|Q96KS0
 31988 HLA-C|H6VQN8 NT5C3B|U3KQB1
 31989 ANXA8|P13928 PDIA2|A4L733
 31990 NEDD4L|A0A024R281 ATP11A|P98196
 31991 ND5|E9L8Q7 CDK19|Q5JQZ9
 31992 MYO19|A0A087WY49 ND2|Q2HJS8
 31993 PLCG1|P19174 HLA-C|J7K3H7
 31994 GPS1|A0A096LPJ3 FLJ00337|Q6ZNJ3
 31995 SLC19A3|C9J4J5 ARL14|Q8N4G2
 31996 LCE3D|Q0IJ72 COX1|A0A059RVV8
 31997 PNN|Q9H307 COX2|H9RV93
 31998 ADRM1|Q16186 CAPN14|F1LLU4
 31999 DKFZp78102021|Q68DU0 CAMK2D|Q13557
 32000 ALG9|H0YCW6 ND5|C7SJI3
 32001 CYP2C18|P33260 ADRA1A|B0ZBD3
 32002 CYTB|Q305I7 CPT1C|M0R1F9
 32003 RHOT2|H3BVI5 HLA-A|F8R8H2
 32004 hCG_1731871|A0A024R4F7 IRX3|P78415
 32005 PPIAL4A|Q9Y536 ATP6|C7B3W8
 32006 ARHGEF3|E7EU49 SIDT2|Q8NBJ9
 32007 YRDC|Q86U90 UTY|F4MHR1
 32008 ND1|Q7YED6 HLA-C|V5L611
 32009 HIST1H2BD|P58876 ORC4|C9JGH7
 32010 ATP6|V9N8I7 HLA-Cw|Q7YQB2
 32011 HLA-C|D3U464 CENPQ|Q7L2Z9
 32012 CELF3|Q5SZQ8 MYH1|Q6PJ55
 32013 HLA-C|S5DN70 PAK4|M0R1R1
 32014 AGPAT2|A0A024R8I7 BCAT1|A0A087WYF2
 32015 HLA-C|G1EMT6 COX3|D6BZS8
 32016 RAB1B|Q9H0U4 STAT2|R9QFA6
 32017 PIK3C3|M0R308 EBF4|Q9BQW3
 32018 ATP6|A6ZF88 ZNF491|Q8N8L2
 32019 TENM2|F8VQN3 HPN|M0QZ63
 32020 VAV3|Q9UKW4 GTF2H1|F5H0Y9
 32021 TLR6|B6CH42 GLI3|P10071
 32022 CTNNA3|Q8WW10 HLA-C|V5N2I6
 32023 ST6GALNAC4|A0A024R881 SCAF8|A0A0A0MT33
 32024 MAD1L1|C9JTA2 CYTB|L7SBV1
 32025 DCXR|J3QS36 UBR5|E7EMW7
 32026 ZNF582|Q96NG8 PITX3|A0A0C5GCA6
 32027 SMARCE1|Q969G3 NANOGP8|J7H3Z5
 32028 MAN1B1|Q9UKM7 OSBPL1A|Q9BXW6

32029 PCY0X1|Q9UHG3 SYT4|M0QZF3
 32030 HLA-A|D5FIG2 HLA-DRB1|D0VE58
 32031 PUM1|H0YDQ6 ZEB1|F6TDF5
 32032 ND5|F6N669 ESR1|C8CJL1
 32033 HBB|D9YZU5 HLA-A|E5DCM0
 32034 TPH1|E9PR49 SLC35B1|D6RE58
 32035 MSH2|Q6VBB7 DEUP1|E9PJR5
 32036 TAS2R13|Q9NYV9 PABPC3|Q5VX58
 32037 NTRK3|B7Z7U4 SLC11A2|F8W1F2
 32038 ELL|Q75MS0 MYO7A|Q13402
 32039 DKFZp686P12242|Q6AI50 TSC2|X5D2U8
 32040 SASS6|Q6UVJ0 RASSF3|Q86WH2
 32041 TRIB3|J3KR25 INCENP|Q9NQ57
 32042 DKFZp686J1895|Q7Z362 COI|U3MA05
 32043 NOS2|P35228 IKBKE|Q14164
 32044 TP53|S5LME3 SRCAP|A0A087X0E3
 32045 Dnahc9|Q92865 RUVBL2|M0QXI6
 32046 SYT2|A4FU00 DUOX2|A0A0A8J1J7
 32047 cytb|B2XQU2 EDG1|Q7L853
 32048 TRIM59|C9IY67 HLA-C|A0A0A7C4U0
 32049 MRPL38|Q96DV4 GCSH|P23434
 32050 A-270G1.2|O75703 ATXN3|D3VVT6
 32051 KCNH1|O95259 UTY|F4MHI6
 32052 SLC39A9|C4N9M8 ZSCAN4|Q8NAM6
 32053 CRHR1|B3SXS2 NUDT10|Q8NFP7
 32054 DKK4|Q9UBT3 IMPA1|E5RHE9
 32055 COX3|A0A068BLJ0 SNF1LK2|A0A024R3G7
 32056 SUGP2|M0R3F6 POU5F1|D5K9R7
 32057 SPHK2|A0A024QZH5 BEST1|A0A0C4DGE9
 32058 FOXN3|H0YJ54 SRP54|P61011
 32059 HIRIP3|Q9BW71 PCK2|H0YMU6
 32060 THY1|B0YJA4 CYTB|H9SGH6
 32061 DNAAF3|Q8N9W5 NANOS1|Q8WY41
 32062 TBC1D5|B9A6K1 HLA-G|O78131
 32063 CASP8|Q14790 SCN3A|Q9GZM4
 32064 HLA-G|O78131 KTN1|H0YJZ8
 32065 SNX11|Q9Y5W9 ZNF596|V9GYV6
 32066 ADAMTS18|Q8TE60 AKAP7|O43687
 32067 NELFE|A0A0A0MT02 SLC26A11|I3L1H1
 32068 FCRLB|Q6BAA4 GNG11|P61952
 32069 HLA-C|D7NP74 SHROOM2|Q13796
 32070 KCNAB2|Q13303 ITGB2|Q96PT7
 32071 HLA-DQB1|A0A0A7C9G5 DCLK3|Q9C098
 32072 MSH2|V9H019 PTGER3|A0A0A0MRP3
 32073 ARHGEF3|C9J609 NQO1|P15559
 32074 CACNB4|Q53S65 CHI3L2|E9PPX4
 32075 KRT16|P08779 HLA-C|F2VNQ0
 32076 HDM2|I6TMU1 ZHX1|Q9UKY1
 32077 LMAN1|A0A024R2A7 FLJ00323|Q6ZMK4
 32078 HLA-A|A9IW15 HDM2|I6TZX8
 32079 ND5|B2D4D0 CDSN|D2IYL2
 32080 FOXD4L4|Q8WXT5 ND5|A6ZH23
 32081 MYC|B3CJB2 ATP6|Q06U80
 32082 CTSC|H0YCY8 RIMS2|D6RDY0
 32083 ND6|G4W466 SH3GL1|Q6FGM0
 32084 DNPEP|C9JRG3 AMY1A|B7ZMD7
 32085 ND5|L7SAT6 SMN2|U3KPX7
 32086 SLC39A3|F5H385 POLR1B|Q9BSR4
 32087 HLA-C|E0WBW5 FBXL19|H3BPZ0
 32088 ADAMTS20|P59510 TMEM175|E7ETE6
 32089 MAPK13|B5BTY5 NEK7|A0A024R964
 32090 CPSF6|F8WJN3 CST9|Q5W186
 32091 IFITM1|P13164 ATP6|A0A0A0QMI3
 32092 RBM47|D6R9M7 VIPAS39|Q9H9C1
 32093 DRD4|Q76E76 SERPINB7|O75635
 32094 PLCL1|H3BUD4 ACTL7A|Q9Y615
 32095 SLC16A1|Q5T8R5 ZNF408|Q9H9D4
 32096 ATP2B1|P20020 SGSH|I3L2I6

32097 HLA-DRB1|P01911 KLK15|S5TEP0
 32098 QARS|P47897 CEND1|Q8N111
 32099 SPNS1|H3BP14 HLA-C|E9NPN4
 32100 MEF2C|D8L7E9 CYP21|Q16741
 32101 SGK3|E5RHR8 CYTB|E0AG71
 32102 MYC|B3CJ87 BRCA1|G3XAC3
 32103 LDHA|F5H6W8 ZNF433|C9JQA6
 32104 TNFAIP3|D3TTZ2 MTURN|Q8N3F0
 32105 MPG|A2IDA3 ATP6|E2JKH1
 32106 ESX1|A6ZIT1 DKFZp667D142|Q8ND72
 32107 GPC1|H7C024 COMP|G3XAP6
 32108 CHML|P26374 ZNF41|A0A024R1C4
 32109 TRRAP|F2Z2U4 DPP10|J3KPP1
 32110 KLHL3|Q8N4I8 DKK3|Q6PQ81
 32111 CCAR1|F5H1H2 ACSS1|Q9NUB1
 32112 SHPK|Q9UJH6 DMGDH|Q8TCC6
 32113 HLA-C|L0R3K3 ZNF99|A0A0A0MS76
 32114 LRRC45|Q96CN5 CFTR|Q6KEA0
 32115 CASC3|A0A024R1X0 SLK|Q9H2G2
 32116 ATP6|A1Z4L3 SF1|Q15637
 32117 HLA-C|H2BE94 ATP11A|A2A3G9
 32118 CYTB|A1DT73 HCN2|Q9UL51
 32119 CLIP2|Q9UDT6 ND2|X5BLL0
 32120 IGSF6|O95976 SLC14A1|K7ELI3
 32121 HLA-C|C8CHA4 MFSD7|Q6UXD7
 32122 ND4|G4W2C7 FLNB|E7EN95
 32123 BCL6B|A8KA13 RRRH|O14718
 32124 KLF16|A0A087WWX5 CDC40|O60508
 32125 RAD51D|K7EN92 ND5|H9SSA7
 32126 MASP1|C9JMA2 LAMTOR4|Q0VGL1
 32127 ATP6|F2WI85 ATP6|Q305A3
 32128 ND5|Q4EVS0 ACVR1|Q53SF4
 32129 HLA-A|J9PVB0 PPARG|E7EU07
 32130 CTB2|H3BTQ4 PRCP|E9PLY4
 32131 DICER1|H0YJZ6 AKIP1|Q9NQ31
 32132 RERG|F5GYR1 LTA4H|B4DEH5
 32133 ND5|Q7YCF6 SRR|I3L4W4
 32134 KIAA0368|R4GMY1 RPE|C9J6A7
 32135 HLA|D7RJ50 ABHD12|I3L440
 32136 HLA-B|I1W1M7 COL1A2|A0A087WTA8
 32137 ACSBG2|K7EKE4 TRPM1|A0A024R209
 32138 PCDHGC4|A0A087WUC2 GLS|B8ZZC5
 32139 HTR3A|A0A024R3I9 RBM17|Q5W012
 32140 PRG2|P13727 CAMKK2|Q96RR4
 32141 PIGP|A0A0C4DH71 ATP6|E7CPM3
 32142 PCDHGA3|A4IF53 MPI|F5GX71
 32143 CORO1C|F8VSA4 MARK2|Q7KZI7
 32144 AR|D3YPQ0 OK/KNS-c1.7|Q8NI61
 32145 LOC221955|A0A024QZX9 ND4|D7NV19
 32146 TRAM2|Q15035 SPIN2B|Q5JZB7
 32147 OGT|Q548W1 THBS4|P35443
 32148 TAF6|F8WEJ7 SLC39A3|Q9BRY0
 32149 SCN5A|E9PG18 COX3|X5C9X5
 32150 RBM47|B7ZLP7 GAA|P10253
 32151 MTMR3|A7E2W2 AGT|B0ZBE2
 32152 SKA1|K7EPW0 ATP8B3|F5H3R9
 32153 CGRRF1|Q99675 BLOC1S4|Q9NUP1
 32154 AKR1C3|S4R3D5 STXBP2|Q15833
 32155 STAR|H0YB94 NAP1L1|A0A024RBB7
 32156 POSTN|Q15063 FOPNL|I3L3N6
 32157 HLA-C|D9UAZ3 NDUFB3|A0A024R413
 32158 FLJ00186|Q8TEK8 APOL1|U5LIA9
 32159 GLT8D1|Q68CQ7 CDH13|H3BV21
 32160 TRPM1|H0YKU7 SRP14|H0YLA2
 32161 NACC2|Q96BF6 HLA-DRB1|Q29744
 32162 LMTK3|A0A0A0MQW5 PSAP|A0A024QZQ2
 32163 STK17B|U3KQF8 RABGAP1L|Q5R372
 32164 IP6K2|C9JHV2 MEIS2|A0A024R9I7

32165 ECHDC1|J3KP84 MT3|H3BPK2
32166 SLC25A13|Q9UJS0 NADH5|Q4GF15
32167 CLN8|Q9UBY8 DUX4|C3U395
32168 MGC17330|A0A024R1M3 POU5F1|B5B8P8
32169 CRB2|Q5IJ48 IRF9|Q00978
32170 ENY2|Q9NPA8 ABCA2|Q13039
32171 MYH6|P13533 YIPF1|Q9Y548
32172 ZNF611|M0QYZ5 PAOX|B0QZA9
32173 ZMIZ2|A0A087X127 EEF1D|D3DWK1
32174 TLR5|D1CS82 PAPOLG|Q53T81
32175 HSD3B2|Q5QP01 ND2|A6YUF6
32176 PIM1|A0A024RD25 HLA-DPB1|A0A0A7C9D7
32177 ND5|B8X5N5 ATP7B|B7ZLR3
32178 RMI2|Q96E14 AR|A0A087X1B6
32179 ND4|U3L6H7 NOL3|H3BM67
32180 TRNT1|A0A024R2H7 SNRNP200|O75643
32181 SHC1|H0Y539 IRF5|C9JAU6
32182 TERT|F6MZ68 SLC6A15|F8VSG1
32183 HLA-C|A0A0A7UXD5 KCMF1|C9J3I2
32184 ARFIP2|E9PRV8 IL8RB|Q53PC4
32185 CASKIN1|Q8WXD9 ND6|Q6VLM1
32186 RFPL2|O75678 ZNF808|C9J871
32187 ND4|E0Y551 ZNF418|Q8TF45
32188 ND4|A6ZBX6 LCE1F|Q5T754
32189 SFRS2|B3KUY1 HLA-A|Q861A9
32190 PRKAR2B|A3R6R8 HSF2BP|O75031
32191 HEL-S-272|V9HW85 FKBP9L|Q75LS8
32192 PLPP2|K7ENH4 TCF7L2|H0YEE5
32193 MGAM|Q8TE24 TTLL2|Q9BWV7
32194 ZNF83|M0R099 CYTB|H9M4P4
32195 POTEF|A5A3E0 CSK|P41240
32196 AIP|C8CK04 HBB|A1YZ08
32197 COX3|A0A059QGM3 CLEC3A|Q3SX92
32198 BIRC6|Q9NR09 PROS1|Q8IXD0
32199 HLA-C|J7K3I4 CAPZA2|A4D0V4
32200 HLA-C|H6UV82 CUL1|A0A090N7U0
32201 C1S|P09871 ZNF844|Q08AG5
32202 GZMB|P10144 HLA-DPB1|A0A0A7C5R5
32203 RDX|Q05CU6 ACADM|H0YDT5
32204 HLA-B|B2YG92 UBE2C|O00762
32205 HLA-C|U5YD47 PPP1CC|F8VYE8
32206 FOXI1|E0XEN6 HLA-A|E0X9K1
32207 PRDM9|I6ZAW9 RAP1GAP|F2Z357
32208 CYTB|H9M5J3 HLA-A|F6IQW5
32209 COX3|Q5Y070 CFTR|C9J6L5
32210 NOV|B3FHX2 SMARCA5|O60264
32211 GIMAP6|B4DH95 AP2A2|E9PQP4
32212 CIPC|G3V310 NEU2|Q9Y3R4
32213 CLHC1|Q8NHS4 DIO2|A0A024R6J8
32214 KCNJ15|Q99712 KRT2|P35908
32215 FUZ|Q9BT04 ICA1L|C9J0T2
32216 ND5|Q7YEE9 ACE|I6L9B3
32217 GTF2B|Q00403 SSX-HSTT|O75101
32218 HLA-DQB1|R4L7W8 RABEP2|H3BT64
32219 HLA-B|Q546C9 SLC8A1|E7EV41
32220 VPS26A|O75436 SK3|Q6JXY2
32221 ZNF391|C9JUF8 DNASE1L1|E7ESG1
32222 FZD2|Q86UZ8 BAZ2A|F8VU39
32223 DKFZp762L056|Q8N3N3 HLA-A|D5FHN7
32224 HLA-A|A0A0A7C7N7 CFTR|Q6KEG3
32225 HLA-B|N0A0K3 CAMK2G|A0A0A0MT11
32226 HLA-DPB1|A0A0A1TTQ1 HLA-G|Q6B846
32227 RAPGEF2|H0Y8T6 ND5|B8X5N5
32228 ND1|A0A097PX64 TES|F8W7T0
32229 KRTAP3-1|Q9BYR8 POLQ|Q96SE4
32230 ARPC5|O15511 ARHGDIG|A2IDA0
32231 SPEG|B9ZVR7 MAPK13|O15264
32232 PLEC|E9PKG0 RASGRP2|Q7LDG7

32233	UBE2V2 A0M8W4	FUT5 K7ENC0
32234	SLC01B3 Q9NPD5	HLA-B A0A0B7MGE0
32235	RTKN2 Q8IZC4	LOXL3 C9J5M1
32236	SPANXA1 Q9NS26	CYTB Q4EYI9
32237	CAMK2D D6R938	PKD2 B4DFN3
32238	ETV3L Q6ZN32	HSPD1 C9JCQ4
32239	CRISP2 P16562	TMEM11 P17152
32240	TWF1 F8VS81	ndh2 T2HLS5
32241	MYF5 P13349	CYP2C9 S5RV20
32242	GPX1 Q7L4Q3	ALKBH4 Q9NXW9
32243	RHCE E1Y3Y5	ND4 A0A059QSR8
32244	HLA-C G9MD19	LARP7 Q4G0J3
32245	MSX1 E9KXW8	ZIC2 O95409
32246	HLA-C G1EQH7	MSH6 P52701
32247	HRASLS3 A0A024R561	KATNAL2 K7EM02
32248	HLA-A H9BNV5	NUP62 M0QX13
32249	RNPEP A0A087WUS4	NFIC Q6FI30
32250	GNRHR V9GZJ6	ABL1 R4GRW0
32251	ND4 Q9B1S7	TET3 K9JJH7
32252	COX3 A0A059RR81	PSG6 Q00889
32253	HLA-A F6IQY7	Hosa(Biaka)-T2R10 Q50KS2
32254	PTK2 E9PEI4	ITGB1 E7EUI6
32255	PSMC5 J3QLH6	KCNU1 A8MYU2
32256	RAB2A H7C125	MSX2 P35548
32257	COX3 H9R4P0	ALDOC A0A024QZ64
32258	ELAVL1 M0R055	cytb B9EE04
32259	EIF2AK3 E7ER02	RBMS2 F8VQS9
32260	PFKM F8VNX2	CASP3 A8MVM1
32261	ND5 Q4F5R3	PYCR2 A0A024R3Q9
32262	WRAP53 Q9BUR4	LCLAT1 C9J5S5
32263	CTNNA3 V9GYW4	AP2S1 M0QYZ2
32264	COX2 G9LB98	ACSS2 Q96FY7
32265	EGFR G9MC26	PCK2 H0YMY3
32266	PIGM Q9H3S5	RPL18 H0YHA7
32267	GOLGA4 Q13439	ND4 H9E7P1
32268	IL6 B4DNV3	CPOX D6RER6
32269	ZGLP1 P0C6A0	CES3 H3BUA3
32270	STRADB Q9C0K7	Hosa(Japanese)-T2R39 Q50KL2
32271	TRMT1L X6RK96	ND4L A0A059RP56
32272	FAM96A Q9H5X1	IRF4 Q15306
32273	COX2 A0A059RQ02	HLA-DQB1 R4QGI4
32274	ATP6 W0C6A8	LDLR P01130
32275	GALNT1 Q10472	GRM7 H7C3K2
32276	RHEBL1 Q8TAI7	HLA-DPB1 A0A0A7C755
32277	HLA-DPB1 A0A0A7C569	DVL1 A0A024R080
32278	GALT Q14379	OR4D11 Q8NGI4
32279	MADCAM1 A0A087X0U8	CDKL3 Q8IVW4
32280	MSX1 E9KXV6	DMRT3 Q9NQL9
32281	MARK1 X5DNR8	ZNF707 E9PP66
32282	UPP1 C9JIP2	ND3 W8D464
32283	REEP3 Q6NUK4	TDP1 G3V5F9
32284	INTS4 Q96HW7	ARHGAP9 Q9BRR9
32285	PCDHB2 Q9Y5E7	BEX2 Q9BXY8
32286	HLA-C A0A0A7C567	MPZL1 F8WFC4
32287	ZSWIM7 Q19AV6	SAMD4B A0A024R0N7
32288	ND5 D9N004	DIO1 A0A087X0G2
32289	HLA-A M4M802	FOXJ2 Q9P0K8
32290	AP2M1 C9JGT8	COX3 Q4ZED2
32291	CYTB A0A097Q8J6	TOPBP1 A0AV47
32292	HLA-C U5ISX7	COX3 Q4EZD1
32293	EML4 Q9HC35	RPL10 H7C123
32294	DCAF8 Q5TAQ9	HFE Q8MH46
32295	RAET-1E I2GUA3	SLIT2 H0Y9Z6
32296	TAZ Q2VF39	TKTL2 Q9H0I9
32297	HLA-A C8XTN7	RSL1D1 A0PJ87
32298	HCR A9XAK2	DYNC1LI1 C9JGM7
32299	EHMT2 A2ABF9	HLA-C E1XUD0
32300	ANXA13 P27216	RRAS A0A024QZF2

32301	RADIL F8WEM1	HLA-A K0A058
32302	ATP6 H9S0I6	SCGB1A1 P11684
32303	ND2 H9Q7X0	SEPT5 E7EQM7
32304	ND1 Q15IG8	ND4L A0A023QP33
32305	BCR/ABL A9UF01	HLA-A Q5SUL5
32306	ND6 H7BU52	CNEP1R1 H3BUT5
32307	PRCP E9PL49	RHBDD1 Q8TEB9
32308	PHF8 Q5JPR8	OBFC2B A0A024RB89
32309	NPAS3 X5DR67	KLK1 Q6T776
32310	SHMT2 H0YIZ0	ATP6 Q5SAH4
32311	CACNA1G X5D9G8	HSPA4L E9PDE8
32312	HIST2H2BE Q16778	NPAS3 F8VR32
32313	CASP14 A9UFC0	OPRM1 L0E130
32314	HFE I1VA65	NLGN4Y Q8NFZ3
32315	IDUA D6REB5	SLC16A4 O15374
32316	PGLYRP2 M0R2W8	SLC10A7 Q0GE19
32317	ATP8B4 Q8TF62	ATP8B2 P98198
32318	GPR113 D6W540	GAS2L3 Q86XJ1
32319	ND1 U3L5A5	MNDA P41218
32320	HDAC11 B5MCU6	CRYBA2 P53672
32321	COX6C P09669	ATF4 Q6ICP0
32322	CARS A8MVQ3	HLA-A I1U8N1
32323	ABCA2 H0Y8D6	SEPSECS A1A4F3
32324	ZBTB17 H7C1K8	CYTB D7NUQ5
32325	ZNF862 O60290	MAP2K3 P46734
32326	ACTG1 P63261	IRF2BPL Q9H1B7
32327	FEN1 F5H1Y3	MC1R V9QAR2
32328	ND2 A0A059RSE3	CXCL13 O43927
32329	IMMT Q16891	PNCK C9JB09
32330	ABCB8 C9JYI3	ZNF446 Q9NWS9
32331	ETS2 C9JAG2	ND1 A0A059QWC0
32332	MPST P25325	HEL-S-101 V9HW27
32333	HLA-A D6ML55	ACOX1 Q15067
32334	MYNN Q9NPC7	HLA-C Q27W00
32335	LGALS9 K7EPS0	ATP6 F8V4U1
32336	SPRR1A P35321	ZNF548 M0R041
32337	SIPA1L1 A6H8W6	SRP54 G3V4F7
32338	RBPJ D6REC2	AJAP1 Q9UKB5
32339	ND6 A0A0A0PVF3	SHC1 Q5T187
32340	MIA3 H7C0T4	BTAF1 O14981
32341	APOL1 U5LHF6	CHRNA1 F8WDS3
32342	TRHDE H0YHU0	OR52E6 J3KPH0
32343	BCAR2 Q05GC8	GMPPA A0A087WUI8
32344	FTO Q9C0B1	NUP93 H3BP95
32345	HLA-C E0WBP9	CHEK2 B7ZBF6
32346	ICA1L C9JEP0	ND1 Q4F2Q7
32347	HLA-A G1EP88	CEP57 F5H1B0
32348	LAMA3 A0A0A0MTS5	CYP21A2 K9LHU7
32349	CHST11 A0A024RBL0	FASN Q6PJJ3
32350	ADPRHL1 Q8NDY3	ND6 Q8WCX7
32351	ATP6 Q09U65	ATP6 F1B6U5
32352	PIEZ01 H3BSF6	ILDR2 Q71H61
32353	CACNB3 F8VUW8	ALS2CR12 Q96Q35
32354	GPX4 K7ERP4	ZNF324 Q96I98
32355	MLL/AF4 G1FDV2	OSBP2 A0A024R1L4
32356	FARSA K7EPH2	MYO9B M0R300
32357	RhDCw Q8IUJ0	ND5 E0Y4S2
32358	RAB5C P51148	ALDH3A1 I3L3W9
32359	NAT9 J3QQP3	GMEB1 B1AT47
32360	ATP6 H9SR23	ELP3 Q9H9T3
32361	APOA1 P02647	UCK2 A0A024R912
32362	FHIT Q0PUW1	COX1 A0A059RTB8
32363	HOXB3 P14651	RAP1B F5H0B7
32364	CYTB H9QE13	DEDD O75618
32365	PHF12 Q0VAI6	NSMCE2 E5RFJ1
32366	ZNF551 Q7Z340	ZMAT2 Q96NC0
32367	COX1 A0A023RCN6	ND2 A0A059RLN6
32368	MGA Q8IWI9	HBE1 P02100

32369 B3GALT5|Q9Y2C3 EHMT1|Q9H9B1
 32370 ND2|A0A059QB50 RASSF8|F5H7J1
 32371 COX3|B2KLD8 COI1|Q4GCZ4
 32372 CYTB|X5CFF9 FBX022|Q8NEZ5
 32373 ND1|H9NWU9 COX3|Q5XZH6
 32374 STAT1|E7EPD2 DAAM2|F2Z2Q2
 32375 HLA-B|G0ZMJ4 DNM2|A0A024R7C9
 32376 hCG_2044638|A0A024RCP6 HLA-DPB1|A0A0A7C9L8
 32377 HLA-DR15|D6MJL2 PCDH15|A0A087X1T6
 32378 EPB41|P11171 HLA-C|D7NP70
 32379 ZNF431|M0QZN7 KIF3A|Q9Y496
 32380 CARHSP1|H3BSW7 RNF44|H0Y9W0
 32381 UGT8|Q16880 CD33|P20138
 32382 ZNF677|M0R079 CCT3|E9PRC8
 32383 SART3|F8VVK9 HLA-A|F2VYI5
 32384 DIP2B|Q9P265 TOE1|Q96GM8
 32385 GLB1L|C9J1Y9 CRH|P06850
 32386 HFE|Q9TQ79 NPC1|K7ERW2
 32387 CYTB|F1B6A7 GJA5|X5D2H9
 32388 TENM3|Q9P273 GRIN1|A0A024R8G5
 32389 FCHSD2|O94868 RPUSD4|A0A024R3K2
 32390 NEU1|Q99519 TBC1D15|Q8TC07
 32391 ANXA1|Q05BR2 TTR|P02766
 32392 CDSN|Q2L6G8 SLC12A4|J3QRE2
 32393 SULT6B1|A0A0C4DG03 MTMR8|Q96EF0
 32394 SLC19A3|E7EM61 CYP21A2|A9UF28
 32395 ND5|A6ZE30 ESX1|A6ZIT2
 32396 RHD|Q99906 ABCB4|Q6PJ81
 32397 PCDHGA4|Q9Y5G9 PI4KA|A8MTF1
 32398 HLA-DQB1|A0A0A7C9M1 NT5C3A|X6RM59
 32399 NADH4|Q4GJM8 MARCH10|G3V1Q5
 32400 KRT13|K7ERE3 HNRPK|Q5EC54
 32401 HLA-A|E2GJE2 CYTB|V5L8B2
 32402 hCG_1998851|A0A024QZ62 MAB21L1|Q13394
 32403 ATXN3|D3VVK6 ATP8|H9SZ30
 32404 IQCF1|Q8N6M8 ABCA10|E5RFN6
 32405 STAT3|K7EP08 TAP1|Q13013
 32406 ATP11B|H7C4W6 TP53|Q1HGV3
 32407 cytb|Q85KX0 NAPB|A0A087WZQ7
 32408 DOCK9|B9EG73 BRCA1|Q4EW25
 32409 HLA-DQB1|U3Q229 COX3|F2WG19
 32410 DKFZp566F223|Q9UGA2 PALM|O75781
 32411 MIB2|F2Z2L2 CYP2D6|D5KMS0
 32412 RP1L1|Q8IWN7 ATP6|Q4ZEE6
 32413 SLC16A3|J3QRA0 DEF8|Q6ZN54
 32414 ND1|Q7YCF4 AP3M2|E7ER80
 32415 USP45|Q70EL2 HLA-C|G0X8T0
 32416 ADAM29|Q9UKF5 CRYZL1|C9JAL0
 32417 ANXA5|D6RBL5 DARC|U6NJ48
 32418 RHD|O75104 BRPF3|E9PSF3
 32419 SPAG5|K7ELC8 OR2A1|Q8NGT9
 32420 MAGEA9|P43362 RAPGEF6|Q8TEU7
 32421 IGSF9B|Q9UPX0 HLA-B|A0A0A7C4W3
 32422 OXTR|P30559 GLRX5|Q86SX6
 32423 PDXK|O00764 C1QL3|Q5VWW1
 32424 CYP21A2|C7DTW8 HLA-C|U5YD81
 32425 NAP1L1|F8W0J6 KLC4|Q9NSK0
 32426 CYTB|V9K6A9 HLA-C|D3U752
 32427 EFCAB1|Q9HAE3 CNBP|P62633
 32428 HLA-A|F6IQS0 FAM32A|Q9Y421
 32429 IFNL3|Q8IZI9 NF1|J3KSB5
 32430 HLA-DQB1|A0A0A7C7R9 DMRT3|Q5W0Z5
 32431 HLA-C|M9P938 ND5|Q5XTD1
 32432 BTG1|F8W0U7 CERS2|Q5SZE3
 32433 C19orf73|Q9NVV2 HLA-B|D4HPJ9
 32434 HLA-C|A0A0A7C831 MC1R|Q1JUM5
 32435 JAZF1|C9JGY8 COX1|A6Z5Z1
 32436 COX3|D7P661 UCHL5|H0Y4E0

32437	CST5 P28325	SP011 Q9Y5K1
32438	PLCB1 H0YJC2	ND5 V5L8C9
32439	SLC39A1 Q5T4K4	PEPD V9GY89
32440	ZNF43 M0QXI2	RPRD2 Q5VT52
32441	GXYLT1 Q4G148	CE5B3 Q96Q97
32442	HLA-DRB1 A7UHF9	KCNH3 B9EK44
32443	GPLOW Q92917	INTS2 J3KMZ7
32444	ND2 V9JQD4	PHYKPL Q8IUZ5
32445	HCAR2 Q8TDS4	RD3 Q7Z3Z2
32446	UTY E1NZ82	ND1 H9NWU9
32447	ZNF19 H3BNI0	HLA-C A0A0A7C4Z5
32448	TLE6 Q9H808	SKA2 J3QL03
32449	STK36 Q9NRP7	HS3ST3A1 Q9Y663
32450	CYTB G9C8K2	LATS1 Q6PJG3
32451	PEG10 Q86TG7	PIGW Q7Z7B1
32452	CYTB A0A023Q8F3	AMBN Q3B861
32453	MLLT10 H0Y5C4	SLC25A19 J3KTL0
32454	MED13 Q9UHV7	PCDHGA2 Q9Y5H1
32455	SUPT20H F6S7C4	ATP6 A3FPA1
32456	ZNF675 M0QXU1	ND1 A0A059S0J3
32457	PSMB10 J3QQN1	FEN1 P39748
32458	CLASRP Q8N2M8	PPM1B B8ZZF0
32459	HLA-C D3U4D3	hCG_20425 B4DNA4
32460	DKFZp781K1922 Q68CP5	GPR61 Q9BZJ8
32461	UTY F4MHJ6	TINF2 Q9BSI4
32462	PTPN3 P26045	ZSCAN2 F8W6Y9
32463	RUNX1 X5CT67	SOX9 U5XJZ1
32464	EIF1AX P47813	CSTF3 Q12996
32465	SCAP C9JQ35	ELOVL7 A1L3X0
32466	TIA1 E5RGV5	KCNMB4 H0YC85
32467	APOL1 U5LIG7	ND2 Q5S9Q5
32468	SKA1 K7EP61	MC1R V9Q8F1
32469	CASK B7ZKY2	HUWE1 Q5H924
32470	THAP9 Q9H5L6	MICA A0A024RCL3
32471	STK38L Q9Y2H1	ND1 A0A059QH0
32472	KLHL17 Q0VGE6	RAP2A P10114
32473	METTL15P1 P0C7V9	HLA-DQB1 U5IQH8
32474	TRIM37 J3KS72	HLA-B A0A0A7C7F7
32475	HLA-C U5YCC8	POLK D6RAE5
32476	DPP9 M0QXI5	STON1-GTF2A1L A0A0A6YYG5
32477	SUB1 P53999	ND5 H9T1U8
32478	METTL1 Q9UBP6	GALNT11 A0A090N7X6
32479	HLA-DR15 E3SGC8	COX1 H9TVE6
32480	ZNF346 B7Z6Q2	RNF157 Q96PX1
32481	GLS B8ZZA8	CRISP3 P54108
32482	CACNA1H Q9NYY6	HLA-DPB1 A0A0A7C9T1
32483	OR4A15 Q8NGL6	CST9L Q9H4G1
32484	NIN/PDGRFB Q5UBV6	CORO2A Q92828
32485	ND4L A0A059QFD8	SPATA13 Q96N96
32486	CLCN3 Q7Z4M4	USP17L6P Q6QN14
32487	NUAK1 F8VSH4	hJak3S Q9UMU1
32488	ATP6 E1B4I5	FZD3 Q9NPG1
32489	WDR45 C9JE01	NUDT13 Q4G134
32490	CTBP1 Q13363	BRD1 A0A024R4W4
32491	CCL21 Q6ICR7	TMEM57 Q8N5G2
32492	STK39 Q9UEW8	HLA-C E1XUP6
32493	IRS1 A0A024R499	CYTB T1Q5R8
32494	MITF C9K0S7	VGLL4 A0A0A6YYI5
32495	CYTB A4ZKZ9	WARS G3V339
32496	ZCWPW2 C9JFK0	NCF1 P14598
32497	ATP6 D0UTW1	BRCA1 Q05BZ9
32498	PKD1L1 Q8TDX9	APEX1 P27695
32499	HLA-C G0ZMM1	ZFX C9J682
32500	ND3 A0A059RR35	APOA5 C9JZZ0
32501	KRTAP4-3 Q9BYR4	AGMO X5D773
32502	ATP6 A0S0Z5	FOXN4 Q96NZ1
32503	ZNF630 B2ZWG8	CYTB X5C498
32504	HLA-C F8SKZ9	TOM1L1 I3L3T4

32505 UGT1G|Q13407 FBX031|Q5XUX0
 32506 CUL5|L0L6D8 UTY|F4MH32
 32507 XAF1|Q6GPH4 DRG2|J3QL90
 32508 VIPR1|C9JDT8 TOP3A|J3QS25
 32509 ND5|V9IVA7 ACKR2|V9GYM0
 32510 ND2|U5PQT0 hCG_2044188|Q8NH77
 32511 ATP6|A0A059VCQ6 ATP2C1|D6REJ1
 32512 CYP2D6|W5QSH4 ZSWIM4|Q9H7M6
 32513 NMB|P08949 CHMP2B|B2RE76
 32514 cytb|B2XQU2 HLA-A|F8R8I7
 32515 EIF2AK2|B7ZKK7 LYSMD1|Q96S90
 32516 ASAP3|H0YE36 DDX5-ETV4|C1IK54
 32517 HLA-Cw|C0M125 ND4|X5BLB3
 32518 ITIH5|C9J2H1 ND3|X5BZL0
 32519 ND1|A0A023QZZ1 UTY|F4MHQ3
 32520 ZNF513|Q8N8E2 ND5|Q8WCW1
 32521 HLA-DRB1|A0A087WX18 ITCH|Q96J02
 32522 P4HA3|E9PM97 ARSE|C9J5G7
 32523 ARRB1|H0YET9 CLEC4G|Q6UXB4
 32524 USP49|Q5T3E1 HLA-B|G1ENK8
 32525 E2F7|H0YHW2 GALT|Q14388
 32526 KRAS|Q71SP6 SUPT20H|H7C5F9
 32527 HLA-DRB1|B0LUU3 TERF2|J3KSZ6
 32528 AASDH|D6RJA2 RBM25|E9PSE8
 32529 SPRED2|Q7Z698 EPS8|F5H3Q6
 32530 AICDA|Q6QHI9 EHD2|Q9NZN4
 32531 MAP3K6|Q32MQ5 FBNP1|Q96RU3
 32532 INTS9|E5RJ88 LYPLA2|Q5QPQ0
 32533 PSEN1|G3V4P4 ATP6V1E1|Q53Y06
 32534 RNF169|Q8NCN4 TMEM39B|Q9GZU3
 32535 GNPTAB|Q3T906 CX3CL1|P78423
 32536 MRPS9|P82933 AFAP1|Q8N556
 32537 MC1R|V9Q9R8 SCN11A|Q9UI33
 32538 STAT4|Q53RU2 COX3|H9T437
 32539 ND2|Q9B0T5 ACAD11|H0Y9C6
 32540 CDH3|J3QR60 TMEM30B|Q3MIR4
 32541 ARHGDIG|C9J3B5 MKS1|Q9NXB0
 32542 HIST2H2BE|Q16778 ADIPOR2|Q86V24
 32543 SEMA4B|Q9NPR2 EFCAB14|O75071
 32544 COX3|G5D8J6 TSPY3|Q6B019
 32545 HLA-C|H6V085 INMT-FAM188B|H3BSR8
 32546 ND2|Q9B2X3 GABRR3|A8MPY1
 32547 HLA-DOB|X5CF66 LIN9|H0Y322
 32548 RAB6C|Q9H0N0 NLRP10|Q86W26
 32549 QKI|Q96PU8 CYTB|A4GWW9
 32550 CCDC25|Q86WR0 PDXP|A0A024R1I3
 32551 SDAD1|D6RIR5 ATG7|H7BZ92
 32552 ZNF420|K7EQC9 WASH2P|Q6VEQ5
 32553 HLA-DPB1|Q9BCQ3 CMIP|Q8IY22
 32554 DNAJA2|A0A024R6S1 PPP1R13B|G3V3S2
 32555 NAA60|I3L2B4 TUSC2|O75896
 32556 DKFZp666L156|Q658M0 TFE3|A0A024QZ23
 32557 PRKACB|B1APG3 ESX1|A6ZIU4
 32558 CALM1|G3V361 SEPT2|C9JSE7
 32559 HTR1F|P30939 BATF2|B4DV37
 32560 PDGFRB|P09619 PUS7|E7EUH7
 32561 DEGS1|E7EMA0 MCM3|J3KQ69
 32562 DNAH10|Q8IVF4 NR3A2|F1D8N3
 32563 ZNF334|Q9HCZ1 MCPH1|A0A075B6F8
 32564 HLA-C|M9P949 FTSJ3|J3QRS5
 32565 ZNF345|K7EM63 NABP1|Q96AH0
 32566 NCSTN|Q5T209 GEM|P55040
 32567 TP53INP2|Q8IXH6 NAIP|B7ZLE8
 32568 SOGA1|X6R3R3 STX5|Q13190
 32569 DCI|Q96DC0 GNAQ|G9FP35
 32570 HLA-A|F2VND6 U2SURP|H0Y8D9
 32571 ND3|Q6VHJ8 HLA-A|G9HW24
 32572 ZNF224|K7ENI7 TFIP11|Q8N523

32573 SNX14|D6RJG9 COX3|B3DE35
 32574 DKFZp434B079|Q5JPB0 PIBF1|Q8WXW3
 32575 RRAD|P55042 FAF1|B1ANM7
 32576 MGC4172|A0A024R0T1 FUT2|A8K2L2
 32577 NFIB|A0A087WXP2 SF3A1|Q15459
 32578 TLR6|B6CH37 ENTPD5|A0A024R6B4
 32579 HLA-DQB1|I4EPL4 HLA-A|A0A060VCW6
 32580 HLA-C|F2VNS1 TXNRD2|A0A096LPH4
 32581 ND1|Q5Q757 PPARGC1A|A0A024R9Q9
 32582 STX10|O60499 SLC12A4|Q9UP95
 32583 ND1|J7HPH0 ST1A5|Q1ET64
 32584 CYTB|V5JLI1 ATL1|G3V334
 32585 UBE2K|P61086 COX3|B2XGB4
 32586 ZBTB43|Q5JU97 ARL6IP5|O75915
 32587 RHOF|V9GYQ1 HLA-A|D7NNP1
 32588 LRRC19|Q9H756 GRM5|P41594
 32589 SURF4|O15260 OR4F15|Q8NGB8
 32590 ACAN|H0YM81 RAPSIN|Q13702
 32591 SLC1A7|L0C9Y3 RET|A0A024R7T1
 32592 GDF5|D3YR72 R3HCC1|Q9Y3T6
 32593 ND1|A0A059RSK8 CASP4|H0YD34
 32594 IER5|Q5VY09 FGF17|O60258
 32595 TUBB6|K7ESQ3 ELK4|A0A024R997
 32596 HLA-A|D7NNM8 HLA-C|C5IZY3
 32597 PRICKLE2|H3BRB9 HRH3|Q8WY00
 32598 PSM8|X5D2R7 NR2C1|H9NIM2
 32599 YWHAE/FAM22B|G9K389 SEPT7|E7EPK1
 32600 NR1H3|Q13133 ST1A5|Q1ET62
 32601 GLS2|A0A087X004 CTPS2|H0Y5S6
 32602 PTTG1|Q6IAL9 HLA-A|D6MJC9
 32603 METTL4|I6L9E3 PMPCB|Q96CP5
 32604 ND3|A0A059RSC4 MTX1|Q13505
 32605 PPFIA2|O75334 OPA1|E5KLJ9
 32606 HLA-C|M9PAF9 ARPC2|G5E9J0
 32607 SLC3A2|H0YFX4 ARL11|Q969Q4
 32608 TRPM3|E9PBI7 NR1H3|C9JBS2
 32609 C1QBP|Q07021 LIG1|M0QY71
 32610 PABPC1|H0YC10 DLGAP2|H0YBY6
 32611 KIF21A|Q7Z4S6 cytb|Q4GK96
 32612 B3GALT4|Q5STJ7 ND1|A0A023QKQ2
 32613 SCN8A|Q6B4S2 HLA-A|E3SWG9
 32614 RFXAP|O00287 RPH3A|Q6PJY8
 32615 ZFX|B7ZKJ5 CYB561|P49447
 32616 PCDHGA6|A4IF48 EIF6|F8WD20
 32617 ERBB3|B4DGQ7 GPR113|Q8IZF5
 32618 GTLF3B|Q8N6N6 TPH1|B3VS10
 32619 CCAR2|H0YC69 CYP4F11|F8W978
 32620 CNTN4|C9JMQ2 FAM57B|F1T0F5
 32621 CYTB|E5DYG4 OSGEPL1|Q9H4B0
 32622 SERPINH1|A0A024R5K8 BC02|H0YCN8
 32623 GALT|G3V3U5 IRF5|A0A024R763
 32624 XAB2|Q9HCS7 DAAM1|Q9Y4D1
 32625 COX1|A0A059RSV5 SF4|B3KS44
 32626 NAP1L1|F8VRJ2 TMEM68|H0YC64
 32627 ABR|I3L2P5 ND5|Q6WQ97
 32628 ZCCHC7|Q8N3Z6 RNF144A|P50876
 32629 POLE|Q96IE1 SYT3|A0A024R4I9
 32630 CYTB|I3Q260 CYTB|T1Q5R8
 32631 ND3|A0A059QSQ3 ATXN3|A0A087WXY4
 32632 NENF|Q9UMX5 FTH1|E9PK45
 32633 RPS23|A8K517 SIDT2|L7X6U2
 32634 COX1|A0A059S7W0 IL1B|C9JVK0
 32635 KIF13B|E7ERX9 NDUFAF6|H0YBT9
 32636 CYTB|I7H289 TMPRSS3|P57727
 32637 HLA-DPB1|A0A0A7C8J8 FLJ00030|Q9H7N8
 32638 PRSS33|I3L3D7 ZNF589|B4DQF9
 32639 SLC45A2|A0A076YIB8 CREBZF|Q9NS37
 32640 ZNF729|A6NN14 TARBP2|Q15633

32641 BCAR1|H3BTL5 ZNF880|Q6PDB4
 32642 NCL|A0A024R4A0 PCMTD1|A0A024R7U8
 32643 HDX|Q7Z353 SYN3|A0A024R1I8
 32644 MRGPREF|Q86SM8 UTY|F4MHH7
 32645 MPZL1|A8K5D4 HLA-C|M9P9T0
 32646 SPTAN1|Q13813 ZBTB47|Q9UFB7
 32647 SLC39A13|E9PNE7 ZNF431|M0QZG4
 32648 TOMM40|K7EKG4 ATP8|A0A059QAQ1
 32649 DUX4|F8QWU0 COX3|Q4EXJ4
 32650 CREG2|Q4ZFW3 GC20|Q6FG85
 32651 CES1|P23141 OR1C1|Q15619
 32652 HLA-DPB1|A0A0A7C8S9 ND5|D5I8I3
 32653 GATC|O43716 UGT1|Q9UK62
 32654 RNF215|Q9Y6U7 RAB37|Q96AX2
 32655 CLEC2D|W8SND9 MIPEP|Q99797
 32656 FBP1|P09467 TENM2|F8VNVQ3
 32657 HLA-C|I6NWL8 SMAD3|H0YKE2
 32658 ZNF250|E9PQX5 PKP2|B8QGS8
 32659 Hosa(Japanese)-T2R48|Q50KF9 HLA-DRB1|A0A0A7C3X7
 32660 APOBEC3G|M4VSD8 MAP9|A2VCT0
 32661 CAPN2|P17655 C2orf3|A4UHR0
 32662 MTMR2|Q13614 ADGRD1|A0A087WYZ5
 32663 SLC5A9|Q2M3M2 ATP6|U5L326
 32664 ND1|A0A059RLI2 HLA-DQB1|A0A0A7CAH5
 32665 FAM53C|Q9NYF3 ZNF302|D6RA23
 32666 ND1|U3LBY6 F9|Q19UI3
 32667 INS-IGF2|F8WCM5 GLB1|P16278
 32668 CD59|H0YET2 ND5|H9SQD1
 32669 NCOR1|E7EVU5 HLA-B|T1R372
 32670 KDM1A|R4GMP9 ABI2|F8WCD7
 32671 NDUFB9|E7EWZ0 THOC5|Q13769
 32672 HLA-B|A5PHP6 ND4L|A0A059R5Y0
 32673 DPY19L4|Q7Z388 COX2|D2K1G3
 32674 CYTB|A0A059RR11 COX6A2|Q02221
 32675 ERAP1|A0A0A7E6K0 TBPL2|Q6SJ96
 32676 COL11A1|P12107 IL9|P15248
 32677 UTY|F4MHG0 IRF1|Q6FHN8
 32678 PAXIP1|Q6ZW49 C21orf2|O43822
 32679 CYP2D6|C1ID52 AP4S1|H0YJI3
 32680 CHP|A0A024R9M9 AKAP9|H0Y6Q0
 32681 PTGS2|D9MWI3 TMEM175|D6RAU7
 32682 DUT|H0YMP1 CCR5|A0A089G6S0
 32683 ZNF43|P17038 CYTB|I3PY17
 32684 CYTB|G3EBE1 GMFG|M0QYG8
 32685 EIF2AK2|C9JZT2 ATP6|H9NSN5
 32686 CHCHD5|Q9BSY4 SRY|D9J2M4
 32687 HBB|Q9BWV6 CYTB|A4ZL12
 32688 ATP6|D5I8G5 GFRA4|Q9GZZ7
 32689 ATP6|H9RQ40 ERAP1|D6RAL9
 32690 GPR32|H9NIL6 CYP21A2|A1A5B1
 32691 SMC2L1|A0A024R158 DKFZp686D0345|Q5HCIO
 32692 ND5|E0Y4S2 DDX10|Q13206
 32693 SLC2A9|A0A024R9N8 ZFP36|P26651
 32694 ZNF540|Q8NDQ6 DLX1|X5D2F9
 32695 PRRG2|M0QXL9 YTHDC2|Q9H6S0
 32696 HSPA8|Q96IS6 ANKMY1|B5MBY4
 32697 SIX6|O95475 CAMSAP1|B7ZLW1
 32698 F8|A6NAE8 USP44|F8VRW0
 32699 NRDC|B1AKJ5 RAD1|O60671
 32700 TMEM2|Q9UHN6 CFTR|Q6KED8
 32701 MC1R|Q1JUL4 RHD|B4F4S4
 32702 HTR1F|Q9P2Q4 MRGPRF|A0A024R5F0
 32703 KIF12|B1ALC3 AADACL2|Q6P093
 32704 SKA1|K7EPW0 LPCAT4|B7ZM32
 32705 ND5|E5DYP0 HLA-A|G0X8R3
 32706 MAN2A2|H0YLL4 ZNF91|Q05481
 32707 CYTB|Q15HJ6 BSCL2|H7BYY0
 32708 MYO1B|E7EQD9 POLL|Q5ZEY5

32709 ND5|G9LLB5 PRDX4|Q13162
 32710 HSD17B2|H3BRZ6 hCG_2039447|A0A024R4Z4
 32711 ZNF140|F5H4I1 TGIF2LX|Q8IUE1
 32712 SAFB2|A0PJ47 STIP1|P31948
 32713 RB1|Q6LE79 RAB33A|Q14088
 32714 COCH|G3V5G6 COX1|E5E1V0
 32715 NUDT10|Q8NFP7 ND4|A4ZLA0
 32716 MPND|Q8N594 APOA1BP|B4DP80
 32717 DEPTOR|Q8TB45 CCND3|D6RIX2
 32718 HLA-A|C5IWY0 CATSPERG|Q6ZRH7
 32719 ND3|G9LL08 MTRR|H0Y963
 32720 ROB03|A0A024R3M9 CCR5|B2KKJ9
 32721 BCD02|B0YIX7 DKFZp686D12108|Q5CZI2
 32722 PCDHGA9|Q9Y5G4 HEXA|G3XL83
 32723 POLR1A|O95602 LIPG|A0A075B751
 32724 SGSH|P51688 HLA-C|D6C6G0
 32725 C10orf11|Q9H2I8 GCHFR|P30047
 32726 CCR5|A0A089G3M5 DLL3|M0R177
 32727 TUBGCP3|A0A087WU06 VNN2|E9PQ75
 32728 OR4X2|Q8NGF9 SH3RF2|Q8TEC5
 32729 IL17A|Q16552 ND5|G5D8R2
 32730 FPGT|A0PJA8 LHPP|Q9H008
 32731 TRO|Q12816 HLA-C|I6NXM6
 32732 MYBPC3|Q14896 MYO1C|F5H6E2
 32733 DNAL4|B0QXZ5 SLC8B1|H0YI75
 32734 APRT|P07741 CRTC3/MAML2|A7LNP1
 32735 LRRTM2|O43300 HLA-DR15|E5DCR4
 32736 GPX1|Q6NSD4 TFDP1|A0A024RDY4
 32737 UBE3C|Q15386 GDF6|M1L5L6
 32738 TASP1|H7BZ38 DDX25|J3QL17
 32739 CTNNAL1|Q5JYQ6 USP10|Q14694
 32740 NCAM1|P13591 TRPM8|C4P721
 32741 CYB5R4|Q7L1T6 CYP51A1|Q05D40
 32742 CYTB|E2FPA9 TDP1|G3V2F4
 32743 CRAMP1L|Q96RY5 GAGE12B|A1L429
 32744 SPNS1|H3BMF4 CGI-87|Q53QD4
 32745 OR1Q1|Q15612 UNG|E5KTA5
 32746 CDH3|J3QL41 CYTB|A0A097KU39
 32747 MICA|Q95IC0 HLA-A|B7VCC4
 32748 ZNF628|Q5EBL2 KCNV1|Q6PIU1
 32749 HIST1H2AA|Q96QV6 CIRBP|K7EPM4
 32750 GNA15|P30679 C12orf2|Q6IB99
 32751 SPINK5|Q9NQ38 HLA-C|S4T753
 32752 CYTB|Q7HZN7 HLA-B|D6CIN1
 32753 LRRFIP2|C9JC17 HLA-A|L7PH07
 32754 GMPR2|Q9P2T1 pp12744|Q8WYW8
 32755 PLXND1|H0YAB2 KLK12|Q9UKR0
 32756 GIMAP6|B4DH95 NLGN1|J3KQ19
 32757 hCG_2020143|A0A024R540 ND1|B0Z6P6
 32758 NTRK1|X5DR71 COX2|B3DE06
 32759 ARSB|P15848 HLA-DQB1|I4EPL5
 32760 UTY|F4MHR1 CytB|Q1ADI0
 32761 TMEM120B|A0PK00 DUOX2|Q1HG44
 32762 HYAL4|C9JU18 ARL13B|Q3SXY8
 32763 ADAMTSL5|K7ELV0 CRK|L7RT18
 32764 ENDOV|Q8N8Q3 ROPN1|Q9HAT0
 32765 RIN1|Q13671 PPP2R1A|A8K7B7
 32766 KLK1|Q6T776 CCNG2|D6RHI3
 32767 ODZ4|G4VTY1 HLA-DRB1|D5FID1
 32768 SON|H7C1S4 DKFZp686A1782|Q6N083
 32769 COX2|A0A059QNV4 ANKRD33|Q7Z3H0
 32770 MBD3L4|A6NDZ8 ZNF555|Q8NEP9
 32771 RNF212|D6R9L2 TXN2|M0QXH0
 32772 FAEL4|Q8TAF6 PPP2CA|P67775
 32773 PITX3|D3DR82 GEMIN6|Q8WXD5
 32774 ND1|F2WF77 DCDC2|Q9UHG0
 32775 PDCD4|Q53EL6 BRCA1|A0A068BDT2
 32776 PEX26C350T|Q2PEG1 CLEC1A|A0A024RAN6

32777 GOT1L1|Q8NHS2 EIF4E3|C9JUY2
 32778 MICAL2|E9PNC3 BCAR1|P56945
 32779 TSPY3|P0CV98 ND2|B1NU62
 32780 ND5|I3QAV0 E2F4|A0A024R6W7
 32781 HLA-DRB1|O19517 HLA-B|I3ZN83
 32782 METAP2|G3V1U3 ND5|Q5S9S2
 32783 SYDE1|M0QXZ8 FOXD4L1|Q9NU39
 32784 ATPase|Q4GPN7 ZNF319|Q9P2F9
 32785 CYTB|E5QAA5 ZNF227|Q86WM4
 32786 SRR|I3L3N0 E2F1|Q01094
 32787 SURB7|A0A024RAW0 SYT6|V9GYY7
 32788 HLA-A|U5YJJ6 CDH16|J3QLA1
 32789 HLA-A|I3VB21 NAIF1|Q69YI7
 32790 SH3BP5|A0A024R2J3 CYTB|A0S9T8
 32791 MRE11|F5H742 ELF5|A0A087X1W9
 32792 UGT1A3|A7E1U4 WDHD1|O75717
 32793 RRM1|E9PP77 COX1|G3EBF7
 32794 CYTB|Q4VFA8 BAG1|J3QTA2
 32795 CEP57L1|E5RJG4 ND2|G3C9Z5
 32796 EXOC7|C9JME6 ESR1|B6DP72
 32797 FLT1|X2QIK8 CNTN1|F8VUI9
 32798 RAB35|Q15286 CAS1|Q8WZ77
 32799 ESR1|C0LJA9 RHD|B4F4R9
 32800 DUS2|H3BMK6 MBD3|A0A087WT34
 32801 B4GALT4|C9J5S0 HLA-C|L0RIY4
 32802 AS3MT|Q9HBK9 OBFC2B|A0A024RB89
 32803 HLA-A|F6IQX2 CIRBP|K7EIF7
 32804 ERCC4|Q92889 GRIN1|A0A024R8G5
 32805 SCUBE2|H0YEB3 H3F3B|K7ES00
 32806 ABC-1|Q9H002 UBIAD1|Q9Y5Z9
 32807 SNX11|Q9Y5W9 LDB2|E9PFI4
 32808 NFU1|Q9UMS0 RYR1|M0R0S0
 32809 SLC14A1|E9NSU1 CXCR6|A0N0N3
 32810 HLA-A|M4R8V8 DKFZp762L056|Q8N3N3
 32811 HLA-DR15|E3SWQ0 MTHFD2|B9A062
 32812 TRAF4|K7ER49 HLA-Cw|Q6UQM7
 32813 SLC26A9|Q7LBE3 OTUD7A|H0YN66
 32814 ALG12|H7C4I6 C2orf44|Q9H6R7
 32815 TRIT1|Q3T7C6 APOC1|P02654
 32816 PFN2|C9J5V8 CRISP2|P16562
 32817 TP53|L0EPX4 PCSK6|A0A0A8WJK9
 32818 HLA-C|I6TEZ2 HLA-C|F2VNS8
 32819 SARCOSIN|Q3ZTS6 HLA-DRB5|Q9TPE2
 32820 HLA-B|K7QT39 TMEM68|Q96MH6
 32821 CBLB|Q13191 RAB5B|Q6FI54
 32822 KRT79|Q5XKE5 ATXN3|D3VVC8
 32823 OR2B6|P58173 ATP8|A0A059RKD4
 32824 HIST1H2BN|A0A024RCJ9 SLC35A1|A0A087WVM1
 32825 EAF1|Q96JC9 ATP6|G9LGH0
 32826 HLA-C|J7F570 ND2|Q9T3Q5
 32827 LSM10|Q969L4 VSX1|Q9NZR4
 32828 HOXC13|P31276 AMTN|Q6UX39
 32829 SRRM1|E9PCT1 HLA-C|H2BDR2
 32830 XRCC1|M0R1U8 DKFZp313F1310|Q69YS2
 32831 GJA8|A0A097IW98 SNX3|O60493
 32832 SEPSECS|Q9HD40 ARRB1|H0YET9
 32833 BLMH|K7ESE8 ECHDC3|Q96DC8
 32834 ARFRP1|B7ZKY8 COX3|A0A097Q1S3
 32835 ER01L|Q96HE7 TRIM13|X6R9U5
 32836 TNFRSF19|A0A024RDM5 SLC37A2|E9PRJ4
 32837 ATP6|H9QPX8 DUSP6|F8VW29
 32838 ATP1B3|C9J6S2 AKR1C2|P52895
 32839 FAHD2A|Q96GK7 GINS4|Q9BRT9
 32840 HLA-C|C6K4K7 CDYL|C9JQG7
 32841 ND3|G3CA53 OR13A1|Q8NGR1
 32842 LGALS1|Q3ZCW2 AR|D5M8Q2
 32843 ATP6|Q2HL42 IER2|Q9BTL4
 32844 KEL|D8MJ82 ZNF185|B3KPM4

32845 ADD1|P35611 GRM4|Q14833
32846 PGD|P52209 PABPC4|H0YER0
32847 AURKB|J3QR41 CYTB|A0A097Q3D6
32848 CPVL|O75225 DIAPH1|O60610
32849 DDO|Q99489 AMPD2|E9PIJ1
32850 COX1|A0A059QI24 SLC9A3R2|H3BQ50
32851 BMF|Q96LC9 AIMP1|Q12904
32852 HIST1H2BN|U3KQK0 MGST1|A0A024RAX2
32853 CD44|Q99900 ETNPPL|D6R9Y3
32854 CPM|F8VR29 MPI|H3BPB8
32855 PMF1|Q6P1K2 FAHD2A|Q96GK7
32856 GAD65|Q9UGI5 CYTB|A0A0A0PNS8
32857 DKFZp434B2017|Q9H029 PPAN-P2RY11|A0A0B4J1V8
32858 PIK3C2B|A2RUF7 MGARP|Q8TDB4
32859 CIPC|G3V5Y7 HLA-DRB1|D5FIE8
32860 RUNX1/CBFA2T2|D1LUZ4 ALDH7A1|P49419
32861 SEPHS2|B4E093 PSMA7|O14818
32862 DNAJC15|Q9Y5T4 EGFLAM|Q63HQ2
32863 BLK|Q05D26 RETSAT|Q6NUM9
32864 ZNF582|K7ESE7 SNX18|Q96RF0
32865 FNBP4|Q8N3X1 METTL9|Q9H1A3
32866 PEX1|H7BZH3 ADAMTS13|Q6QNA6
32867 ZDHHC12|Q96GR4 MUS81|B3KX63
32868 SCYA1|Q76BR7 ND5|A0A068BZ12
32869 DNAH2|Q9P225 ND4L|A0A059QC08
32870 HLA-A|U5IS80 ND5|A0A059RIW6
32871 KIAA1217|B7ZM29 REPIN1|C9JZE3
32872 TSNAX|A0A024R3V8 HIST1H2BH|Q93079
32873 CORO1A|H3BNA2 ZNF561|C9J7U2
32874 UBE2Q1|Q7Z7E8 CYP2D6|D5KN64
32875 AP4M1|H7BZV3 KRT8|Q969I0
32876 ALDH3A1|C9JKT2 HLA-A|F2VNF7
32877 ZNF672|D6RD56 CROCC|A1L0S9
32878 ND2|A0A059S365 HLA-Cw|B0F9N1
32879 INSC|Q1MX18 GRM2|C9JL63
32880 RHCE|A0A0A1TSH2 LYPLA1|O75608
32881 CYTB|Q5S8X1 LHX2|H7C0H1
32882 APOC3|P02656 RBM12|A6PVI1
32883 HNRNPAB|D6RD18 CPSF4L|A6NMK7
32884 PTK7|H0Y8F1 C6orf224|B7ZL24
32885 KRTAP3-2|Q9BYR7 POU2F3|E9PIN6
32886 TNRC18|O15417 INTS7|D3DT96
32887 PDE4|Q86V67 IYD|C9JXJ9
32888 MTRF1|A0A087WZ41 ND6|V9J6I9
32889 SLC22A8|Q8TCC7 ARL2-SNX15|V9GYD0
32890 MPPE1|K7ESB8 hCG_2043420|A0A024RB51
32891 PTPRR|Q569H9 TBP|Q7Z6S4
32892 ENTPD2|Q9Y5L3 ABHD12|I3L380
32893 CDHR4|H7C4N6 TBCA|Q6FGD7
32894 CPA6|Q8N4T0 ZNF681|E9PJB6
32895 ND5|R9Y2A0 ATP7B|B7ZLR4
32896 DNAH11|H9NAJ8 RFC5|P40937
32897 HLA-B|A0A0A7C7N6 ADRA1A|B0ZBD3
32898 RUFY2|Q8WXA3 RPS15A|H3BT37
32899 KBTBD3|Q8NAB2 LOC728377|Q32Q31
32900 SLC01A2|C9JG34 TSG101|L0L6B6
32901 CNDP2|A0A087WVS2 ZNF48|Q96MX3
32902 ARNT2|H0YKW1 EFCAB3|E5RHB1
32903 ND5|A6ZFS5 FGF6|P10767
32904 PRC1|A0A024RC67 CSNK2B|N0E466
32905 MYH13|Q9UKX3 LDHA|F5GXH2
32906 COX3|Q9B2W9 ATP6|H9Q2F0
32907 POU4F1|Q01851 NUP98|P52948
32908 ATP6|W5VMK3 CELF1|G5EA30
32909 PLCB2|H0YNI4 TSLP|A0A0C4DG43
32910 PLA1A|H7C4H1 MAP2K3|E9PRZ0
32911 HLA-A|G9FTK2 TAF15|Q92804
32912 MT3|A0A024R6R7 CELF2|Q5VZZ6

32913 ATP6V1B2|H0YC04 ZNF485|A0A024R7T5
 32914 SEPN1|Q9NZV5 CP|E9PFZ2
 32915 REPIN1|A0A090N8Z2 ZNF791|M0R0E8
 32916 HLA-DPB1|A0A0A7C705 ND2|A0A059RSB5
 32917 FXYD7|K7ENE8 CYTB|E5DZZ7
 32918 PLA2G4F|A2RRC4 HLA-C|F2VP93
 32919 ZNF431|M0QZN7 GGCX|F8WDU9
 32920 OR11A1|A2RRF6 EIF2B1|F5H0D0
 32921 NFIB|Q5VW27 ABCB4|A7J1R7
 32922 CNIH|B2R4P1 JOSD3|A0A024R3A9
 32923 SSX3|Q99909 DPY19L1|Q2PZI1
 32924 HLA-C|S5DU09 ND5|A1DTC3
 32925 IMMP2L|A4D0S9 HLA-A|A1Z1D7
 32926 GNAL|A8K1Y9 HLA-C|F4YU76
 32927 ND1|A0A023R2I7 MSX1|E9KXZ6
 32928 GPR160|Q9UJ42 ND5|C9D4X6
 32929 NYX|Q9GZU5 HLA-A|A0A0A7C6X5
 32930 FAM20C|Q8IXL6 PNPO|J3QQV6
 32931 TRIM4|Q9C037 SBF1|A0A024R4Z9
 32932 APEH|P13798 BPIFB1|Q8TDL5
 32933 HLA-Cw|B5BLP2 KIF5C|O60282
 32934 HSD17B12|Q53GQ0 KIT|A0A024RDA0
 32935 FZD6|E5RJG0 ND5|Q6VIF3
 32936 SLC5A4|C7EWH7 PMPCB|G3V0E4
 32937 HLA-A|D6MJ91 ND5|I7A0A7
 32938 TAS2R43|P59537 ATP8B4|H0YM66
 32939 FRMD5|B5MC67 WT1|E9PPW3
 32940 POLR2F|B0QYL8 WIPF2|J3QQS0
 32941 CRK|L7RT18 MYBL2|P10244
 32942 HLA-C|A0A0A7C5D5 ND1|G9LHL8
 32943 ARHGAP33|A0A0A0MQQ9 ND2|K9R0L5
 32944 S100A12|P80511 cytb|B5LMK0
 32945 TNP02|K7ESC1 TUBGCP3|Q96CW5
 32946 TSPAN6|O43657 DNPEP|A0A024R442
 32947 PLCB4|B1AJW2 ADSSL1|G3V2N1
 32948 STRA8|Q7Z7C7 SEPT2|C9J938
 32949 COX1|A0A059QN30 ND1|H9QPP5
 32950 HYAL3|Q6IAP1 LOC92270|A0A024RAQ7
 32951 AP4B1|Q9Y6B7 RPL26|J3KTJ8
 32952 CUL3|Q53S54 EIF4E2|B9A044
 32953 RHD|O75103 CDK12|Q9NYV4
 32954 MYC|B3CJD8 TECPR2|O15040
 32955 ZNF584|Q8IVC4 ND6|B2D5P9
 32956 HLA-B|Q52QV7 STX1A|A0A0C4DFZ1
 32957 CXCL14|A0A0C4DGC1 ND4L|A0A059RXZ1
 32958 YWHAE/FAM22B|G9K389 ACAD11|D6RDI8
 32959 ADCY1|Q08828 ATP6|H9LRH8
 32960 ILKAP|E9PC05 P2RX6|H7C140
 32961 ZNF397|K7ERU5 KAT14|A0A075B6H4
 32962 CYTB|H9SK11 UMODL1|Q6L9N4
 32963 EYA1|F8WB53 AQR|A0A024R9L1
 32964 RDH10|A0A024R7X6 NRXN2|Q9P2S2
 32965 ATP6|H9RN98 GAB1|Q13480
 32966 GKAP1|C9J9D2 TDRD7|Q8NHU6
 32967 SIAH2|O43255 HLA-C|M9P8J2
 32968 PPIH|O43447 RHEBL1|Q8TAI7
 32969 PRKCH|P24723 HLA-A|D7NNR3
 32970 HLA-C|J7K4S6 PRKD1|Q15139
 32971 ANXA2|H0YKX9 ATP6|A0A059RXE0
 32972 USP4|A0A024R2T0 EYS|F1T0I0
 32973 HLA-A|I6NS19 NRP2|A0A024R412
 32974 ZMAT4|Q9H898 NDUFS4|O43181
 32975 TPBG|Q13641 VPS8|Q8N3P4
 32976 ATF6B|Q6AZW6 TNKS|E7EQ52
 32977 NDUFV2|Q9UEH5 STAT1|E7ENM1
 32978 COX1|Q4F563 DKFZp686M1669|Q68E10
 32979 RHEBL1|Q8TAI7 KIF7|B7ZKY4
 32980 CRYZL1|H7C3I5 HSF2BP|O75031

32981 IQSEC2|Q5JU85 PKM|H3BT25
32982 ATF5|A0A024QZG3 SAMD11|I7FC40
32983 PHYKPL|D6RAR0 RPS3|E9PJH4
32984 ND2|F2WFE3 ESR1|Q9H2M2
32985 HLA-C|F2VYL0 HLA-Cw|C0M128
32986 ATP2A2|A0A0C4DH86 CHST5|Q9GZS9
32987 ENOPH1|A0A0C4DGY8 HLA-A|Q9SHA5
32988 AP2S1|M0R0N4 MT1M|A0A024R6T4
32989 OR10K2|Q6IF99 UBLCP1|Q8WVY7
32990 CATSPERD|Q86XM0 TXK|D6RBM7
32991 YTHDF2|B5BU99 GTF2E1|P29083
32992 RUNX1|X5C9T0 PGAM1|Q6FHK8
32993 EIF2S3L|Q2VIR3 FBN1|Q75N89
32994 TSPYL5|Q86VY4 ABAT|H3BPW8
32995 OR2AK2|Q8NG84 ZNF551|M0R2M4
32996 BPGM|A0A024R782 EHD1|C9JC03
32997 NUP153|A0A024QZW7 MYEF2|A0A024R5Q6
32998 PRCC|Q92733 HLA-A|Q8SNC6
32999 PCBP1|Q53SS8 FLOT1|Q5ST80
33000 COX3|H9QYR0 FHIT|Q0MQR8
33001 HLA-A|Q1XG28 XRCC4|Q13426
33002 ND1|A0A059R4W0 ND5|A0A096WSU0
33003 DEFB108B|Q8NET1 ZNF574|A0A0C4DFM2
33004 ALDH5A1|X5DQ2 MAP3K2|A0A024RAH0
33005 ECE1|A0A024RAB0 HEL-S-102|V9HW43
33006 NIM1|Q8IY84 DKFZp434D2030|Q9NSV5
33007 SUSD1|Q6UWL2 PTK2|E5RI03
33008 MAML2|B7ZL21 PIK3C3|K7EIV6
33009 LACTB|P83111 FABP3|S4R3A2
33010 ACD|R4GNJ5 FAP|C9J131
33011 RBM14|B8ZZ74 MDM2|Q8NDV9
33012 UTY|F4MHC6 CNIH1|G3V3B2
33013 PPARG|Q4W4C6 HTRA1|Q05DJ8
33014 ERVW-1|Q9UQF0 QTRT1|K7EJ21
33015 APOBEC3H|B7TQM9 CYTB|Q5XT51
33016 HBB|F8W6P5 DUX4|C3U396
33017 CAVB2G|Q5UM67 ATP6|D6N5X2
33018 TRIM11|Q96F44 HLA-DR15|S4TZG6
33019 HLA-DQB1|A0A0A7CAV6 CIRBP|K7EQR7
33020 CPA2|P48052 NELFA|C9JHL4
33021 PSEN1|H0YM52 UTP14A|X6RJY0
33022 HLA-A|J9PWL3 SYNJ2|E7ER60
33023 SVEP1|A0A0A0MSD0 BSG|P35613
33024 CHPT1|F8W1B3 MRPL51|A0A0B4J2C1
33025 PTGDS|P41222 ZFYVE20|Q9H1K0
33026 HLA-B|V5LKG1 ND1|H9MJW2
33027 ERBB2|Q4H1F2 SPAG16|Q8N0X2
33028 PPT2|A0A024RCQ8 SNRPB|B4DVS0
33029 SEPT11|D6RER5 AP2S1|M0QZ21
33030 HEL161|V9HWE4 NEK9|G3V2Z5
33031 SLC02B1|C7BWB7 SUPT5H|B4E0Q4
33032 IRF8|H3BQK3 RNF43|J3KSE3
33033 ND2|A0A059RNM8 AKAP13|H0YK84
33034 ARHGAP25|P42331 ND5|E7E3Z1
33035 HLA-DQB1|A0A0A7C8Y4 NLK|H0YD75
33036 MYO1A|Q9UBC5 ODF4|Q2M2E3
33037 ATP6|H9MN09 TAF13|A0A024R089
33038 CCND2|H0YGD4 LIME1|A0A087WZP9
33039 YWHAB|B5BU24 KBP-1|Q99302
33040 ACHE|P22303 ZNF588|A0A024R5Y9
33041 EXOC5|O00471 TFPI2|H7C4A3
33042 GKAP1|B4DXS0 ZNF793|K7EQP3
33043 PPP1CB|P62140 SLC25A22|K4DIB0
33044 OR3A1|A0A087X1K4 ARPC5|O15511
33045 HLA-C|D5M8C2 DKFZp434D0815|Q9UFC7
33046 CPSF4L|A6NMK7 NAT2|A4Z7V0
33047 COIII|Q4GU59 CFTR|P13569
33048 PER3|A2I2N5 NRXN3|A0A0A0MR89

33049 IGFBP1|C1K3N3 RPL17|J3KRB3
 33050 INMT-FAM188B|H3BSR8 HLA-C|Q6T614
 33051 ND5|A0A097QFR9 PUS1|Q9Y606
 33052 EIF4G2|H0Y3P2 ZNF7|F5H290
 33053 DPP10|B4DKB5 PRSS33|I3L3D7
 33054 PRL|P01236 ND3|D7NUT9
 33055 DEFB105A|Q8NG35 ADCY3|C9JYB5
 33056 GRXCR1|A8MXD5 AKAP8L|M0R008
 33057 GALC|A0A087WX10 MAGEA2|P43356
 33058 IL13RA2|Q14627 PRKAR1A/RARA|A6YCE2
 33059 MDR3|I7C0V7 SLC15A3|F5H251
 33060 GMPR2|H0YKK3 HLA-A|A9IW15
 33061 PLK1|I3L387 HLA-DQB1|A0A0A7C6Q4
 33062 KIF1B|A0A087WWA3 CYTB|G9LD31
 33063 ACHE|F8WAR7 SLC25A6|Q6I9V5
 33064 INO80|H0YNL3 DCTD|D6RBN2
 33065 RBKS|Q9H477 IL18RAP|O95256
 33066 COI|Q4GVU8 ND4|U3L9L1
 33067 AMPK|A0A0A0N0L1 CYTB|D5MAC9
 33068 PDXDC1|Q6P996 ATP6|A0A098CMI8
 33069 XPA|F2Z2T2 COX3|F2WIP2
 33070 GRK1|Q15835 TP53|A0A087X1Q1
 33071 EIF5|H0YMJ8 LRSAM1|Q6UWE0
 33072 C11orf63|Q6NUN7 ZG16|O60844
 33073 ChGn|B3KNW4 MAGI1|A0A087WT53
 33074 IPO9|Q96P70 ND1|A0A023QKB4
 33075 IAPP|P10997 PWP2|Q15269
 33076 CDH8|J3QLE6 RTCA|A6NIC1
 33077 CD5|H6D9U9 HLA-C|H9BYT3
 33078 RPN1|Q6IBR0 RNASEL|Q1RLL8
 33079 MEX3B|Q6ZN04 XPA|W0FSR8
 33080 HLA-C|D7NP07 NCALD|E5RFL9
 33081 ZNF691|Q5VV52 IRF8|H3BPS5
 33082 ABI2|F8WAQ3 ELK3|F8VUJ0
 33083 FGFR2|E2I6F9 PHC1|B2RXH1
 33084 ALF|Q53S48 GZMB|J3KQ52
 33085 ENPEP|Q07075 ATP6|D0UTW1
 33086 WNT4|Q8IUM6 ABCB4|A7J1R9
 33087 ATP6V1H|H0YB41 MLLT11|Q13015
 33088 KCNK7|Q3SYI1 ZNF131|D6RE06
 33089 GTF2I|X5DR09 DKFZp686E1393|Q6MZL1
 33090 ND5|A6Z901 CYTB|H9SFM7
 33091 OR10X1|Q8NGY0 ANPEP|H0YKT6
 33092 TALD01|B4DID5 CYB561|J3QLS0
 33093 CLDN19|Q8N6F1 TRPC5|Q9UL62
 33094 ARHGEF3|H7C4P0 PKDREJ|Q9NTG1
 33095 ND2|G3CA47 SMN1|I2E4T3
 33096 PTF1A|Q7RTS3 ND5|A4ZMH6
 33097 AGMO|X5D773 EGR3|Q06889
 33098 COX1|G5D8N1 HLA-C|K9L7R8
 33099 CYTB|A0A096WI17 ZNF800|A0A087WXB4
 33100 COX3|A6Z9Q7 ARV1|Q9H2C2
 33101 COG1|Q4G0L8 PKHD1L1|Q86WI1
 33102 CALM2|E7EMB3 AGPAT6|Q2TU73
 33103 ABCC3|Q86VN9 C11orf57|Q6ZUT1
 33104 UCHL1|D6RF53 AKAP1|I3L0W0
 33105 BRCA1|A0A068BDT2 DUS2|H3BTR3
 33106 IMMP1L|A0A0B4J221 B3GALNT2|Q8NCR0
 33107 SUMO2|P61956 OR52I1|J3KQU7
 33108 CMPK|B2R6S5 TSN|B3KRM8
 33109 CCNA1|P78396 ATP6|B0EWL8
 33110 INSIG1|C9JSG8 PDCC1|Q15116
 33111 ZNF385C|C9J6X6 ABI1|Q8IZP0
 33112 HEL-S-107|V9HW71 HLA-C|E3Q1I0
 33113 CSAD|C9JTU8 GRPEL2|D6RGI6
 33114 LAMB2|A0A024R319 TSPYL4|Q9UJ04
 33115 CTBP1|Q13363 POLD2|P49005
 33116 UTY|F4MHH8 MYEF2|A0A0A0MQW0

33117 COX7B2|Q8TF08 APOL6|Q9BWW8
33118 HLA-A|D3VPJ4 CYTB|F2WIH0
33119 GSTT2B|P0CG30 FTL|Q4FCH6
33120 G6PD|Q0PHS1 JPH4|Q96JJ6
33121 SYT3|M0QY70 GUCY1B3|Q02153
33122 PLK2|A0A024QZV1 CTFR|A4L9V0
33123 Hosa(Biaka)-T2R13|Q50KQ5 GGTLC1|Q9BX51
33124 HLA-DQB1|A0A0A7C8F8 ND5|R9Y676
33125 SLC23A3|A0A0A0MSG3 ILVBL|A1L0T0
33126 NME3|H3BPD9 TGFBR3|Q03167
33127 ICK|A0A024RD59 SKI|P12755
33128 LYZC|A0A080YUZ7 SMARCD2|J3KMX2
33129 KCNMB2|D3DNR0 NR1I3|D6REZ7
33130 PMPCB|Q96CP5 IRX5|P78411
33131 NTF4|M0R0X2 UROS|A0A087WZB7
33132 ASAH1|B1B5P7 SEPT9|K7EIR4
33133 SHFM1|A0A087X261 NUDT5|A6NJU6
33134 CLVS1|E5RK22 WISP3|F8WC24
33135 MFSD1|C9JZW5 MEIS2|A0A024R9I7
33136 ND4|H9MW73 CARD18|P57730
33137 NDE1|Q9NXR1 MMP3|E9PKX2
33138 CYTB|Q7Y7L1 SMC2|Q05D74
33139 DHPS|M0R0V2 COX1|G5D823
33140 HLA-C|F6IQK9 SOCS2|A0A024RBD2
33141 CYP21|Q16748 ND1|Q5S8X0
33142 IL4|D4HNR6 EVPL|B7ZLH8
33143 FLT1|V9Q458 ITGA1|P56199
33144 HLA-B|A0A060VCZ6 CDC42|Q5JYX0
33145 TMEM38B|H7C3B3 DHDDS|Q86SQ9
33146 ND1|A0A096WG04 RBBP8|A0A024RC34
33147 CYTB|A9QXT2 MTMR4|J3QKV8
33148 SLC19A1|C9JKP4 CEP192|H0Y966
33149 HEL-S-68p|V9HWF4 PVRL2|Q7Z456
33150 CANX|D6RAU8 IFNA1|P01562
33151 MNS1|Q8NEH6 TMEM25|Q86YD3
33152 DNMT3B|Q9UBC3 PHYHD1|A0A024R893
33153 ZEB2|E7EUW9 USP42|C9JPC9
33154 RAD50|Q32P42 ZNF560|Q96MR9
33155 SLC2A11|F8WB79 FAM134B|Q9H6L5
33156 HLA-DQB1|F8LFZ7 CYTB|H6TWM3
33157 ND1|A0A059RU04 RHD|G8YY12
33158 HSPA14|Q6P155 CACNA1C|E9PDI6
33159 FLT1|V9Q458 CTNNA1|P35221
33160 CYTB|H9S213 DMGDH|E5RG50
33161 RFX7|B7ZKX1 ND5|E9LCI3
33162 CMKLR1|Q99788 KLK10|Q6ICR6
33163 HLA-DQB1|A8KS05 HEXA|G3XL83
33164 ND1|A4ZM51 NCBP1|X6R941
33165 PYCR2|B3KMB7 NPAS3|X5DR67
33166 TLR4|D2JYI5 HLA-A|Q9TQ28
33167 SLC22A23|C9IZW5 MMP25|Q9NPA2
33168 ARX|Q96QS3 SERINC1|Q9NRX5
33169 HLA-Cw|Q708F1 HLA-C|H9C8X7
33170 N4BP2L2|Q92802 PRSS3|Q8N2U3
33171 CSGALNACT1|Q8TDX6 SLC27A3|X6R3N0
33172 VSIG1|C9JY48 XPC|D2CPJ4
33173 PRKACB|A0A087WVC4 IL6ST|P40189
33174 PPARG|Q6L9M1 ARHGEF9|B1AMR3
33175 HEL-S-90|V9HW16 AQP2|Q6FGT3
33176 MT2A|P02795 CHMP3|Q9Y3E7
33177 COQ5|F8VVD5 ZFHX1B|Q60F95
33178 GLRB|P48167 CACNA1H|Q9NYY6
33179 SNTG2|Q9NY99 SYNJ2|O15056
33180 RBMS3|C9J9B2 ZNF577|Q9BSK1
33181 SOCS3|O14543 ACER3|E9PIN9
33182 CYTB|G9LBA7 NR1B1|F1D8N9
33183 CYTB|G9C8K2 ND1|L7NV21
33184 ZNF12|H9KV98 LCP2|Q13094

33185 ZNF248|B1AL40 COCH|H0YJJ0
 33186 EIF4B|Q7Z5Y0 ADSL|A0A0A6YY92
 33187 HLA-C|H6A2G4 HLA-Cw|F8SY70
 33188 HEL-S-277|V9HW53 ZRANB3|F8WCT9
 33189 HLA-A|I3QHR1 CSHL1|Q14406
 33190 SMAD3|H0YL71 TSC2|H3BNT5
 33191 SLC35G1|Q2M3R5 G3BP1|Q13283
 33192 DKFZp781H1715|Q68DX5 USP48|Q86UV5
 33193 TRPM1|A0A0A0MTQ9 CTSB|E9PKX0
 33194 ACSM2B|Q68CK6 RPL3|P39023
 33195 HLA-A|E0WBW7 NCR1|O76036
 33196 KAT2A|K7EPC4 CYTB|C8Y0Y9
 33197 SLIRP|H0YJU7 RHD|I6UL51
 33198 HLA-B|K9L7D8 C1orf51|Q5TB14
 33199 HLA-C|G1ENS0 TAF7L|Q5H9L4
 33200 HLA-A|E7AJF9 IL18|Q14116
 33201 EPB41L3|J3QS55 DDX18|A0A024RAH8
 33202 MATR3|D6RBI2 MAGEA9|P43362
 33203 WNT9A|D9ZGG3 KIAA0323|D3DS77
 33204 HLA-E|E2G051 TDGF1|F5H1T8
 33205 DKFZp686M19106|Q5H9P4 RHCE|P18577
 33206 MTHFD1L|Q6UB35 C1orf45|Q96MC5
 33207 DKFZp547L155|Q8ND22 BCAS2|B2R7W3
 33208 MTPAP|Q9NVV4 KCNH2|Q6U279
 33209 ATP6|B2Z592 ROB03|A0A024R3L2
 33210 ND5|A0A023R4U6 STT3A|P46977
 33211 RBM4B|E9PLB0 UBE2M|A0A024R4T4
 33212 ATP8|H9RZ55 ZNF19|H3BNI0
 33213 ADH6|Q8IUN7 HLA-C|M9P8L4
 33214 RPL10|P27635 ND4L|Q4F5V4
 33215 P2RY6|F5GYF3 RGS6|Q2M3K2
 33216 FIZ1|K7EQX6 PCDHA2|Q9Y5H9
 33217 PCMTD2|Q6PIM4 POU5F1|F2Z381
 33218 SAR1B|D6RD69 HBA2|Q96T46
 33219 CARD14|I3L414 NFE2L2|C9J3K4
 33220 FECH|P22830 EMS1|Q76MU0
 33221 NOL7|Q9UMY1 PSMA1|F5GX11
 33222 HLA-B|D6CIN1 FAM120B|Q96EK7
 33223 SYT7|O43581 PCDH1|D6RBG2
 33224 AKAP7|Q2TAJ5 GPA33|Q99795
 33225 HBA2|Q7Z6G4 COX2|E9LAG1
 33226 SLC14A2|Q15849 TSC22D3|E7EWD5
 33227 ITS1|Q14BD4 RUNX1T1|W8FW28
 33228 RPS6KA5|O75582 PPP2CA|E5RHP4
 33229 GRM5|H7C223 LIG3|P49916
 33230 FCGRT|M0R0A9 TAS2R9|Q9NYW1
 33231 RHCE|Q0KHB9 GDI1|G5E9U5
 33232 EGLN1|Q9GZT9 ZNF684|Q5T5D9
 33233 KCTD18|Q6PI47 HLA-A|A7LB37
 33234 COX2|A1Z455 HLA-B|D4HPB2
 33235 ZNF385D|Q9H6B1 DCXR|J3QS36
 33236 ND1|A0A059RHS4 DOC2A|H3BSH4
 33237 SLC35A5|C9J7U8 ECD|O95905
 33238 SLIT2|X6R3P0 HLA-B|A0A0B7MI07
 33239 POU5F1|D5K9R9 CHST12|Q9NRB3
 33240 SULT2B1|O00204 ND5|H9MN27
 33241 MGAT4B|H0YB89 CDC123|H7BZW7
 33242 ND5|Q2LH26 TRPM8|A0A0C4DFT0
 33243 HLA-C|D5M8B9 C22orf1|Q20WK9
 33244 UROS|A0A087WUV7 F2|Q86WA1
 33245 DMGDH|E5RG50 IREB2|A0A0A6YY96
 33246 SLC12A6|Q6NSI7 HLA-DQB1|A0A0A7C7Q6
 33247 AP3M1|A0A024QZR5 PDHA1|LOC79064|A5PHJ9
 33248 RNF152|Q8N8N0 STEAP1|Q9UHE8
 33249 ATP6|Q5XSM6 PSMC6|H0YJC0
 33250 RBF0X1|F8VZY7 HLA-C|Q0E9Q9
 33251 MSX1|E9KXX1 HLA-C|U5YF39
 33252 LHX6|Q9UPM6 HLA-C|J7F580

33253	SAMD11 I7FC44	ACY1 Q03154
33254	MSANTD4 E9PRK0	CYTB H9PU19
33255	ND6 R9Y8B2	CTSW P56202
33256	KCNA5 P22460	CYTB A9UJA1
33257	HLA-C C8CHA3	HLA-B G9HW85
33258	GUCA2B Q16661	HEL-S-124m V9HW84
33259	CTNNB1 P35222	TOB2 B0QXZ4
33260	CRTC3 Q6UUV7	GNB2 E7EP32
33261	KSR1 J3QQL4	HLA-C Q8HWM5
33262	HLA-A E2GJE3	ATP6 F2WGE8
33263	SYAP1 Q96A49	CYTB A0S3I6
33264	TPH1 E7EMX4	BRPF1 P55201
33265	MSX1 E9KY15	SH3RF1 D6RAL3
33266	ASAH1 Q13510	ICA1 Q05084
33267	IRF5 F8WDH6	GDF7 Q7Z4P5
33268	CAAP1 Q9H8G2	GalNAc-T18 Q58A54
33269	ND1 V9IVJ9	XK P51811
33270	H2BFM W0TYI6	ZNF582 A0A075B771
33271	SHROOM3 Q8TF72	SLC6A13 Q9NSD5
33272	APOL1 U5LKT7	RAB6C Q9H0N0
33273	HLA-C D6MJK3	DCLK1 Q5VZY9
33274	MKNK2 Q9NV89	ZNF207 X6R4W8
33275	ENO1 A0A024R4F1	PHF12 K7EJ43
33276	TNFSF13B Q8IZI5	PXDNL A1KZ92
33277	DZANK1 Q9NVP4	DUSP3 K7ES89
33278	SLC2A14 Q8TDB8	RNF4 P78317
33279	COQ5 B4DP72	CLCN4 E9PFB5
33280	G3BP2 D6RGJ4	HLA-DRB1 F4YZX4
33281	TMC01 Q9UM00	OSR2 E5RH04
33282	HLA-C U5YD66	SLAH2 C9J9D7
33283	CYTB A0A059SE53	CYTB A0A023R1Q4
33284	HLA-DQB1 A0A0A7C6T3	H2AFB1 P0C5Y9
33285	RDX E9PNV3	TTC39B Q5VTQ0
33286	GPC1 A0A024R4D5	LEO1 Q8WVC0
33287	RPUSD1 H3BQN8	COX1 A0A059QFN5
33288	F8 A0A2G2	CUTA C9IZG4
33289	DOCK4 Q8N1I0	ZNF544 M0QZM7
33290	HLA-C F5A4J5	P2RX2 Q32MC3
33291	RELB Q01201	CYP21A2 C6K7H0
33292	PIKFYVE Q9Y2I7	ATG5 L7UQJ2
33293	DMGDH Q9UI17	COX1 Q9B2U7
33294	CTNNA1 E5RFM5	GFRA3 O60609
33295	hCG_1998636 A0A024QZB1	BAP1 H7C4V7
33296	BCO2 H0YCN8	ESX1 A6ZIT9
33297	MITF C9JBI8	ICA1 C9IZC7
33298	RWDD3 Q9Y3V2	RAMP2 O60895
33299	HLA-A L0BXN1	HLA-DPB1 A0A0A7C8M8
33300	PRODH E7EQL6	METTL16 I3L362
33301	TMEM47 Q9BQJ4	LARS Q9P2J5
33302	LIG3 P49916	NFAT5 O94916
33303	ATAD3C Q5T2N8	SLC7A6 H3BNF5
33304	NUP133 Q8WUM0	ZNF541 H7BXG6
33305	HLA-DPB1 A0A0A7C8Q5	ND5 A0A059RH77
33306	SLC25A51 Q9H1U9	TMEM66 Q96BY9
33307	CDKL3 E7ET86	ZNRF4 Q8WWF5
33308	FOXN3 G3V3A7	DST Q6P0N6
33309	MAPK13 Q6FHR4	CYTB H9PG97
33310	SNRPD1 J3QLI9	CYTB B3GTF4
33311	AQR A0A024R9L1	ZNF880 Q6PDB4
33312	ATXN3 D3VVP3	NADSYN1 Q6IA69
33313	BCL2L1 Q07817	LEPR A2RRQ4
33314	NKX2-5 P52952	HLA-A Q000J8
33315	TMOD4 Q9NZQ9	HLA-B E2D5N8
33316	CIRBP K7EJV5	NEDD4L A0A024R281
33317	RBM7 F5H674	TCTEX1D1 Q8N7M0
33318	RNF32 Q9H0A6	CCHCR1 D6RD84
33319	TPH1 B3VRX0	TUBB3 Q9BV28
33320	HLA-C E0WBQ0	ZDHHC23 Q8IYP9

33321 FZD6|E5RGK8 E2F2|Q14209
 33322 SLC04A1|E1P5H9 BCL6B|H0YGW0
 33323 hCG_2010666|A0A024R1F4 TARS|Q5M7Z9
 33324 TME127|O75204 ZNF700|K7EQV7
 33325 RELA|E9PNK5 NETO1|Q8TDF5
 33326 HLA-A|F1AQL5 ZIC5|Q96T25
 33327 HLA-G|B5LFX9 ABCB4|A7J1R1
 33328 ND1|F6LHV0 FBX017|Q96EF6
 33329 HLA-A|Q8WMA2 ZNF292|O60281
 33330 CD109|F1C639 CYTB|S5NHW2
 33331 HLA-C|E5D6M4 ATP6|I3Q4R3
 33332 WDR45|C9J471 hCG_1999854|D3DX33
 33333 HLA-C|U5YF50 MICAL2|E9PNC3
 33334 COX2|G4W3U1 CYTB|Q7YCG3
 33335 CLGN|D6RAZ4 BCL6|P41182
 33336 ELF5|Q9UKW6 C2|Q95IG1
 33337 RASGRP2|Q7LDG7 COX3|G5D8N5
 33338 KLHL31|Q9H511 RAB11FIP3|A0A0A0MSV1
 33339 ACE|J3QLR4 HLA-DRB1|A0A0A7C3J2
 33340 ND5|G9LDT9 FBN1|H0YND0
 33341 DDOST|P39656 CEBPB|W8SNU6
 33342 F8|Q003W2 HLA-C|A0A0A7C523
 33343 UCK1|A0A024R8E7 TRIM22|Q8IYM9
 33344 HYPK|Q9NX55 ND5|A0A023QE5
 33345 PAH|A0A024RBG4 SEPT9|K7EL40
 33346 D4S234E|B2R5R8 KCNC2|A0A024RBA5
 33347 CYTB|A0A059QK23 ATP10A|H0YJI4
 33348 PQLC3|Q8N755 ZEB1|Q32Q63
 33349 ND6|Q7YCE9 HLA-DR15|M9P978
 33350 CLCN7|P51798 EGLN1|A6XP74
 33351 HLA-C|D6MKW3 MTMR4|Q9NYA4
 33352 PLCB4|B1AJW3 CHI3L2|H0YD88
 33353 HLA-C|N0A2S9 MYH7|Q5GJ54
 33354 MYH10|E7ERA5 APOL1|U5LKG0
 33355 ATP6|F8V4U1 EDEM1|Q92611
 33356 VSNL1|Q4ZFX3 CYTB|Q4F1P4
 33357 AQP2|P41181 GKAP1|Q5VSY0
 33358 TBC1D9B|Q9BW24 ND5|I7A0A7
 33359 COX1|A0A059RHU3 PRDM9|I7AJB3
 33360 HLA-C|A0A0A7C7Y4 PTPN2|K7EQG9
 33361 RNF144A|P50876 ND5|Q4F3W3
 33362 ZNF776|H7C4D2 MS4A12|Q9NXJ0
 33363 HLA-A|D7NSP6 B4GALT6|Q9UBX8
 33364 ICA1|A0A024RA29 DIAPH1|A0RZB7
 33365 TBP|Q7Z6S5 ST3GAL6|A0A087WXB8
 33366 DNAJB13|P59910 TYW1|C9J9Q4
 33367 DKFZp686P23184|Q7Z2Z5 ND1|H9R3G8
 33368 PSMA7|Q05DH1 TSP02|Q5TGU0
 33369 COX2|Q0Z7S0 CAPN15|H3BR03
 33370 IRS1|W0KRH6 SPOP|O43791
 33371 HLA-A|Q95IH3 MICU3|Q86XE3
 33372 TTLL3|H3BLT7 MRPL58|J3KS15
 33373 ZNF566|Q969W8 ERCC5|P28715
 33374 CEL|X6R868 CRYBA2|P53672
 33375 AIP|G9I2H4 HLA-A|B5LZ16
 33376 COX3|Q0G899 ZMAT5|A0A024R1I1
 33377 ARPC1A|Q75MY0 ESPN|H0Y7L4
 33378 SPAG8|C9JAA8 PRR20C|P86479
 33379 NCAN|O14594 ILF3|K7ENK6
 33380 PLCE1|Q9P212 RHCE|S6FLM9
 33381 CYTB|A0A023QBI1 ZNF333|M0R0S8
 33382 TH|Q7KZ36 HLA-C|C6K4K1
 33383 HLA-C|B5MA82 HNRNP1|D6RIH9
 33384 RPS4Y2|Q8TD47 COX1|A0A059RNW4
 33385 HLA-C|C8CHC2 KRTAP5-6|Q6L8G9
 33386 PDGFRA|D6RJH0 PGAM1|Q6FHK8
 33387 HLA-DRB5|Q3LTJ2 SULT1A2|P50226
 33388 HLA-C|Q7YP26 CEBPB|P17676

33389 HLA-A|H6UV72 DNAI1|A0A087WVV9
 33390 ATP11A|A0A087WVE8 RAB3A|S4R3Q3
 33391 TRAF6|Q9Y4K3 PTPRA|P18433
 33392 ND5|W8DRA6 GPR21|Q6NWM5
 33393 CYFIP1|Q7L576 TRPC4AP|Q8TEL6
 33394 PUF60|H0YEM1 PITPNM2|Q9BZ72
 33395 NDUFAF6|H7C250 ITGB5|V9GZ57
 33396 ADGRL2|B1ALU3 SLC16A3|J3QRA0
 33397 ND1|A0A023QR60 VPS33B|F5H008
 33398 TAF7L|A0A024RCI3 CYTB|L7XWW6
 33399 EGLN1|A6XP74 CTNND1|Q96FS1
 33400 FLJ00369|Q8NF33 C1orf189|Q5VU69
 33401 HLA-C|F2VNQ7 ARPC2|C9JTV5
 33402 HLA-C|I6M568 HLA-A|L7X986
 33403 RABEP2|H3BNR2 AQR|A0A024R9L1
 33404 MCAM|A0A024R3I5 BTK|Q572P5
 33405 SHC3|Q5T7I8 IGF1|Q5U743
 33406 CYTB|H9QLC4 APOA4|P06727
 33407 COX1|F2WEA4 HLA-C|V5LM18
 33408 KLHL24|Q6TFL4 MAPK3|E9PJF0
 33409 RWDD1|Q9H446 FBL|M0R2Q4
 33410 OAS1|H0YI20 ND1|A0A059RS19
 33411 KCNG1|A0A075B6P6 ELOF1|P60002
 33412 PPP4R2|F8WDK3 HLA-A|F8R107
 33413 JAK1|Q4LDX3 FAM53C|Q9NYF3
 33414 GRIP1|F5H424 USP30|B3KUS5
 33415 TKT|A0A0B4J1R6 HBA1|P69905
 33416 ELM01|A4D1X5 RBM48|Q5RL73
 33417 HDM2|I6TVS5 COX1|A0A059QQF0
 33418 GPR56|Q9Y653 ARL1|P40616
 33419 TTC37|Q6PGP7 OSBP|P22059
 33420 TRAPPC3L|Q5T215 ND1|B2XN53
 33421 HLA-Cw|Q27I59 CLDN12|Q6FIF6
 33422 PLEKHA2|Q9HB19 KBTBD11|O94819
 33423 MYL9|P24844 ETV1|C9J4P4
 33424 COX2|H9LMC2 RIMS1|E5RGM0
 33425 DDC|Q6IBS8 HLA-A|D6MLP4
 33426 OR6C65|A6NJZ3 MED15|C9JM58
 33427 CLEC4F|Q8N1N0 SLC35A1|A0A087WVM1
 33428 AKAP8L|Q9ULX6 UTY|F4MHR1
 33429 CEACAM6|P40199 BMP6|P22004
 33430 ZNF623|O75123 KCNG1|Q5JXL4
 33431 HLA-DPB1|A0A0A7C5X1 HLA-A|D7NNQ6
 33432 UTY|F4MH45 EEF1D|A0A087X1X7
 33433 TPH1|P17752 DKFZp68602462|Q5HYM2
 33434 GAS2|E9PQ74 PFKM|F8VX13
 33435 OR7A17|O14581 STAP1|Q9ULZ2
 33436 KIAA0028|Q9BQR0 AMZ2|A0A024R8K0
 33437 ND5|G0XP03 ADAM10|B5MC71
 33438 PI4KB|E9PL47 PAK2|Q13177
 33439 HLA-C|Q70P00 TIGD2|Q4W5G0
 33440 MRAP2|Q96G30 DKFZp686A2214|Q69YR4
 33441 PTEN|F6KD01 TXNDC15|H0Y997
 33442 SF3B3|Q15393 HLA-C|D7NP34
 33443 RTN4RL1|Q86UN2 HLA-G|Q6B847
 33444 TRIP4|Q15650 ALKBH4|Q9NXW9
 33445 TSPAN1|O60635 GEMIN4|Q8WUM5
 33446 PNMT|Q6FHD9 RHD|W6PPJ2
 33447 SSR3|C9J365 ND5|H9PIQ3
 33448 MSTN|O14793 UTRN|P46939
 33449 TLR5|O60602 FAM156A|A0A087X2G5
 33450 GIT2|A0A024RBI8 KCNK2|U3N834
 33451 C1orf32|Q8TCD1 hCG_2008157|Q96NP5
 33452 DIMT1|Q9UNQ2 PDLIM1|O00151
 33453 ATP6|A0A059QQB7 POLM|Q9H980
 33454 ZMAT5|A0A024R1I1 MTCH2|Q9Y6C9
 33455 HLA-C|D2DKI5 COX2|H9E7D1
 33456 HLA-C|E5DCR2 PTPN2|K7ER87

33457 NOX4|E9PI95 HELQ|E3W982
 33458 USP16|H9KVB6 TNFRSF12A|Q9NP84
 33459 CLIC1|O00299 PDHA1|Q5JPU3
 33460 RPS19BP1|Q86WX3 ZNF213|I3L473
 33461 ZNF786|Q8N393 SCN5A|Q14524
 33462 NR2A1|F1D8S2 POR|P16435
 33463 NAT1|Q400I9 F9|Q19UL1
 33464 ZNF23|H3BPE6 SLC22A10|E9PMM0
 33465 ZNF285A|Q6B0D6 RBF0X2|S4R469
 33466 ND4|L7SDG0 EML4-ALK|C1PHA0
 33467 n1gn1|D2X2H5 ND5|V9J1H0
 33468 HAL|P42357 ND4|F2WNE2
 33469 HLA-C|V5L7F2 RAI1|W0UV30
 33470 SLC25A27|O95847 GALT|Q14362
 33471 CYTB|A0A075X775 SLC01B1|K4PF41
 33472 SERPINI2|A0A0C4DGW9 DUS3L|K7EQU9
 33473 RAP2A|F6U784 RHCE|Q5DVQ0
 33474 DKFZp434I0812|Q9NST9 KDM5D|Q9BY66
 33475 RDH10|E5RK48 COX1|H9QM08
 33476 DOCK9|A0A0A0MT38 PPP1R13B|G3V5J1
 33477 SYDE1|M0QXZ8 ND1|A8WDQ6
 33478 ND2|A0A068BR83 HTR3B|B3VRM0
 33479 PRDM9|D2K7E9 SEMA6A|Q9H2E6
 33480 OR2K2|A0A0C4DFP3 AQP1|P29972
 33481 CCNK|G3V5E1 COQ3|F6WGP0
 33482 ND3|V9N9E3 SETSIP|P0DME0
 33483 HCLS1|P14317 APOLD1|Q96LR9
 33484 ND1|A0A0C5BA16 SLC21A8|Q7Z454
 33485 ADCY8|E7EVL1 MAPK4|P31152
 33486 MYC|B3CJ75 DHRS3|Q5SUY4
 33487 ADI1|Q9BV57 NPHP3|Q7Z491
 33488 TMEM67|H0YC18 OR51A2|Q8NGJ7
 33489 UTY|F4MH78 SLC16A14|Q7RTX9
 33490 FRMD5|B5MC67 APOBEC3G|F2YHL6
 33491 ANKRD27|Q96NW4 TUBGCP6|B2RWN4
 33492 CLN5|A0A087WZY0 SSX2|Q9NZK4
 33493 RPL13|Q6NZ55 SOX5|P35711
 33494 GPRC5C|A0A0C4DFY5 ND1|E2CZ36
 33495 COX1|H9PJE2 CEP290|O15078
 33496 BCL11B|D3YTK1 SLC15A4|A0A087X071
 33497 CASP6|D6RHU3 HLA-C|Q4ZJJ0
 33498 SRSF2|Q01130 ATP6|Q5S956
 33499 STAT6|G3V3E9 HLA-A|K7P5V7
 33500 AIP|C0JXB9 GCDH|Q92947
 33501 RAET-1E|I2GUA2 DDR1|Q08345
 33502 GGNBP2|Q9H3C7 ADAM19|Q8TBU7
 33503 UGT1A8|A9JQZ4 GUK1|B1ANH0
 33504 SPTSSB|Q8NFR3 RPS3A|D6RB09
 33505 IDH3G|Q2Q9C5 DNAAF1|H3BP51
 33506 MICB|F5H7Q8 CYTB|Q4EWG1
 33507 IGFBP7|Q16270 PLCG1|V9GY63
 33508 XRCC3|Q53XC8 DCTD|D6R9S0
 33509 ACSL1|E7EPM6 MMP13|G5E971
 33510 KRTAP3-2|Q9BYR7 EIF4A1|J3QS69
 33511 COI|U3M9S0 SYNE1|H0Y325
 33512 IREB2|D3DW85 HDHD2|Q9H0R4
 33513 HLA-A|R4NLT9 ETNPPL|Q8TBG4
 33514 HLA-C|L0BX19 CD8A|P01732
 33515 DISC1|C4P0D8 RNF14|D6RBU3
 33516 FBRSL1|Q9HCM7 G6PD|P11413
 33517 TMEM9B|Q9NQ34 CHMP4C|Q96CF2
 33518 PTHR2|Q53SF6 ATG4B|H7C2A6
 33519 COX1|A0A059QUZ1 CYTB|Q15H14
 33520 HLA-DQB1|A2AAZ0 DUSP2|Q05923
 33521 ND5|Q4F5W5 KSR2|Q6VAB6
 33522 ATP8B2|Q6P3T1 TTL|Q8NG68
 33523 CD40|P25942 DCTN2|A8K8J9
 33524 OR14K1|Q8NGZ2 OXSM|C9JQQ2

33525	POMC K7RMF2	ZMYM5 Q9UJ78
33526	NCOR2 C9JE98	IL5RA Q8NHV7
33527	IFT74 E5RH29	ALDH3A2 I3L0X1
33528	ND4 E9P678	CHD4 Q05CG6
33529	BOD1L1 Q8NFC6	GLA P06280
33530	CERS1 P27544	HLA-DQA1 Q67AH0
33531	CD163 F5GZZ9	SETX A0A024R8E8
33532	CCDC137 Q6PK04	FARSA Q9Y285
33533	TRPM8 Q7Z2W7	PEX16 Q9Y5Y5
33534	GNB2 Q6FHM2	PTHR1 A0A024R2Z8
33535	TNFRSF17 Q02223	ATP6 F2WGI7
33536	HBA1 E1B2D1	C16orf89 Q6UX73
33537	STX10 K7EPP9	OR52M1 Q8NGK5
33538	PHKB Q6LAJ4	ND5 D5M834
33539	HLA-B H6UF75	PHC3 A5YM43
33540	ZBTB22 A2AB93	RPL18 F8VXR6
33541	ND5 G9LDI5	ATXN3 G3V3A6
33542	TCEB1 R4GMY8	IAH1 Q2TAA2
33543	HLA-A J9PWL3	TSPAN19 P0C672
33544	RPL4 H3BM89	ZIC4 Q8N9L1
33545	EWS-Fli1 Q16198	SFMBT2 Q5T980
33546	GABARAPL2 H3BQ50	ABCF2 Q9UG63
33547	ATP6 Q4ZEI5	ATP6 A0A059RPU4
33548	CCNT2 F2Z2C9	SOX10 P56693
33549	ND5 U5Z7S3	TXNL4A P83876
33550	DKFZp434H204 Q9UFZ4	PCDHB10 Q9UN67
33551	PHF12 K7EJ43	GTF2H2C D6RGC9
33552	FUT6 E9PI36	TXNRD3 H0YBQ0
33553	PLXNB3 H7C3L0	BIRC7 Q96CA5
33554	HLA-C U5YF33	PMP2 P02689
33555	RUNX1/CBFA2T2 D1LUZ5	SMAD1 D6RDN7
33556	HLA-Cw C1K0X8	CCR5 B2KIU2
33557	ATP6 Q8HBV1	PRH1 P02810
33558	TP53 E2G6R5	MC1R V9Q783
33559	TCAP O15273	SBF2 H0YDZ1
33560	ZNF827 Q17R98	RPS6KA3 B1AXG1
33561	NR3C1 F5ATB8	CYTB A0A097KTZ9
33562	TTC32 Q5I0X7	ATP6 D5K701
33563	AP1S3 Q96PC3	AVPR1B P47901
33564	ZRSR2 Q86VN0	GLRX P35754
33565	KRT8 Q969I0	ND5 F6N669
33566	TEAD4 H0Y7B0	PTPA C9IZ76
33567	BAD A0A024R562	OSBPL1A Q6GSK5
33568	SFRS2 Q6NXQ0	FAT4 X2G0E6
33569	HLA-A D6ML35	HLA-F O78094
33570	SIRT1 E9PC49	ND1 D7PB39
33571	ROCK1 J3KRH6	CDADC1 Q6NSE0
33572	ND5 Q27H25	NIM1 Q8IY84
33573	HDAC11 Q96DB2	KRT72 H0YHD9
33574	GCNT1 Q02742	ZNF84 F5H1B1
33575	CFL1 E9PQB7	HLA-C V5L5N9
33576	ABP1 D3DX01	HLA-DQB1 W5REE0
33577	ND2 A0A059RBE9	HLA-B F4NC34
33578	TADA3 O75528	COX3 Q5XZT6
33579	AOC1 C9J2J4	GADD45A P24522
33580	ND4L H9E7Y1	SPTBN2 A4QPE4
33581	NELFA F8W954	IL11 P20809
33582	LEPR P48357	DSG2 J3KSI6
33583	FAM13C Q8NE31	MAP2K5 A0A087WWX7
33584	ROR2 B1APY4	PHKG2 H3BTI9
33585	HAS1 M0R2V0	RHD Q02161
33586	HLA-DQB1 U5IQG0	NSUN4 Q96CB9
33587	ELA2A Q6ICV2	GSX2 B2LYG3
33588	NOVA1 F8VW64	ND2 A8WEK0
33589	RBM44 Q6ZP01	SHE Q5VZ18
33590	TRPM8 C4P721	MRPL2 C9JZG7
33591	CPVL A0A024RA40	HLA-C D7NP27
33592	UBE2L6 E9PQT7	PEX10 A0A024R0A4

33593	TP53 Q0ZAK1	MYB E9PN43
33594	MAN1A2 O60476	ACBD6 A0A024R915
33595	ZNF106 H3BNJ4	PLA2G4C M0QZB1
33596	ND5 F2WJ65	PRSS21 Q9Y6M0
33597	PDE2A H7C009	MOCS1 Q5TCE5
33598	HLA-C G1EMR6	FANCI H3BMG4
33599	SYPL1 Q16563	IL2RG H0Y8J6
33600	TCEB1 Q15369	GSPT1 H3BSV8
33601	ATXN3 D3VVR6	FUCA1 P04066
33602	CDIPT B3KSW0	HLA-DQB1 L0BXT5
33603	AFAP1L1 Q8TED9	HLA-C G3DR74
33604	FKBP10 C9JPC3	ND1 R9Y540
33605	NCCRP1 Q6ZVX7	MUC21 Q5SSG8
33606	GADD45G Q5VZ88	SPCS3 D3DP46
33607	IDH3A H0YMY5	GRPEL1 Q9HAV7
33608	PAK4 M0R1R1	USF2 B4DLJ1
33609	RNF19A Q9NV58	cytb B2XQU2
33610	HLA-DPB1 A0A0A7C574	TRPA1 H0YAW0
33611	ATP6 T1STG6	ENPP3 Q9H515
33612	TXNL4A P83876	SYP P08247
33613	EXOC3L4 H0YNNV0	MYB Q708E8
33614	SNAP91 E5RFC6	POLE D3DXI9
33615	PDGFB A9UJN9	ND2 R9Y4S0
33616	SPANXA1 Q9NS26	CYTB B2D647
33617	ND5 Q4EXM9	CYTB Q5SAK6
33618	ND2 A0A059QRK8	HPN M0R244
33619	TYMS P04818	PIGS K7EN97
33620	CREB5 Q02930	ND6 B4YBV7
33621	SLC16A1 Q5T8R3	DCTD P32321
33622	METTL17 G3V353	SH3YL1 Q96HL8
33623	FLJ00337 Q6ZNJ3	SLC39A13 K4DIA9
33624	MGAT1 D6RA48	ARV1 A0A024R3V6
33625	MST1L Q2TV78	GZF1 Q9H116
33626	ND2 L7XKU3	SPTB B2RMN7
33627	SLC39A1 Q5T4K4	PTH1R E7EWE7
33628	ND1 G9LCS8	CNIH2 Q6PI25
33629	ZNF614 M0QYGA	GPR112 Q8IZF6
33630	ARHGEF1 M0QYS3	COL27A1 Q9HAA3
33631	PLK2 A0A087WUH9	TPST2 B1AHJ7
33632	CYTB Q7YEG2	C1orf51 Q5TB13
33633	MIB2 D6RAZ0	COL11A2 Q6LCP7
33634	TAGLN3 Q9UI15	DLX2 Q53QU7
33635	MUC15 Q8N387	COX2 A0A059QI72
33636	GABRD O14764	HLA-A G0UE14
33637	MST1 H7C0F8	SLC6A8 H7C1I2
33638	CAPN11 Q9UMQ6	CAMKMT Q7Z624
33639	CFTR Q6KEJ1	SIDT2 A0A024R3J6
33640	ARTN Q5T4W7	KCNK1 O00180
33641	RPL14 P50914	ADAR H0YCK3
33642	TRIT1 Q3T7C6	DKFZp686L0872 Q7Z345
33643	DKFZp77900162 Q6AW80	MDM4 A0A087WUE3
33644	CCNT2 C9JUL2	MTMR1 Q13613
33645	SPOCD1 Q6ZMY3	TAF9B Q9HBM6
33646	HLA-Cw B1PL05	NPHS2 Q9NP85
33647	LHCGR P22888	CSDE1 E9PLT0
33648	BCAR3 O75815	HLA-Cw Q2I7H5
33649	STAT2 B4DLC8	DKFZp434B2017 Q9H029
33650	MDFIC J3KN13	RALGPS1 Q5JS13
33651	NRL P54845	CEP68 Q76N32
33652	SAP130 Q96DP1	NODAL Q96S42
33653	RAMP2 A0A024R1Z2	SLC46A3 Q7Z3Q1
33654	ZNF613 M0QX19	ADD1 P35611
33655	COPRS J3QRX6	TRAPPC2L H3BQQ8
33656	HLA-Cw C1K0X8	RFX2 K7EJE4
33657	ATP6 V9JTU3	ALDH3A2 I3L0X1
33658	ATG4B F2Z2K8	PLCB2 Q9BVT6
33659	MDM2 F5GZC3	MCF2L H7BYP9
33660	BRD1 A0A024R4W4	NRXN2 G5E9G7

33661 COX3|R9Y6C9 TFPT|G5E9B5
33662 HLA-C|D7NNV3 SUM01|P63165
33663 AKAP17A|X6RAJ1 GAS2L3|Q86XJ1
33664 GBA|D3DV87 CHRN81|P11230
33665 EP300|Q09472 MEF2B|B8ZZJ5
33666 HIST1H2BL|Q99880 HLA-DR15|F2VNW2
33667 DDAH1|B1AKK2 LCP1|P13796
33668 SORBS3|H0YAZ3 KCNK2|O95069
33669 ZSCAN30|K7ERA9 PLZF|Q71UL5
33670 SLC14A2|Q15849 LCLAT1|C9J5S5
33671 PPIP5K1|F8W9A8 HLA-DRB1|U3PQT7
33672 SIDT2|F5H8L4 TAGLN|Q01995
33673 GLYATL1|E9PJV1 PFKFB2|F6XNB3
33674 NF2|A0A024R1J9 ATP6|Q0Z7R3
33675 PIAS2|B4DGW0 HSPA12A|O43301
33676 UEVLD|Q8IX04 ND5|F2YMB8
33677 ND6|A0A059QTJ2 CSNK2B|B4DUJ4
33678 PGR|A0A087WXR4 RP11-484I6.3|A0A024RDZ1
33679 SAMD11|A6PWC8 POT1|Q5MJ35
33680 SLC2A14|F5H7N2 RBM26|E2PSN0
33681 CYP2C9|S5RG22 ND5|H9QH53
33682 HSPA6|P17066 ND4|A0A088FS66
33683 SUN5|Q8TC36 UMPS|B5LY67
33684 SSFA2|H7BZ26 ZNF707|E9PJ46
33685 SHC2|K7ENB2 CAPN1|E9PLX0
33686 COPB2|H0Y938 EIF2B2|H0YK01
33687 HLA-C|A0A0A7C530 POLR2E|K7EJ87
33688 LMNB1|P20700 COX5A|H3BRI0
33689 AKAP13|Q12802 EPHA6|Q9UF33
33690 ND2|A0A059RPY2 BUB1|C9JQA4
33691 FAAP100|I3L2L9 DCTN2|A8K8J9
33692 RUNX1|X5C9T0 CREG1|O75629
33693 HBA2|D1MGQ2 IP08|O15397
33694 HEXIM2|K7ELS4 ND5|T1Q773
33695 HLA-A|C6K4I1 MLH3|H0YJA3
33696 SLC39A13|E9PNE7 BNC2|H0Y6W5
33697 TTLL4|E9PH58 RBM42|K7EML2
33698 ATP8|A0A023QXN0 LDHAL6A|A0A087WUM2
33699 FAM20C|Q8IXL6 SLC1A5|M0QXM4
33700 EIF5B|O60841 KRT9|P35527
33701 MSR1|B4DDJ5 KCNU1|A8MYU2
33702 APOA2|V9GYE3 HLA-C|D5FZM5
33703 SLC2A11-a|Q8WYM5 APOB|A8MUN2
33704 TACR2|P21452 CNBP2|A0A087WVS2
33705 ND2|L7XNT1 TBXAS1|F8WC80
33706 UTY|A6NCS7 DPH6|Q7L8W6
33707 TMEM237|Q96Q45 PIR|O00625
33708 ND2|U3M3R7 HLA-DR15|F2VNX0
33709 COPZ1|F8VYE0 PREI3|A0A024R3X9
33710 ND2|H9QXC4 MGAT4D|D6RCD2
33711 PDCD5|O14737 KDM3A|Q9Y4C1
33712 LDHC|F5H326 ND5|E5EXH0
33713 VIPR1|C9JDT8 ZNF678|B1APK8
33714 BCL11B|D3YTK1 H3F3B|K7ES00
33715 NR2F2|P24468 WNT5A|A0A087WUN1
33716 SPATA6|Q9NWH7 FUT3|K7ENT3
33717 HLA-DPB1|A0A0A7C5I1 MYC|B3CJB3
33718 ENPP5|Q9UJA9 HLA-C|Q700Z4
33719 ITGB5|H7C580 KDM2A|Q9Y2K7
33720 NR6A1|C9JDI9 SLC5A6|E7EW41
33721 MEIS2|A0A024R9J1 DKFZp547C166|Q68CW0
33722 TADA3|O75528 COX1|H9S1H1
33723 IL1RL1|E9PC41 SAP30|O75446
33724 CXXC4|Q9H2H0 CEP350|H0Y7F7
33725 ZNF572|Q7Z3I7 ZFP95|Q75MV2
33726 CRLS1|Q6NTG3 SDC1|E9PHH3
33727 BRCA1|G8I0D8 HYAL4|F8WDH9
33728 GIT1|A0A0C4DGN6 GABARAPL1|A0A024RAP5

33729 SCNN1A|F5GXE6 ETV4|D3DX44
 33730 OR5B2|Q96R09 HDAC3|E7ESJ6
 33731 CYP2C|Q16750 VPS18|Q9P253
 33732 PSEN1|Q6F4C0 METTL22|Q9BUU2
 33733 KNG1|D3DNU8 POLR3A|R4GMX2
 33734 hCG_2044837|E5KQ55 ND1|C8YI07
 33735 ND1|Q5S8Q5 DCSTAMP|Q9H295
 33736 HBG1|D3GKD8 HLA-A|E0YTG4
 33737 CYTB|W0C5C1 EPS15L1|A0A024R7G6
 33738 KLHL22|C9JLE9 COX1|D6C1N7
 33739 LIG4|A0A0C4DGV9 N6AMT1|Q9Y5N5
 33740 DKFZp566A0447|Q8TCK8 ACVR2A|P27037
 33741 MAGEB6|Q8N7X4 FERMT1|Q9BQL6
 33742 COII|D2Y6Y1 GTPBP6|H0Y2S1
 33743 ATG4C|Q05D29 MRP3|Q96QA9
 33744 ND5|A0S2X6 IRF3|M0R007
 33745 CLDN12|A8MX62 SEPT10|C9JNR7
 33746 ESPN|A0A0A0MSQ4 PIGU|Q9H490
 33747 CXXC1|Q9P0U4 HLA-B|T1R362
 33748 ZNF417|M0R230 FUCA2|Q9BTY2
 33749 PUS3|E9PNY6 ND1|F2WEK6
 33750 HLA-C|A7WPJ2 ND1|G4W2J6
 33751 TNNT2|A0A024R953 KCNJ10|Q547K1
 33752 TMEM161B|E9PCX5 POU2F1|A0A0C4DG88
 33753 HLA-DR15|D3U4E8 CASQ1|C9JAC8
 33754 RADIL|C9J7G0 CYTB|Q6RNH7
 33755 RPL35A|F8WB72 SLC22A24|C9JC66
 33756 NR1F3|B6ZGS6 URGCP|Q8TCY9
 33757 CRYAB|H0YCW8 PPEF1|H7C592
 33758 SDCCAG8|S4R323 ZNF224|A0A024R0Q3
 33759 COIII|Q4G7C8 GJB2|A8DU55
 33760 ZNF668|Q96K58 SCNN1D|A6NNF7
 33761 GAL3ST1|C9J2M1 ARID5B|Q14865
 33762 ADH5|Q6FI45 COASY|Q13057
 33763 RBMX2|Q0VGM7 SCAMP4|A0A087WVT5
 33764 ND3|W8CT11 PHF1|E9PQT8
 33765 COL28A1|Q2UY09 LHX9|H0YL54
 33766 MATN2|A0A024R9B9 CYTB|A6Z2P7
 33767 CYTB|H9A782 ESR1|B5TZ82
 33768 CHST10|O43529 FGD5|Q6ZNL6
 33769 RPU5D2|Q8IZ73 ND5|Q4F5W5
 33770 LAMA3|A0A0A6YYF2 TSC1|X5D9D2
 33771 ND6|H9QLS9 rp13|Q9NY85
 33772 TPM3|Q5VU62 AMACR|V9GYU9
 33773 ND1|E5DYD9 CHAT|D3DX95
 33774 TWF1|F8VRG3 DKFZp434G1621|Q9UG14
 33775 CDKN1B|P46527 Hosa(Biaka)-T2R7|Q50KV5
 33776 FGFR1|E9PN14 HLA-B|K7P5S2
 33777 ISCU|B3KQ30 HLA-C|U5YC44
 33778 KIF23|Q02241 OR6K2|Q8NGY2
 33779 ZNF568|A2VDJ6 ATP6V0D1|H3BQB4
 33780 HLA-DPB1|A0A0A7C617 HLA-A|C6K4I6
 33781 SLIT2|H0Y9Z6 RAP1B|E7ESV4
 33782 RNF13|C9JCY0 HENMT1|Q5T8I9
 33783 TP63|Q9H3D4 PSMB6|I3L3X7
 33784 KIAA1542|A0A024RCA1 HLA-C|F6KRY4
 33785 HLA-B|D5M8C5 PLSCR2|Q9NRY7
 33786 SMO|H7C509 ND1|H9R1Y5
 33787 ALDH1A1|Q5SYQ7 SLC16A3|J3QRU2
 33788 ZNF263|I3L0N0 PLEC|E9PIA2
 33789 CMTM3|A0A024R6Y8 STAT6|Q5FBW6
 33790 ND5|L7XPB1 HLA-C|M9P9H4
 33791 ATP6|H9LLS3 IFNGR1|Q7Z687
 33792 CLK3|B3KTV2 EIF2AK3|C9J185
 33793 GPR173|Q9NS66 ND1|B8X582
 33794 HLA-B|L7PF02 ATRIP|Q8WXE1
 33795 AKR1A1|V9GYP9 HLA-A|U5YEE6
 33796 CCR5|H9MHP4 HLA-C|A0A0A7C671

33797 FCGBP|Q9Y6R7 IRS4|O14654
 33798 ZNF727|A8MUJ8 ESR1|B5TZ82
 33799 DKFZp434G155|Q9NSQ1 MCFD2|Q8NI22
 33800 NPBWR2|Q6NWQ5 BAIAP2|I3L526
 33801 HLA-DRB1|M1LDI7 H2AFJ|A0A024RAS2
 33802 HARBI1|Q96MB7 FY|Q8IWP5
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 33804 HLA-B|L7PF02 DKFZp781J074|Q68DU3
 33805 cytb|A7XSF7 HLA-DPB1|A0A0A7C5E8
 33806 TMPRSS7|Q7RTY8 EVC|Q4W5A3
 33807 GAS2|O43903 TRPV4|F5H6Q4
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 33809 CCDC170|Q8IYT3 ZNF836|M0QYS4
 33810 SPEF1|Q9Y4P9 hCG_20123|A0A024R2V1
 33811 KLK9|Q2XQG6 GABRA1|E5RJS3
 33812 ASXL3|K7EJ76 GMPR2|H0YMV5
 33813 GALK2|H0YN87 GCK|L0HBA3
 33814 AKT1S1|H9KV91 SEMA4A|Q9H3S1
 33815 LRFN4|Q6PJG9 CPB1|P15086
 33816 GTPBP8|C9J0K3 ND4L|A7U418
 33817 ATP6|Q4VFM9 TMEM8C|A6NI61
 33818 CNGA4|Q8IV77 GNAZ|Q8IY73
 33819 CLSTN3|F5H172 SARDH|Q9UL12
 33820 BMPER|A0A090N7U6 ND1|A0A023QR60
 33821 SLC22A23|C9J4Z0 ND1|G3C9Y1
 33822 DPP9|M0R162 FLJ00087|Q9H7J2
 33823 TRIM39|Q9HCM9 NRP1|V9GYL7
 33824 COX3|B2XNX9 NCR3LG1|Q68D85
 33825 COX3|E7E4G9 ADORA2A|C9JQD8
 33826 MYB/NFIB|D0QYQ9 COX3|E7CNJ7
 33827 ATP6|Q4F6K4 COX1|B8X558
 33828 MAD1L1|C9JKI7 HLA-B|C9WCX9
 33829 ANXA2|H0YLE2 MYC|B3CJ78
 33830 PCDHB16|Q9NRJ7 VAMP5|Q6FG93
 33831 GDI2|V9GYJ7 ND5|B3GTF2
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 33833 AFMID|K7EMI4 SAR1B|Q9Y6B6
 33834 CYTB|H9S252 XP01|C9JKM9
 33835 HLA-DQB1|S6CQA4 APOC3|P02656
 33836 SPNS3|Q6ZMD2 GNL1|Q6P458
 33837 ND1|V9K3G9 COQ2|Q96H96
 33838 TSC2|X5D9K3 HCR|A9XAJ2
 33839 URI1|O94763 ZBTB16|A0A024R3C6
 33840 GALK|D1MI96 PROS1|Q1W148
 33841 RAB11A|A0A024R5Z8 HEL-S-99n|V9HW88
 33842 ENPP2|E5RIA2 CELF1|F5H4Y5
 33843 OSBPL1A|B0YJ56 HNRPD|A0A024RDF3
 33844 CCDC129|Q6ZRS4 UGT1A7|Q96PP0
 33845 YBX1|P67809 HLA-A|A6N8R8
 33846 CYTB|X2CKH2 PRICKLE1|F8VUG8
 33847 EXTL3|E7ET85 HNRNPDI|D6RF44
 33848 DDX46|D3DQA6 FGFR1|E9PKV7
 33849 HLA-C|M9PAE9 ND3|E9NK37
 33850 HLA-A|R4L314 ZNF569|K7ELU1
 33851 IL1R2|P27930 DYNLL1|F8VXI7
 33852 CCT5|E9PCA1 SULT1A4|P0DMN0
 33853 C17orf104|A2RUB1 DKFZp434B129|Q8ND81
 33854 APOL1|U5LIC5 CX3CR1|C9JLM2
 33855 RB1|V9H020 EIF3S8|A0A024QYX7
 33856 ND5|Q7GXT4 KTI12|Q96EK9
 33857 ATXN3|D3VVL5 ATXN3|D3VVK1
 33858 PPP1R1A|Q13522 KRT83|A0JNT2
 33859 COX3|L0E7R8 HLA-A|F2XI30
 33860 ND5|A0A059RXE4 C1orf168|Q5VWT5
 33861 TARDBP|A0A087WXV3 ND1|L7XV77
 33862 POLR3H|F8WDS5 TFEC|B7Z757
 33863 CCR5|J7HJP1 DISP2|A7MBM2
 33864 ZNF180|G5E9B8 ND5|Q305W9

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33866	SYNE1 F5H422	METTL7A H0YI09
33867	PRSS54 H3BQ57	TGM4 B4YUQ3
33868	POLR2K P53803	PSMD4 Q5VWC4
33869	GBP3 Q9H0R5	CYP4F2 K7EK90
33870	IRF8 H3BT31	RABEPK Q7Z6M1
33871	FAM71C Q8NEG0	HLA-C F2X648
33872	ACP5 P13686	MRPL37 S4R369
33873	HLA-C C7FDT5	TCF7L2 E2GH15
33874	CTNNB1 B4DGU4	MED12L B7ZMI1
33875	ND2 A0A096WFB8	HLA-B D5L9J7
33876	GPR171 O14626	DHPS M0QX43
33877	LARP7 Q4G0J3	CYTB E9LBX7
33878	PPM1K V9GY69	COX1 H9T3W8
33879	ND5 G5D8L3	ND4 K7WII4
33880	TOR3A Q5W0C6	IGFLR1 Q9H665
33881	RERGL G5EA41	EAF2 F8WCI9
33882	DNAL4 B0QXZ5	HLA-C M9P9D5
33883	TIMM22 Q9Y584	SMAP2 A0A087WV97
33884	IL4R J9JII2	ADAM33 Q08AM2
33885	DEPDC4 E9PGM3	CYP26B1 E5RHN4
33886	STK32A B7Z9H7	LGALS8 E9PJ77
33887	CDH23 A0A087X097	ANTXRL A0A087WVT0
33888	RHCE O43811	EIF3G O75821
33889	PRPF38B Q5VTL8	HLA-C I6SW95
33890	RAB27A P51159	MED22 Q5T8T6
33891	IL4 B0JFA2	GOT1L1 E5RI59
33892	MAPK14 E7EX54	TEAD1 H0YE88
33893	HLA-DQB1 A0A0A7C5V7	GSTM5 Q5T8R1
33894	CITED1 C9J1P6	OR52E4 Q8NGH9
33895	TCF4 H3BTP3	OR4C6 Q8NH72
33896	ND3 A0A059RRV4	LIPE M0QY29
33897	ND5 H9Q414	PARP15 C9J7L3
33898	UTY F4MHJ7	CA5B C9IZP3
33899	ZNF148 Q8IWK7	CUL1 A0A090N7U0
33900	POLH Q5JTF2	KCNC2 A0A024RBE3
33901	BRCA1 A0A068BDV0	FUT2 Q5XLR8
33902	RUNX1T1 E5RK76	ND2 D6BXZ9
33903	DUPD1 Q68J44	TXNDC9 O14530
33904	ZNF668 C9J092	HLA-DRB1 F8LSY3
33905	MAB21L1 F1T0A2	POT1 V9GZ21
33906	BCR ABL A9UF02	RhCE K9JIR2
33907	NRP1 Q9H2E0	CLK2 B1AVT0
33908	ND1 A0A059QHN0	SYNJ1 Q05CZ1
33909	MYC H0YBG3	GGN K7ENT5
33910	HLA-B Q9GIM0	SPRED3 Q2MJR0
33911	GABRB1 P18505	GNAZ Q8N652
33912	MSX1 E9KXT0	CCHCR1 Q5STF0
33913	GLB1L3 H7C115	TSTD2 Q5T7W7
33914	NR1H2 M0QYE6	ND2 E9NKR5
33915	TPD52L3 Q96J77	RHD A6PZ59
33916	HLA-A F2VNF2	RFC3 A0A024RDQ8
33917	HLA-C D3JTA8	RBM4B U3KQD5
33918	HLA-A H2DMX5	MDGA1 Q8NFP4
33919	CASC3 O15234	ND1 E7CNA0
33920	LSM14A Q8ND56	HLA-DPB1 A0A0A7C6V7
33921	AOX1 Q06278	SULT4A1 A0A024R4X9
33922	AIPL1 F1T0C4	AP2M1 C9JTK4
33923	SF3B3 Q15393	ZDHHC1 Q8WTX9
33924	ASNS P08243	LAP3 P28838
33925	CEP290 S4R322	INPP1 X5DRF6
33926	TBL1Y Q9BQ87	CTLA4 A0A0C4DH58
33927	ZNF567 Q8N184	CYTB A6YTJ2
33928	HDM2 I6TZT4	HLA-C G9HW97
33929	RPS11 M0QZC5	PGLYRP2 Q96PD5
33930	ZNF720 E9PLE2	CYTB B2CB33
33931	ND5 A0A096WAC6	CYTB G3MD40
33932	PRKCH G3V4L3	PIPOX K7EK30

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 33934 ZNF621|Q6ZSS3 C9orf3|H0YCM2
 33935 NRAS|Q5U091 FOXI1|E0XEY9
 33936 PAGR1|Q9BTK6 NHP2|Q9NX24
 33937 CYC1|P08574 OSBPL9|B1AKJ6
 33938 TIMM10|P62072 MINK1|Q8N4C8
 33939 IQSEC1|A0A087WWK8 HHATL|Q9HCP6
 33940 KIRREL2|Q6UWL6 EBP|C9JJ78
 33941 TNP2|Q4VB56 RPS6KB1|Q4G0X7
 33942 CDKL5|O76039 SLC2A4|F5H081
 33943 FAP|F8WF29 RELA|E9PN69
 33944 ND1|Q5Q5I7 NLE1|Q9NVX2
 33945 PEX10|A0A024R0A4 AQP11|Q8NBQ7
 33946 PSG5|Q15238 ND5|A0S939
 33947 IRF1|C9JD95 PRSS42|C9JX34
 33948 ILF3|K7ENK6 ISX|Q2M1V0
 33949 POMGNT1|Q8WZA1 GPR12|P47775
 33950 KIF21A|A0A024R0V9 HLA-B|I6MHH9
 33951 HLA-A|C6K4F7 CYTH4|Q9UIA0
 33952 USP11|P51784 LGI4|Q8N135
 33953 ESR1|C9E0F0 ZNF235|K7ESF8
 33954 DDX19B|H3BQK0 RXFP1|A0A087WWV0
 33955 PCDHGB3|Q9Y5G1 MYO1B|E7EQD9
 33956 HLA-C|E2GJH0 HLA-A|F8SKU1
 33957 SLC35A2|A6NFI1 TNNT3|C9JZN9
 33958 CUL1|A0A0C4DGX4 LSP1|E9PBD8
 33959 RPL3|F8WCR1 CYTB|V9M8W3
 33960 KCNJ11|C5IU89 ND1|F2WHY9
 33961 GTF3A|H7BZH7 FLG|Q4JFL9
 33962 ND2|Q15IQ8 HLA-C|I6M561
 33963 TENC1|A7E2A6 HLA-G|D2KT86
 33964 WBP1|Q96G27 PITPNA|I3L3W1
 33965 COL25A1|A0A087WZJ5 A2M|P01023
 33966 PCSK9|Q8NBP7 NMBR|Q4VBL0
 33967 RANBP1|D3DX26 PIK3C2G|A0A087WV31
 33968 CTNNB1|A0A024R2Q3 ZNF555|Q8NEP9
 33969 COX1|B7TD03 ISL2|Q96A47
 33970 COI|U3MA26 ATP8|Q5XTF0
 33971 MAPK9|D7R526 TUBB2A|Q13885
 33972 RHOD|E9PIG5 NDN|X5D982
 33973 AJUBA|G3V5F5 ND3|R9YBA6
 33974 CFLAR|O15519 OR5P2|Q8WZ92
 33975 CMTM7|Q96FZ5 LGALS9|A0A024QZ55
 33976 IDUA|Q56A80 OR10J3|Q5JRS4
 33977 ZMAT1|A7MD47 HDLBP|Q2HJC8
 33978 EIF4G2|H0YD77 RAMP1|O60894
 33979 NAPA|P54920 MTERFD3|A0A024RBL7
 33980 ADAM17|E7EUI5 CREBBP|I3L466
 33981 BTG4|Q9NY30 ALKBH3|E9PRJ2
 33982 GalNAc-T18|Q58A54 RNASEK|A0A0C4DH85
 33983 KRTAP5-8|O75690 COX3|A0A097Q7A4
 33984 MUT|T1WHH0 SLC22A2|O15244
 33985 RBM4|J3QRR5 HLA-DOB|B7Z742
 33986 TRMT2A|Q8IZ69 ND5|A0A097PX07
 33987 FOXL2|P58012 CDKN2B|Q5ZEY8
 33988 TMA16|Q96EY4 BRCA1|Q5XLT4
 33989 ASIP|P42127 PALM|A0A024R1Y6
 33990 ABCG2|Q8WZ76 EIF4E1B|D6RHE2
 33991 STON1|Q0VAG8 CTSF|E9PSC2
 33992 IGFBP6|F8VYK9 ADAM30|Q9UKF2
 33993 B3GALT6|Q96L58 RHBDF2|Q6PJF5
 33994 CARD18|P57730 ASXL3|K7EJ76
 33995 LONRF1|E9PQH4 ESX1|A6ZIT3
 33996 DRD2|P14416 PFKFB3|Q16875
 33997 DENND2D|Q9H6A0 KIF13A|Q9H1H9
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 33999 SYT17|H3BSX1 HLA-B|Q95IE1
 34000 SLC17A1|Q14916 HLA-C|D6MLB3

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 34002 PPP3R1|D3YTA9 hRED1|O43263
 34003 LAMTOR3|Q9UHA4 P1|Q3MN80
 34004 HLA-C|A0A0A7C682 PCDH7|O60245
 34005 LIPK|Q5VXJ0 VAC14|H3BUU8
 34006 MGAT2|Q10469 ESYT3|H7BXJ6
 34007 IL10|Q71UZ1 ND3|Q7YEF4
 34008 MCRS1|Q96EZ8 KIF16B|A0A0A0MRC9
 34009 ATXN3|D3VVK2 FHOD3|K7EP24
 34010 ZNF596|E5RIV8 DHX8|Q14562
 34011 ZFAND6|H0YME2 NRAMP1|Q14970
 34012 PMS2|Q5FBW8 KLRB1|Q12918
 34013 CYP2W1|A6NJ10 PPM1A|B5BUD5
 34014 GPR82|Q96P67 LOC151242|Q53SA3
 34015 CCAR2|E5RHJ4 MYOCD|Q8IZQ8
 34016 ZNF141|Q4W5N2 P2RY6|F5GX90
 34017 CACYBP|Q9HB71 CAPN1|E9PMC6
 34018 GLIS3|Q1PHJ1 COX3|D7NV03
 34019 FIP1L1|Q6UN15 MCC|P23508
 34020 MIB2|D6RE96 MAGED1|A0A024R254
 34021 FTH1|E9PKY7 CYP21A2|K9LIR4
 34022 MT1M|A0A024R6T4 ND5|E9K900
 34023 POU5F1P4|E9LRP4 USP17L13|A0A087WY87
 34024 HLA-C|A0A0A7C7W6 BCAR1|H3BSY4
 34025 ND4L|A0A059RXZ1 ENO3|E5RG95
 34026 PI3CA|E5FF36 BRCA1|E9PH68
 34027 FTL|Q4FCH6 DOCK9|A6H8Z6
 34028 HLA-DRB1|T1WFE7 SURF5|A0A024R8C5
 34029 GCSAML|E9PRX8 SYTL2|E9PK22
 34030 OXSM|C9J2G3 ATP6|C5MN37
 34031 TCIRG1|Q6QBN6 RHD|W6B6B2
 34032 HLA-C|M9P9N7 ND3|A5WZG8
 34033 ANTXR2|J3KPY9 PTTG1IP|P53801
 34034 NME6|C9J1J2 PPM1K|V9GYZ5
 34035 TRDMT1|B7Z8H2 GNRHR|P30968
 34036 DKFZp762M113|Q69YP0 PTGIR|A0A0B4J2A7
 34037 ITIH1|H7C0N0 F2RL1|D6RJH3
 34038 CYTB|B2D5J6 SETMAR|Q53H47
 34039 CYTB|Q306D2 HLA-A|U5YEH3
 34040 DYNC1I1|Q8IY52 PTPRR|Q05B41
 34041 CYP3A43|Q9HB55 CLU|Q8IWM0
 34042 MC1R|Q6UR92 RHD|Q70E16
 34043 CDH24|Q2TAL1 ST8SIA2|Q92186
 34044 TMED1|K7EIN4 HLA-B|C0KLR5
 34045 ADAM22|Q08AL8 RPE65|C7FEP0
 34046 OR6C2|Q9NZP2 BANF2|Q9H503
 34047 UTY|E1NZ94 RBPJL|Q5QPV1
 34048 ERP27|Q96DN0 DOCK7|Q96N67
 34049 CYTB|L7SDN4 DKFZp781J211|Q68DL4
 34050 NBN|O60934 CTSA|U3KQU6
 34051 ELMOD3|D6RHZ3 EVI1|D3DNP4
 34052 CDH2|A0A024RC42 ATP6|F2WGR5
 34053 HLA-A|D3U477 HLA-B|D4HPA9
 34054 CDH2|P19022 MTRR|D6RAZ2
 34055 SCN1A|F8T7W4 CYP1B1|A0A087WW26
 34056 HLA-DPB1|A0A0A7C8S3 CYP21A2|K9LHV1
 34057 ERAP2|D6RGW0 MMTAG2|Q9BU76
 34058 LTB|Q5STB2 HMHA1|Q92619
 34059 CC2D1B|Q5T0F9 HLA-A|D5FIG3
 34060 HLA-B|D5H3H6 LRRC7|Q96NW7
 34061 CDK4|Q96BE9 PFKFB3|Q16875
 34062 DKFZp434M235|Q69YV8 DDHD2|H0YE64
 34063 TNC|P24821 KL|Q9UEF7
 34064 NXNL2|A0A087WXA5 ANKRD40|Q6AI12
 34065 BLOC1S1|P78537 ZRANB2|O95218
 34066 CCNG2|Q16589 ARPC1B|A4D275
 34067 TRAIP|E7ETV1 ACP6|X5D319
 34068 PIP5K1A|A6PW57 STK24|Q6FG81

34069 OR6Q1|B9EKW0 TCEA2|Q5ZEZ5
 34070 FBLN1|P23142 APTX|F5HRF8
 34071 TDG|F5H539 BAD|F5H1R6
 34072 HLA-B|I6MHH9 ND5|Q6RMK4
 34073 HLA-DPB1|A0A0A7C9V6 trk4|Q04227
 34074 DNMT1|K7ENW7 ATP8|G9LC48
 34075 CEP192|K7ELX0 ESX1|A6ZIT3
 34076 ZNF608|D3DSZ2 GBGT1|J7Q261
 34077 RAP1B|F8WBC0 CACNA1H|Q9NYY7
 34078 ND5|A0S8Q9 COX1|A0A059RH82
 34079 MED24|O75448 CDKN2C|Q9P1T2
 34080 POC1A|Q8NBT0 CBWD7|A6NM15
 34081 HLA-C|A0A0A7C504 GOSR1|O95249
 34082 GAB2|Q9UQC2 ZBTB44|H7BY22
 34083 TLK1|Q9UKI8 ADCY7|H3BQ93
 34084 CHURC1|H0YID9 ND5|R9Y4B7
 34085 RPLP0|G3V210 AGTR2|P50052
 34086 HLA-DRB1|Q95IG7 LCE3A|Q5TA76
 34087 OR2A25|A4D2G3 ATE1|O95260
 34088 BAIAP2L2|Q6UXY1 MERTK|E9PHX8
 34089 CYTB|A0A0A0QN56 HLA-DRB1|H8WV95
 34090 SHROOM2|F5H3B6 SCGB3A2|Q96PL1
 34091 CEP112|Q8N8E3 HLA-C|E2GJH1
 34092 NT5C3A|B9A035 RHCE|A0A0B5JJ59
 34093 MAPKAP1|Q9BPZ7 PLOD1|A0A024R4H0
 34094 CYTB|A0A068BL10 TAS2R13|Q9NYYV9
 34095 COX3|H9QRZ4 CAMK2A|A8K161
 34096 NDFIP2|A0A0C4DGW0 ASMTL|O95671
 34097 SST|P61278 ZNF174|Q8IZN5
 34098 HLA-C|F8RHH8 CTSB|Q8TAC7
 34099 CYP21A2|V5WC48 ND5|H9S8U6
 34100 FOCAD|Q5VW36 ND1|Q5XRR9
 34101 SAP30BP|Q9UHR5 SLC01A2|F5H060
 34102 LRSAM1|Q6UWE0 MORC3|Q14149
 34103 UTP15|H0Y8P4 TMED3|G3V1J9
 34104 PRICKLE2|H3BNU0 factor|F2RM35
 34105 SRD5A3|Q9H8P0 HLA-C|A0A0A7C7Y5
 34106 CLEC7A|Q9BXN2 HLA-DRB1|Q9TQ83
 34107 HLA-B|D2DKQ8 GLB1|F8WF40
 34108 SON|J3QSZ5 YWHAH|Q04917
 34109 CASR|E7ENE0 OTOGL|H7BXL6
 34110 ME3|Q6TCH8 HLA-DRA|P01903
 34111 F8|A5JQJ8 TAF8|Q7Z7C8
 34112 COX1|D6C1N7 OR2T10|Q8NGZ9
 34113 TFDP2|C9J461 UCP1|P25874
 34114 UGT1A3|Q75XT3 ND6|Q4F4M2
 34115 TSHZ2|Q9NRE2 NIPA1|Q8TAY1
 34116 POMC|K7RMF2 ABCB4|Q75MQ5
 34117 CELF6|F6UBL3 FGD5|Q6ZNL6
 34118 HLA-A|G1EPG0 RPL29|P47914
 34119 DCX|E7EU50 HLA-C|G1ENS7
 34120 TMEM63C|Q9P1W3 HNRNPH1|G8JLB6
 34121 HLA-DRB1|H8WV95 DLL3|M0R177
 34122 NCAM2|D3DSC5 GOLGA1|A0A024R869
 34123 RBM4B|E9PLB0 C6orf18|Q6IAC8
 34124 MICU1|S4R3V1 HLA-A|H2BE80
 34125 CHML|P26374 CRYZL1|H7C3S0
 34126 ATP6|A0A023I889 GBE1|E9PGM4
 34127 CHRFA7A|H3BPP0 HLA-E|A0A0A8LFF7
 34128 GUCA1C|C9J7M7 CANX|D6RG29
 34129 GGT1|E9PHP2 MGAT4B|H0YB63
 34130 ND5|Q2LHG9 NFKBIE|A0A024RD24
 34131 FGF5|P12034 GABRG3|A0A0A0MR73
 34132 SAMD11|I7F491 RAD18|F8WFA6
 34133 ACP2|P11117 CYP21|Q16741
 34134 HSD17B1|P14061 COX1|G5D810
 34135 ND6|A6Z1T4 PCOLCE|A4D2D2
 34136 RDH14|Q9HBH5 SDC4-ROS1_S4;R34|M1VE83

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34139	ZNF565 K7ESE2	ABHD5 Q8WTS1
34140	HLA-A U6ER51	CYP24A1 Q07973
34141	CFLAR M0QY57	MC1R V9QB02
34142	GPR146 C9JAQ6	ND4 C9D583
34143	HLA-C D7NQX7	NEK6 Q5TBG4
34144	RPS15A H3BV27	NNMT Q6FH49
34145	EBF2 Q9HAK2	DEPDC5 H0Y770
34146	HLA-C D6C6E1	ABCC8 H0YDH8
34147	ZNF83 M0R3A5	ZBTB37 Q5TC79
34148	VLDLR P98155	ASB7 Q9H672
34149	AKR1C1 A6NHU4	ACTN1 P12814
34150	SCRN2 J3QL71	CSNK2A2 H3BV19
34151	CYLC2 Q14093	HLA-C E3SWM4
34152	NCALD E5RHC8	ATP6 B2YBN4
34153	MAP1LC3C Q9BXW4	ACTL6A C9JQT2
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34155	EIF3G A8K5K5	ND2 F2WHP9
34156	ND1 U3LS16	MMP17 F5H209
34157	AIM1L Q8N1P7	HAS1 M0R2V0
34158	ISCU B3KQ30	HLA-C H9BYU8
34159	GPR68 E9PNU7	SLC2A2 P11168
34160	MRS2 Q9HD23	MDFI Q99750
34161	SMURF2 Q9HAU4	MOAT-B O75555
34162	SYNM C9JIE4	ATL3 Q6DD88
34163	KDM3B Q7LBC6	JAK3 P52333
34164	ND5 B2WRM8	TUT1 J3KN81
34165	CYP17A1 P05093	PPA2 Q9H2U2
34166	HLA-B D3U4B8	RTTN J3KT00
34167	CYB561A3 F5H684	HLA-B D5FZT1
34168	PYCR2 A0A087WTV6	ND5 H9QG52
34169	TSC22D1 Q15714	MAP4K1 K7ER95
34170	ZNF530 M0R1P0	ICOSLG O75144
34171	SLC25A37 F8W9Q7	HLA-C U5YF37
34172	ZNF354A O60765	CYTB E5E150
34173	COX3 A0A096YC77	NAA10 A8MWP7
34174	AP5S1 Q9NUS5	CUL3 A0A024R475
34175	USP2 O75604	TLR8 Q495P6
34176	PIPOX K7EJU8	SUM03 P55854
34177	TIGD6 Q17RP2	GTF2B B1APE2
34178	RORA A0A0C4DG53	ZFAND3 Q9H8U3
34179	TCFL5 Q9UL49	GABPA A8IE48
34180	HLA-A Q5ZGM8	ECHDC1 J3KP84
34181	ANKRD2 Q9GZV1	LOC317671 A0A024RAR3
34182	ZCCHC3 Q9NUD5	LOC317671 A0A024RAR3
34183	ZNF471 A0A024R4Q9	UMODL1 Q6L9N5
34184	TRPC1 A7VJS2	NCAM1 A0A087WV75
34185	CRMP1 X5DNI1	DENR O43583
34186	COIII D2Y6W2	RPS27A P62979
34187	JAK2 O60674	METTL3 H0YFV6
34188	PCDHGA4 A0A087WTI2	DUS3L K7ER20
34189	RBFOX1 I3L1D4	NR0B1 F1D8P4
34190	SNX11 J3KTN6	USP3 Q6JHV3
34191	S100PBP E9PIZ7	IL4R P24394
34192	ZNF695 Q8IW36	NAPA M0R213
34193	RBMX P38159	MSX1 E9KY07
34194	ND5 U3L5J7	ND4L A0A059RPN0
34195	HLA-C K7P500	CHD4 F5H6N4
34196	FCH01 M0R2J7	PRL Q5THQ0
34197	KPNA1 P52294	HLA-DPB1 A0A0A7C5U5
34198	RHD K4RNY0	COX2 H9RA87
34199	SLC12A5 V9GYL3	TMEM67 A0A0C4DFP8
34200	SLC26A7 Q8TE54	COX1 A0A059RPW0
34201	CLVS2 Q5SYC1	ANAPC2 Q9UJX6
34202	PIGC A0A024R900	HLA-DPB1 A0A0A7C906
34203	SASH1 O94885	F8 A0A2G4
34204	SPOCK1 D3DQB3	MBNL3 B1AKI4

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 34207 HLA-DRB1|A1Z0K9 KIAA0430|G8JLP4
 34208 CS|A0A024RB75 HLA-C|F6KRX0
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 34210 CREB3L2|C9JPH0 HLA-C|A0A0A7C504
 34211 WNT2|P09544 RAB3D|O95716
 34212 PCDHA9|Q9Y5H5 CYTB|L7NW44
 34213 ATXN3|D3VVJ3 RHD|Q49IM5
 34214 ND1|Q9B2U3 CCT5|B7ZAR1
 34215 cytb|B2XI38 SYT8|Q8NBV8
 34216 RUFY2|X6R3F0 HLA-DPB1|A0A0A1TST9
 34217 ABCC11|H3BRJ2 ILVBL|M0QZX5
 34218 HLA-C|D3JV29 COX14|Q96I36
 34219 COX2|H9RF01 TNXA|Q16473
 34220 HLA-DPB1|A0A0A7C8Q5 HLA-A|Q5EDF8
 34221 DARS|C9J7S3 PIF0|Q8TCI5
 34222 CCR5|A0A089G5S8 CLEC12B|B2RNC6
 34223 BAHD1|A0A024R9K2 NME7|A0A024R8Z7
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 34225 CLPX|A0A024R5X7 NRARP|Q7Z6K4
 34226 MSH4|O15457 MAP1B|Q05BW8
 34227 DEPDC1B|Q8WUY9 IL12A|P29459
 34228 ND5|Q1ADK8 AIPL1|K7EPF4
 34229 PHTF2|Q8N3S3 RHOU|Q7L0Q8
 34230 DOK3|D6RAM3 CREG1|O75629
 34231 XPO4|Q9C0E2 RANBP17|Q546R4
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 34233 CYTB|C7SJS6 MMP9|P14780
 34234 PCMTD1|E5RGG7 RAD54L|V9GYX6
 34235 ND1|A0A068BZL9 GPC2|Q8N158
 34236 GRM8|H7C4V5 RDH14|Q9HBH5
 34237 UTY|F4MH77 ND5|Q9B2X2
 34238 HLA-C|K7P5W3 TNNI3K|Q59H18
 34239 ARID4B|H7C5R6 ASB1|Q9Y576
 34240 PENK|P01210 GEN1|E9PLG0
 34241 IGF2BP2|Q9Y6M1 ALK|A0A087WZL3
 34242 MSR1|P21757 ND6|A0A059RG71
 34243 ZNF235|K7ESF8 ATXN3|D3VVF1
 34244 PARP10|E9PPU2 TNFSF13B|Q8IZI5
 34245 HLA-C|G1EQF6 MAP7D3|Q8IWC1
 34246 ICAM2|D3DU30 OLIG2|Q13516
 34247 KIF1A|F8W8V9 ICAM5|Q8TAM9
 34248 MYLK|Q15746 ND4L|B2MXU9
 34249 OTX2|A0A0A7NV24 PTH1R|Q03431
 34250 ND5|V5JLM6 PMPCB|F8WBE1
 34251 ATF4|Q6ICP0 HLA-C|V5L5Z7
 34252 ASB12|Q8WKK4 DNASE1|I3L298
 34253 MCEE|Q96PE7 UTY|F4MHP8
 34254 HLA-Cw|C0M117 L3MBTL4|F8W9S8
 34255 CYTB|H9REL7 ORC5|G3V0H0
 34256 ADAMTS1|E5RJR7 SLC15A3|F5GZ36
 34257 RFTN2|Q52LD8 COX2|H9QH59
 34258 SLC8A1|Q4QQH3 SLC12A8|C9IZN2
 34259 RNF32|E9PES2 ATP6|D5I8G5
 34260 LCE3B|Q5TA77 ABCA8|A0A0A0MSU4
 34261 SLN|O00631 USP24|Q9UPU5
 34262 PCCA|H0Y5U0 WWC2|Q6AWC2
 34263 CUBN|Q7LC53 SPRED2|C9JG63
 34264 UTY|F4MHA3 NR3C1|E5KQF5
 34265 GGA1|B0QYR5 USP3|H0YLY0
 34266 CHD2|Q14647 HLA-B|D5FWB5
 34267 PPP3CA|E9PPC8 LIMK1|Q75MU4
 34268 MLXIP|F5H321 COX2|H9SYF8
 34269 FOXR1|Q6PIV2 CACNA1F|O60840
 34270 ND2|A0A023QHC9 ND1|Q4EZ33
 34271 CNR1|Q9BYY6 PCMTD2|Q9NV79
 34272 HIC2|Q96JB3 ETFA|H0YNX6

34273 ZNF248|Q05CR2 CYTB|A0A068C206
 34274 HLA-DPB1|A0A0A7C791 HLA-Cw*07|Q9UEY2
 34275 NAT2|A4Z737 PDPK2|Q6A1A2
 34276 ZNF677|M0R1V2 HLA-C|M9PAC3
 34277 ZNF793|K7ERJ7 CYTB|I7H289
 34278 GALNT14|Q96FL9 ND6|A0A059QF73
 34279 IL2RB|P14784 ULK3|Q6PHR2
 34280 ND1|E5E1W1 HLA-C|H2DMJ8
 34281 ACP7|M0QYV2 TSC1-PDGFRB|A0A0A7KU15
 34282 OR9Q2|B9EIK5 PKP4|Q4W5T8
 34283 RPL17-C18orf32|A0A0A0MRF8 FAM13B|D6RAT6
 34284 CCDC182|A6NF36 PREX2|Q56UR8
 34285 CDC26|A0A024R832 DPYSL5|E7EWB4
 34286 NNT|D6RAI5 FRS2|F8VZ12
 34287 HLA-B|A5A163 CLDN24|D6RBY1
 34288 DNAJC19|Q96DA6 NFIA|B1AKN8
 34289 CYTB|Q6RM70 PCDHGA10|Q52LL2
 34290 TRPT1|H0YGY9 TIAL1|Q49AS9
 34291 ZC3H10|F8VYY3 CLEC11A|Q9Y240
 34292 SLC25A39|K7EMR4 ZNF415|M0R358
 34293 ND2|F2WJ04 CYTB|G9LKB6
 34294 GNAQ|P50148 PALD1|Q9ULE6
 34295 AGO3|Q9H9G7 HLA-B|D7NSQ9
 34296 ATP1A3|M0R116 TFAP2C|Q92754
 34297 GZMB|Q6XGZ2 PTPRC|M3ZCP1
 34298 LHX5|Q9H2C1 HYAL2|Q12891
 34299 HLA-DR15|G1EMX7 ROR2|A0A024R2A0
 34300 HLA-C|Q6T715 ISLR|O14498
 34301 TNNT1|M0QZY5 GDF8|A1C2K4
 34302 DOC2A|H3BTI1 TYK2|K7EM33
 34303 ARCN1|E9PK34 ADGRL2|B1ALU1
 34304 CYP19A1|E7EPL6 TP53|S5M207
 34305 ND6|C8YCT5 ATP8|A0A059RUI7
 34306 THBS1|A8MZG1 PSMB7|Q5TBG5
 34307 TYK2|E9PM19 RHCE|G0TQY4
 34308 ND1|A0A059QJ58 IZUM03|Q5VZ72
 34309 CPEB1|A0A087X171 HLA-B|M9P9U8
 34310 PAX-3|Q12777 hCG_1775942|D3DTM0
 34311 COX3|I3Q7D7 ND5|U3L687
 34312 CALB2|P22676 NUDT13|B4E059
 34313 FOXE3|A0A0B5J129 TAF8|Q7Z7C8
 34314 HLA-A|F8R8H7 MSX1|E9KXU1
 34315 HL14|Q15954 SCOC|Q9UIL1
 34316 PDE4C|Q9UPJ5 BRMS1L|Q5PSV4
 34317 ND1|Q7YCD2 OR2T33|Q8NG76
 34318 COX2|I6N6Q6 HLA-C|C6JSZ5
 34319 TP53|Q1MSX0 ABHD5|F6K7K5
 34320 ND2|Q306D0 COX1|A6YYY8
 34321 CRB1|A0A0C4DG35 KIF1C|O43896
 34322 ARNTL2|H0Y5R1 ATP8|A0A068CC51
 34323 NSD1|Q96L73 HLA-C|H9BQ90
 34324 COX1|B2Y9D8 PADI3|Q9ULW8
 34325 pp52|Q16002 WTAP|Q15007
 34326 ND4L|H9E7D6 COX1|Q6VLK7
 34327 DECR2|Q9NUI1 HLA-C|M9P9D8
 34328 MAP1LC3A|Q9H492 HLA-B|G0ZMJ5
 34329 PIAS3|E7ESB4 DUT|H0YNW5
 34330 SYT7|O43581 NUPL1|Q9BVL2
 34331 PFN1|I3L3D5 C3orf17|Q6NW34
 34332 CAPN12|M0QZ20 CYTB|T1Q660
 34333 PKD2L2|Q9NZM6 NECTIN3|C9J795
 34334 CNGA1|A0A024R9X3 NFIL3|D9IVD5
 34335 ATP6|B1NTU9 ACTR1A|P61163
 34336 DUSP18|A0A024R1L2 PFKP|B1APP6
 34337 SYNE3|Q6ZMZ3 SCLY|H7C280
 34338 CHST12|A0A024R860 ND2|E5DZE1
 34339 COL25A1|A0A087WZJ5 DKFZp434K0835|Q8ND87
 34340 ZNF467|Q7Z7K2 GCSAML|E9PRX8

34341 CABLES2|Q9BTV7 TP53|S5LQQ1
 34342 TPH1|E7EMX4 HLA-A|E2D5K9
 34343 GPNMB|Q14956 EFHC2|Q5JST6
 34344 SLC43A2|Q8N370 RP11-479E16.1|B2C6G4
 34345 NRBP1|F8W6G1 ZNF385D|Q9H6B1
 34346 TNS1|Q9HBL0 EPB41|Q4VB87
 34347 FSCN3|R4GN86 CAPN10|B7WPF5
 34348 HLA-DPB1|Q9BCT3 DKFZp58601422|Q9UFT5
 34349 CNOT3|H7C148 LM07|E9PJ10
 34350 NDUFA3|O95167 CYTB|I6U1P4
 34351 PARK2|O60260 NPEPPS|E9PJY4
 34352 DLK1|A0A024R6L1 ABHD12B|Q7Z5M8
 34353 NQO2|P16083 ND5|B3GTF2
 34354 TIAM1|Q13009 AARD|Q4LEZ3
 34355 PPP2CB|E5RHC1 STAT2|R9QFC5
 34356 ASB10|Q8WXI3 FGFR1|E9PQ40
 34357 EIF3E|H0YAW4 SPHAR|Q15513
 34358 ILF3|K7ER69 DHRS2|H0YJG9
 34359 ATP6|Q7YCD1 ADAT1|H3BP27
 34360 KLC4|H7C4M1 PQLC3|Q8N755
 34361 RCC2|A0A024RAC5 CCHCR1|D6RD84
 34362 FRA10AC1|Q70Z53 SERGEF|H0YE53
 34363 COMP|P49747 ZDHHC11|H0Y9D0
 34364 KALRN|C9IZQ6 ANO3|Q9BYT9
 34365 Fam20A|L8B8N7 GPR34|Q3SAH0
 34366 COMP|G3XAP6 TRIB2|F8WA18
 34367 SFPQ|P23246 COX1|A6Z1V1
 34368 NNMT|Q6FH49 HLA-DQB1|I4EPK7
 34369 STK11|Q15831 CYB561A3|Q8NBI2
 34370 AQP7|B7Z4U2 PANK4|H0YA26
 34371 DKFZp686J14194|Q68D18 GTF2H2C|B7ZW82
 34372 HLA-C|F6KS00 HLA-C|K7P5H5
 34373 SMARCA1|A0A0A0MRP6 HLA-DQB1|A0A0A7C8H5
 34374 HLA-DQB1|Q30005 CDKN2D|A0A024R796
 34375 MTOR|B1AKP8 HLA-A|H9C5F6
 34376 CYTB|A8JN36 PRND|Q27H88
 34377 TRIM56|Q9BRZ2 ATXN2|Q99700
 34378 ACTA2|P62736 RANBP9|Q96S59
 34379 RPGRIP1L|J3QLR9 CASR|Q2F3K5
 34380 F9|Q19UJ4 EIF4B|F8VSC7
 34381 POU5F1|D5K9R1 B4GALT4|C9J4S5
 34382 CNTNAP2|Q75MA1 HLA-C|D6MKU3
 34383 RBM12|A6PVI1 ND5|Q0Z7K9
 34384 SCAP|D6RA39 BCS1L|H7C492
 34385 COL5A1|A0A087WXW9 ND2|W8DEH1
 34386 COX1|G3C9Z6 DNAJB1|M0QYT3
 34387 KLHL24|C9J2N4 HLA-B|H6A2E0
 34388 NEK2|F6U4U2 NY-CO-41|O60535
 34389 TCOF1|Q13428 FOXR2|Q6PJQ5
 34390 CYTB|W0C5C1 CNOT2|H0YI11
 34391 KCMF1|C9J3I2 CRX|O43186
 34392 HLA-DPB1|D6CIB0 MAP4K4|E7ETN6
 34393 PIK3C2B|B7ZM86 SCN9A|D3DPB7
 34394 DRD3|X5D2G4 UPK3B|Q9BT76
 34395 GINS1|Q14691 NBPF10|Q6P3W6
 34396 ZBTB8A|Q96BR9 ZNF|Q15930
 34397 PIGN|A0A024R2C3 HLA-C|D2DKI5
 34398 PGS1|K7EPX0 ZBED1|O96006
 34399 TRPV6|V5NAT2 ZBTB43|O43298
 34400 ENO1|K7EM90 TSR1|Q2NL82
 34401 SHF|Q7M4L6 DCTN1|C9JJD0
 34402 ND2|A0A023QCK0 MC1R|Q6UR97
 34403 MMP17|F5H846 DHX33|Q05BE5
 34404 PRTG|Q2VWP7 ATP6|B8RFM5
 34405 SLC03A1|G3V2B7 CBR3|O75828
 34406 ND4|Q305M9 BCS1L|H7C492
 34407 CREBBP|B5A214 PTPRN|H7C0U9
 34408 IL13|A0A087WW07 MAGT1|Q9H0U3

34409 NDUF51|E5KRK5 ACBD4|K7EM05
 34410 TRUB1|Q8WWH5 CYP27B1|V9GYP0
 34411 ND6|V9J6I9 HLA-B|Q6F3G6
 34412 CENPE|D6RBW0 NUP93|H3BPA9
 34413 IL2|Q6NZ91 G3BP2|D6RB17
 34414 HLA-A|E5D6K2 COX1|A0A023Q2M3
 34415 HLA-C|A0A090KKK1 POU5F1|B5B8P7
 34416 PHF12|K7EJ43 DCAF11|Q8TEB1
 34417 C7orf25|Q9BPX7 RPS29|P62273
 34418 HLA-DOA|X5CKB7 UTY|O14607
 34419 FAN1|H3BQ24 CHRND|Q07001
 34420 CFL2|Q549N0 MRGPRX1|B5B0C6
 34421 ND5|V5L8C9 TTC28|Q96AY4
 34422 XRCC3|Q53XC8 KLRD1|Q8NFM0
 34423 HLA-C|I6MHJ4 ATP8|B2XMG1
 34424 GRIK2|F8WEZ8 TRAPPC3|O43617
 34425 R3HDM2|B5MCU0 NOL8|F5H532
 34426 ITPR2|H7C2X9 CYTB|V9JNT2
 34427 ADIG|A2A2E7 ABCA1|B2RUU2
 34428 CYLC2|Q14093 PLA2G1B|P04054
 34429 HLA-A|C4PFY9 H1F0|P07305
 34430 RPRD1A|Q96P16 DKFZp779G1236|Q68D69
 34431 ATP8|A1DV59 LSM4|U3KQK1
 34432 HLA-DPB1|A0A0A7C745 RNF150|D6RIE5
 34433 PMM2|H3BRM0 DCDC2C|A8MYV0
 34434 FRMD7|Q6ZUT3 CYTB|Q4F5S4
 34435 TMPRSS5|F5GX83 HLA-G|C0JT28
 34436 SMARCA1|Q9NZC9 CYTB|A6Z0Q9
 34437 LNX1|D6RB76 CALD1|E7EX44
 34438 NOL11|Q9H8H0 hCG_2026222|A0A024R6Z5
 34439 PDCD6|O75340 ESX1|A6ZIU8
 34440 HLA-C|F4YU78 COX2|V9JD22
 34441 TSEN34|A0A024R4N9 RANBP1|C9JJ34
 34442 ATP5A1|K7EK77 HLA-C|H9BYV7
 34443 SUPT3H|A0A024RD67 HLA-A|A8E0Y3
 34444 ZC3H12C|E9PP00 HLA-B|A0A0B7MB31
 34445 cytb|Q85KW7 NFATC4|Q14934
 34446 ND5|A6ZF67 HFE|A0A097CK87
 34447 COX2|Q5S971 BRSK2|E9PPI2
 34448 ABCB1|A1L471 HLA-B|M5FJF4
 34449 REEP3|Q6NUK4 IRF3|E2GIM8
 34450 NADH2|Q4G6Z0 RAB5C|F8VVK3
 34451 ND6|Q8HAZ5 ND2|V9JGI4
 34452 PCDHB7|Q4KMG7 GNAI2|F8WE78
 34453 HLA-A|A0A0A7C7I0 GCHFR|H0YNX7
 34454 GRK1|B9EIS4 NADH1|Q4GHR1
 34455 COX1|A6NAM9 ND1|G4W2J6
 34456 BRCA1|E7EQW4 MAST2|Q6P0Q8
 34457 PLSCR1|O15162 PPP2R1B|P30154
 34458 FBX021|Q4G104 ND5|T1PZR2
 34459 EIF3L|Q9Y262 CTRL|I3NI28
 34460 HOXB9|P17482 HLA-Cw|A7WPR6
 34461 ARCN1|B0YIW5 HLA-C|C5J039
 34462 ELAVL3|Q96J71 COX1|U3KW58
 34463 ACSL1|P33121 PIWIL3|E9PIP6
 34464 RAB31|Q13636 KLC1|B5BU63
 34465 COPZ1|F8VXB1 EP400NL|H9KV84
 34466 CHD4|Q14839 ND5|V9PAR5
 34467 TXNL4B|Q9NX01 BRCA1|G4V502
 34468 MDM2|A0A0A8KBA1 GLT8D1|C9J880
 34469 TRIM39|A2AAZ5 ND1|H9LKK7
 34470 FLG|Q03839 CYTB|C3W5M2
 34471 COPS7A|Q9UBW8 BECN1|K7EMA2
 34472 ND3|A0A059QP01 HLA-A|Q9UQU0
 34473 HLA-DPB1|Q4F8G9 HLA-A|I3QHQ4
 34474 MAG|P20916 MANBA|E9PFW2
 34475 ZNF230|K7EMK6 DHX8|F5H658
 34476 HP1BP3|X6RGJ2 SUCLG2|Q96I99

34477	RHD A5PHJ8	ZNF160 M0QXU9
34478	COQ7 Q49A71	HLA-B Q9TPU0
34479	HNRNPD D6RF44	FBP1 P09467
34480	HLA-C A6H578	GPRIK Q14440
34481	SCOC Q9UIL1	SRGAP2 A2RUF3
34482	COL4A5 A7MBN3	ARID4A Q05CG0
34483	GCSAML E9PLW0	ADGRB1 E5RG74
34484	FCH01 M0QZI3	HZF41 Q6RFR4
34485	ITGA5 P08648	LOC101930165 A0A0B4J2C8
34486	HSD17B12 Q53GQ0	ND5 R9Y599
34487	CIDEC A0A0C4DG75	RAP1B F5GYH7
34488	CDK11A Q5QPR3	JAKMIP2 Q96AA8
34489	ZNF540 K7EQ46	ITPK1 G3V5A3
34490	ELK3 F8VUJ0	CCKAR P32238
34491	HIST1H2AK A4FTV9	HLA-C D6MLD1
34492	DYRK1B Q9Y463	TREX1 A0A024R2U4
34493	SPG3A Q6IAK1	TMSB10 P63313
34494	DLX5 Q53Y73	CYTB A0A096X6J9
34495	HOX Q16124	CYTB H9NSX0
34496	HLA-A O19602	ND5 E5DY71
34497	PLA2G4F Q8IUP3	PSTPIP1 H0YLI2
34498	SIRT1 A0A024QZQ1	LILRA5 A6NI73
34499	DGKB B7ZL83	ORAI1 Q96D31
34500	ESR1 K4PX46	GALT P78433
34501	STAMBPL1 B3KR00	WIPF3 A6NGB9
34502	MICA F5CIT5	QSOX1 O00391
34503	USP43 V9GZ20	TRIM5 E7EQQ5
34504	FNBP4 Q8N3X1	CADPS2 X5D8W6
34505	INTS12 Q96CB8	POLR2E A0A0A0MQR7
34506	ND1 A0A059QH00	RHCE I7ITT0
34507	WWP1 Q9H0M0	POMC K7RME8
34508	TXNRD1 A0A0B4J225	KIF21A H0YIM7
34509	DKFZp586J151 Q9H072	EFCAB3 E5RJB7
34510	MREG Q8N565	TUBB3 G3V2A3
34511	ITIH4 B2RMS9	MAPK10 H0Y9H3
34512	MRPL15 Q9P015	ND3 A0A096WY90
34513	ND3 A0A059RQ94	SNIP1 B1AK66
34514	SCNN1B P51168	ACSL1 H0Y9U7
34515	PTCD2 Q8WV60	CYP2B6 P20813
34516	POU2F2 M0R1I6	CYB561A3 F5GX87
34517	UGP2 C9JUW1	COMMD4 Q9H0A8
34518	MRP63 A0A024RDM4	BCR-ABL1 A2RQD7
34519	MUSTN1 Q8IVN3	CALCB E7ESF5
34520	ND5 L7SAT6	CCR9 P51686
34521	CYTB A0S4R5	RNF223 E7ERA6
34522	SOX11 Q05CH0	POLR3D E5RHT4
34523	HLCS A0A0C4DG27	SRSF11 Q05519
34524	FTH1 A9JQE1	TRIM11 Q96F44
34525	IKBKE Q14164	CRX H3BUU7
34526	ZMYM3 A6NHB5	COX3 Q6RPE6
34527	CAMK2D Q4G1A8	DMPK Q09013
34528	ND1 H9SQ95	HLA-DPB1 A0A0A7C5D7
34529	FLT-1 S5TRK2	CDK13 A0A087X209
34530	CD34 P28906	COI1 B1W855
34531	ITGA11 Q9UKX5	PUS3 E9PRI9
34532	OR10G2 Q8NGC3	DENND5B Q6ZUT9
34533	ZNF430 M0R0L5	CCR5 A0A089G7H7
34534	UTY F4MHA6	SFRP1 Q8N474
34535	ZNF784 Q8NCA9	GGA3 J3KSG3
34536	AMPD1 Q6I6Y2	SLC26A6 F8W9I8
34537	PNPLA1 Q8N8W4	MAPK8 A1L4K2
34538	KCNKG4 Q8TDN1	CYTB Q4EZ99
34539	SKIL C9J8R9	RNASEK Q6P5S7
34540	ELL2 H0Y8G1	HLA-B O19644
34541	HNRPA3 B4DDB6	FSD1 Q9BTV5
34542	CCT7 F8WAM2	c-myc Q6LBK7
34543	OR51B2 Q17R53	HLA-DQB1 F8LFY1
34544	COX3 Q4VFD0	GCH1 P30793

34545 HLA-B|C0KLR5 ADORA2B|P29275
 34546 GCSAML|E9PR51 OR1E2|P47887
 34547 MSX1|E9KXY5 GMPR2|H0YMW6
 34548 PELI3|E9PQX6 NSF|Q96D47
 34549 TATDN2|A0A024R2F3 PFN1|I3L3D5
 34550 VARS2|B4E0K6 GEMIN4|Q8WUM5
 34551 SDCBP|O00560 POLR3A|Q7Z755
 34552 ZNF613|M0QX19 KCNQ2|H0UI91
 34553 COX2|B5M7M0 FUK|J3KTP6
 34554 CHIA|Q5VUV5 SOGA1|H0YDM2
 34555 SLC1A7|F1T0D4 NPSR1|B7ZMA2
 34556 DKFZp686N14223|Q6AWC6 SLC25A17|F8WA85
 34557 NRD1|Q6UUU9 PCSK7|Q16549
 34558 ESX1|A6ZIV2 HLA-DPB1|A0A0A7C655
 34559 STX16|O14662 ND2|A0A059RNF5
 34560 DKFZp781D1727|Q6AI05 NEK7|A0A024R964
 34561 DMRT1|Q9Y5R6 HLA-A|Q38MU2
 34562 SLC01B1|Q0VGM0 SDF4|A0A024R084
 34563 KHSRP|M0QXW7 ELAVL2|B1AM48
 34564 COX3|Q6VHA9 PRPS1|B7ZB02
 34565 NES|Q05BW3 MGAT4A|Q9UM21
 34566 ND4|Q06T62 PARP4|A0PJ82
 34567 LCP1|Q5TBN5 MS4A2|E9PLJ1
 34568 AZI1|Q9UPN4 OAF1|Q96PR6
 34569 MCPH1|Q6RAS2 STX16-NPEPL1|H3BU86
 34570 SET|A0A0C4DFV9 MRPL33|O75394
 34571 SNX27|A0A0C4DFU6 IL19|Q9UHD0
 34572 MAP1S|M0QY41 HLA-B|Q95IA5
 34573 GNAI1|C9JPP4 PRKCSH|A0A0C4DGP4
 34574 AMOTL1|Q8IY63 SLC17A1|Q96PF5
 34575 HLA-Cw|Q545Z1 GLDN|H0YM22
 34576 CGB2|M0R0E6 HTR2A|Q9P2Q9
 34577 VARS|A0A024RCN6 KBTBD7|Q8WVZ9
 34578 HLA-C|Q0E9Q9 HLA-A|C6K4D9
 34579 DUS1L|J3QQZ0 HLA-A|G1ENC7
 34580 RC3H1|Q5TC82 NANOGP8|J7H416
 34581 MYO1D|J3QRN6 COX1|Q305V1
 34582 BCAP29|E9PAJ1 HDLBP|H7C2D1
 34583 ESX1|A6ZIT3 PNPLA8|Q9NP80
 34584 GMFB|G3V3X4 NAGA|A0A024R1Q5
 34585 SAMD11|I7FC47 KRT13|P13646
 34586 PDE7B|Q9NP56 AGTPBP1|J3KNS1
 34587 PSTPIP1|O43586 ATP8|V5JPT0
 34588 UBE2D4|Q9Y2X8 DUOXA1|Q1HG43
 34589 MTL5|Q9Y4I5 CUL5|L0L6D8
 34590 GFM1|C9JA25 HINT3|Q9NQE9
 34591 CANT1|K7EMT2 HLA-DRB1|A0AQZ0
 34592 ND5|B6E908 RNF19A|E7EQ63
 34593 PSMB10|Q6IB22 ND1|X5BHN0
 34594 HSPA8|E9PQK7 GPR55|A8K858
 34595 HLA-C|G0Z8E5 SGIP1|Q9BQI5
 34596 MIEF1|B0QY95 IL20|Q9NYY1
 34597 CYSLTR1|Q9Y271 DKFZp547H118|Q8TCM5
 34598 OGFOD3|Q6PK18 KIF26B|B7WPD9
 34599 DHX36|E7EWK3 BABAM1|M0R0I0
 34600 SERAC1|Q96JX3 ATP6|A6ZC37
 34601 IMPA1|E5RIP7 OR4D2|P58180
 34602 PRKCD|A0A024R328 ZFAND6|H0YK21
 34603 SPIN2B|Q9BPZ2 AP1S3|C9JZK4
 34604 CDK4|F8VXD2 RFX3|A9Z1Z2
 34605 UCP3|P55916 COMT|B8XPJ7
 34606 OR10A2|Q9H208 MSX1|E9KXV3
 34607 HLA-DRB1|F8RHL2 ND2|B2XL67
 34608 ND5|A0A0A0PWB3 OR4L1|Q8NH43
 34609 ND2|H9P588 ECT2|C9JDB4
 34610 ND4L|H9E807 HLA-A|D7NSN9
 34611 HDM2|Q86WA2 RIMKLA|Q8IXN7
 34612 RAB24|F8W8H5 DUS3L|K7ER20

34613 PREPL|H7C0M0 ATP6|H9NRA4
34614 ARL8A|A0A024R977 OTX2|F1T0D1
34615 CST7|O76096 CCR5|A0A089G5S8
34616 DKFZp686N0561|Q5CZH6 NR1H2|M0QYE6
34617 HLA-DQB1|F8LG00 HLA-B|J7H547
34618 PAQR6|Q6TCH4 ND4|A0A059RN05
34619 MED26|M0R2P1 AMZ1|Q400G9
34620 IRS2|Q9Y4H2 MAGEA4|Q1RN33
34621 CPXM2|Q49AT5 RASGRP1|O95267
34622 MAP4K4|Q5MD60 COX1|A0A059RWV5
34623 TTN|A0A0A0MTS7 KCTD1|A0A024RC45
34624 ATP6|H9PQP2 SPTBN1|A0A087WUZ3
34625 SA|V9H1I0 ND2|I3PYM7
34626 COX1|A0A059QI24 ESR1|B5TKC1
34627 ND1|U3LDT5 XDH|P47989
34628 SEC22A|Q96IW7 BC02|V9GYA9
34629 FLVCR2|Q9UPI3 ND1|G9LGC6
34630 CAV1|A0A024R757 FMN2|Q96L17
34631 TMPO|G5E972 IFT172|Q9UG01
34632 CYTB|X5BEG4 ND1|D5I7R3
34633 HLA-A|F8R8H0 SAA2|E9PR14
34634 CNTNAP2|Q86UL6 XIRP1|Q702N8
34635 GALK|C8CHJ6 HLA-A|B2MVI0
34636 HCRT|O43612 FM05|Q9HA79
34637 MAPK8IP2|Q13387 C1QB|P02746
34638 ATXN3|D3VVB5 OAZ3|D3DV23
34639 RBMS1|E7ETU5 TP53|A2I9Y7
34640 VRK3|A0A024QZI4 HLA-A|C6K4H6
34641 TRAP1|I3L0K7 AIFM3|C9K029
34642 MRPL20|Q9BYC9 POLR3D|E5RHT4
34643 CDK7|P50613 HLA-B|E9BVW0
34644 CD163L1|Q9NR16 PSGII|Q12811
34645 COI|U3MA23 FAM206A|Q9NX38
34646 ND3|A0A059RVX9 ROS1|Q5H8Y1
34647 ND5|E7CM12 TLR2|D2JYJ1
34648 ZNF131|D6R9I2 HLA-DRB1|A1Z0K9
34649 SMARCA2|F6VDE0 CDH23|A0A024QZL8
34650 FGB|P02675 CCR5|H9MHP8
34651 NUP107|G3V1T4 ZIC1|H7C5D8
34652 COX1|D3YLP1 PPP5C|A0A024R0Q7
34653 HLA-DQB1|A0A0A7CAH5 CUL5|L0L6D8
34654 TXNRD1|E2QRB9 LAMC1|P11047
34655 CYTB|A0A097KTZ0 PANX3|Q96QZ0
34656 HLA-A|C8XTN8 CCL28|D6RC73
34657 ABCB4|A7J1Q8 OR1L6|A0A0C4DFP2
34658 TMEM19|Q96HH6 ND5|Q4EXY9
34659 ACTN1|A0A024R694 EIF3D|B4E1K8
34660 ATF5|M0R040 DNAJC5|Q9H3Z4
34661 COX2|A0A059S242 SEPHS2|Q99611
34662 DNCL1|Q6FGH9 CCNI|Q14094
34663 ND4L|H9E7V5 NNT|D6RCR6
34664 HLA-C|J7K459 NFYC|E9PJA8
34665 HRASLS2|Q9NWW9 ORAI2|Q96SN7
34666 MEF2C|D6RJA7 HLA-C|I6ZTR7
34667 HLA-C|D3U744 ALAS2|H0Y6R3
34668 NNT|E9PCX7 RHCG|H0YMF8
34669 MAP2|A0A024R3Z1 ADA|P00813
34670 ZNF333|B3KSN8 FANCF|Q9NPI8
34671 DTYMK|P23919 PGAP2|Q9UHH9
34672 ERP27|Q96DN0 TRIP10|M0R070
34673 HSPA1L|P34931 MOB1A|Q9H8S9
34674 ALDH3A1|P30838 ND3|A0A059QIM5
34675 ZNF547|Q8IVP9 MST01|Q9BUK6
34676 MOB1A|Q9H8S9 UQCRC1|P31930
34677 CUL7|Q14999 ENTPD7|S4R3B9
34678 TLR10|D1CS27 DUS2|H3BMK6
34679 EA2.1|Q30168 RGS6|B7Z2N1
34680 MSX1|E9KXX8 VNN2|E9PL76

34681	ELK3 F8VZQ0	TRAF2 B1AMY1
34682	PTPN9 P43378	CACNA1C F5H638
34683	RANGAP1 B0QYT4	CLEC4D Q8WXI8
34684	MRGPRD Q8TDS7	CCDC102B A0A0C4DH19
34685	KAT2A K7EPC4	UMOD I3L4Y6
34686	ND1 H9PGF0	CD6 H0YGL3
34687	ND2 E5DYB4	HLA-A Q5D1X2
34688	PPP2R5D E9PFR3	UBXN2A P68543
34689	AIF1 P55008	LYL1 P12980
34690	HLA-A G1ENE2	KIAA1928 Q96PW0
34691	TES F8W7T0	THY1 E9PNQ8
34692	OCSTAMP Q9BR26	ND3 A0A059RLU6
34693	DNASE2B Q8WZ79	ACVR1C Q8NER5
34694	COX3 A0A023QSW5	PLCG1 V9GYH5
34695	ATP8 H6WHI1	HLA-A E5DCM2
34696	HLA-G Q68YS2	HLA-G P17693
34697	WT1 P19544	COX1 G5D862
34698	DLG4 P78352	HLA-C V5NVY9
34699	HLA-B O19644	TOP3A J3KRR9
34700	ND3 K9R2C4	TCEA2 Q6IB64
34701	CCR7 J3KSS9	CREBBP B5A253
34702	HLA-C A0A0A7C999	HLA-B K9LD93
34703	HLA-C M9P8K7	MYO10 D6RGD1
34704	HEL-S-133P V9HWB9	CYP4F3 Q08477
34705	GRXCR2 A6NFK2	LDB2 E9PGU0
34706	ANKRD17 O75179	TMSB4X Q0P5T0
34707	TREML1 Q86YW5	COL4A3BP A0A024RAJ5
34708	EPB41L3 Q9Y2J2	HLA-C G1ENS0
34709	FAM228B P0C875	LGMN Q6I9U9
34710	LDHC F5GZ11	ABHD5 F6K7K3
34711	MAST4 O15021	CAPZA3 Q96KX2
34712	PRSS1 H0Y8D1	TCF24 Q7RTU0
34713	PHF1 E9PQZ5	MTNR1A Q29RX9
34714	PANK1 Q8TE04	SLC17A5 H0UI05
34715	HLA-DPB1 A0A0A7C5X0	LAGE3 Q14657
34716	SLC35A5 C9JXZ8	ATP6 E7E3U7
34717	MRFAP1 Q9Y605	ND2 U5Z856
34718	NME1 P15531	FBLN5 G3V3Y2
34719	CTSB E9PQM1	VAMP4 Q6IAZ3
34720	ND4 D8VCQ0	GATA4 P43694
34721	ATP8 A0A059RQV9	GPC3 Q8IYG2
34722	HLA-C C5IZU8	ASCC1 Q8N9N2
34723	HLA-DQA2 Q30087	ND3 F2WIP3
34724	COX1 H9PJE2	ZNF562 K7EQZ2
34725	AR D2KF13	LSP1 E7EMG9
34726	ZIK1 F5H435	HIST1H2BC P62807
34727	ARSK D6RBR4	HLA-C K7QUR5
34728	VCAN P13611	DAPK3 M0R0D0
34729	FGD6 F8VY01	HLA-C F6IQK7
34730	CYTB A1Z412	UGDH E7ETF4
34731	ZNF630 Q2M218	HLA-DPB1 A0A0A7CA09
34732	HLA-C E0WBP9	COX6A2 Q02221
34733	MALSU1 Q96EH3	PLCB1 A0A087WW73
34734	RABEP1 I3L2B8	ZNF182 P17025
34735	ATP11A Q6PJ25	HLA-DRB1 G9HRM4
34736	STAT2 R9QE53	LRRRC8D Q7L1W4
34737	SSR1 P43307	TGFB1 P01137
34738	ATP8B1 K7ERI0	RPL38 J3KSP2
34739	hPEPT1-RF O14496	NUDT1 A0A024R819
34740	BMP2 C8C064	ND5 V9N990
34741	SH2D6 Q7Z4S9	MYL5 D6RJ91
34742	ND1 H9MQ45	COX3 B0Z6N9
34743	DIP2C E7EPU2	ETV1 C9J4P4
34744	MRPL24 Q96A35	ATP6 H9QRN9
34745	ALLC B4DY77	DOK4 A0A024R6S2
34746	HPRT1 P00492	SNX27 A0A0C4DFU6
34747	SMARCAL1 H7BYI2	RPS2 H3BNG3
34748	KIAA0368 R4GMY3	ND3 Q85KT9

34749 ZNF330|D6R9C8 CTNND1|Q96FS1
 34750 VIL1|B4DV78 SSH1|Q8WYL5
 34751 ICA1L|C9JRB6 DBNL|Q9UJU6
 34752 PLD1|Q13393 ZFP90|Q8TF47
 34753 AVPR2|C9JV81 PDSS1|Q5T2R2
 34754 DKFZp686L24211|Q68D78 GL01|X5DNM4
 34755 SLC25A1|B4DP62 CYTB|Q305A9
 34756 UGT1A3|Q8WX91 HLA-C|E2GJJ0
 34757 HLA-C|V5LL19 SNX9|Q9Y5X1
 34758 UTY|F4MHB1 NEK6|Q5TBH0
 34759 CYP2S1|M0R057 GPR155|A0A087WXX4
 34760 HLA-DPB1|A0A0A7C870 LPHN2|O95490
 34761 ZIM2|M0QXH8 CHD9|H3BTW3
 34762 SUPT20H|R4GND2 COX2|H9SA70
 34763 PLA2G2C|J3KMZ3 HLA-C|D6MKW6
 34764 ANO1|Q8NCT7 PLK5|Q496M5
 34765 RNF41|F8VVY2 INO80B|Q9C086
 34766 STK38|A0A024RD18 HNRNPM|M0QY96
 34767 MUM1|D6W5Y8 USP7|Q93009
 34768 IYD|F6VN83 HLA-B|D4HPL2
 34769 CRCP|O75575 PDXDC1|Q6P996
 34770 CDC42|A0A024RAE4 DKFZp686A2214|Q69YR4
 34771 CCL19|Q6IBD6 HLA-A|J9ZZZ7
 34772 MLH1|H0Y818 ERCC2|B4E0F6
 34773 RAVER1|A0A087WZ13 APP|A0A0A0MRG2
 34774 GZMB|P10144 MRPL49|A0A024R578
 34775 RPS6KA1|E9PAN7 ND5|A0A023I7R3
 34776 TUBA1A|F8VQQ4 ND1|H9RLM5
 34777 ZNF219|G3V3F2 PLAUR|Q03405
 34778 CYP2D6|D5KN61 GPR150|Q05C22
 34779 ZNF30|V9GYJ2 TFAP2B|Q92481
 34780 RCHY1|D6RAF6 SLC7A4|C9JM63
 34781 TMOD3|Q9NYL9 TMEM9|Q9P0T7
 34782 SLC2A8|Q5VVV9 ASAH1|B1B5Q2
 34783 HLA-DQB1|N1JVU8 PPP1R13L|A0A024R0Q5
 34784 TARSL2|B7ZLP8 PCDHAC1|Q9H158
 34785 XK|P51811 ALDH3A2|J3KTG1
 34786 HLA-A|F6IQV6 USP17L13|C9JLJ4
 34787 DEPDC4|A0A024RBI9 CD7|Q29VG3
 34788 ND4|A0A059RTL2 BCAP31|C9JMD7
 34789 NBC|Q9Y6R3 HLA-C|U5YEX4
 34790 ATP6|B2KLZ5 CXorf40A|Q8TE69
 34791 ZNF430|M0QXG3 LDHC|F5GZ11
 34792 STP|A7VJC9 ADH5|P11766
 34793 RPL31|B7Z4C8 NFE2L3|Q9Y4A8
 34794 CYTB|C8XX76 PIGW|Q7Z7B1
 34795 PPP1R37|O75864 CHEK2|B7ZBF2
 34796 PMS2|A5YRY4 DPYSL5|Q9BPU6
 34797 CYTB|S5RM01 HOXC13|Q6LAM3
 34798 COX1|R9Y6E5 HLA-DPB1|A0A0A7C5I7
 34799 HLA-DPB1|A0A0A1TSH5 STK32B|Q9NY57
 34800 FHL2|J3KNW4 NMNAT2|Q9BZQ4
 34801 ATP6|H9SH14 PPP1R14D|E9PAT1
 34802 ND1|A0A097Q7J7 TLR4|K9MUK7
 34803 PLEKHB1|A0A024R5H9 RHCE|K0A0R6
 34804 COX2|G4W3M6 PFKFB4|C9K0D8
 34805 IKZF2|B4DWF2 DKFZp686F1754|Q6MZH6
 34806 ATP5A1|K7EK77 RAET-1E|I4EPL7
 34807 HLA-A|I2B2Z9 ND4|F1B6B7
 34808 MYH9|Q86XU5 IGF2|E3UN46
 34809 HLA-A*03|Q9UEX6 SRPRB|Q9Y5M8
 34810 SLC19A3|Q9BZV2 ND4|A0A075CA14
 34811 ChGn|B3KNW4 cytb|B2XI26
 34812 PPARGC1A|A0A024R9Q9 HLA-C|E5DCP7
 34813 FKBP8|Q14318 TDRKH|Q5SZR4
 34814 COX1|A0A059QDH5 FZD2|Q14332
 34815 MICU1|S4R3W3 FBX018|Q2TAK1
 34816 SLC27A1|M0QXY2 GC|D6RF20

34817 MSX1|E9KY02 CENPC|H0Y8J2
 34818 ZMYM6|X6RCN5 CIB2|H0YLY3
 34819 HLA-C|C0KJZ4 DYNC2LI1|Q8TCX1
 34820 STX5|E9PNU4 TESK2|Q96S53
 34821 ND5|A6YVZ7 CYTB|Q4F0J1
 34822 DARC|A0A059T9N9 PPP2R5E|Q562F2
 34823 MRPL51|A0A0B4J2C1 HLA-B|A0A0A7C868
 34824 Hosa(Japanese)-T2R49|Q50KF3 PPIG|Q2NKQ6
 34825 ZMYM1|Q5SVZ6 MYB|E9PQQ2
 34826 HMGCLL1|B7Z212 ND5|F2WJ65
 34827 PARVA|Q9NVD7 ASGR1|P07306
 34828 ATXN3|D3VVN1 RHBDD3|B0QYJ2
 34829 ND5|Q4EWF0 ND2|F1AKU9
 34830 OR10H4|Q8NGA5 CLTCL1|A0A087WX41
 34831 RS1|O15537 COPZ1|F8VYZ4
 34832 HLA-C|D7NP42 TYMP|P19971
 34833 LOC92270|A0A024RAQ7 HLA-A|Q9TQG9
 34834 TRPT1|A0A024R5C2 ADAM8|H0YMT6
 34835 SSX6|Q7RTT6 FRY|Q5TBA9
 34836 CYTB|H9RXW3 LDHAL6A|A0A087WUM2
 34837 HLA-C|A8YQF3 SCN8A|Q6B4S3
 34838 IL13|P35225 HLA-A|Q0GC70
 34839 ND1|D6R6F2 FUT1|A0A076G425
 34840 ATP8|C8YAC0 HNRPF|A0A024R7T3
 34841 FOXE3|A0A0B5J149 APOE|H0Y7L5
 34842 STAC|Q99469 COX1|U5YWV7
 34843 COX-2|Q6ZYK7 HMBS|P08397
 34844 SOGA2|Q9Y4B5 ND3|A0A059RUV4
 34845 MAP3K2|A0A024RAH0 ZFX|B7ZKJ5
 34846 IMPDH1|H7C511 THRA|J3KTF3
 34847 NFYC|E9PI99 BSCL2|Q96G97
 34848 PIM1|P11309 HLA-C|C8CHB4
 34849 SLC38A4|Q969I6 ND4|H9REP0
 34850 CYP27A1|Q02318 GPR78|B2R7M4
 34851 NADH4|B1W861 SYVN1|Q86TM6
 34852 DOCK2|E7ERW7 DAZAP1|K7EQ55
 34853 RGPD3|A6NKT7 ACTN1|A0A024R694
 34854 TXNRD1|E9PRI8 RARRES3|Q9UL19
 34855 DBF4|B7Z8C6 ND2|A0A068BZL1
 34856 SAMHD1|Q9Y3Z3 TIMP1|P01033
 34857 MC1R|V9QC17 GSTM1|H3BRM6
 34858 KEL|P23276 KPG_011|Q5KU17
 34859 HLA-C|E3SWM5 CYTB|Q2HK97
 34860 RPH3AL|I3NI49 AR|D3YPP9
 34861 MMP2|P08253 KIF6|B7ZKX5
 34862 RSF1|H0YDG9 CASP3|P42574
 34863 HLA-C|D3U733 COX2|A0A097PWR7
 34864 NUTF2|H3BRV9 MRPS15|D3DPS9
 34865 SET|A0A0C4DFV9 CYTB|A0A068BT32
 34866 KEL|Q0KH93 RNP24|Q6FHT8
 34867 HTRA1|Q05DJ8 STK25|C9JJV0
 34868 MATN2|A0A024R9H1 ESR1|C9E0E9
 34869 cytb|B2XNG6 RIMS2|D6RA03
 34870 KDM2B|F6SRV7 HLA-A|D7NQ73
 34871 LCMT2|O60294 SSB|B5BUB5
 34872 BTDC|C9JSN9 HLA-C|H9BYV3
 34873 HMGNI1|F2Z2Y5 DKFZp564J1082|Q9UG62
 34874 P2RY4|C6G7W3 BLVRB|P30043
 34875 DAZ2|E7ENA6 THPO|Q5FBX8
 34876 ND5|A8JMW8 TRIM71|Q2Q1W2
 34877 PTPRR|F8VVE9 PRDX4|H7C3T4
 34878 HELB|F5H1I4 RHCE|J9ZZ28
 34879 ZNF638|C9JMR2 HNRNPH1|H0YB39
 34880 POMT1|Q5JT03 HLA-B|D7NSR4
 34881 CRMP1|Q96I11 MBNL2|Q5VZF2
 34882 ND2|B0Z714 GOLGA2|Q08379
 34883 RUNX2|Q32MY8 ATP2A1|H3BTF1
 34884 ZNT4|Q96JT7 HLA-C|G0WVC9

34885 FOXB1|Q99853 SRPK2|A0A024R704
 34886 ZFAT|Q6PJQ2 HLA-DRB5|A0A024F8R0
 34887 SLC14A1|G3K397 RND2|P52198
 34888 PERB11.1|Q99696 HLA-C|V5LKX4
 34889 SUFU|Q9UMX1 ATP8|A6Z2R5
 34890 COMT|H7BZ45 UNC5D|E9PDS8
 34891 XRN2|Q9H0D6 POLR3D|E7EQ68
 34892 LALBA|F8VWU1 hCG_20684|D3DXD9
 34893 HLA-A|F8RHC4 PAIP1|D6RJF2
 34894 MDM2|E7EMW5 ZKSCAN1|P17029
 34895 SNX12|A0A087X0R6 CIRBP|K7EIF7
 34896 hCG_1811773|A0A024R6R5 ND5|B4YCD8
 34897 ZNF778|A0A0A0MSW5 ORC6|H3BTQ7
 34898 VASP|P50552 ZSCAN5C|A6NGD5
 34899 SPOCK2|A0A024QZQ5 MMP11|H7C3I7
 34900 MMP3|E9PKX2 IQGAP2|F5H7S7
 34901 ATP6|A3FPA1 HLA-C|Q30203
 34902 TRPT1|A0A024R5C2 USP43|V9GZ20
 34903 LOC136242|B7ZMK3 ND3|A0A059QER5
 34904 ND5|H9M4T1 C11orf73|Q53FT3
 34905 APOLD1|A0AVN6 DKFZp434P102|Q69YW4
 34906 DRD3|P35462 C4B|P0C0L5
 34907 ASF1B|Q9NVP2 NKX2-5|A1ECB8
 34908 HLA-C|V5LL10 PROSER2|Q86WR7
 34909 SNRNP27|Q8WVK2 GPR22|Q99680
 34910 ATP6|A0S2V8 MCM5|B1AHB0
 34911 RPN2|H0Y5M1 NR1C3|B6ZGS2
 34912 ND5|H9LRM7 CYTB|H9QE13
 34913 NEU1|Q6IBT5 NUDT9|D6RAW2
 34914 CYTB|A0A059RII2 DOCK6|Q96HP0
 34915 GALNT8|Q68VJ3 EIF2B1|H0YGG4
 34916 ND5|E5E135 DNAH8|Q96JB1
 34917 RABGGTA|H0YKP6 SYCP3|Q8IZU3
 34918 HLA-B|F4YTF9 ATP9B|O43861
 34919 ND4|Q5XRD0 NXF5|Q9H1B4
 34920 HLA-C|J7K6P8 FBX042|Q6P3S6
 34921 HLA-C|D6MLD2 ND2|A6ZH05
 34922 RHCE|A0A0A8WG26 RHD|Q6KC49
 34923 PRDM9|D2KI86 FPRL1|A0A024R4P3
 34924 LINGO1|Q96FE5 EIF4B|F8VSC7
 34925 TPH1|B3VRX5 VEGFA|H0YBZ0
 34926 CREBBP|B5A222 AK9|E9PPM3
 34927 GZMA|P12544 HDDC3|Q8N4P3
 34928 ZNF383|K7ELW4 GRAP2|O75791
 34929 B4GALNT1|A0A024RB50 BMP10|O95393
 34930 TINAGL1|Q9GZM7 ZNF326|E2QRN4
 34931 KRTAP4-11|Q9BYQ6 ND1|H9MYH0
 34932 HLA-B|E3SWJ3 CST4|P01036
 34933 NKTR|P30414 ENKD1|Q9H0I2
 34934 ARSH|Q5FYA8 FKBP11|H0YHM7
 34935 CCBL2|Q6YP21 ELTD1|Q9HBW9
 34936 MTNR1A|Q8WZ72 KLF9|A0A024R260
 34937 SLC4A5|Q53QY5 METRN|Q9UJH8
 34938 ND5|Q85KU7 GGA3|J3KSS7
 34939 NCF1C|A8MVU1 FY|Q3LST0
 34940 HLA-C|K4RH57 CYTB|A6Z6A5
 34941 ZBTB5|Q5T942 HLA-B|M1GMK8
 34942 DNAJB13|H0YFX2 LOC340268|A4D112
 34943 ND1|A0A059QDA5 ABHD5|C9JBM3
 34944 ATAD5|Q96QE3 LRP1B|H0Y7T7
 34945 GABRA2|H0Y9V8 c-fgr|P78453
 34946 NTRK2|Q16620 ZNF775|Q96BV0
 34947 ESR1|Q9H2M2 ZNF675|M0R1X5
 34948 NPIPA7|E9PJI5 FAM3C|Q92520
 34949 GCSAM|Q8N6F7 USP28|F5GZ74
 34950 MPP2|Q14168 SEL1L|Q9UBV2
 34951 MYL6|P60660 ENTPD8|Q5MY95
 34952 PREB|Q9HCU5 PARP6|H3BQK2

34953 BBS1|Q8NFJ9 CYTB|L7NVT0
 34954 AQP7|O14520 SEC61A1|C9JXC6
 34955 FHIT|Q71VB2 PPARG|E9PFJ1
 34956 DDX11|F5GYR1 RPS3A|Q6NRR8
 34957 MEIS1|O00470 KLRF2|D3W0D1
 34958 CYTB|A0A097Q169 EPHX4|Q8IUS5
 34959 HLA-C|D6ML84 SLC15A5|A6NIM6
 34960 HLA-A|R4QGE9 SEC14L3|H7C1Y0
 34961 cytb|Q85KW3 TSC2|H3BQK4
 34962 HLA-C|G1EQE9 SLC22A23|A1A5C7
 34963 HEL-S-124m|V9HW84 HLA-C|F6KRZ0
 34964 GCLC|A0A0C4DGB2 HLA-A|Q861A7
 34965 STX19|Q8N4C7 SPATA32|Q96LK8
 34966 c-bas/has|Q92468 RUNX1|X5C9T0
 34967 HLA-C|D5L9E5 ND2|U3LQM9
 34968 HLA-C|M9P8L7 CHEK1|E9PQW7
 34969 HLA-C|D7NP38 SIAH1|Q8IUQ4
 34970 NDRG1|E5RK17 IL1R2|C9JNR0
 34971 NPAT|Q14207 PLEKHA3|Q9HB20
 34972 DCAF6|Q58WW2 C2orf42|Q9NWW7
 34973 HLA-DRB1|M1UZ77 EPB41L3|J3QR33
 34974 ANGPT4|Q9Y264 RHD|D2CRH0
 34975 HLA-A|E1Y7G0 CARD15|A7J384
 34976 CCR1|P32246 ANAPC4|D6RFM7
 34977 ATP6|A0A023QYE6 HLA-DQB1|F8LFZ3
 34978 ATP6|E2DG83 GNAS|P63092
 34979 PLTP|P55058 ASZ1|Q8WWH4
 34980 OTUB1|F5GYN4 SHISA2|Q6UWI4
 34981 ATP8|A6YYT8 SULF1|Q6NUJ9
 34982 DAZL|Q92904 HLA-C|H9C5I1
 34983 PLEKHG2|C9J7S4 HLA-DQB1|A0A0A7C928
 34984 ANXA6|E5RJF5 ACTN1|A1L0V1
 34985 VANG1|Q9ULK5 PHF21A|H0YEK2
 34986 AHS1|H0YJU2 EPHB1|C9J6S4
 34987 BRCA1|K4JXS7 IL1RAP|H7C3W4
 34988 TGFBI3|Q6TV14 HLA-C|D7NPC2
 34989 HLA-C|V5NW17 CABL1|A7K6Y5
 34990 EMC2|Q15006 MARK2|A0A024R555
 34991 NUP85|Q9BW27 STAT3|K7EP08
 34992 EIF3L|Q7Z5X3 RAB40A|Q8WXH6
 34993 ITGB7|H3BRM2 ND2|A0A023I9B6
 34994 HLA-C|A0A0A7C6D6 CREM|A0A0A0MSU8
 34995 PADI4|Q6EVJ4 ND5|B7ZJ75
 34996 GRB10|H7C3B9 WT1|H0Y7K5
 34997 PIPOX|Q9P0Z9 CLUL1|Q15846
 34998 HLA-C|C9E859 HLA-A|Q5SRN5
 34999 HLA-B|G1EMM0 MAP4K2|F2Z2B3
 35000 AKR1C3|A0A0A0MSS8 SLC01B1|K4P403
 35001 ATP6|Q0Z7R3 HLA-C|D0R0G1
 35002 COI|Q4GR21 TBCA|O75347
 35003 CYP2D6|D5KM02 ABCA7|A0A087WUR5
 35004 NCAPD3|E9PR72 ZNF169|Q7Z761
 35005 ABHD12|I3L440 TSC22D2|O75157
 35006 ECT2|C9JDV9 MCM6|Q4ZG57
 35007 CCL4L1|Q8NHW4 PRDX4|A6NJJ0
 35008 ERCC1|A0A024R0Q6 HLA-DPB1|I4EC15
 35009 BCS1L|H7C492 BRDT|Q58F21
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 35011 SMARCE1|J3KT85 H2AFY2|A0A024QZP6
 35012 ARID2|Q68CP9 COX3|K9MXE4
 35013 DUSP27|Q5VZP5 MCM7|P33993
 35014 DNAJC16|Q5TDG9 NHLH2|Q02577
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 35017 NAP1L1|B7Z9C2 DTX3|A0A0C4DGI8
 35018 CNTNAP2|Q75MA1 HLA-C|M9P9I2
 35019 HLA-C|V5NVP3 ND5|V9JLL5
 35020 HLA-C|Q8SNC7 GPRC5C|Q9NQ84

35021 INCA1|Q0VD86 HLA-DQB1|U5IQG0
 35022 SCAMP2|Q6IBK3 MTNR1A|Q8WZ72
 35023 ARHGAP27|Q6ZUM4 CAMK1|H7C071
 35024 HLA-B|B3V8R0 A4GALT|S6CRD2
 35025 XPC|D9I4E1 HLA-A|Q5FYV2
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 35027 ATP8|A0S9D7 RHD|O75836
 35028 sm-M20|E1CKY7 HLA-DR15|G1EMW1
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 35030 MBD6|A0A024RBA3 HLA-DPB1|A0A0A7C709
 35031 cytb|A0A0A7DRR5 ND2|A0A023Q694
 35032 HLA-DPA1|Q29ZN1 PAAF1|Q9BRP4
 35033 IFNB1|P01574 KIF1A|G1UI30
 35034 NNMT|Q6FH49 HEMGN|A0A024R162
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 35038 ITGA6|P23229 TNNT13K|H0YDG1
 35039 GNG2|G3V2C9 HLA-B|M9P990
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 35041 ORC6|Q9Y5N6 COMMD7|Q86VX2
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 35043 HBE1|D9YZU7 OR51F2|Q8NH61
 35044 C15orf24|A0A024R9K7 COMMD1|Q8N668
 35045 HLA-B|C9WEN6 CLDN17|P56750
 35046 TAZ|A0A087WWD5 PHACTR1|Q4VY13
 35047 UGT8|D6RFW2 PRSS16|B4DZV2
 35048 FLNB|A0A024R321 HLA-A|Q8HWS5
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 35050 ZKSCAN5|Q8N718 HLA-A|D5H3W3
 35051 NFIB|A0A0A0MRX8 HTR1B|X5D7I5
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 35062 BMPER|A0A090N7U6 TRIM64B|A6NI03
 35063 XPC|D2CPK7 ACSF3|F5H362
 35064 NNT|H0Y8P5 ITPKC|Q96DU7
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 35066 GALNT10|Q86SR1 HLA-C|E0WBQ1
 35067 HLA-DQB2|H0Y7Y7 ND3|Q8WCW0
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 35080 HLA-A|A7DZQ5 NACA|Q13765
 35081 ND3|B7TCU3 SPR|Q9UEC5
 35082 TBCD|I3L1S3 SAE1|M0R286
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 35085 AKT1|A0A087WY56 COX3|H9Q2D8
 35086 CYTB|R9Y4P5 PIM2|A0A024QYW7
 35087 ND5|U3M3X4 ROR1|A0A0A0MTJ5
 35088 SIRT6|M0R1N9 DKFZp779K1237|Q68DL0

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35090	PDXK F2Z2Y4	BMS1 Q14692
35091	MMAB Q96EY8	GALNS H3BP66
35092	CYP4X1 Q8N118	ABCE1 P61221
35093	HLA-C G1EQF1	RBP5 P82980
35094	SLC15A5 A6NIM6	SLC7A8 E9PIC3
35095	SEC14L3 Q9UDX4	FYTDD1 H9KVD1
35096	ZFP1 Q29RW8	RAVER1 Q8IY67
35097	HLA-C H9BYV3	DHX15 O43143
35098	CYTB H9Q657	CPEB1 A0A024R214
35099	ATP6 Q7YED2	CTNNA2 C9J144
35100	TUBD1 K7EMW6	AGBL4 F8VWL7
35101	IRF9 Q00978	TRIO E7EWP2
35102	MC1R V9QC17	HNF1A E0YMI7
35103	GUK1 Q6IBG8	PDLIM4 P50479
35104	HLA-A I2B303	ATXN3 D3VVN7
35105	HLA-DQA1 Q5Y7A8	ACLY A0A024R1T9
35106	ND5 A6Z5B5	TSC2 X5D7Q2
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35108	UGT1A1 W6JHY2	VNN3 Q9NY84
35109	HLA-B C9E854	HEL97 V9HWJ9
35110	UTY F4MH65	PIWIL1 F5GYG0
35111	HLA-C M9P9K7	STK24 Q6P0Y1
35112	FLT3 E7ER61	TFF3 Q07654
35113	AQP1 P29972	COX4I1 H3BPG0
35114	STK11 Q15831	DHDDS E9PI09
35115	TXLNB H7BY59	COX3 H9SN86
35116	ND5 A0A059QPB1	COX3 F2WFE8
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35121	HPCA P84074	DKFZp686A17191 Q63HL8
35122	SLC4A2 C9J722	TDG Q3SX60
35123	LONP1 B4DPX0	ACPP A0PJ86
35124	NADH4 B1W861	EIF4A2 E7EMV8
35125	ATP6 G9LLD6	MGMT P16455
35126	COX3 I3Q1J6	GPS1 C9JFE4
35127	LRRC10 Q5BKY1	CYP2D6 Q38LG0
35128	SLPI P03973	FOXP1 E9PFD3
35129	TARBP2 F8VZ57	OR4A47 Q6IF82
35130	DKFZp781P1796 Q68CS2	ARHGEF7 E9PDQ5
35131	ND2 A6ZHD2	RSF1 H0YEX0
35132	HLA-C Q9UQT2	DUSP13 U3KQ82
35133	C10orf28 Q96GU0	SYCE2 Q6PIF2
35134	RAP1B F5H077	AP3M2 E5RI83
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35136	RNF170 Q96K19	BAP1 Q92560
35137	CNPY1 Q3B7I2	ATP6 H9P4K8
35138	DEFA4 P12838	SCN8A Q9P2Q6
35139	PRKRIP1 Q9H875	ATXN3 D3VVF8
35140	HLA-C C0KJV9	SEMG1 Q6Y808
35141	HTR3B B3VRN0	GALNTL6 Q49A17
35142	cd21 O15181	RAD54L2 H0Y760
35143	ATP7B F5H562	HLA-A O19558
35144	RDH8 Q9NYR8	VWA1 Q6PCB0
35145	ATP8 Q94P44	C15orf60 Q7Z4M0
35146	SSX2IP Q9Y2D8	HLA-DQB1 U3PYN7
35147	BIRC2 E9PIW1	HLA-DR15 G1EMY3
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35149	ACHE F8WD68	BRUNOL6 B3KWE6
35150	HLA-DQB1 I4EPK7	CRYGA Q24JT5
35151	RBFOX2 B0QYY7	ATP2B4 A7E2D8
35152	ZMYND15 Q9H091	CIAPIN1 H3BT65
35153	MICA E7BBQ2	PIGB H3BNW7
35154	CRYZL1 C9JQD0	RELA E9PNV4
35155	ND5 Q7YCE8	ATP8B2 P98198
35156	FOX2 Q5VYV0	MTRR H0Y9D5

35157	ND2 H6WHL7	ND5 C9D515
35158	PYROXD1 Q8WU10	NAP1L4 E9PNW0
35159	CYTB D7NUG4	SYNE1 E7ENN3
35160	FARP1 M0QYB0	SLBP B3KSC5
35161	GPR85 C9JBQ9	ND5 B2ZHA4
35162	HLA-DPB1 A0A0A7C5S5	HLA-A G0X8R3
35163	COX7A2 D6RGV5	HLA-C G1EQ68
35164	F5 C8C1T1	GGT6 J3KPJ0
35165	KIR3DS1 Q14943	CLEC4A Q9UMR7
35166	ND1 L7XV77	ND1 A0A075X6R1
35167	GAS2L2 A0A075B7B7	MICAL3 C9J922
35168	DEC1 Q9P2X7	RPS6KA3 B1AXG2
35169	ND4L H9E7I8	COX3 A0A023QKT8
35170	TUBGCP5 Q96RT8	FADS3 Q9Y5Q0
35171	HLA-B E2D5N8	SS18 Q4VAX2
35172	CTNNA1 E5RIE0	CCR5 Q5KSY4
35173	CYLD A0A024R6T1	PLB1 H7BYX7
35174	XRCC6BP1 Q8N4L5	EDC3 Q96F86
35175	USP42 E7EWZ4	COG1 J3QLT5
35176	CHRNA5 H0YK34	COX1 A0A023QYP8
35177	GPR135 Q8IZ08	HLA-B F4YTF9
35178	ACSM2A I3L339	ARNT2 X5DP40
35179	SRSF2 J3KP15	ARFGAP2 E9PM63
35180	SSR1 P43307	GNPTG Q9UJJ9
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35182	ND6 U3L5W2	ZNF850 A0A087X0M6
35183	ZNF331 Q71QC6	DDR1 Q08345
35184	COX2 V9JPM6	CRBN A0A024R2H8
35185	ATP6 B2XKM6	ESRRG C9JU32
35186	RHD Q96KU1	BAIAP2 I3L0M4
35187	C1orf94 Q6P1W5	LARP7 D6RAF3
35188	MSX1 E9KXU3	GUCY1B3 Q02153
35189	HLA-A P04439	PGM3 H0Y8I3
35190	NTRK3 X5DNW6	C7orf24 A0A090N7V5
35191	PHRF1 E9PJ24	GNB5 A0A024R5R9
35192	TCTN3 Q6NUS6	HLA-C A0A0A7C608
35193	HLA-A M1FYE3	TMPRSS11F Q6ZWK6
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35195	SLMAP B7Z964	TMBIM6 F8VVJ4
35196	cytb B2XLB7	HBB Q6J1Z7
35197	SOCS1 Q4JHT5	GLS2 E5G743
35198	ITLN2 Q8WUW7	TSSK1B Q9BXA7
35199	SLC25A3 A0A024RBE8	HHATL Q9HCP6
35200	BICD1 F8W056	C2CD4B A6NLJ0
35201	MRPL20 Q9BYC9	USP33 E9PQP0
35202	MS4A1 A0A024R507	hCG_1993905 A0A024QZB4
35203	CYTB E5QA75	HLA-C A0A0A7C527
35204	TMEM173 Q86WV6	NFATC3 B5B2S4
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35206	CAMK2N1 Q7Z7J9	CXCL1 P09341
35207	ATP6 X5CIF1	FZD10 Q6NSL8
35208	COX3 Q5XZK9	VPS16 A1A4H0
35209	HLA-A G1EPH4	DMD E7EQS5
35210	NRXN2 P58401	GALNT13 Q68VJ0
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35213	ND1 C5MM18	BSCL2 F8W7Q8
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35215	ATP6 V9NAZ0	GRIP1 F5H424
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35217	F8 Q003V3	ND5 A0A023I885
35218	GPR180 Q86V85	GALK2 H0YND3
35219	RPS3A H0Y8L7	BMP4 P12644
35220	SLC13A1 F5GYP1	SPG11 Q96JI7
35221	HLA-B D3U415	EIF1AD E9PS30
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35223	ND5 V5L835	THRSP Q92748
35224	ZFP69 Q49AA0	DCN F8VU58

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35226	VIL1 B4DV78	TDRD6 O60522
35227	ASTN2 O75129	NFKB2 M0R119
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35233	KLHL13 Q9P2N7	DSCC1 Q9BVC3
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35236	IMPA1 E5RIF4	CYB561A3 F5H240
35237	TAF6 C9J7C4	HLA-A D6ML63
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35240	HLA-DQA1 S6E000	GPX1 P07203
35241	NKRF A2I829	CYP26B1 E7ER08
35242	ADRA2C P18825	DNAJC10 E7EP04
35243	ZNF257 M0QXX9	ENY2 A0A024R9D9
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35249	BEX2 Q9BXY8	SFRS11 Q6PKC9
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35253	ZBTB5 O15062	EIF4B F8VRU1
35254	FM05 A0A024QYY6	HLA-C D3JV31
35255	CEP83 A0A0A0MS84	COX3 A0A059RS90
35256	COX3 A4ZLD6	CCNDBP1 H3BR23
35257	CHN2 B3VCF6	CCAR2 Q8N163
35258	WASH A9QQ16	DUSP3 P51452
35259	UTY F4MH73	ZSCAN32 B4DR24
35260	MAPK14 A0A024RD15	MAP9 A2VCS9
35261	AR D3YPQ3	UNC5B Q8IZJ1
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35263	HLA-C D7NP38	TCEAL6 A0A024RCH0
35264	GMFG M0QX47	GANC Q2M2A3
35265	WDR35 Q9P2L0	PARP16 A0A024R5Y7
35266	AKAP6 B2RP22	TNFAIP3 D3TTY5
35267	CTNNA2 B9A010	ATP6 Q27GX8
35268	ATP1A1 Q13818	KCNJ10 Q9BXC5
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35271	SPOP O43791	STAT5A Q8WWS9
35272	ND5 B7U6Z8	ND2 G5D861
35273	DOCK4 Q149N5	CCR5 Q5QIP0
35274	GRID2 Q4W5F4	HLA-C F6KRW8
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35279	CIRBP D6W5Y5	HLA-C M9P9J8
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35282	AKAP12 Q6NSG9	HLA-DPB1 A0A0A7C9Q3
35283	HEL25 V9HWG0	EPHB6 A0A087WTE3
35284	ERCC4 Q92889	HECTD4 J3KPF0
35285	BMP1 Q3MIM8	AMIGO2 A0A024R127
35286	MSX1 E9KY10	NDUFS3 O75489
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35290	RND2 P52198	PARP10 E9PSE7
35291	OR8U1 Q8NH10	ATP1B1 A3KLL5
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 35307 ND2|A0A059QQ67 HLA-Cw|Q2I7H5
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 35313 SLC22A5|O76082 FHOD3|K7ER94
 35314 ND1|U3LD19 MATR3|H0Y8T4
 35315 FOXJ1|Q92949 EEA1|Q05D76
 35316 TVP23A|A6NH52 HLA-C|A0A0A7C5P9
 35317 SYT-SSX2|A4PIV9 HLA-C|G1EMU4
 35318 ANTXR1/NGG1|Q508I5 ACSM3|H3BUF2
 35319 HDM2|I6T2T4 CTRB1|P17538
 35320 RELL2|Q8NC24 HNF4A|P41235
 35321 ND3|A0A059QG38 RNASE7|Q9H1E1
 35322 SPG7|Q9UQ90 ZMYND8|A0A087WVZ6
 35323 SKAP1|Q86WV1 UBE3B|B9EK57
 35324 ND1|A6ZC19 ALDH3A1|P30838
 35325 ADSL|A0A096LNY4 TIMM9|Q9Y5J7
 35326 PAH|F8W0A0 LTBP3|B9EG76
 35327 HLA-DPB1|A0A0A7C9E5 HLA-DQB1|U3PYN4
 35328 BBS2|H3BNS7 CYFIP1|Q7L576
 35329 HLA-C|D7NQZ0 POLQ|A0A087WXL3
 35330 ZNF607|K7EN48 OVOL1|Q86XL8
 35331 HLA-B|D2DL03 ND4|A0A059RH27
 35332 SLC35A3|E9PPQ9 GNAI1|O43383
 35333 ATXN3|D3VVC6 BAZ2B|A0A0A0MR97
 35334 COX2|K7X9X2 HPS1|Q92902
 35335 PITX3|A0A0B5HFC8 RNF4|D6RA71
 35336 MGAT4B|H0YC79 CFLAR|C9JSU3
 35337 HEL-S-22|V9HWE9 RAD51L3|Q7Z790
 35338 ATP5EP2|Q5VTU8 GLT6D1|Q7Z4J2
 35339 CHRAC1|Q9NRG0 PLA2G4F|A5PKZ7
 35340 FAM9C|Q8IZT9 CALB1|E5RIZ8
 35341 UTY|E1NZ79 COX1|Q4F198
 35342 COX1|C7SJD6 HLA-B|T1R3C6
 35343 DCLK1|Q5VZY9 HLA-A|B6E242
 35344 ENOX2|B1AKF7 ND1|H9SQ95
 35345 RAB7A|P51149 RACGAP1|A0A024R136
 35346 ND1|A0A0A1EKI0 PGM5|Q15124
 35347 CYP4F3|V9GYA1 PROC1|Q8IXB5
 35348 B2M|P61769 COX3|A0A059RRZ0
 35349 FOXF1|Q12946 NES|D3DVC4
 35350 ABCC6|O95255 TLR4|K9MT22
 35351 ND5|Q6RMK4 MRPL53|Q96EL3
 35352 VEGFC|Q6FH59 OSBP|P22059
 35353 ND5|B8X5Y9 DKFZp686J10186|Q68DS8
 35354 PPARG|P37231 SEPT11|D6RGI3
 35355 CCHCR1|Q2TB68 LZTS2|Q9BRK4
 35356 HLA-DRB1|A0A0A7C4N2 TMEM158|Q8WZ71
 35357 SPRY3|O43610 CS|F8VTT8
 35358 GTF2IRD2B|Q6EKJ0 FARP1|H0Y783
 35359 TRIM15|A0A087X199 PRPSAP2|C9K0K7
 35360 STX16|H0YEW0 HLA-C|M9P9J8

35361	ATP6 G4VZM4	HCR A9XAC5
35362	ND2 Q7GMR7	SRSF7 C9JAB2
35363	ND2 H6WJ42	PDPR A8MT40
35364	EPHB2 Q4LE53	ORC2 C9JK08
35365	ARL5B Q96KC2	PPIL6 B4DEK6
35366	MED30 Q96HR3	COX1 A6YU66
35367	NACA E9PAV3	RALGAPA1 H0YJ04
35368	SYT17 H3BMD4	SAMD11 I7F478
35369	HLA-C Q6T614	CYLC1 P35663
35370	atp6 T2HJH9	ND6 Q6VII9
35371	SERGEF E9PS70	NOTCH4 Q6P3V5
35372	DVL1 A0A087WWA7	C19orf68 A0A087WWL5
35373	GAPVD1 B0QZ65	LGALS9 O00182
35374	HLA-A D5FHQ8	HLA-A E1B2D6
35375	HSPG2 A0A024RAB6	TRPM7 A0A0C4DGL2
35376	ND5 A4ZMH6	GABRA5 G3V408
35377	RNF14 D6R988	ERAP1 A0A0A7E7T3
35378	HEL-S-92n V9HWP0	CIR1 Q86X95
35379	NEDD8-MDP1 E9PL57	SLC26A5 P58743
35380	COX3 L7XE42	HLA-C G3D6D1
35381	CCL28 Q9NRJ3	HLA-G Q68YS3
35382	SIGIRR E9PLG6	PXN Q9BTK0
35383	MRPL27 D6RAN8	DDX11 F5GYY1
35384	NEUROD2 Q15784	APRT H3BQB1
35385	NCALD E5RIG4	ZNF570 K7EMF5
35386	WARS G3V227	PLB1 H7C012
35387	ZNF43 P17038	GPC2 Q8N158
35388	ATP6 C8Y007	TMEM43 Q9BTV4
35389	CPSF6 Q16630	SLC3A1 B8ZZK1
35390	MRPS17 Q96Q59	HLA-F Q6DU28
35391	HLA-A F8R8I3	EPB41L4B Q9NX84
35392	PGK1 P00558	TRIP11 Q15643
35393	hCG_27698 A0A024RAS3	IGFBP6 F8VYK9
35394	KEL Q0KH86	OAZ3 Q9UMX2
35395	CYTB E9K902	PLPP2 K7ENH4
35396	AJUBA Q96IF1	PLGRKT Q9HBL7
35397	ND6 B0Z776	MEOX2 P50222
35398	GPS1 J3QS84	ITIH1 P19827
35399	ND5 Q8WCX8	HEL-S-270 V9HW65
35400	SLC30A7 H0Y362	IGLL1 P15814
35401	TRPC4 Q3KR50	SLC14A1 A0A068W8S0
35402	BRSK1 K7EN26	CYP2D6 D5KMZ1
35403	SLC01B1 K4P403	HLA-C D6C6E4
35404	DKFZp686L20222 Q5H9N4	ENTPD8 H7C5J8
35405	TGFB1 A0A078BCJ0	ATP6AP1 A6QRJ1
35406	HLA-C F2X642	ATP6 R4IA57
35407	DES P17661	HDAC3 E7EW19
35408	WFDC9 Q8NEX5	ND5 X5BWL7
35409	CAPN15 O75808	PRSS1 Q86W18
35410	HLA-C G3D6G8	PIAS2 K7EQX5
35411	CASP2 C9JRR9	CUL3 H7C399
35412	HLA-A F2VNI3	AP1G2 O75843
35413	COX3 Q5Y0G2	GMPR2 H0YN74
35414	NAA30 Q147X3	GGCX A7YA96
35415	ASAH1 B1B5T7	PHTF1 Q9UMS5
35416	PLCXD2 Q0VAA5	HABP2 Q14520
35417	FNTA H0YCW1	CYTB E0Y502
35418	TFAP2C A2A2R7	RTN4RL1 Q86UN2
35419	IGLC2 P0CG05	CTNND2 D6RC65
35420	MAPK8 B5BUB8	RPL32 P62910
35421	POTEF A5A3E0	CUL1 A0A090N7U0
35422	KCNJ5 H9A8L0	ND6 A1DUW2
35423	COX1 A7LFE0	HLA-A Q7YPW4
35424	ZNF726 E9PLI7	HLA-DQB1 V5N082
35425	KIR-K36 Q9UNC4	FARSLA Q6IBR2
35426	HLA-A D7GN24	ARAF P10398
35427	PPIL2 A0A024R1C1	IL34 J3QQT3
35428	ATP6 Q4EWN3	MTCH2 Q9Y6C9

35429 PSMC4|P43686 FLII|J3QLR6
 35430 SLC40A1|D7GLE3 IL32|F8W1V1
 35431 HLA-C|I6NXL9 CATSPER2|Q96P56
 35432 HLA-C|D0R0G1 TRIM68|E9PJJ9
 35433 CNDP2|J3QRD0 GTPBP8|Q8N3Z3
 35434 TNFSF12-TNFSF13|A0A0A6YY99 ADRB3|A8KAG8
 35435 ATP6B1|Q71UA2 HLA-A|E0WBX4
 35436 TLR9|D1CS62 LIMS1|D3DX71
 35437 MAN1B1|H0YI64 CABP4|A0A024R5K4
 35438 SCN3B|E9PJP6 COX1|A0A023QGP7
 35439 ND3|A0A059RK06 MMP17|F5H846
 35440 ZSCAN31|C9J6S7 ADH7|P40394
 35441 PCDHA4|Q9UN74 CHN1|C9J3V9
 35442 DKFZp779E2460|Q7Z670 FOXJ1|A0A024R8P1
 35443 KLK2|M0QXQ7 HSP90AB1|P08238
 35444 MYH10|P35580 CSRP3|A2TDB8
 35445 YIF1A|O95070 ATP6|H9MIG0
 35446 C10orf28|Q96GU0 OR10A4|Q9H209
 35447 AQP2|P41181 KCNQ5|Q9NR82
 35448 MAPK3|P27361 DNAAF2|Q9NVR5
 35449 ARNT2|X5DP40 ERAL1|J3QT61
 35450 ND1|C9D596 CYTB|D2Y6T0
 35451 ARHGEF10|O15013 NT5M|Q2I378
 35452 PRKCZ|D6RGG1 ATP8|G4W1I6
 35453 RPL28|H0YMF4 ND5|A0A096WF12
 35454 APEX1|P27695 HMGB4|Q8WW32
 35455 HLA-DPB1|Q8SND2 SLC6A2|A0A024R6T9
 35456 OSBPL2|H0Y7X4 HLA-A|Q8WMB6
 35457 TOP1MT|H0YAR3 RALGAP2|A0A087WYA8
 35458 HLA-DPB1|A0A0A7C8N5 CGA|P01215
 35459 ZNF155|A0A024R0N9 FANCC|B1ALR7
 35460 NFS1|Q9Y697 MBNL1|H7C4Y1
 35461 GPR152|Q8TDT2 HLA-DQB1|Q0VJC4
 35462 MRPL15|Q9P015 CYTB|H9QF01
 35463 GIT2|F8W822 ARFGAP2|E9PIY6
 35464 WASL|A4D0Y1 ABCA8|Q49AI9
 35465 HLA-DPB1|A0A0A7C916 KIAA0811|Q75QY0
 35466 UBR5|E7ET84 ZMAT2|Q96NC0
 35467 DLK1|Q969Y6 ZNF645|Q8N7E2
 35468 UBA5|C9J5W5 TIMM17B|V9GYU0
 35469 MRPS9|Q86WV4 HMGNA4|A0A024R046
 35470 CYTB|Q5SAF4 CEP55|D3DR37
 35471 RBBP7|Q16576 HLA-C|E3Q1I7
 35472 COX1|A0A059QN10 CGB1|A6NKQ9
 35473 METTL23|Q86XA0 USH1C|E9PNW1
 35474 DCTN4|Q9UJW0 hCG_1685807|A0A024R4S8
 35475 MARK2|F5H4F6 METTL13|Q8N6R0
 35476 PITRM1|A0A0A0MRX9 SNAP91|H0UI15
 35477 B4GALNT3|Q6L9W6 FLJ00340|Q6ZMK3
 35478 OSBPL5|Q9H0X9 CHURC1-FNTB|H0YIM9
 35479 ATXN3|D3VVT5 HLA-DQB1|A0A0A7C9H7
 35480 TMEM27|Q9HBJ8 TP53|Q0ZAK1
 35481 INTS4|Q96HW7 SLC1A3|E7EUV6
 35482 PPP6R1|Q9UPN7 SLC41A3|Q96GZ6
 35483 PSMB7|Q6IBT1 CPLX4|Q7Z7G2
 35484 CAPN1|E9PSA6 ZNF224|Q9NZL3
 35485 CCND3|A0A024RD48 SIX1|Q15475
 35486 SMAD2|Q15796 BRCA1|K4K7V3
 35487 SON|A0JLP4 PCNA|Q7Z6A2
 35488 PHF20L1|A0A0A0MQS0 HLA-C|D6MJI0
 35489 TCEA2|Q15560 TARDBP|A0A087WXQ5
 35490 LMNB1|P20700 CCT8|H7C2U0
 35491 ANKDD1A|Q6PI29 ATXN3|D3VVT0
 35492 ND1|F1KL7 ZNF707|E9PKX4
 35493 TTC28|A0A087WW06 CYP2F1|A0A075B795
 35494 MKRN1|Q9UHC7 PPM1N|Q8N819
 35495 KEL|U4PCV3 PRKD1|Q1KKQ2
 35496 RPS3A|D6RED7 FY|Q5Y7A2

35497 MRPL43|Q8N983 HLA-B|A0A0B7MH26
 35498 PCDHA9|Q9Y5H5 CSNK1A1|Q6PJ06
 35499 STIM1|E9PN27 CEP110|B2RP65
 35500 GOLGA3|A0A087WV43 CYTB|Q5S8P3
 35501 ESYT1|F8VZB1 ATAD5|A0A075B754
 35502 NLN|H0YAK4 T|O15178
 35503 CCR5|A0A089H978 IPO5|E7EX05
 35504 CDH2|C9J8J8 KCNE1|P15382
 35505 MSH2|V9H0B2 METTL24|Q5JXM2
 35506 SEMG1|Q6Y808 LRSAM1|A0A024R870
 35507 ATP8|Q5SAB0 ZNF843|H3BQN5
 35508 ERVW-1|Q9UQF0 NOLC1|Q14978
 35509 IFITM5|A6NNB3 SPATA24|Q86W54
 35510 WDR81|Q562E7 TSPAN16|Q9UKR8
 35511 ND5|I3Q043 DHRS9|Q9BPW9
 35512 CITED1|H7C2S6 MAP7D3|Q8IWC1
 35513 KRTAP10-5|P60370 CYP19A1|Q7Z471
 35514 BAIAP2L2|Q9H661 DARS|C9JLC1
 35515 ND1|A0A059RNK2 COX2|G9LAZ4
 35516 HLA-DR15|M9PAH0 HLA-C|V5LL35
 35517 DC-UbP|B2R886 ND1|A0A023QW57
 35518 AHCYL1|O43865 MDH1|P40925
 35519 FLJ00378|Q8NF24 INMT|A0A090N7V3
 35520 ND4|A0A059RXA6 COX1|A0A068BMI9
 35521 CYTB|Q6R112 DRG2|J3QKW7
 35522 ANGEL2|Q5VTE6 RNF4|P78317
 35523 HLA-C|G0X8S7 HLA-A|X5MBH2
 35524 ITGAD|Q13349 CCNG1|D6RD30
 35525 LRWD1|Q9UFC0 PNCK|Q6P2M8
 35526 LONRF2|B7ZKY9 TXK|D6R9F2
 35527 PLA2G4C|A0A024QZH0 CYTB|Q5SA37
 35528 ATP6|Q5S9N8 TEF|H0Y797
 35529 IL4|Q6NWP0 PTH2R|H7C0B0
 35530 RAD21L1|Q9H4I0 PURB|Q96QR8
 35531 LCE3E|Q5T5B0 DUOX2|S6BAQ9
 35532 SOD1|X5D3G4 KIF5B|Q66K46
 35533 HTATIP|A0A024R597 NGFRAP1|Q00994
 35534 GNG2|G3V415 MBNL3|Q9NUK0
 35535 HLA-C|D6MJH5 COX1|G3EBF7
 35536 DZANK1|Q9NVP4 VCAN|P13611
 35537 SIX2|Q8TBA2 CNOT6|Q9ULM6
 35538 ATP5A1|K7EQH4 HAL|Q2PH55
 35539 GCSAML|E9PRX8 C7orf16|A0A090N8N7
 35540 RAN|J3KQE5 P2RX3|A0A087X210
 35541 MAST2|A0JLR0 NCOR1|E7EW50
 35542 GBP1|P32455 ANKMY1|J3KQ21
 35543 DKFZp434K1772|Q9UFG7 PPARGC1B|Q86YN6
 35544 ATP6|A0A097Q1B9 ST1A5|Q1ET64
 35545 CYTB|C1IF78 POLH|Q9Y253
 35546 ADH5|P11766 S100A3|P33764
 35547 UGT1A7|Q9H3G1 ABCD4|O14678
 35548 ZNF444|Q8N0Y2 CYTB|A1DTL6
 35549 CHLR1|Q93000 OAS3|F8VS35
 35550 COLGALT1|Q8NB35 HEL-248|Q5URX0
 35551 ATP10D|Q6PEW3 CDK8|F5H6D4
 35552 TMEM64|Q6YI46 HLA-C|D7NP26
 35553 ADAT3|D6W601 GRM7|H7C3K2
 35554 ND2|A0A096Y8Q7 JAG2|Q9Y219
 35555 FARP1|H0Y783 TNIP3|Q96KP6
 35556 TRPM2|Q14DR2 FSHR|B6UV80
 35557 EXOC6|E7EW84 SLC39A6|K7EQ91
 35558 SHFM1|A0A096LP17 KIAA1549L|Q6ZVL6
 35559 SLC30A9|A0A024R9W8 SPP1|P10451
 35560 NADSYN1|A0A0B4J216 ND4|G5D804
 35561 HLA-A|F2VYI5 ZNF133|Q5JXV9
 35562 BPHL|A0A024QZY0 CYTB|A0A075X709
 35563 CTNNA1|E5RJP7 ZFAND3|Q9H8U3
 35564 HLA-A|G1EPB6 HLA-B|F8RHG4

35565 HLA-C|H6UV88 HELQ|E3W982
 35566 CARKD|B4DKX7 NFIB|Q5VW28
 35567 SLC33A1|H7C577 ATP6|U3LUU5
 35568 RPL18|J3QQ67 NADH4|B9ECU8
 35569 ACOX2|H7C4Y2 HLA-DPB1|A0A0A7C960
 35570 IST1|H3BQ38 COX3|G3CA52
 35571 SCYL1|E9PPN3 NAA20|P61599
 35572 STARD9|Q9P2P6 CCR5|A0A089G3J8
 35573 TSEN34|A9C4B9 OR4A16|Q8NH70
 35574 HLA-B|J7F577 ADO|Q96SZ5
 35575 SYCE1L|A8MT33 SERPINA11|Q86U17
 35576 KIF21A|A0A024R0V9 RARSL|H0UI22
 35577 ITGB1|Q5T3E4 TSPAN14|Q8NG11
 35578 HLA-C|A0A060GZE8 ND5|H9T617
 35579 DCAF17|H7C1H3 ADIRF|Q15847
 35580 CFI|P05156 SLC25A53|Q5H9E4
 35581 ZNF707|E9PP66 NADH1|Q4GHJ6
 35582 ND1|H9LKK7 CTNNA1|E5RHY5
 35583 RCHY1|Q96PM5 RPL36AL|Q969Q0
 35584 RNF41|Q9H4P4 LEPR|P48357
 35585 RCOR3|E9PQE5 AGRN|A0A087X208
 35586 AICDA|Q6QHI9 ZNF793|K7EQP3
 35587 PKP3|E9PK71 HLA-DPB1|A0A0A7C8A6
 35588 MSX1|E9KXW3 EPB41L1|A0A0C4DH22
 35589 DKFZp586B1621|Q9UFX5 SRCIN1|Q9C0H9
 35590 HLA-DPA1|Q29ZN2 AMPD1|Q6F4B5
 35591 LAMA3|B0YJ32 POLD1|A0A024R4F4
 35592 HLA-C|F2VNU3 DKFZp781N0293|Q5H9Q5
 35593 GAL3ST1|C9J2X7 STX17|P56962
 35594 UTY|F4MHM2 RAMP3|A4D2L1
 35595 APOBEC3G|Q9HC16 SORCS1|Q8WY21
 35596 SRY|Q7Z5C5 STX16|B7ZBM5
 35597 NDUFB2|O95178 PPDPF|Q9H3Y8
 35598 VIM|P08670 GNGT1|C9JGI9
 35599 NUDT2|P50583 HLA-G|O19809
 35600 HLA-A|I1U8N1 HLA-C|F1C3H0
 35601 CACNA1A|I3L391 NAP1L3|Q8IYV1
 35602 SCRNB3|C9JID8 RNF14|D6RBU3
 35603 DDX58|O95786 ND1|H9LMK9
 35604 HLA-A|E2GJF3 CYP21A2|E9M5C7
 35605 RPS15|S4R456 RAD51L1|A0A024R656
 35606 MDC1|Q14676 ACOX1|K7ENF1
 35607 TIPIN|Q9BVW5 AGAP7|Q5VUJ5
 35608 IRS-1|M1S0W8 MSN|Q6PJT4
 35609 OR51M1|Q9H341 ZNF208|M0QXL7
 35610 LRRC7|Q96NW7 TMEM5|Q9Y2B1
 35611 HLA-B|K4JQY2 ERAP1|A0A0A7E7W9
 35612 CYP3A43|CYP3A4|Q86SK3 LIN9|H0Y322
 35613 CMYA5|Q8N3K9 HEL-S-70p|V9HWH7
 35614 BCR-ABL1|A2RQD4 BRAP|Q7Z569
 35615 RHD|E7BAS6 FUT1|A7XM36
 35616 HLA-A|C5IZM0 ZNF608|D3DSZ2
 35617 PADI2|A0A024RA98 PLPP4|X6R787
 35618 PHOSPHO1|D6RHH9 CO3|Q0ZFF5
 35619 HLA-DQB1|S6CQ57 C2orf50|Q96LR7
 35620 HLA-B|U4N162 OPRK1|E5RJI5
 35621 ND5|H9PRH0 ARHGAP11B|Q3KRB8
 35622 SLC14A1|A0A068WAZ5 TRAF4|A0A024QZ19
 35623 UNC13D|Q70J99 MC1R|V9Q8N1
 35624 HLA-C|M9P9U7 GCDH|K7EQ99
 35625 COX1|A0A096WJI6 FAR2|Q96K12
 35626 cytb|Q9G345 TEAD1|H0YE88
 35627 ANTXR1|NNG1|Q508I7 CFLAR|O15519
 35628 HLA-Cw|A9YQ95 DCTN2|Q13561
 35629 TBXA2R|Q05C92 tmp_locus_29|Q53SB5
 35630 RNF24|Q9Y225 PCDH10|X5D999
 35631 ND2|F1B5V3 DDX11|F5GXJ8
 35632 COX3|H9SHR2 SHMT2|G3V241

35633 COX2|Q7Y626 HLA-Cw|Q45YJ3
 35634 CLN5|A0A024R644 CENPX|J3QR35
 35635 RPH3AL|I3L349 GLRA3|Q4W595
 35636 AMICA1|Q86YT9 AIP|D0EKE6
 35637 COII|I6PRP7 SLC35D2|Q76EJ3
 35638 PSMB3|P49720 ND6|Q20CU2
 35639 EPDR1|Q9UM22 DPEP2|Q9H4A9
 35640 HLA-DPB1|A0A0A7C614 DKFZP566F2124|Q53SL1
 35641 XYLT1|A0A0A7KW96 SLC38A6|Q8IZM9
 35642 CYTB|D7SFA1 HLA-C|X5JZ45
 35643 RHD|T2DJN4 HLA-A|F2X5Z6
 35644 HAS2|Q92819 GALNT9|Q68VJ2
 35645 HLA-DQA1|Q30065 DKFZp434B129|Q8ND81
 35646 RHD|I0CKF8 AIM2|O14862
 35647 CYTB|A6ZGR2 SLC2A8|Q5VVW0
 35648 ZNF816|M0QZX7 ND5|R9Y6E0
 35649 ARHGEF12|Q9NZN5 OAS2|F8W1C5
 35650 FTH1|G3V1D1 CKB|H0YJK0
 35651 POU5F1|E9LR79 HLA-DPB1|A0A0A7C8A7
 35652 VAX1|Q5SQQ9 ND4|G9LFX9
 35653 FOXD2|O60548 MMP17|F5GZA7
 35654 NCALD|E5RIX3 GNA01|H3BQG8
 35655 IRF8|H3BRT4 MATK|P42679
 35656 PYCR1|P32322 TCF3|K7EPS2
 35657 WNT10B|O00744 ND5|A0A096X3C9
 35658 Hosa(Japanese)-T2R56|Q50KC8 CKAP5|Q14008
 35659 HLA-B|A0A0A1GK28 PLA1A|H7C4H1
 35660 ICAM3|Q5NKU1 PMS1|Q5FBZ2
 35661 AKR1CL1|Q5T2L2 PPP4R1|Q8TF05
 35662 CNTN1|F8VUI8 HLA-A|D7NNN4
 35663 TBC1D30|Q9Y2I9 HLA-DPB1|A0A0A1TSH5
 35664 TMEM242|Q9NWH2 KIF9|Q6PJI1
 35665 CLEC1A|A0A024RAN6 DDR2|Q16832
 35666 HECW1|H7C3Q2 S100PBP|Q96BU1
 35667 KLK4|Q5BQA0 ATP5F1|Q5QNZ2
 35668 HLA-B|F2X5U0 IPLA2(GAMMA)|A0A024R746
 35669 HLA-DOA|P06340 NUP58|Q5JRG1
 35670 HLA-DPA1|O98050 HLA-C|M9PAF6
 35671 MLLT3|B1APT5 LPCAT2|H3BU68
 35672 KYNU|A0A087WYM2 ND6|A6Z8R1
 35673 FBX022|Q8NEZ5 ATXN3|D3VVJ0
 35674 ND5|W0C3F1 OR2B2|Q9GZK3
 35675 ALDH6A1|A0A024R6G4 EXOSC2|Q13868
 35676 IGFBPL1|Q8WX77 ARFGAP3|B0QYV9
 35677 ETV3|P41162 HRASLS5|Q96KN8
 35678 LNP|Q9C0E8 ERLIN1|O75477
 35679 ND5|X5BPC3 HLA-B|Q29939
 35680 GRK4|P32298 HLA-C|M9P934
 35681 ASCC1|H0YE79 ZSCAN29|Q05BJ4
 35682 DICER1|Q9UPY3 SUPT20H|C9JQS2
 35683 HLA-B|A7XBN0 ATP6|R9Y3L7
 35684 METTL7A|A0A024R118 ATP8|A6YYT8
 35685 COX3|B4YGV7 MECP2|D0UU70
 35686 HLA-B|D6CIN1 ATP6|G4VZQ0
 35687 TNFSF10|Q6IBA9 PLCB1|A0A087WW73
 35688 HCR|A9XAE8 CHURC1-FNTB|B4DL54
 35689 OR51I2|B9EIL6 HLA-DRB1|D7GL12
 35690 SMAD1|D6REQ3 GPC1|H7C024
 35691 PRCP|E9PL49 PCMTD2|Q6PIM4
 35692 SUMO3|A8MU27 HLA-C|K7P5U4
 35693 ARHGEF3|Q9NR81 HLA-B|I3VZ12
 35694 IFNB1|P01574 CELF1|E9PKA1
 35695 cytb|B9EF31 LECT2|O14960
 35696 MAGEH1|Q9H213 MEX3A|A1L020
 35697 COX1|A0A096VWL6 OR6K2|Q8NGY2
 35698 USP45|D6RBV3 ENTPD5|H0YJH1
 35699 APPL1|Q9UKG1 DOT1L|V9GY76
 35700 ND2|A0A023QCK0 ZNF202|E9PM99

35701	ATP6 A6YW31	ACD R4GMR6
35702	ZNF560 Q96MR9	CYTB E1B4S4
35703	GABRA4 P48169	CMTM5 Q96DZ9
35704	BIN1 A0A024RAI5	GABRG2 E5RGJ0
35705	FDFT1 E9PNM1	GRIK2 F8WEZ8
35706	TDRKH F6TB26	OXCT2 Q9BYC2
35707	MOCS1 Q9NP27	PRPSAP2 O60256
35708	MAST1 Q9Y2H9	CYTB H9LK99
35709	RBBP7 Q16576	CA2 P00918
35710	ND2 X2C0W8	HK2 P52789
35711	EEPD1 Q7L9B9	DARC A0A059TA65
35712	PIK3R3 F6TDL0	USP19 A5PL36
35713	MMP17 F5GZA7	RFX8 Q6ZV50
35714	MCMBP Q9BTE3	PTPRC M3ZCP1
35715	TRPC4 Q3MHB9	MST1 G3XAK1
35716	ND5 B2XEX5	HLA-C H2DMJ7
35717	FGF2 P09038	CNTNAP2 B7Z1Y6
35718	COX1 V9JCG6	CYTB G9LEP0
35719	NKRF O15226	CSAD J3KPG9
35720	ZDHHC14 A4FVA9	USP31 A0A087WXV9
35721	DKKL1 Q9UK85	SLC25A45 E9PK53
35722	SEPT10 F5H1F2	KIAA1549L Q6ZVL6
35723	ZNF207 O43670	SOD1 X5D5A9
35724	COX2 A0A059QTV7	HLA-B G1EPS7
35725	FAT4 X2G756	C1orf111 Q5T0L3
35726	TULP2 O00295	HLA-A B5LZ18
35727	ZNF3 C9JIW8	ZNF202 E9PJL4
35728	ZNF707 E9PNV7	ND6 D6C1N3
35729	MARCH1 D6RGC4	GUCA1C C9J7M7
35730	KCNJ13 H7C4D1	DLGAP4 F8WF49
35731	NGB Q9NPG2	HCP1 A0A024QZ15
35732	N6AMT1 B2RA97	SLC17A3 A0A024QZX7
35733	ALDH1A1 P00352	GNB3 E9PCP0
35734	HLA-B D4HPJ9	TCIRG1 Q8TCH1
35735	GEM A0A024R9F5	GPS1 A8K070
35736	IMPA1 P29218	cytb B2XKB6
35737	C1QB A0A024RAB9	TAC4 D6RAS6
35738	C12orf49 Q9H741	RNF130 E5RI87
35739	ZKSCAN5 J7M940	GRIA3 Q17R51
35740	LRP2BP Q9P2M1	RAPGEF6 D6RE77
35741	TMEM259 Q4ZIN3	PIPOX K7EK30
35742	EPHA6 B4DXM2	HLA-A X5MFE7
35743	S1PR1 P21453	TRAF4 A0A024QZ59
35744	IFNA17 P01571	PPP2CB H0YC23
35745	POLK D6RDX9	ND5 B8XYT0
35746	UBR1 A0A087WTJ9	RFX5 F6X9D6
35747	FBP1 Q2TU34	ETV6 J3KN52
35748	RHCE B6ZCG1	RHCE D0AB03
35749	RBM39 Q5QP22	ATP6V1B1 C9J5E3
35750	PRKCSH K7EL27	FLJ00017 Q9H7Q0
35751	HLA-B K7P5R9	PICALM H0YEF7
35752	PUSL1 J3KTG4	MYC B3CJC6
35753	FAM134C K7ELM8	ZNF567 Q8N184
35754	ATP6 E7E3A2	SELM Q8WWX9
35755	HLA-C M9P9W6	PSMA6 Q9BZ93
35756	CARD9 Q9H257	hTIM44 Q9UPE4
35757	FZD6 O60353	COI1 C5H6M5
35758	ATP8 G5D7T4	TNIP1 E7EWG2
35759	NDUFV1 E9PLC6	ARHH Q6ICP4
35760	ND1 C7AB04	MEF2B A0A024R7N0
35761	CAPNS1 K7EMQ1	MYRFL Q96LU7
35762	BTG2 P78543	FGFR10P2 Q9NVK5
35763	FGFR3 Q8NI16	COX2 A0A0B5E697
35764	HLA-DQB1 M1GM99	TEAD1 H0YE88
35765	EGLN2 M0R1L0	CWF19L1 D3DR67
35766	GM2A H0YBY3	LSS P48449
35767	SNTG1 H0YC21	CYTB V5JSN2
35768	PKM P14618	CYB561A3 F5H5L0

35769 SUV39H2|H0Y306 BPIFB3|P59826
 35770 SNX1|H0YK58 ERAL1|J3QT61
 35771 RBM14|B8ZZ74 SDF2L1|Q9HCN8
 35772 ACTN1|Q5ZEZ4 ND2|F2WEB6
 35773 RNF111|A0A024R5V6 CHD2|Q8N677
 35774 UPF1|A0A024R7L5 EIF2S3|H7BZU1
 35775 USP3|Q6JHV3 OK/KNS-c1.7|Q8NI61
 35776 VGLL4|E7EUJ2 HMGCLL1|Q8TB92
 35777 GMEB2|Q9UKD1 HLA-C|F8TI98
 35778 MED8|Q96G25 FAM109A|Q8N4B1
 35779 TCF19|D2IYK5 SEPT1|J3KNL2
 35780 SMAD3|H0YKE2 MLSN2|Q9H200
 35781 RFX3|H0Y790 CHRNAS|H7BYM0
 35782 IRF8|H3BQK3 NAP1L4|E9PNJ7
 35783 CNTNAP2|X5D2E8 FZD4|Q9BY80
 35784 GLRX5|Q86SX6 EHMT2|A2ABF8
 35785 PTAR1|Q7Z6K3 PISD|B1AKM6
 35786 PDGFA|Q32M96 ARL6IP5|A0A024R371
 35787 HLA-C|F1CCJ3 ITPR2|H7C2X9
 35788 ASIC5|Q9NY37 SUOX|P51687
 35789 C9orf32|A0A024R8E4 TRMT61B|F8WDR2
 35790 ZNF675|M0R3E4 COL27A1|Q8IZC6
 35791 OTUD7A|Q8TE49 ND1|H9PI74
 35792 GATM|H0YLC6 APOC1|K7ERI9
 35793 FTCD|H7C315 KCNT2|Q3SY61
 35794 OR9A2|Q8NGT5 SLC48A1|F8VXV4
 35795 GNG2|G3V3J9 RUND1|Q96C34
 35796 COX1|A0A059RJA5 DNAH1|H7C563
 35797 TP53|L0EPY0 FLNA|Q5HY54
 35798 ND5|Q2HKK5 ZNF304|Q2T9G8
 35799 TIPIN|Q9BVW5 HLA-A|F2VP51
 35800 SLC25A5|Q6NVC0 TAS2R1|Q502V6
 35801 WDHD1|O75717 MYC|B3CJ66
 35802 UNC5C|A0A087X152 ELM01|H7C0S6
 35803 HLA-C|F1CZ00 SWAP70|Q9UH65
 35804 DKFZp762K123|Q69YP2 FAM133A|Q8N9E0
 35805 CYP21A2|Q08AG9 C6orf49|A0A024RCZ7
 35806 HDGFRP2|K7ERA4 PPIH|O43447
 35807 TSPAN7|P41732 CEP152|A0A075B719
 35808 HLA-DRB1|Q9GJE9 ATP6|A0A023QW19
 35809 OR52E4|B9EH08 LY9|Q9HBG7
 35810 HEL-S-277|V9HW53 GATB|H0Y8G7
 35811 ASXL2|Q76L83 CHD1L|A0A087WTM4
 35812 NPM1|P06748 ZNF197|F8WEU5
 35813 MYC|B3CJ75 CCIN|Q13939
 35814 ZNF529|K7ESA1 CACNA1E|F8W9Z1
 35815 ADORA2A|S4R3A7 SLC10A3|A0A0A0MS43
 35816 ANKS1A|Q92625 CCDC6-RETa|J7MDF2
 35817 NADSYN1|E9PND0 ND3|A4ZN04
 35818 HLA-C|M9PAF2 HDAC2|E5RJ04
 35819 ZFP30|D3Y2A0 DACT2|Q5SW24
 35820 ATP10D|Q6PEW3 HLA-DPB1|A0A0A7C5V2
 35821 ND1|H9PLM0 SNW1|A0A024R6E3
 35822 CTRB2|H3BMY1 KIF9|Q6PJI1
 35823 SP140|Q13342 ESRRA|F5H0E9
 35824 NLRP10|Q86W26 GABRB1|P18505
 35825 PTPRT|B1AJR8 P4HA2|C9JIG4
 35826 CCL16|O15467 GPRC5D|Q9NZD1
 35827 OR56A1|Q8NGH5 UTY|F4MH88
 35828 CDC42BPB|H0YLY0 HLA-C|D7NQZ9
 35829 HLA-DR15|E3SWP2 ZNF96|A0A024RCI2
 35830 MAPK7|J3KT61 MRPL4|Q9BYD3
 35831 HLA-A|O19604 CREG2|Q8IUH2
 35832 ND5|A0A023I7R1 MARCH6|O60337
 35833 KDM4B|F5GX28 ATP6V1G2|Q6NVJ2
 35834 CIC|Q96RK0 APOLD1|Q96LR9
 35835 cytb|Q85KY0 TNPO2|K7ENW1
 35836 GAL|P22466 NT5E|Q6NZX3

35837 ACAN|E7ENV9 NLN|E9PCB6
 35838 TLR10|D1CS29 PNLIPRP1|E9PRT6
 35839 BCS1L|H7BZF6 ITGA4|A0A023IPA9
 35840 NMS|Q5H8A3 DOLPP1|Q86YN1
 35841 SLC7A1|Q5JR49 ACSM1|E5RFX0
 35842 CYTB|A0A0B5H7W9 TUBAL3|A6NHL2
 35843 QARS|Q9BUZ3 SLC01B3|H0YGG9
 35844 AADAT|Q4W5N8 CYTB|H9QBC7
 35845 EIF3E|H0YBR5 RHOBTB1|O94844
 35846 CBLB|B5MC15 NOTCH1|H6VYP0
 35847 PLEKHF2|Q9H8W4 HBB|Q9UK54
 35848 RHCE|I7L128 HLA-DRB1|Q30179
 35849 AGBL4|Q5VU57 DKK3|F6SYF8
 35850 TOP1MT|E5RJ95 SERTAD3|A0A024R0N2
 35851 EEA1|Q05D76 KRT5|P13647
 35852 CYTB|A0A097KU10 HTR3C|Q8WXA8
 35853 SLC22A5|H7C1R8 PIRT|P0C851
 35854 NADK|J3KSP9 CDCA5|Q96FF9
 35855 COG1|J3QLT5 ARNT2|X5DP31
 35856 GABARAPL1|F5GYD9 NCAPD2|E7EN77
 35857 GSTP1|C7DJ52 FHOD3|K7EP24
 35858 CD36|A0A0A1EAI1 ZNF208|M0R293
 35859 PAPD5|E9PC61 SETDB1|Q15047
 35860 ND4|D2KR58 SEPT8|C9JV02
 35861 TGFBR2|D2JYI1 RPL6|Q8N5Z7
 35862 ZNF480|Q8WV37 BMP7|B1AL00
 35863 DUS2|I3L0K0 ADHFE1|Q8IWW8
 35864 SEC61A2|H7C1Q9 NSL1|Q96IY1
 35865 GTF2IRD2|A0A0A0MSY2 GEM|A0A024R9F5
 35866 HLA-DPB1|A0A0A7C902 B3GAT2|Q29RV3
 35867 RAB14|P61106 DKFZp686M2226|Q68D58
 35868 FYTDD1|Q96QD9 TMEM67|H0YAR5
 35869 LAMA3|Q16787 ZDHHC11|H0Y9D0
 35870 ZDHHC16|B1AMU5 DLST|Q86TQ8
 35871 NCOR2|A0A024RBS3 CACNA2D1|P54289
 35872 PTPA|B7ZBP9 PRES|Q7Z7F4
 35873 TSC1|X5D9D2 HLA-DR15|D7NP77
 35874 ULK4|A0A0C4DG77 ARHH|Q6ICP4
 35875 GPR68|Q15743 cytb|I6PNE6
 35876 NRP1|V9GYL7 HLA-A|Q9UM27
 35877 RABL3|Q5HYI8 KCND1|Q9NSA2
 35878 TTC9B|Q8N6N2 CYTB|H9P8B5
 35879 NFU1|C9J8Q1 ND6|A0A0A0PXR7
 35880 HLA-A|E1Y6M4 ATP6|F2WID7
 35881 MAB21L1|Q13394 SYNE1|F5H4Q0
 35882 DKFZp686F08225|Q68DT6 GALT|F6KV90
 35883 HLA-F|Q861F0 P2RX5|Q93086
 35884 ECHDC3|Q96DC8 LCLAT1|C9JUV9
 35885 PCDH15|Q96QU1 ATP6|A6Z698
 35886 COX3|A0A059QPY1 PHKB|Q6LAJ4
 35887 KCTD13|I3L1U2 NACA|E9PAV3
 35888 DDX21|Q9NR30 HLA-C|I6NVT9
 35889 EPRS|V9GYZ6 STBD1|O95210
 35890 OSBPL8|F8VUA7 APOBEC3B|B0QYD3
 35891 HEL-S-105|V9HW42 STAR|Q6QNJ9
 35892 NOVA1|F8VWX1 CPNE1|Q99829
 35893 ABLIM1|O14639 ZNF268|K7EMS6
 35894 ENO3|K7EPM1 AADAT|Q4W5N8
 35895 SLC35B2|Q8TB61 HNF1A|E0YMJ4
 35896 CBY1|Q9Y3M2 PILRB|Q9UKJ0
 35897 HLA-C|D3U3Q1 CAPN1|A0A024R580
 35898 PCMTD2|V9GZ41 SLC20A1|A7LNJ1
 35899 SS18L1|O75177 HLA-C|G1EQ58
 35900 DKFZp666D023|Q658U3 ZNF278|A0A024R1M5
 35901 CLEC10A|Q8IUN9 UTY|F4MHF7
 35902 ATP6|E5E0L1 SNX17|F8WFA0
 35903 ST8SIA1|H0YG41 RPP40|O75818
 35904 UTY|A0A087X0Y2 ERBB2IP|Q96RT1

35905 MXD1|C9JBE8 ADAT1|H3BU72
 35906 NFE2|F8W1N9 ARMCX3|Q9UH62
 35907 HLA-B|Q3HM43 LCMT1|I3L2Q8
 35908 PAMR1|A0A087WXE9 RHD|U5U1V4
 35909 HLA-A|D6MLN9 CAAP1|Q9H8G2
 35910 ATP6|H9PQV7 CHEK1|A0A087WT52
 35911 WDR24|Q96S15 CERS1|P27544
 35912 DAND5|Q8N907 LARS|A0A087WXY1
 35913 PLCG2|A0A0A0MRF9 G3BP2|Q9UN86
 35914 TD02|P48775 TAF6L|E9PK90
 35915 TAAR6|Q96RI8 ND1|A0A059RR41
 35916 TCAP|A2TDC0 PDGFD|H0YD37
 35917 ARHGDIA|J3KRY1 CYTB|F1AKQ8
 35918 ND3|A4ZN04 RBMY1C|P0DJJD4
 35919 SLC35A3|Q9Y2D2 CAP2|F8WEW0
 35920 IFNA|V9GZN5 ND3|A0A059RW30
 35921 WDR16|Q8N1V2 ND5|G9LMU8
 35922 MPRIP|Q6WCQ1 CPO|Q8IVL8
 35923 HLA-DPB1|A0A0A7C661 EPCAM|P16422
 35924 DUS3L|Q96G46 ATP6|Q9B1L8
 35925 ND2|V9J9X6 TXNL4A|K7ES07
 35926 BRIP1|J3KS24 SCN8A|Q6B4S4
 35927 RGL2|Q92942 SETD2|H7C3H4
 35928 BAZ2A|J3QK86 FIGF|O43915
 35929 MDM2|Q8NDV9 KMO|A8K693
 35930 DPP6|E9PF59 PCP4|P48539
 35931 CTCF|P49711 COX3|A0A059S9H9
 35932 VANG1|A0A024R0E3 USP3|Q6JHV3
 35933 SPINK6|Q6UWN8 NUP93|H3BPA9
 35934 ZNF331|E7EPG5 MYO1C|I3L3F5
 35935 HLA-C|I6NXL9 UBC|P0CG48
 35936 ND5|Q7YCE2 TMBIM4|Q9HC24
 35937 HLA-DPB1|A0A0A7C5S5 GHR|A0A087X0H5
 35938 MAP2K5|Q13163 SF1|H7BZT1
 35939 CYTB|J7HRB4 HLA-C|F1AQR9
 35940 HNF1A|E0YMJ1 KIAA0391|O15091
 35941 HSD3B7|I3L2H6 IFGGE|J7NNX4
 35942 KLRK1|P26718 SKP1|P63208
 35943 RRP7A|Q9Y3A4 HLA-A|A8DA04
 35944 HLA-C|A0A0A7C4P9 MEST|C9JW74
 35945 HLA-B|E5FQ95 WRB|Q0VGA7
 35946 CYTB|A0A097Q4N1 AFDN|E9PFY5
 35947 SIRT3|B7WNN4 NBEAL1|Q6ZS30
 35948 ACY3|E9PRA7 HEL-S-274|V9HW59
 35949 WIPF2|A8MWR2 GPR142|Q7Z601
 35950 ADAMTSL1|A6NIB9 SUSD1|F8WAQ1
 35951 ALDH7A1|P49419 HARS|B4DDD8
 35952 ATP8|A6Z519 LEP|A4D0Y8
 35953 ND1|G4W2J6 COL11A2|Q4VXY6
 35954 TFIP11|Q9UBB9 SLC22A5|H7C1R8
 35955 ZNF226|K7EPU4 ATM|A0A024R3C7
 35956 WASL|O00401 POU5F1|B5B8P2
 35957 TARBP2|F8VYK6 ND4L|A4ZL21
 35958 COX1|C8Y5L7 MAP3K9|J3KPI6
 35959 TMEM64|Q6YI46 GABRP|O00591
 35960 C19orf10|Q969H8 ZNF708|P17019
 35961 KCNN4|D1MQ09 ZNF804A|B9EGN2
 35962 cytb|Q4GDF4 SOX6|P35712
 35963 ND4|H9P9L7 TIFA|Q96CG3
 35964 hCG_2039447|A0A024R557 PRCP|E9PNF7
 35965 CSK|P41240 RHD|I0CKF7
 35966 DOCK1|Q14185 SLC4A11|V9GXZ2
 35967 SMAD2|Q53XR6 SAMHD1|Q9Y3Z3
 35968 CYP1B1|Q2HZ43 KDM6A|O15550
 35969 PCDHA3|A1L2Z5 CNOT7|Q9UIV1
 35970 TUFT1|Q9NNX1 SLC2A11|F8WFA8
 35971 PIK3CA|Q4LE51 HLA-B|H6VGI9
 35972 ND4|Q1W0W1 NDUFV1|H0YE81

35973 CMAS|Q8NFW8 DOPEY2|Q9Y3R5
 35974 TCF12|B4DGI9 NDRG1|E5RH82
 35975 ND1|Q5Q607 ND1|A0A023QZ36
 35976 ZNF45|K7EPV5 COII|D2Y6Y1
 35977 ERCC2|A8MX75 HLA-C|C5IZX3
 35978 ALDH1A3|A0A024RC95 HLA-B|D7GL16
 35979 STX10|K7EQ84 F9|Q19UI5
 35980 INS-IGF2|F8WCM5 GNS|F5H4C6
 35981 GPR116|A0A024RD26 AIFM3|C9JPU8
 35982 PIGS|Q96S52 CDKN2A|P42771
 35983 SPAG17|Q6Q759 HLA-C|C9WEU8
 35984 hCG_1648279|D3DNC7 PTPN22|E9PM87
 35985 ND1|M4Q9M0 DPYSL2|Q16555
 35986 ICAM2|J3QRQ1 ZNF675|M0R1X5
 35987 ZCCHC5|Q8N8U3 COL4A3|Q01955
 35988 OR4C11|Q6IEV9 ND2|A0A059QUA0
 35989 GDH|Q9NQ82 RPL27|P61353
 35990 HLA-B|P79487 AOC2|O75106
 35991 SLC34A2|D6RA94 RHD|B2ZGP8
 35992 NOVA1|F8VW64 SLC1A7|F1T0D2
 35993 TRMU|O75648 HLA-B|S5LSK2
 35994 GRIP1|H0YGF1 HLA-B|Q6V4Z4
 35995 ARPC1A|Q75MY0 ZNF12|H9KV98
 35996 OR1E1|P30953 CLIP2|Q9UDT6
 35997 HLA-DQB1|A0A0A7C9K1 KRT27|Q7Z3Y8
 35998 RPH3AL|I3L2W0 UGT1A6|Q8WUQ4
 35999 ENTPD5|A0A024R6D3 TOM1L2|F5H3S6
 36000 CPNE4|Q96A23 HLA-A|G1EP19
 36001 HLA-C|V5NW25 MZF1|M0R2C0
 36002 ZNF814|M0QY74 TFAM|Q00059
 36003 COX2|A0A097Q0T5 DKFZp313M1824|Q5HYK2
 36004 COX7A1|Q6FGI7 HLA-B|Q8WMB2
 36005 STMN2|Q93045 HLA-DQA1|Q67AI0
 36006 DKFZp78102021|Q68DU0 CDHR2|Q9BYE9
 36007 ND6|A0A097Q221 HENMT1|X6RGV9
 36008 DAPP1|Q9UN19 SMPX|Q9UHP9
 36009 DEDD2|M0QXK7 ALDH5A1|P51649
 36010 NAT2|A4Z6T7 SETD2|H7BZ93
 36011 CYTB|Q6RN86 MOK|H0YM36
 36012 ND4|A0A075X6Q0 RHEB|Q15382
 36013 IP6K2|C9JRM0 MRPL28|A2IDC6
 36014 HLA-A|R4I3G2 PPA2|H0YAK2
 36015 DMTN|Q08495 HLA-C|C6K4N1
 36016 GALT|H0YJL3 HLA-B|Q9GJN4
 36017 CYTB|A0A097KU34 RFPL3|O75679
 36018 PAQR7|Q86WK9 ALDH16A1|F5H4B6
 36019 CYTB|Q15HJ6 CYTB|Q6RLQ6
 36020 TRIM14|A0A024R165 DEUP1|A0A0A0MTD8
 36021 NSRP1|Q9H0G5 ZNF107|A0A087WYK5
 36022 RPS6KB2|Q9BR50 PPP2R3A|Q6P0N9
 36023 G3BP2|D6R9A4 ARHGEF39|Q8N4T4
 36024 ND2|A0A059QUH8 HLA-A|F6IQY7
 36025 UNC13A|F8W059 SPTLC1|A0A024R277
 36026 CD6|E7ER04 CFL2|Q549N0
 36027 HLA-C|A0A0A7C4T9 TRIM59|C9JNB9
 36028 ZNF112|Q9UJU3 MAN2B1|O00754
 36029 PABPC4|H0Y6X6 DARC|A0A059TA82
 36030 RBM5|E1CJT4 STK16|O75716
 36031 LAPTMB|Q86VI4 RHOC|Q5JR06
 36032 HILPDA|Q9Y5L2 CFBF|J3KRT0
 36033 IDH1|C9J4N6 TBL3|J3KNP2
 36034 OR2T12|Q8NG77 STMN1|Q96CE4
 36035 MDR3|I7D7J8 ADORA2A|S4R3A7
 36036 DNMT3B|Q2PJS8 DLGAP5|Q15398
 36037 ADRB2|Q9BYZ0 SLC25A4|P12235
 36038 HLA-B|B9WPQ8 C7orf10|Q9Y6U8
 36039 HLA-Cw|B9VR41 EBPL|Q6GPH7
 36040 ATP6|L7SRW4 IRF9|H0YMB0

36041 CCNG1|D6RCC5 ND4|A0S2T6
 36042 ND5|A0A023Q756 MDM4|A0A024R990
 36043 AGPAT1|A0A024RCV5 TAF7|A0A096LPC3
 36044 FLJ00004|Q9NXY1 EIF3C|H3BTY8
 36045 CEP350|A2A4F6 ND3|A9LYR7
 36046 OCRL|Q01968 TTC9|Q92623
 36047 NR1H3|Q13133 HNRNPH1|H0YBK1
 36048 DCN|P07585 RAP1GAP|Q5T3T1
 36049 SLC35C2|Q9NQ07 HLA-A|M4SNZ1
 36050 HLA-B|G1EPJ1 AKAP9|A4D1E4
 36051 POU5F1|B5B8Q0 OR12D3|D2XT27
 36052 LRP11|Q86VZ4 BOK|Q53QM7
 36053 CYTB|A0A059QM45 DROSHA|Q9NRR4
 36054 COX1|H9MP07 SPATA4|Q8NEY3
 36055 ALG8|H0YDQ1 VNN2|E9PK31
 36056 SCN5A|Q8WTS0 MMP7|P09237
 36057 CSN1S1|P47710 E4F1|H3BN24
 36058 PRMD9|D9IWM9 FOXE3|A0A0B5IYD1
 36059 ZNF574|M0R133 ZMAT1|Q5H9K5
 36060 RTTN|Q86VV8 CHD5|K7EMC0
 36061 CCR5|B8LFN8 POGLUT1|Q8NBL1
 36062 MYO1B|C9JUP5 SYBU|E9PK96
 36063 PDE6B|H7C4F7 ND4L|A0A059RLH8
 36064 RELA|E9PKH5 TBXAS1|A0A0C4DH47
 36065 PGAP2|Q9UJH9 CLK2|Q9BRG8
 36066 HNRNPM|M0QZM1 TNFSF13|Q6FGR7
 36067 AIM1L|Q8N1P7 CYTB|A0A097QAP2
 36068 FFAR4|S4R3L2 MYC|A0A087WU55
 36069 PFKFB2|A0A087X2H4 EGR4|Q05215
 36070 ARHGEF3|Q9NR81 HLA-A|F6IQX7
 36071 PYCR1|J3QKT3 HLA-A|D7NNU2
 36072 RNASE11|C9JHH6 STX10|K7EPP9
 36073 COX3|Q5XZI3 ETS2|A0A0C4DG47
 36074 STK17A|Q9UEE5 KDELR3|O43731
 36075 VGLL4|E7ERW0 DAZAP1|K7EK33
 36076 DEFB135|Q30KP9 TTC30A|Q86WT1
 36077 PTX4|Q96A99 HVPS41|Q9H348
 36078 ZNF423|Q2M1K9 PYCR1|J3QL32
 36079 RAD9B|J3KPN7 SC5D|E9PQ91
 36080 SRRM1|M0QXG5 ATPase|B9EEV9
 36081 HLA-C|D7NP12 STON2|Q8WXE9
 36082 POLR2F|U3KQB0 CYTB|H9RKP9
 36083 TESPA1|E9PM24 ATP11B|A0A0C4DG94
 36084 HS3ST4|Q9Y661 SFXN2|R4GN63
 36085 HLA-C|D7NQZ2 DNAH10|A0A096LNK1
 36086 HLA-A|E2D5M5 HIST2H2BF|Q5QNW6
 36087 IFITM1|P13164 ND5|H9LPV9
 36088 ABCA7|A0A087WUR5 HLA-DR|O19762
 36089 ELAVL2|B1AM48 ND1|Q7YCD2
 36090 PIAS2|Q2TA77 HLA-B|A0A0B7MHW2
 36091 MYO6|Q9UM54 EHD1|A0A024R571
 36092 RABGGTB|D3DQ78 GABRB3|F5H7N0
 36093 FADS3|H0YCN1 GALT|Q14354
 36094 ATP6|B2MXH9 MYB/NFIB|D0QYQ8
 36095 GPR179|A0A087X0K8 INO80D|Q53TQ3
 36096 CAMTA2|O94983 ZNF284|Q2VY69
 36097 PKN3|Q6P5Z2 ATP6|B2YBN4
 36098 HAL|Q4VB95 STAG3|D6W5U7
 36099 ATP6|D7NUP8 FGFR10P2|Q9NVK5
 36100 HLA-C|F2VNP3 ATP6|Q0VV46
 36101 TAF6|C9JIS2 HLA-DR15|G9HW11
 36102 RNASEH2C|Q8TDP1 PTE1|Q6FHI2
 36103 HLA-C|D5M8B9 ZNF358|M0R2S5
 36104 HLA-C|V5NVX1 HRG|P04196
 36105 NAF1|A4F1Y0 COX1|X5BVM8
 36106 HLA-C|F6IQK1 PRLHR|P49683
 36107 DKFZp586B2022|Q9Y423 MAP1LC3B|H3BTL1
 36108 BAIAP2|B4DWA1 CYP26C1|A0A096LNL5

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36110	CYP1B1 D0EZN8	HLA-C W0NQ30
36111	ARRB1 E9PM35	HLA-DPB1 A0A0A7C5E8
36112	POU5F1 B5B8P5	RAB42 Q8N4Z0
36113	MCM3 J3KQ69	OTX2 F1T0C9
36114	CYP2D6 Q6NWU0	MGAT1 D6RD15
36115	ZNF281 Q9Y2X9	HLA-A D3U424
36116	ZNF737 O75373	DHODH I3L449
36117	AYTL2 D3DTC2	FUT9 Q9Y231
36118	ND3 C8Y8R4	GALC G3V5E8
36119	NPVF Q9HCQ7	CELA2B P08218
36120	ND2 U3LRT4	MAP2K3 E9PRZ0
36121	BMP8A Q7Z5Y6	ABCB11 Q53S60
36122	RAB3IL1 Q8TBN0	ATP6 Q15IZ5
36123	COX1 H9NQR9	HLA-DPB1 V5J9W3
36124	GRIN3B O60391	FKBP10 K7EM43
36125	ZC3H15 Q8WU90	MRPS35 P82673
36126	CD109 Q6YHK3	ZNF391 C9JUF8
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36128	NFKBIE A0A024RD24	RAB27B O00194
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36130	OR2T34 B9EGY8	TRPM1 A0A0A0MTR0
36131	B3GAT2 Q29RV3	MYNN R4GMT1
36132	HLA-C F6KRW8	WNT5A Q6DK41
36133	COX2 E2JJ55	FOXP1 A0A0B4J2F3
36134	ITPR1 A0A024R2E1	SNTG2 F2Z2D2
36135	ITIH2 A2RTY6	RTDR1 Q9UHP6
36136	COX3 Q4EWP5	DIABLO Q9NR28
36137	ZNF215 B4DYW9	GABRA5 P31644
36138	UNC13B O14795	ARL10 H0Y8L6
36139	TUBB6 K7EL29	DDX39B F6TRA5
36140	C1orf216 Q8TAB5	TGFB1 A0A078BFK3
36141	SCML2 Q9UQR0	HLA-DQB1 Q67AJ0
36142	HLA-C A0A0A7C6X9	KCNB2 Q92953
36143	GNA14 O95837	SZT2 Q5T011
36144	NOVA1 F8W659	XTP3TPATP1 Q1KSF8
36145	HLA-A D6PZZ2	ECHDC1 H0YCS9
36146	OTUD7A X5D9E5	SRP9 A0A024R3P3
36147	SNRPD1 J3QLR7	ADAMDEC1 O15204
36148	ELMOD2 D6RJB5	MYO5C H0YM93
36149	ING3 B7ZKQ7	MSM01 D6R952
36150	ATP6 J7HR34	SET A0A0C4DFV9
36151	CABP2 Q9NPB3	HNRNPH1 D6R9T0
36152	WASF3 Q9UPY6	OGT O15294
36153	DSN1 Q4G1A1	DKFZp686E13109 Q6MZF6
36154	DNPEP F8WAN0	SCARB2 D6RDG0
36155	FOXN1 O15353	ND1 Q4F5W2
36156	PDLIM3 A0A0A0MQY0	DDX54 F8VRX4
36157	ACP6 A0A087WW36	CYTB W8DH07
36158	ATP8B1 O43520	RHOA A0A0B6XK12
36159	SF3A1 A0A024R1K8	BDH2 D6R9U8
36160	TRIM41 Q8WV44	PCBP1 Q53SS8
36161	CYTB A0A097Q0U5	HTR6 P50406
36162	THAP6 D6RBC3	ND3 E5EXC8
36163	KISS1R Q969F8	HLA-A I2B303
36164	METTL17 Q9H7H0	HLA-DRB1 B7VU65
36165	ZNF793 Q6ZN11	HLA-C F1CCK2
36166	CDA Q71UE9	RUNX1T1 W8FSP9
36167	CLTA S4R3F6	TRIT1 S4R3F4
36168	CHN1 Q6IBE0	ND2 F1AZ20
36169	COX2 B2XP28	MSX1 E9KY15
36170	POLR2F F8WC47	JDP2 H0YKE4
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36173	MUC7 Q8TAX7	RBM39 G3XAC6
36174	SERPINB3 P29508	SNX1 H0YKT3
36175	RNF8 O76064	FMR1 A0A087WWR6
36176	TNK2 H7BZZ3	FBN1 Q75N88

36177	TEX40 Q9NTU4	NRG3 P56975
36178	ELF3 P78545	CHEK2 B7ZBF6
36179	TRAIP E7ETV1	NECAB1 Q8N987
36180	ASB9 Q96DX5	ND2 K4GW31
36181	KIF22 H3BQB9	EGLN1 R4SCP5
36182	NLN H0YAK4	ND5 H9NYJ4
36183	SHOX2 A0A087WVB7	SDHD O14521
36184	CDH1 D3XNU5	MAP4K2 Q12851
36185	ZADH2 Q8N4Q0	HBB Q9H1I6
36186	LSM4 U3KQK1	COX3 W8DDQ7
36187	MED22 Q15528	LCE3D Q0VAS7
36188	ZNF410 B4DPW2	RBM47 B7Z8Z7
36189	CCR3 Q8TDP7	FGD4 Q49A55
36190	COX2 A0A068IXK4	EPB41L2 I6L9B1
36191	IL22RA2 Q969J5	NDEL1 Q9GZM8
36192	A-735G6.3 O14563	TOP1MT D3DWJ7
36193	NAF1 Q96HR8	PGA5 P0DDJ9
36194	USP17L1P Q7RTZ2	MYO1F M0QXE0
36195	G6PD Q2VF42	EIF5 H0YK11
36196	P2RY1 P47900	SARM1 Q0D2N8
36197	HLA-C C5IZU6	DCST1 Q5T197
36198	DIABLO Q502X2	OPRK1 P41145
36199	HLA-C D7NR09	TUFT1 Q9NNX1
36200	CYTB W8DH14	PRUNE2 A0A088AWP5
36201	HLA-C M9P9R9	ND3 D2Y6W3
36202	ETFDH Q547S8	IL9R A0A024R039
36203	COX1 L7XWN7	KCNH1 O95259
36204	SUN5 Q5TDX9	PBX1 H0YLD4
36205	ATP6 A4ZLL3	LIMA1 F8VVQ7
36206	HSPA4L O95757	SNRPA M0R221
36207	PSTPIP1 H0YLI2	P2RX4 F6SFZ6
36208	COG1 E9PBL8	TFEC B7Z757
36209	SLC35A5 Q9BS91	CDKL1 J3KMW1
36210	HNRNPLL Q8WVV9	ANXA2 H0YNB8
36211	CDHR3 E9PEI5	PRES Q7Z7F4
36212	OPHN1 O60890	HLA-B M9XMA8
36213	DUSP28 Q4G0W2	TRIM49C P0CI26
36214	TACR1 Q53TR1	GNPDA1 D6RB13
36215	IL12B P29460	MRPL18 A8K9D2
36216	ND5 G9LDJ8	RAB3A A0A024R7I7
36217	HLA-C G1EQ51	NLGN3 X5D2P6
36218	MREG Q8N565	SUM03 A8MUA9
36219	BLOC1S4 Q9NUP1	FOSB A0A024R0P6
36220	C22orf39 Q6P5X5	HEL-S-107 V9HW71
36221	HLA-C A0A0B7NX62	TSC2 P49815
36222	MYH7 A8CLN2	NR1F1 F1DAL0
36223	GABRG3 Q99928	PAK1 E9PM17
36224	CAP2 B7Z385	HLA-A U6ER51
36225	SPN P16150	CES2 Q4G0E9
36226	OR1J4 A3KME5	DMRT1 H3BN61
36227	LYZD2 A0A080YUZ9	ZNF675 M0R3G8
36228	DES L7R9R4	DUOXA1 H0YLLQ4
36229	LRTM2 Q8N967	CPN1 B1AP58
36230	SUV39H2 H0Y306	ND5 C8Y4J8
36231	ZNF189 O75820	COX1 A0A097Q5Q6
36232	CHRNA7-2 B1N7G0	SRPK1 Q96SB4
36233	MON1B Q7L1V2	RBPJ D6RIZ8
36234	cytb B2XN13	ZNF517 G3V191
36235	KRTAP3-1 Q9BYR8	RBMX H0Y6E7
36236	SLC02B1 E9PRW4	RRP1B Q6PJM8
36237	ZNHIT6 Q9NWK9	CYTB A0A059RRP1
36238	PSG3 Q16557	CYTB A6Z4Y8
36239	IFITM3 H9NKY4	CKMT1B C9JJX8
36240	STX4 C9JFM5	ROB01 Q9Y6N7
36241	HLA-A Q208P6	HLA-A D1MZT7
36242	MZT1 Q08AG7	DKFZp434J1672 Q9UF71
36243	EFCAB1 H0YBJ9	HBB O95412
36244	NFAT5 J3QKS5	GPRC5C A0A024R8N9

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 36246 RIMS3|Q9UJD0 HPX|Q9BS19
 36247 SLC2A11|F8WCV3 HLA-B|A2VBY0
 36248 SYT2|Q8N9I0 BTBD2|Q9BX70
 36249 MOXD1|Q6UVY6 RPIA|P49247
 36250 TLR5|D1CS79 PPP1R10|Q58F28
 36251 PkB-like|Q9UPJ7 HLA-DPB1|Q30037
 36252 ATP8|B7ZJ43 SCLY|H7C280
 36253 GATA3|P23771 F11|H0Y596
 36254 GUCY2C|P25092 NR2F6|M0R175
 36255 HLA-DRB1|Q9BCS7 COX1|B2XH81
 36256 EA2.1|Q30168 RPL31|C9JU56
 36257 RELA|A0A087WVP0 KIF2C|Q5JR89
 36258 ND1|K7WVK2 ELM01|C9JIW2
 36259 PLK4|A0A090BML5 SIK3|M5FMX3
 36260 CYTB|H9SGH6 GSTM3|A4UJ43
 36261 CALM1|Q96HY3 CYTB|F5HS92
 36262 PER3|P56645 MSX1|E9KXY9
 36263 HLA-C|D7NP40 HLA-B|G4XN19
 36264 C18orf25|Q96B23 C1GALT1|C9K0C8
 36265 HSF1|A0A087X1F9 RNF220|Q5TDE7
 36266 SH2D1A|O60880 HECW1|Q76N89
 36267 WASH1|A8K0Z3 ATR|H0Y8Y6
 36268 INHBB|P09529 PIP5K1B|A0A0A0MSP5
 36269 LYG1|Q8N1E2 FSCN1|Q16658
 36270 ZSCAN5C|A6NGD5 DNAH9|E7EP17
 36271 MYO1F|O00160 SLC45A2|A0A076YIB8
 36272 GTF2IRD1|Q9UHL9 ZNF732|B4DXR9
 36273 COX3|Q5XSC1 USP34|Q70CQ2
 36274 ZSCAN22|P10073 ATP6|A0A059VCQ6
 36275 CYTB|I3Q3Q6 C9orf75|Q86WR5
 36276 ABCG5|Q9H222 EXT1|T2FFJ4
 36277 ND4|A0A096WLM0 RGPDI|P0DJJD0
 36278 CCDC88A|Q86YH1 Hosa(Japanese)-T2R10|Q50KS3
 36279 LHX3|F1T0D5 CTRB2|H3BTQ4
 36280 UGT1A3|A7E1U9 HLA-A|C7C5G4
 36281 SERP1|Q9Y6X1 FCH01|M0QXY1
 36282 SMC2|Q32Q15 CDH10|D6RJG0
 36283 CCL15-CCL14|A0A0B4J2E2 NUDT21|H3BV41
 36284 PEX11B|O96011 SBK3|P0C264
 36285 CLOCK|O15516 PPM1J|Q5JR12
 36286 RPL23A|K7ERT8 GOLGA3|Q08378
 36287 TUBGCP4|H3BN56 ABCA13|H0Y4D2
 36288 UFM1|P61960 PGAP1|Q75T13
 36289 HLA-DQA1|I7KE75 PSEN1|E7ES96
 36290 PAPOLG|Q53T17 PIGZ|Q86VD9
 36291 MPC2|Q5R3B4 HAUS2|Q9NVX0
 36292 TAS2R60|P59551 TPR|P12270
 36293 DF|Q6FWH3 SFTPA2|Q8IWL1
 36294 CYTB|A0A0A0PTP0 CAP1|Q5T0S3
 36295 VDAX2|A0A024QZT0 IA4|Q8IU71
 36296 MLXIPL|A0A0C4DG26 DDX20|Q8TDR3
 36297 COX2|G4W3M6 RAB43|Q86YS6
 36298 AFDN|A8MQ02 ND1|E5E0Y6
 36299 HMGCS1|A0A024R059 ATP6AP1|A0A0C4DGX8
 36300 GLIS3|Q1PHI2 NIP|A8K9Q6
 36301 GNB2|C9JIS1 SLC16A3|O15427
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 36304 SEC22L3|A0A024R2Q1 HLA-B|H9BQ84
 36305 CDK9|B5BU53 ICT1|Q14197
 36306 COX3|D6N462 ZNF660|Q6AZW8
 36307 LHB|P01229 TMEFF1|Q8IYR6
 36308 NFIB|Q5VW28 HLA-C|M9P9U1
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 36311 HLA-DR15|G0ZMM9 PAPOLB|Q9NRJ5
 36312 DDRGK1|Q96HY6 SETD1A|O15047

36313 HLA-C|C8CHA9 UTY|F4MH69
 36314 BAIAP2|I3L2J6 WARS|G3V4N8
 36315 CHKA|P35790 FCGR2C|P31995
 36316 HAUS3|Q68CZ6 TAF6|P49848
 36317 PEX11B|A0A024R4E7 ST3GAL2|Q16842
 36318 TBC1D9B|Q9BW24 FKBP10|K7ESG6
 36319 PRRC1|Q96M27 TAS2R13|Q9NYV9
 36320 CytB|Q1ADI0 RNASE1|G3V357
 36321 FXN|H7C585 ABHD9|A0A024R7F3
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 36323 POR|B2R6E5 TRIM63|Q969Q1
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 36328 HLA-DPB1|A0A0A7C5H7 DPYSL5|Q53SW3
 36329 PRNP|Q6FGR8 CCAR2|Q8N163
 36330 CYTB|A0A096Y917 APOL1|A5PL32
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 36332 KRTAP4-9|Q9BYQ8 HLA-G|O78134
 36333 MITF-C|Q8WYR3 MYC|B3CJ82
 36334 ZNF541|M0R167 HLA-B|J7K1A7
 36335 ORC3L|Q6IBJ0 HLA-C|C0KK01
 36336 ANK3|H0YA66 EIF5A2|Q9GZV4
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 36338 THUMPD2|Q9BTF0 ND4|A0A059QV08
 36339 CYTB|E2JKR7 BOP1|Q6DKJ9
 36340 C11orf80|Q8N6T0 CYP4F12|A0A024R7J9
 36341 HLA-C|D6MKW6 HLA-DPB1|A1YAC1
 36342 MAP2|A8MZ31 ACOT8|H7C5A7
 36343 RANBP5|A0A024RDY0 RPL18|A0A075B7A0
 36344 B4GALT4|C9J4S5 NOMO3|J3KN36
 36345 GA|Q6LD43 INTS5|Q6P9B9
 36346 HLA-C|M9P9V2 ND4L|G9LIV5
 36347 HLA-A|C9E1E7 MIS18BP1|Q6P0N0
 36348 HLA-A|Q2WBP4 FPGS|Q05932
 36349 C6orf58|Q6P5S2 GPRASP1|Q5JY77
 36350 ATE1|B3KWA3 MYO1G|F8WEW9
 36351 HLA-C|C9E1H7 HFE|I1VA65
 36352 COX3|S4V7D6 TPST2|O60704
 36353 PPAP2C|O43688 MICA|J9YIZ8
 36354 ZSCAN2|F5GZ04 MUSTN1|Q8IVN3
 36355 PITX1|D6R9U1 NXT2|Q9NPJ8
 36356 ATP6|H9PQV7 CYTB|H9Q1E3
 36357 BCAP29|C9JTE9 HLA-B|K9L7D8
 36358 TMEM101|Q96IK0 HRH3|A0A0A0MR48
 36359 ADCY8|Q4F7X0 HLA-C|D6MKU2
 36360 IL1R1|H7BZM5 SOX10|P56693
 36361 MUSK|A0A087WSY1 HLA-A|A0A0A7C3Q3
 36362 ARFIP1|B4E273 MDM2|A0A0A8KB97
 36363 CHMP4A|E9PQ80 CYTH4|Q8WWE8
 36364 CCR3|P51677 HLA-C|J7F571
 36365 NLRP9|Q7RTR0 BNIP3|Q12983
 36366 FOXN3|H0YJ22 MANBAL|Q9NQG1
 36367 ND2|F1AKU9 HLA-A|A0A0A7C8E0
 36368 GRIP1|F5H5I0 HLA-A|D3YFD2
 36369 SHKBP1|M0R2P6 KMT2C|H0YMU7
 36370 IFNL2|Q8IZJ0 HLA-B|G0ZMH5
 36371 HIPK1|J3KP92 HLA-C|J9PVP1
 36372 PELI3|A1L176 ACP5|K7EJD9
 36373 HLA-A|G1ENE2 ufo|Q15839
 36374 CPSF7|F5H6M0 ADORA2A|C9JFS2
 36375 MOXD1|Q6UVY6 PLG|P00747
 36376 EML2|A0A0C4DGQ7 GSDMC|Q9BYG8
 36377 ARVCF|B9EH95 PPP1R42|Q7Z4L9
 36378 PAXIP1|Q6ZW49 CSRNP2|Q9H175
 36379 HLA-C|E3SGB2 FPR2|M0QXD3
 36380 CAPN3|Q762C8 SFRS11|Q6PJY9

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36383	SLC4A4 A5JJ20	ECHDC1 E9PRU6
36384	SCML1 Q9UN30	GLB1 E7EQ29
36385	GATM P50440	NPVF Q9HCQ7
36386	MTSS1L A0A087WXN9	HLA-C J9PWW3
36387	KLK12 Q49AM7	ABCB4 A7J1R4
36388	OTUD3 Q5T2D3	OR51I1 Q9H343
36389	RHCE Q5VSJ7	ZNF506 K7EIP5
36390	SLC30A1 Q9Y6M5	KLHL24 C9J0A6
36391	ABCC10 D6R9B3	HLA-C J7F4Z4
36392	CST4 P01036	MYH11 Q4G140
36393	MYO9A H3BTL9	CHP1 H0YLY7
36394	ATP11C H7C113	PCDHGC3 A0A087X1P2
36395	LVRN A0A0A0MS63	KCNN3 A0A0A0MQW9
36396	NRIP1 C9J130	UTY E1U1N1
36397	CDC20B Q86Y33	PITRM1 A0A0A0MRX9
36398	SRY A7WPV2	AADAT Q4W5N8
36399	MTHFD1L Q6UB35	SFXN2 R4GMS6
36400	CYTB H9Q7V5	CYTH2 Q99418
36401	DAAM1 Q9Y4D1	ACTR3B Q9P1U1
36402	FCGR3B O75015	FKBP3 Q00688
36403	ACSM3 H3BVD5	AKAP1 I3NI36
36404	ZCCHC4 A0A087X0K5	SNX19 Q92543
36405	COX3 D1GI28	LMBRD1 Q9NUN5
36406	ATP6 A0A096VTP9	OR10H5 Q8NGA6
36407	ND2 Q2HJS8	DKFZp451C205 Q8N3S0
36408	ICAM2 Q6FHE2	DUT P33316
36409	OTUD5 A0A024QZ09	ACVR1C Q8NER5
36410	NABP1 Q96AH0	CYTB Q0Z7C9
36411	GDA Q5SZC3	ZNF234 A0A024R0N3
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36413	ERCC2 K7EIT8	TP53 S5LMG1
36414	CAMK1 B0YIY3	RHD Q8NDV5
36415	GOLPH3L Q9H4A5	PRPS2 P11908
36416	TGM5 O43548	PIK3R5 J3KT66
36417	ADA P00813	ND5 Q0ZK24
36418	SARS Q0VGA5	ND1 K7WBD5
36419	NAA30 Q147X3	HLA-C F4YU92
36420	DYRK2 Q92630	ZNF74 Q16587
36421	CTLA4 P16410	CYTB Q6VHJ3
36422	HLA-G Q6B9Y0	HLA-C W8FKE1
36423	ZNF263 I3NI39	COX1 A0A068C3I7
36424	STIM1 E9PIQ8	HSF1 A0A087WWQ3
36425	CAMK2D A0A024RDK3	ATXN3 D3VVS3
36426	TFEB B1AKB4	HLA-DPB1 A0A0A7CA00
36427	MST1L Q2TV78	HLA-C F8R1A7
36428	PPCDC Q96CD2	CYTB G9LC43
36429	MRPL34 Q9BQ48	SCNN1B H3BUQ8
36430	IFIT2 Q05DN2	FOS Q6FG41
36431	HLA-A C4PFZ1	HLA-C U5YF41
36432	RHD A9P3T5	LPIN3 Q9BQK8
36433	HLA-B G1EPZ1	HLA-F O78094
36434	ND4L A0A059RVW7	HLA-C A0A0A7C530
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36436	CCR5 A0A089G3M8	SRY Q52MX7
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36438	MTHFR L7P8G6	ESR1 Q5T5H8
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36440	ND2 Q36733	MC1R Q1JUM2
36441	LIN54 Q6MZP7	ACSBG1 F5H4U6
36442	DIABLO K7X1S0	SLC16A10 Q9P1I2
36443	XCL1 P47992	TSRM Q5XPU7
36444	ND1 A0A059RNR7	ND5 C9D5A6
36445	HLA-DRB1 Q860T0	RHD Q1KT12
36446	RABEP2 Q9H5N1	FZD6 A0A024R9E9
36447	EPHA4 Q53TA0	FOPNL I3L2N4
36448	pp6318 Q8WYU7	TAS2R60 P59551

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36453 TTLL7|Q6ZT98 SIRT1|Q96EB6
36454 C14orf159|Q7Z3D6 CHFR|Q96EP1
36455 HLA-DRB1|D5FIE1 PCYT1B|F2Z2B1
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36457 COX1|A0A059QJU3 ND5|Q6VIF3
36458 HLA-C|J9PW13 CYTB|F5GSU4
36459 UTY|Q590G7 AMPD1|Q6I6Y3
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36463 ATXN3|D3VVL7 RPL37A|Q6P4E4
36464 KRTAP19-5|Q3LI72 DUX4|E0Z3E7
36465 DDX39B|F6SXL5 AIPL1|K7EPF4
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36476 GALNT8|Q68VJ3 HLA-A|F2VND0
36477 UTY|F4MH69 CXCL12|P48061
36478 OR2B6|P58173 ND5|Q15HE6
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36480 SDAD1|F8W8T7 Cytb|Q6XB34
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36490 CYTB|G9LKB6 DSC1|Q9HB00
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36494 KCND2|A4D0V9 H3F3A|P84243
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36498 HLA-Cw|B5AFW6 TICRR|H0YN97
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36502 HLA-C|D6C6A7 DKFZp434G2016|Q9NTG0
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36505 ND5|V5JHW3 ND1|V9K5S5
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36507 CYTB|H9QB49 FUT3|K7EQ20
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36509 METTL16|I3L3W3 CYR61|O00622
36510 CORIN|J3KR90 NFE2L2|C9J3K4
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36513 BCL2L1|Q5TE64 GIP|P09681
36514 HLA-C|A0A0A7C682 CDKL5|A0A096LPG3
36515 COX3|G3CA52 pp52|Q16002
36516 GLT6D1|Q7Z4J2 CUL9|H0YA00

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36520	ATP8 Q5S8S7	PDE2A O00408
36521	ZNF420 K7ELF6	PFKFB2 B0FLL2
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36525	EVPL B7ZLH8	SRSF9 S4R3G0
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36527	AK9 H0Y8C5	ND2 A0A023QZJ5
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36530	NKX6-1 F8VWZ9	CHRNA7-2 B1N7G1
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36542	TTC8 Q8TAM2	USP10 J3KT19
36543	PPA2 H0YAK2	ALLC B4DY77
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36547	KIF22 H3BRB3	TSHZ3 A1L0U7
36548	C2orf42 Q9NWW7	MTA2 O94776
36549	CCDC155 Q8N6L0	ZNF772 Q68DY9
36550	ACER3 J3KN85	PPIF H0Y548
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36556	DDHD1 Q8NEL9	RPL7A P62424
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36559	HLA-DQA1 Q30066	HSF1 Q00613
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36561	GUCY1A3 Q02108	HLA-C Q6DUF1
36562	SPSB3 D3DU79	CD1d X2F926
36563	JAG1 P78504	LANCL3 Q6ZV70
36564	RPS27L C9J1C5	SEPT11 D6RDU5
36565	KDM1A R4GMQ1	PLCH2 B9DI82
36566	HLA-DQB1 A0A077DBJ4	FCAMR Q8WWV6
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36569	SYT8 A6NCR4	TRIM72 Q6ZMU5
36570	ZNF195 O14628	ZNF483 Q5VZN3
36571	MOGS C9JDQ1	PCBP2 F8VXH9
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36574	ZNF738 Q8NE65	CACNA1H H3BNT0
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36576	TRIM23 D6RBN4	ATP6 H9SZG1
36577	MSX1 E9KXT1	OTUD7A Q8TE49
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36580	FARS2 O95363	QRFP P83859
36581	CPSF7 C9J323	SPP1 P10451
36582	ATP8 Q7YCD6	INSL3 M0QXQ3
36583	PRDM9 D2K7E8	PSMA4 H0YL69
36584	SPINK2 P20155	HLA-C M9PAD5

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 36588 USP41|H7BXX0 PDK3|Q15120
 36589 ND5|Q85KW4 HS3ST1|A0A024R9R4
 36590 SLC11A1|A0A024R474 ND4|D8L3G1
 36591 HLA-C|A0A0A7C7W3 MMEL1|J3KRD2
 36592 FPR1|M0R315 HLA-C|E2D5S6
 36593 HLTF|Q05DF7 DKFZp686I04252|Q6MZG8
 36594 USP17L15|C9J2P7 PP1187|Q8WYH2
 36595 HEL-S-42|V9HWD0 USP17L18|D6R9N7
 36596 COPZ2|J3QS21 HLA-A|D7NP83
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 36598 ZNF676|Q8N7Q3 ZNF253|O75346
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 36606 SLC2A11|F8WFA8 ATP6|H9SBL6
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 36611 FANCI|B7ZMF2 CDC40|Q5SRN1
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 36613 VIPR1|P32241 cytb|B1WA27
 36614 RB1CC1|Q8TDY2 LOXL2|E5RHH3
 36615 HLA-C|C6JSX7 TNS3|Q68CZ2
 36616 COX1|A0A097PVI9 SETD4|Q9NVD3
 36617 HEL-S-297|Q86Z22 TSR2|Q969E8
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 36628 OBFC2B|A0A024RB89 HLA-C|D2DKH1
 36629 ZFYVE28|Q9HCC9 HLA-C|M9P932
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 36637 HLA-B|F6KRQ7 ZNF302|B4DMN2
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 36642 PHYHIPL|Q96FC7 HLA-B|C0LAB1
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 36644 HLA-C|R4QIQ2 AVP|S6BQ34
 36645 TARSL2|A2RTX5 APRT|H3BQF1
 36646 AMIGO2|Q86SJ2 TRMU|O75648
 36647 TENC1|Q63HR2 HCR|A9XAF0
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36662	WDR45B Q5MNZ6	HLA-B D5M8C5
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36666	DKFZp586L0518 Q7L8P5	AEN H0YMJ6
36667	TSGA13 Q96PP4	DNAH11 Q75KM7
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36669	LEFTY1 O75610	COX1 A0A059RPW0
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36674	HLA-A G1EP78	CTSB E9PIS1
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36676	SH3BP5L Q7L8J4	PARP2 H0YH02
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36678	HLA-C G3D6I1	E2F4 H3BTM3
36679	HLA-C E7BYC9	ALK B6D4Y6
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36683	ELOVL6 D6RHI2	RNF19A Q9NV58
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36687	GPR156 Q8NFN8	CARD18 G5EA35
36688	EXOC3L2 Q2M3D2	HEMGN Q9BXL5
36689	HLA-G Q6B846	ATP8 Q3S937
36690	CFTR Q5I6N7	HLA-C K7R1Q7
36691	SPPL3 F5H2A2	ITPKA C9JC74
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36693	MAU2 Q9Y6X3	RPS11 M0QZC5
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36701	TPH2 B3VS40	ACBD5 X6RDD7
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36704	PRDM9 D2KI87	SLC11A2 F8W1F2
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36706	H0XC6 P09630	SLC7A2 P52569
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36709	AKTIP Q9H8T0	STX3 Q13277
36710	PPAPDC3 Q8NBV4	HLA-C C9WER2
36711	CIRBP K7EQR7	ND3 A4ZYK1
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36713	COX1 E5E1I3	VGLL4 G5E9M9
36714	ND5 V9J4S4	KALRN H7C1X7
36715	CEP192 K7ENP4	PNMA1 Q8ND90
36716	EGF P01133	PTPRD Q2HXI4
36717	DEGS2 Q6QHC5	MAPK3 E9PQW4
36718	UBE2W Q96B02	PTHLH P12272
36719	MOXD1 A6PVS1	RGL3 H3BRW0
36720	AR A0A087WUX9	POU6F1 Q3B832

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 36735 OR1N2|Q8NGR9 BAHD1|Q8TBE0
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 36748 DNAAF1|H3BP51 SUCO|Q9UBS9
 36749 B4GALNT1|F8TDK5 NRP2|Q96GU8
 36750 DKFZp547P028|Q8ND39 ALPPL2|P10696
 36751 CYTB|A0A059RHH6 SPRY1|D6RHD2
 36752 CYTB|A8JLE7 EPB42|H3BUR1
 36753 UBA5|Q9GZZ9 CASP10|B4E3T5
 36754 POLR3G|D6R921 IL23R|Q5VWK5
 36755 PINLYP|A6NC86 PXDNL|K4DIA6
 36756 SFXN2|A0A0C4DGR6 SH3TC2|Q8TF17
 36757 CLTC|J3KSQ2 NAALAD2|Q9Y3Q0
 36758 SNRPE|A6NKK2 TMBIM6|F8VSI7
 36759 HLA-E|S5RFZ0 BRIP1|Q9BX63
 36760 SLBP|Q53XR2 KIF6|B7ZKX5
 36761 C14orf172|A0A024R6Q2 VNN2|E9PRD9
 36762 AGAP5|A6NIR3 EXD2|C9JLF4
 36763 HLA-C|G1EQB8 SMR3B|P02814
 36764 SLC38A1|F8VX04 RREB1|C9JU34
 36765 ABI-2|Q53SH3 ND4|G3CA03
 36766 ND1|E5E138 CHAC2|Q8WUX2
 36767 AEBP2|G5EA50 DNASE1L3|C9J0L2
 36768 LMO3|C9JE61 CHEK2|B7ZBF2
 36769 HLA-C|D6C6E4 MICB|A0A024RCJ5
 36770 EBP|C9J719 ND4|Q8WCZ0
 36771 ANGPTL7|O43827 IRF1|C9JD95
 36772 HLA-B|Q8MHN6 UBQLN2|Q9UHD9
 36773 STX10|O60499 BTBD8|Q5XKL5
 36774 ND4|A6Z2B4 VMA21|Q3ZAQ7
 36775 HEL-S-109|V9HW75 OR2T27|Q8NH04
 36776 OXTR|C9JN09 PIGF|Q07326
 36777 HLA-B|Q1RPB9 NUDT22|Q9BRQ3
 36778 CEP78|Q5JTW2 PIAS3|Q9Y6X2
 36779 SLC35A2|B4DE15 ZC3HC1|Q86WB0
 36780 MAP2|A0A024R3Y8 DYRK3|Q5SY34
 36781 COX3|S4T6M3 NDUFB10|O96000
 36782 PCOLCE2|Q9UKZ9 ND5|R9Y599
 36783 MCF2|P10911 COX1|D6R5V9
 36784 KRT83|P78385 H2BFS|P57053
 36785 VWA9|Q96SY0 AR|D3YPQ3
 36786 HTR3B|O95264 ND6|A6Z1T4
 36787 TTBK2|Q6IQ55 UBQLN1|Q9UMX0
 36788 ITIH4|B2RMS9 HLA-B|D3U776

36789 MMEL1|J3KRD2 OPTC|Q9UBM4
 36790 LYPLA2|O95372 HLA-C|C9WET3
 36791 SMC1A|V9GYN9 EIF2B4|F8W8L6
 36792 BCR/ABL|A9UF08 HIST1H4A|P62805
 36793 TMEM123|Q8N131 RAB27A|A2RU94
 36794 ITGB2|E5RK25 CTNNAL1|Q5JQT9
 36795 ND2|A6Z655 OXSM|C9JQQ2
 36796 MTCL1|J3QL92 PTMS|P20962
 36797 CDH18|H0YAK3 VPS72|Q15906
 36798 ACD|Q96AP0 COII|I6PRP7
 36799 HLA-C|C6JSY0 ARSI|Q5FYB1
 36800 K14|Q13092 CEP350|H0YD38
 36801 LCAT|I3L0J6 RASGRP2|E7EM78
 36802 KRT7|Q3B834 OR5M8|Q8NGP6
 36803 CCND2|H0YGD4 PCDH18|B4DLR6
 36804 SFPQ|Q6PIX2 PRAMEF13|Q5VWM6
 36805 HTR2A|B3VRB5 GAGE1|Q13065
 36806 PPP1R11|O60927 PARP10|E9PQQ6
 36807 F5|C8C1T1 FADS1|C9JJB3
 36808 ATP8|H6WHT5 CYTB|H9QKM7
 36809 BRSK1|K7EN26 TLR1|Q5FWG5
 36810 MRPL9|Q9BYD2 CYP8B1|Q9UNU6
 36811 IMMP1L|E9PIG6 ND4|E7E4R3
 36812 HLA-B|A0A0B7M9W0 F11R|Q6FIB4
 36813 ZCCHC6|Q5VYS8 ND4|A0A059QM57
 36814 DKFZp313J0816|Q5HYF3 PSAT1|A0A024R222
 36815 HSF2|Q9BS48 TAF1C|Q15572
 36816 APC|A1YR11 FARSA|K7ER00
 36817 SLC1A7|L0C9Y3 PGM3|H0Y8I3
 36818 AKAP13|A0A087WYS7 AP3M2|E5RJ52
 36819 HINT3|Q9NQE9 CYTB|D7NUG4
 36820 XYLB|O75191 LYPLAL1|Q5VWZ2
 36821 ID1|P41134 CA1|E5RHP7
 36822 EDF1|O60869 FAM73A|Q8NAN2
 36823 CABLES1|Q8TDN4 SMUG1|Q53HV7
 36824 UTX|B7ZKN6 GFPT2|O94808
 36825 EVI2A|P22794 TJP2|Q9UDY2
 36826 DUS1L|F5H0Q0 HLA-C|D6MLE1
 36827 ABAT|H3BRJ1 LRRC4|Q9HBW1
 36828 ATP6|H9NRA4 ADORA1|A0A087X173
 36829 PIK3CD|A0A024R4H1 CD36|D9IX63
 36830 GAPDHS|O14556 CALCRL|B8ZZJ4
 36831 FLJ16008|A0A024RAI7 HLA-C|M9P956
 36832 PIK3CB|C9J345 CYTB|U3KX85
 36833 ABCC9|G3V1N6 ZSCAN5A|K7ESN6
 36834 TDP1|Q9BRS7 hCG_23833|D6W4Z6
 36835 DUX4|F8QWU0 ND4|A0A059RQW2
 36836 HLA-DRB1|Q9TP93 TTLL6|D3DTW0
 36837 GPR32|O75388 NAP1L1|B7Z9C2
 36838 CCT8L1P|A6NM43 RUNX1T1|W8FSQ2
 36839 KCND1|H7C3V4 ATP6|A6YVQ2
 36840 HTR2A|Q9P2Q9 SLC5A6|B3KNM2
 36841 HLA-DPB1|A0A0A7C705 CRYBB3|P26998
 36842 SLC01B1|A0A024RAU7 SLC9C1|Q4G0N8
 36843 HLA-A|D6MKZ9 F8|E3VWA2
 36844 DGKH|Q86XP1 CCR5|B0EX00
 36845 DPH3|Q96FX2 NEDD4|A0A024R5S9
 36846 SP100|H0Y4R8 RNFT2|Q96EX2
 36847 CYTB|G9LDW7 C1orf172|Q8NAX2
 36848 CYTB|F5GSU4 rps2|Q8J014
 36849 DCHS2|D3DP12 CHRNA5|P30532
 36850 MRPS7|J3QKW2 ERBB2|P04626
 36851 UTY|F4MH67 PIK3C3|K7EKH3
 36852 GRIK2|A0A0A0MR30 ERG|B2Y833
 36853 ALPI|P09923 ASAP1|H0YBF7
 36854 CCNI|Q6FHH0 PHKG1|F8WD25
 36855 TLR10|D1CS27 UGT1A4|Q0VAJ1
 36856 MGC12518|Q75LP1 COX3|X5CKC7

36857 CYTB|H9LK99 HLA-DRB2|Q29973
 36858 COX2|Q4F6A2 SRSF10|Q5JRI1
 36859 RPL18|Q0QEW2 MS4A2|E9PLJ1
 36860 CD63|A0A024RB05 ZSCAN30|M0QZP2
 36861 MLLT6|A0A087WW39 PAK2|H9XFB4
 36862 PDZD3|Q86UT5 ZNF589|A0A024R2U0
 36863 SHANK2|Q9UPX8 HLA-C|F2X646
 36864 NFX1|A0JLR2 DARC|A0A075DL39
 36865 TRIM38|A0A024QZY4 HLA-DRB1|M1LDI7
 36866 EFNA1|P20827 RAD18|F8WFA6
 36867 ND1|E5FWK8 EPS15L1|A5PKY0
 36868 SEMA5B|Q9P283 CTNNB1|E7EMJ5
 36869 ITGB5|D3DNA1 AP4M1|H7BZV3
 36870 HLA-C|W0NTM9 PHC1|P78364
 36871 NOXA1|Q86UR1 POGLUT1|Q8NBL1
 36872 FES|H0YNT6 HK1|B1AR63
 36873 ANTXR1|Q96EC6 PTH1R|Q0VGD7
 36874 HLA-C|A4UIJ4 HLA-B|G9I2L1
 36875 HLA-DPB1|A0A0A7C722 ALK|B6D4Y7
 36876 OTOR|Q9NRC9 HLA-DRB1|C8CJD1
 36877 ND2|H9SR06 SEPT9|K7ENQ5
 36878 hCG_1811539|A0A024QZV0 ZSCAN18|A0A0C4DG78
 36879 ATP6|A0A060BKR4 CPEB|E1CJT3
 36880 NEDD4L|A0A024R281 DOK3|A0A024R7M5
 36881 GRIP1|H0YFY3 CDK11B|J3QR44
 36882 DKFZp762A083|Q69YP8 ANAPC11|J3KSK3
 36883 UTY|E1NZ89 MC1R|V9QDQ6
 36884 ZNF331|E7EV14 APOA2|V9GYE3
 36885 HLA-A|G1END5 SIAH2|C9J9D7
 36886 CDC25A|P30304 CHTF18|Q8WVB6
 36887 ND5|E5DY58 G-gamma|Q14412
 36888 BRDT|Q58F21 RAPGEF4|X5D2S5
 36889 PRSSL1|B7ZMF6 UTY|E1NZ92
 36890 OR14A16|Q8NHC5 PPIF|A0A024QZS4
 36891 CCR3|A0A024R2Z3 CCT5|P48643
 36892 FLJ00186|Q8TEK8 TP53|A0A087WXZ1
 36893 CNFN|Q9BYD5 HK1|B1AR63
 36894 AP5Z1|O43299 MBD6|F8VU14
 36895 HLA-C|C5IZU6 KCNS1|Q96KK3
 36896 SLC9A1|P19634 NRB2F2|Q96F24
 36897 TLH6|Q9UJX1 KRT7|P08729
 36898 ACSF3|F5H362 SERPINA3|P01011
 36899 HSD11B1L|A0A087WWR3 B3GALNT1|R4X5Z0
 36900 ESX1|A6ZIU4 NAPRT1|Q6XQN6
 36901 ATP6V0A1|K7ELZ6 CDKN2B|P42772
 36902 AP1M1|Q9BXS5 TRPV1|Q09HS5
 36903 CARS2|A0A087WWV1 CYTB|A0A0A0PLC7
 36904 RANBP1|C9JJ34 PSMA1|F5GX11
 36905 MDH2|P40926 ND5|H9PDW3
 36906 CNOT2|H0YI80 THAP2|Q9H0W7
 36907 NLRP1|Q9C000 ND1|H9QF02
 36908 NBL1|P41271 KLK7|X2J289
 36909 VIP|H0Y763 MEF2A|H0YNI2
 36910 PPP1R35|Q8TAP8 HLA-A|I6QQS6
 36911 TRAI1P|E7ETV1 MAPK8|C9J762
 36912 TFPI|C9JT76 WDR77|Q9BQA1
 36913 HNF1A|A0A087WYP0 ATG4B|Q9Y4P1
 36914 PARP3|A0A024R2X5 ATP6|D2Y572
 36915 IRF8|H3BPS5 LMTK3|Q96Q04
 36916 NCF4|Q6FGM9 STX10|K7EK75
 36917 SIGLEC6|A0A024R4K4 ZNF235|K7EKI9
 36918 PLPPR4|W4VSQ3 ETV1|F8WEH6
 36919 KCNH2|Q6U287 TUBG1|P23258
 36920 MED22|Q5T8T8 TTN|A0A0A0MTS7
 36921 GPCPD1|H0Y565 KCNK5|A0A024RD32
 36922 ARHGEF17|Q96PE2 CAPZA3|Q96KX2
 36923 SH3BP5|F8WDU8 HLA-C|D7NR18
 36924 DHCR7|Q9UBM7 ZNF268|A0A075B6T9

36925 RBM45|H7C476 RHD|A9P3T1
 36926 MSX1|E9KY00 HLA-C|N1JUB6
 36927 ATP6|U3LRA8 CEP27|A0A024R9P0
 36928 C20orf59|H0UI90 ATP6|A3FPA1
 36929 CENPJ|H0Y5L8 ATP6|Q4ZEL1
 36930 WDR59|Q6PJI9 RFXAP|O00287
 36931 OR2M5|A3KFT3 HNRNPL|B4DVF8
 36932 CACNA1B|Q9HBI4 RAB24|D6RFW3
 36933 RPH3AL|Q9UNE2 SNRPD1|P62314
 36934 DMRT3|Q9NQL9 HADHB|B5MD38
 36935 APLP2|E9PK76 MYH14|A1L2Z2
 36936 CTNNA3|Q5SW23 ND5|A0A023Q756
 36937 SNX13|A0A087WUZ7 SLC24A5|H0YLZ0
 36938 COX3|Q15HG3 HLA-B|C9WD06
 36939 DDR2|H0Y570 PIGB|F5H1S1
 36940 ARFIP2|E9PPY7 TFEB|Q709A9
 36941 HBA1|I1VZV6 CYTB|H9PWU4
 36942 PEAR1|Q5VY43 ND2|V5JRM9
 36943 HK2|Q53QX9 HLA-DQB1|A0A0A7CAV6
 36944 NUCB2|A7LNF5 ZNF148|Q8IWK7
 36945 BRF1|Q3SYD8 ORF|Q7KYM9
 36946 HERC6|Q8IVU3 MOGAT2|Q3SYC2
 36947 TCIRG1|Q13488 SFRS14|A0A024R7K0
 36948 GMPR2|H0YMG3 HLA-DRB5|Q30154
 36949 CCR5|A0A089G3P4 DHDDS|E9PKJ5
 36950 ACTR3|P61158 COX3|Q4F2U0
 36951 TBRG1|Q3YBR2 RTL1|A6NKG5
 36952 SPANXC|Q9NY87 CXCR1|P25024
 36953 NAA38|O95777 BTRC|B7Z3H4
 36954 EXO5|X6RCL8 SSH1|H0YHR3
 36955 CACNA1E|Q9NYZ5 SGOL1|B5BUA4
 36956 AMY1A|Q5T084 COX3|G5D8E4
 36957 HEL-S-21|V9HWG9 ALDOA|P04075
 36958 ZNF266|A0A024R7B6 SEPT3|A8K1X2
 36959 HLA-DRB1|A0A0A7C3W1 HLA-C|V5L7F2
 36960 HLA-B|B2CYA0 PTPN9|Q6IQ43
 36961 NAT16|Q8N8M0 GPR52|F2YGU0
 36962 CHRNA3|D3DW87 RNASET2|D6REQ6
 36963 PCDH15|B7ZBT8 NCALD|E5RHE8
 36964 ATP6|H9QRR5 ND5|Q6VHD5
 36965 CYTB|V9JSZ1 ATP11B|H7C4W6
 36966 FAP|B4DLR2 CYTB|V9IZ98
 36967 CDH16|A0A0B4J288 NRP1|Q5JWQ4
 36968 COIII|Q4GG20 DDX19B|H3BMQ5
 36969 ACAA2|A0A024R269 ZNF277|A4D0S7
 36970 CDK14|O94921 ATXN3|D3VVS0
 36971 NPM2|Q86SE8 CREB3L4|Q5T4K9
 36972 DST|H0YBX0 MSX1|E9KY06
 36973 RNF39|Q2L6J4 FADS1|F5H3P6
 36974 BCS1L|C9J8G3 CA1|E5RGU8
 36975 TUBB|P07437 RUNX1T1|E7EQW7
 36976 TSPYL1|Q9H0U9 PPIG|C9JT64
 36977 COIII|Q4GC16 HLA-DQB1|Q9TQE4
 36978 TYSND1|Q2T9J0 TEK4|Q8WW24
 36979 ZMYM2|A0A087X151 TSEN34|B0V3J0
 36980 TLR9|D1CS62 HLA-C|D7NQX8
 36981 BTG4|E9PRM5 COX1|H9QDP9
 36982 TEF|H0Y797 RHD|W6AX83
 36983 MYLPF|Q96A32 ZNF433|F8W0C9
 36984 CCDC39|H7C4X6 TNS1|E7ERH1
 36985 TMEM198|Q66K66 DCD|P81605
 36986 DKFZp781H1425|Q68DI5 CHRNA7-2|B1N7G0
 36987 ND5|A0A059RVW9 DKFZp779P0659|Q7Z677
 36988 SLC22A11|Q9NSA0 SBN02|K7ES28
 36989 HLA-DR15|G9HW13 STAT1|Q67C41
 36990 MANBAL|Q9NQG1 RAB40B|I3L178
 36991 RNASET2|D6REQ6 PAIP1|D6RJ02
 36992 NAP1L1|P55209 CLCNKB|P51801

36993	EPR-1 Q14868	TEP1 G3V5X7
36994	GRM8 H7C4V5	IRAK4 Q9NWZ3
36995	XRCC1 M0QZ96	RASAL2 Q9UJF2
36996	GPR143 P51810	COX3 H9T5S2
36997	SRY Q6J0W5	CDC42SE2 Q9NRR3
36998	EFCAB1 A0A024R7U5	TATDN1 E5RID7
36999	SIAH2 O43255	CMTM1 Q8IZ96
37000	HLA-B G1EPW2	SENP3-EIF4A1 A0A087X0R7
37001	PROS1 Q1W146	RAD1 D6R9A1
37002	CYTB E9K9I4	HLA-C C7FDU1
37003	KY Q8NBH2	ND1 G3M8J7
37004	BCR/ABL A1Z199	NADH2 Q4GLJ9
37005	ND4 R9Y0J8	ITGB6 E9PEE8
37006	AKAP13 Q12802	ATPase B9EFX3
37007	HCR A9XAJ2	B4GALT7 Q9UBV7
37008	HLA-A E2DH82	SGMS2 Q8NHU3
37009	GPR143 C9J9N1	ATP6 A0A096VYY1
37010	UMPS E9PFD2	LUC7L3 H0YAY6
37011	ARFGAP1 Q8N6T3	HLA-C E0WBW6
37012	PFKP B1APP8	FLNA Q6NXF2
37013	IFITM5 A6NNB3	HLA-DRB1 S6AP21
37014	CFL1 E9PQB7	HLA-A Q95IY8
37015	ZNF570 K7ENX9	KCNS1 A2RUL8
37016	TMPRSS4 H0YBM5	IL12B A0A0C5Q0C7
37017	ATP1B3 H7C547	EBF2 Q9HAK2
37018	FBNP1 Q96RU3	PRMT7 H3BNS2
37019	CABIN1 A0A024R1E5	ILF2 X6R6Z1
37020	DDR1 A0A024RCL1	DKFZp313C1916 Q5HYF5
37021	TUBB8 A0A075B735	CYTB B8R3C3
37022	TSR2 Q969E8	CCNT2 H7BZ27
37023	DKFZp68602183 Q7Z3H1	EPS8 F5GYM8
37024	KLK4 Q4VB17	SORBS2 O94875
37025	MOBP C9JAR7	KPG_011 Q5KU17
37026	HEL-S-52 V9HWG7	HLA-C F6KRW6
37027	TRPV1 Q09HS5	FAM22F B7ZLH0
37028	GLIS3 Q1PHJ7	DTD2 Q96FN9
37029	HLA-C A0A0A7C693	HLA-Cw F5CL10
37030	MEF2D Q4LE66	RAPGEF3 F8VXK1
37031	TAF4 V9GY03	TOR3A A0A024R943
37032	COX2 Q4EYL1	GHRHR A0A090N8Y6
37033	KCND2 Q75LS7	RIN2 Q8WYP3
37034	EIF3B C9JQN7	DUOXA1 H0YKF3
37035	ZBTB40 F8WAI8	ORC4 C9JGH7
37036	P2RX3 H0YDR6	CHN2 B3VCG2
37037	ND5 R9Y4B7	DERL2 Q9GZP9
37038	ARID1A Q4LE49	TOMM34 Q15785
37039	MTMR1 H0YDX3	PDP2 H3BV50
37040	HLA-A D3U422	CDY1 Q9Y6F8
37041	PABPC4L P0CB38	SESTD1 Q86VW0
37042	RBMX2 Q5JY83	MYEF2 H0YKS1
37043	ND1 H9E7T0	HLA-C M9PAG0
37044	ATPase Q4GH61	HLA-Cw C1K9J2
37045	STK32A Q8WU08	ND4 Q9B1S7
37046	MEX3A A1L020	APC A0A087X2F3
37047	GNAL P38405	PIK3R1 E5RJY0
37048	CO1 E2CZ38	RFPL2 O75678
37049	DDX42 Q86XP3	KIAA0141 Q14154
37050	HLA-Cw C7EDP3	RPL29 Q6IPI1
37051	ND5 K7WBF9	ZNF266 K7EQP7
37052	AP1G1 O43747	HLA-B A0A0B7MB11
37053	FGF7 H0YNE7	UMOD X6RBG4
37054	ZHX2 Q9Y6X8	NFIA Q12857
37055	C14orf1 Q9UKR5	GSTA2 P09210
37056	IGLC1 P0CG04	NDUFB1 O75438
37057	TXNL1 O43396	POU2F2 P09086
37058	KRT15 P19012	RNF19B Q6ZMZ0
37059	JAM2 P57087	ST5 P78524
37060	HNRNPf P52597	RYR1 P21817

37061	GSN P06396	SAMHD1 Q9Y3Z3
37062	ANKRD13A Q8IZ07	EXPH5 Q8NEV8
37063	SRGAP3 O43295	ADRB3 P13945
37064	LRPAP1 P30533	IGFBP1 P08833
37065	SETX Q7Z333	ELM01 Q92556
37066	RHEBL1 Q8TAI7	RABEP2 Q9H5N1
37067	RNF126 Q9BV68	FAM136A Q96C01
37068	BIRC7 Q96CA5	FNIP1 Q8TF40
37069	FBX024 O75426	NUP37 Q8NFH4
37070	EGLN1 Q9GZT9	MSH4 O15457
37071	ANAPC2 Q9UJX6	ATP6V1B1 P15313
37072	INPP5B P32019	NAT8 Q9UHE5
37073	PHLPP1 O60346	CHL1 O00533
37074	SETMAR Q53H47	ETS2 P15036
37075	NFKBIB Q15653	MRPS34 P82930
37076	ABC88 Q9NUT2	HRH4 Q9H3N8
37077	HSPE1 P61604	SNX24 Q9Y343
37078	FKBP5 Q13451	RAD50 Q92878
37079	CEP72 Q9P209	TRIM31 Q9BZY9
37080	DNPEP Q9ULA0	CCR7 P32248
37081	AKR7A2 O43488	SYTL2 Q9HCH5
37082	PRRC2B Q5JSZ5	LRAT O95237
37083	APOB P04114	PLEKHS1 Q5SXH7
37084	UBE2R2 Q712K3	APEH P13798
37085	TRAPPC4 Q9Y296	ACADM P11310
37086	BAIAP2L1 Q9UHR4	MLLT10 P55197
37087	GAS2L1 Q99501	DNAI2 Q9GZS0
37088	ANKRD54 Q6NXT1	CHST15 Q7LFX5
37089	CELF2 O95319	FARP2 O94887
37090	MRPS9 P82933	TMEM9B Q9NQ34
37091	RAD21 O60216	ERF P50548
37092	NOD2 Q9HC29	PDCD6IP Q8WUM4
37093	THEM4 Q5T1C6	ELOVL1 Q9BW60
37094	HLA-A P10314	HIST1H1B P16401
37095	TTBK1 Q5TCY1	RPL37A P61513
37096	PRB4 P10163	CALY Q9NYX4
37097	REG3A Q06141	SEN5 Q96HI0
37098	PAX6 P26367	NOS1AP O75052
37099	ANAPC7 Q9UJX3	TGFBI Q15582
37100	SETD7 Q8WTS6	UBE2I P63279
37101	NANS Q9NR45	NBPF11 Q86T75
37102	KCNK3 O14649	ISOC2 Q96AB3
37103	B9D2 Q9BPU9	L1CAM P32004
37104	FBLN1 P23142	REPS2 Q8NFH8
37105	EIF3A Q14152	NKD2 Q969F2
37106	CACHD1 Q5VU97	RGS5 O15539
37107	ZDHHC16 Q969W1	MAGED2 Q9UNF1
37108	TYRO3 Q06418	TTF2 Q9UNY4
37109	JMJD1C Q15652	RAD50 Q92878
37110	ATG12 O94817	P2RX1 P51575
37111	COG2 Q14746	HMG20A Q9NP66
37112	RASSF8 Q8NHQ8	SLC17A7 Q9P2U7
37113	LMO2 P25791	CADM1 Q9BY67
37114	STXBP3 O00186	SLC22A6 Q4U2R8
37115	CUL1 Q13616	CCIN Q13939
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37505	SLMAP Q14BN4	PAXIP1 Q6ZW49
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37507	SEC61B P60468	IRAK1 P51617
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38737	DCAF4 Q8WV16	NAT2 P11245
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38739	IRF7 Q92985	UCHL1 P09936
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38927	YWHAE P62258	BMPR1B O00238
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38929	WDR34 Q96EX3	RAVER2 Q9HCJ3
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38937	DLG1 Q12959	APBA2 Q99767
38938	TOMM34 Q15785	NEUROG2 Q9H2A3
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38940	TMEM222 Q9H0R3	ERP44 Q9BS26
38941	RPP21 Q9H633	INSL3 P51460
38942	ISL1 P61371	PRKCE Q02156
38943	CTSS P25774	CYFIP2 Q96F07
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38988	LIPE Q05469	ROCK2 Q75116
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40726	BTG2 P78543	MBD5 Q9P267
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40729	PDILT Q8N807	SPTBN1 Q01082
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40731	KLC3 Q6P597	GFAP P14136
40732	VDR P11473	NPY5R Q15761

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40738	HOXD9 P28356	HTR1B P28222
40739	GALR1 P47211	MAP3K7CL P57077
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40928	ASUN Q9NVM9	KHSRP Q92945
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 41091 IFNA1|P01562 RAB9A|P51151
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