

**Supplementary Table 1. Association results for 81 previously reported risk loci from GWAS meta-analysis.**

rsid	ChrPos (GRCh 37)	Cytoband	Effect Allele	Other Allele	OR_CLNSCLC	P.NSCLC	OR_CLAD	P.AD	OR_CLSqCC	P.SqCC	index SNP	r <sup>2</sup>	Histology	PMID
rs71658797	chr1:77967507	1p31.1	A	T	1.16 (1.09, 1.22)	8.71E-07	1.18 (1.09, 1.26)	1.06E-05	1.13 (1.04, 1.23)	4.57E-03	rs71658797	1	NSCLC	28604730
rs3769821	chr2:202123430	2q33.1	T	C	0.93 (0.90, 0.95)	4.45E-08	0.94 (0.91, 0.97)	9.68E-05	0.93 (0.89, 0.97)	2.66E-04	rs3769821	1	NSCLC	31326317
rs17038564	chr2:65496058	2p14	A	G	0.91 (0.87, 0.95)	1.13E-05	0.87 (0.83, 0.91)	1.87E-08	1.02 (0.95, 1.10)	5.21E-01	rs17038564	1	Lung AD	31326317
rs2293607	chr3:169482335	3q26.2	T	C	1.10 (1.06, 1.13)	1.82E-10	1.14 (1.11, 1.18)	1.34E-15	1.00 (0.96, 1.04)	8.73E-01	rs2293607	1	Lung AD	31326317
rs11375254	chr3:189343242	3q28	T	TA	1.13 (1.10, 1.16)	1.35E-20	1.18 (1.14, 1.22)	8.01E-26	1.07 (1.03, 1.11)	6.84E-04	rs13080835	0.86	NSCLC	31326317
rs4488809	chr3:189356261	3q28	T	C	1.13 (1.10, 1.16)	1.03E-20	1.17 (1.14, 1.21)	1.72E-25	1.07 (1.03, 1.11)	1.25E-03	rs13080835	1	NSCLC	21725308
rs13080835	chr3:189357199	3q28	T	G	0.88 (0.86, 0.91)	9.93E-21	0.85 (0.83, 0.88)	1.78E-25	0.94 (0.90, 0.98)	1.21E-03	rs13080835	1	NSCLC	28604730
rs13314271	chr3:189357602	3q28	T	C	1.13 (1.10, 1.16)	1.00E-20	1.17 (1.14, 1.21)	1.79E-25	1.07 (1.03, 1.11)	1.20E-03	rs13080835	1	NSCLC	24880342
rs10937405	chr3:189383183	3q28	T	C	0.92 (0.89, 0.94)	2.47E-10	0.90 (0.87, 0.93)	8.05E-11	0.93 (0.90, 0.97)	6.28E-04	rs10937405	1	NSCLC	22797724
rs2131877	chr3:194858374	3q29	A	G	1.03 (1.00, 1.07)	2.26E-02	1.03 (1.00, 1.07)	6.99E-02	1.05 (1.01, 1.10)	1.87E-02	rs2131877	1	NSCLC	20876614
rs13167280	chr5:1280477	5p15.33	A	G	1.24 (1.19, 1.28)	4.59E-32	1.33 (1.27, 1.38)	5.12E-42	1.06 (1.01, 1.12)	2.70E-02	rs13167280	1	Lung AD	31326317
rs7705526	chr5:1285974	5p15.33	A	C	1.20 (1.17, 1.24)	1.06E-42	1.31 (1.27, 1.35)	4.29E-65	1.01 (0.97, 1.05)	7.80E-01	rs7705526	1	Lung AD	28604730
rs2736100	chr5:1286516	5p15	A	C	0.85 (0.83, 0.88)	1.36E-33	0.79 (0.77, 0.82)	3.58E-51	0.99 (0.95, 1.03)	7.05E-01	rs7705526	0.66	Lung AD	26319099, 22797724
rs2853677	chr5:1287194	5p15.33	A	G	0.84 (0.81, 0.86)	3.27E-41	0.78 (0.75, 0.80)	1.01E-59	0.99 (0.95, 1.03)	5.97E-01	rs2853677	1	Lung AD	22797724, 22899653
rs4635969	chr5:1308552	5p15	A	G	0.84 (0.81, 0.87)	1.96E-20	0.83 (0.80, 0.87)	7.72E-18	0.87 (0.82, 0.91)	1.64E-07	rs4635969	1	NSCLC	19836008
rs4975616	chr5:1315660	5p15.33	A	G	1.18 (1.15, 1.22)	3.60E-29	1.17 (1.13, 1.21)	8.70E-19	1.20 (1.15, 1.25)	1.17E-16	rs465498	0.88	NSCLC	19654303
rs401681	chr5:1322087	5p15.33	T	C	0.86 (0.83, 0.88)	7.37E-30	0.86 (0.84, 0.89)	1.06E-20	0.85 (0.82, 0.89)	6.33E-15	rs465498	0.73	NSCLC	22899653
rs465498	chr5:1325803	5p15.33	A	G	1.18 (1.15, 1.22)	1.79E-30	1.17 (1.13, 1.21)	1.21E-19	1.21 (1.16, 1.26)	6.11E-18	rs465498	1	NSCLC	21725308, 22899653
rs31489	chr5:1342714	5p15	A	C	0.85 (0.83, 0.88)	1.30E-26	0.86 (0.83, 0.89)	5.52E-17	0.84 (0.80, 0.88)	2.20E-15	rs465498	0.89	NSCLC	19836008
rs2895680	chr5:146644115	5q32	T	C	0.97 (0.94, 0.99)	2.09E-02	0.96 (0.93, 0.99)	1.23E-02	0.99 (0.94, 1.03)	5.51E-01	rs2895680	1	NSCLC	22797725
rs5879422	chr6:117784658	6q22.1	T	TTG	1.08 (1.05, 1.11)	4.36E-09	1.11 (1.08, 1.14)	8.54E-12	1.02 (0.98, 1.06)	4.42E-01	rs5879422	1	NSCLC	31326317
rs9387478	chr6:117786180	6q22.2	A	C	0.93 (0.90, 0.95)	8.16E-09	0.90 (0.87, 0.93)	1.76E-11	0.98 (0.95, 1.02)	4.31E-01	rs5879422	0.99	NSCLC	23143601
rs6920364	chr6:167376466	6q27	C	G	1.06 (1.03, 1.09)	2.61E-05	1.06 (1.02, 1.09)	8.42E-04	1.06 (1.02, 1.11)	3.23E-03	rs6920364	1	NSCLC	28604730
rs2517873	chr6:29875992	6p22.1	A	G	1.16 (1.11, 1.21)	4.60E-11	1.13 (1.08, 1.20)	3.12E-06	1.23 (1.15, 1.31)	2.07E-10	rs2517873	1	NSCLC	31326317
rs1264308	chr6:30879987	6p21.33	T	C	1.16 (1.10, 1.23)	1.72E-07	1.11 (1.03, 1.19)	3.70E-03	1.29 (1.19, 1.40)	5.93E-10	rs1264308	1	NSCLC	27288692
rs2523571	chr6:31329691	6p21-22	A	T	1.11 (1.05, 1.16)	7.49E-05	1.06 (1.00, 1.13)	4.47E-02	1.21 (1.13, 1.31)	2.21E-07	rs2523546	0.76	Lung SqCC	22899653
rs2523546	chr6:31332920	6p21-22	A	G	1.12 (1.06, 1.18)	6.05E-05	1.06 (0.99, 1.14)	7.54E-02	1.24 (1.14, 1.34)	9.33E-08	rs2523546	1	Lung SqCC	22899653
rs3094604	chr6:31434111	6p21.33	A	G	0.96 (0.92, 0.99)	1.04E-02	1.01 (0.97, 1.05)	7.41E-01	0.86 (0.82, 0.91)	1.85E-08	rs3094604	1	Lung SqCC	28604730
rs9469031	chr6:31595795	6p21.33	T	C	0.89 (0.77, 1.04)	1.43E-01	0.94 (0.80, 1.11)	4.66E-01	0.79 (0.62, 1.01)	5.58E-02	rs9469031	1	NSCLC	25937444
rs3117582	chr6:31620520	6p21-22	T	G	0.87 (0.82, 0.92)	1.89E-06	0.91 (0.84, 0.98)	1.07E-02	0.77 (0.71, 0.84)	2.20E-09	rs3117582	1	NSCLC	22899653
rs3115672	chr6:31727897	6p21.33	T	C	1.15 (1.08, 1.22)	4.38E-06	1.10 (1.02, 1.19)	1.18E-02	1.28 (1.17, 1.39)	1.50E-08	rs3117582	0.97	NSCLC	27288692
rs3817963	chr6:32368087	6p21.3	T	C	0.98 (0.95, 1.01)	2.53E-01	0.97 (0.93, 1.00)	5.60E-02	1.02 (0.98, 1.07)	3.24E-01	rs3817963	1	Lung AD	22797724
rs2395185	chr6:32433167	6p21.32	T	G	1.05 (1.02, 1.08)	1.12E-03	1.07 (1.03, 1.10)	5.59E-05	1.00 (0.96, 1.04)	9.76E-01	rs2395185	1	Lung AD	23143601
rs7741164	chr6:41493412	6p21.1	A	G	1.13 (1.09, 1.18)	8.07E-10	1.17 (1.12, 1.22)	3.83E-12	1.03 (0.97, 1.10)	2.81E-01	rs1853837	0.72	NSCLC	26732429
rs1853837	chr6:41497035	6p21.1	A	C	1.12 (1.08, 1.15)	1.21E-10	1.14 (1.10, 1.18)	2.98E-11	1.06 (1.00, 1.11)	3.79E-02	rs1853837	1	NSCLC	31326317
rs2285947	chr7:21584088	7p15.3	A	G	1.02 (0.99, 1.05)	1.85E-01	1.01 (0.98, 1.05)	4.08E-01	1.02 (0.98, 1.07)	2.64E-01	rs2285947	1	NSCLC	23103227
rs11780471	chr8:27344719	8p21.1	A	G	0.86 (0.80, 0.93)	9.58E-05	0.86 (0.79, 0.95)	1.61E-03	0.89 (0.80, 0.99)	2.67E-02	rs11780471	1	NSCLC	28604730
rs4236709	chr8:32410110	8p12	A	G	0.89 (0.86, 0.92)	1.11E-12	0.85 (0.82, 0.88)	8.83E-17	0.94 (0.90, 0.99)	1.37E-02	rs4236709	1	Lung AD	28604730

rs4573350	chr9:124955115	9q33.2	T	C	1.05 (1.02, 1.08)	7.13E-04	1.01 (0.98, 1.05)	4.42E-01	1.13 (1.09, 1.18)	3.23E-09	rs4573350	1	Lung SqCC	31326317
rs10429489	chr9:21787521	9p21.3	A	G	1.11 (1.08, 1.15)	6.92E-10	1.16 (1.11, 1.20)	3.65E-13	1.05 (1.00, 1.11)	5.56E-02	rs10429489	1	Lung AD	31326317
rs885518	chr9:21830157	9p21.3	A	G	0.90 (0.87, 0.93)	1.86E-09	0.87 (0.84, 0.90)	1.02E-12	0.95 (0.90, 1.00)	5.12E-02	rs10429489	0.9	Lung AD	28604730
rs1333040	chr9:22083404	9p21.3	T	C	0.97 (0.94, 1.00)	2.63E-02	0.98 (0.95, 1.01)	1.85E-01	0.95 (0.91, 0.99)	1.34E-02	rs1333040	1	Lung SqCC	22899653
rs72658409	chr9:22160087	9p21.3	T	C	0.93 (0.89, 0.98)	8.36E-03	0.93 (0.88, 0.99)	2.00E-02	0.98 (0.91, 1.05)	5.74E-01	rs72658409	1	NSCLC	26732429
rs35201538	chr9:33422488	9p13.3	CT	C	0.94 (0.91, 0.97)	1.28E-05	0.91 (0.88, 0.94)	1.99E-08	1.01 (0.96, 1.05)	8.10E-01	rs35201538	1	Lung AD	31326317
rs11591710	chr10:105687632	10q24.3	A	C	0.92 (0.88, 0.97)	1.03E-03	0.88 (0.83, 0.93)	1.23E-05	1.01 (0.94, 1.08)	8.54E-01	rs11591710	1	Lung AD	28604730
rs12265047	chr10:114487925	10q25.2	A	G	0.89 (0.85, 0.92)	7.50E-10	0.85 (0.82, 0.89)	4.24E-13	0.98 (0.92, 1.04)	5.07E-01	rs12265047	1	NSCLC	31326317
rs7086803	chr10:114498476	10q25.2	A	G	1.12 (1.08, 1.17)	3.59E-09	1.17 (1.12, 1.23)	3.15E-13	1.01 (0.95, 1.08)	7.06E-01	rs12265047	0.93	NSCLC	23143601
rs1663689	chr10:9025195	10p14	T	C	1.01 (0.98, 1.04)	4.73E-01	0.99 (0.96, 1.02)	5.11E-01	1.07 (1.03, 1.12)	1.48E-03	rs1663689	1	NSCLC	22797725
rs55768116	chr11:118108331	11q23.3	A	C	0.91 (0.88, 0.93)	2.23E-13	0.89 (0.86, 0.91)	3.88E-15	0.95 (0.91, 0.99)	9.80E-03	rs55768116	1	Lung AD	31326317
rs1056562	chr11:118125625	11q23.3	T	C	1.10 (1.07, 1.13)	3.11E-13	1.13 (1.09, 1.16)	4.93E-15	1.05 (1.01, 1.09)	1.25E-02	rs55768116	0.85	Lung AD	28604730
rs12296850	chr12:100820085	12q23.1	A	G	0.99 (0.96, 1.03)	6.93E-01	0.97 (0.93, 1.01)	1.89E-01	1.04 (0.98, 1.10)	2.33E-01	rs12296850	1	Lung SqCC	23341777
rs3748522	chr12:1058688	12p13.33	A	C	0.95 (0.93, 0.98)	2.64E-04	0.97 (0.94, 1.00)	4.00E-02	0.91 (0.88, 0.95)	7.16E-06	rs3748522	1	Lung SqCC	22899653
rs6489769	chr12:1072965	12p13.33	T	C	1.04 (1.02, 1.07)	1.55E-03	1.04 (1.01, 1.07)	1.42E-02	1.07 (1.03, 1.11)	1.12E-03	rs6489769	1	Lung SqCC	22585858
rs11610143	chr12:52349071	12q13.13	C	G	1.01 (0.98, 1.04)	5.13E-01	1.03 (0.99, 1.07)	1.30E-01	0.97 (0.92, 1.01)	1.39E-01	rs11610143	1	NSCLC	26732429
rs7953330	chr12:998819	12p13.33	C	G	0.96 (0.93, 0.99)	5.32E-03	0.98 (0.95, 1.02)	3.43E-01	0.92 (0.88, 0.96)	1.36E-04	rs7953330	1	Lung SqCC	28604730
rs753955	chr13:24293859	13q12.12	A	G	0.96 (0.94, 0.99)	6.12E-03	0.95 (0.92, 0.98)	2.49E-03	0.96 (0.92, 1.00)	6.23E-02	rs753955	1	NSCLC	21725308
rs56084662	chr13:32869864	13q13.1	A	G	1.52 (1.23, 1.89)	1.39E-04	1.37 (1.04, 1.82)	2.51E-02	2.04 (1.47, 2.83)	1.83E-05	rs11571833	0.64	Lung SqCC	24880342
rs11571833	chr13:32972626	13q13.1	A	T	0.67 (0.56, 0.79)	4.63E-06	0.78 (0.62, 0.98)	2.97E-02	0.50 (0.39, 0.64)	4.84E-08	rs11571833	1	Lung SqCC	24880342
rs1200399	chr14:35293185	14q13.1	T	C	0.90 (0.87, 0.93)	3.05E-09	0.88 (0.85, 0.92)	2.70E-10	0.97 (0.92, 1.02)	2.25E-01	rs1200399	1	Lung AD	31326317
rs66759488	chr15:47577451	15q21.1	A	G	1.04 (1.01, 1.07)	2.30E-02	1.02 (0.98, 1.06)	3.00E-01	1.04 (0.99, 1.09)	8.16E-02	rs66759488	1	NSCLC	28604730
rs77468143	chr15:49376624	15q21.1	T	G	1.09 (1.05, 1.12)	1.24E-07	1.14 (1.10, 1.18)	7.48E-12	1.00 (0.95, 1.04)	8.48E-01	rs77468143	1	Lung AD	28604730
rs8034191	chr15:78806023	15q25	T	C	0.80 (0.78, 0.83)	3.29E-37	0.82 (0.78, 0.85)	5.62E-22	0.80 (0.76, 0.84)	3.28E-19	rs55781567	0.91	NSCLC	22899653
rs55781567	chr15:78857986	15q25.1	C	G	0.79 (0.76, 0.81)	8.44E-44	0.80 (0.77, 0.84)	8.74E-26	0.78 (0.74, 0.82)	2.05E-23	rs55781567	1	NSCLC	28604730
rs6495306	chr15:78865893	15q25	A	G	1.06 (1.03, 1.09)	1.54E-04	1.06 (1.03, 1.10)	3.29E-04	1.03 (0.99, 1.07)	1.82E-01	rs6495306	1	NSCLC	22899653
rs680244	chr15:78871288	15q25	T	C	0.95 (0.93, 0.98)	7.94E-04	0.95 (0.92, 0.98)	1.53E-03	0.98 (0.94, 1.02)	2.69E-01	rs6495306	0.86	NSCLC	22899653
rs16969968	chr15:78882925	15q25.1	A	G	1.26 (1.22, 1.31)	1.35E-41	1.25 (1.20, 1.30)	1.08E-25	1.28 (1.22, 1.34)	2.68E-22	rs55781567	0.93	NSCLC	18385738
rs1051730	chr15:78894339	15q25	A	G	1.26 (1.22, 1.31)	8.42E-42	1.25 (1.20, 1.30)	9.00E-26	1.28 (1.21, 1.34)	3.23E-22	rs55781567	0.93	NSCLC	22899653
rs938682	chr15:78896547	15q25.1	A	G	1.13 (1.10, 1.16)	1.13E-16	1.09 (1.06, 1.13)	2.27E-07	1.19 (1.14, 1.24)	3.37E-15	rs938682	1	NSCLC	19654303
rs12914385	chr15:78898723	15q25	T	C	1.17 (1.13, 1.20)	9.26E-29	1.14 (1.10, 1.17)	1.65E-15	1.19 (1.14, 1.24)	1.48E-17	rs12914385	1	NSCLC	19836008
rs8042374	chr15:78908032	15q25.1	A	G	1.13 (1.10, 1.17)	2.05E-16	1.10 (1.06, 1.13)	1.68E-07	1.19 (1.14, 1.24)	2.24E-14	rs8042374	1	NSCLC	19654303
rs6495309	chr15:78915245	15q25	T	C	0.89 (0.87, 0.92)	8.63E-15	0.92 (0.89, 0.95)	1.03E-06	0.85 (0.81, 0.89)	1.56E-13	rs938682	0.89	NSCLC	22899653
rs7216064	chr17:65898809	17q24.3	A	G	1.09 (1.06, 1.12)	1.19E-08	1.11 (1.07, 1.15)	4.26E-09	1.07 (1.02, 1.11)	4.65E-03	rs200595745	0.94	NSCLC	22797724
rs200595745	chr17:65915289	17q24.2	A	AAATAATAAT	1.09 (1.06, 1.12)	2.37E-09	1.11 (1.07, 1.14)	4.23E-09	1.08 (1.03, 1.12)	8.17E-04	rs200595745	1	NSCLC	31326317
rs56113850	chr19:41353107	19q13.2	T	C	0.92 (0.89, 0.94)	2.69E-09	0.93 (0.89, 0.96)	8.41E-06	0.91 (0.87, 0.95)	2.23E-05	rs56113850	1	NSCLC	28604730
rs6141383	chr20:31889141	20q11.21	A	G	0.94 (0.77, 1.15)	5.57E-01	0.95 (0.76, 1.17)	6.11E-01	0.86 (0.63, 1.18)	3.47E-01	rs6141383	1	NSCLC	25937444
rs4809957	chr20:52771171	20q13.2	A	G	1.03 (1.00, 1.06)	6.67E-02	1.02 (0.99, 1.06)	2.37E-01	1.02 (0.98, 1.06)	3.89E-01	rs4809957	1	NSCLC	22797725
rs41309931	chr20:62326579	20q13.33	T	G	1.04 (1.01, 1.08)	1.62E-02	1.07 (1.03, 1.11)	1.49E-03	0.99 (0.94, 1.04)	7.02E-01	rs41309931	1	Lung AD	28604730
rs36600	chr22:30337586	22q12.2	T	C	1.00 (0.97, 1.04)	7.86E-01	0.99 (0.95, 1.03)	7.52E-01	1.03 (0.98, 1.08)	3.11E-01	rs36600	1	NSCLC	21725308
rs17728461	chr22:30598552	22q12.2	C	G	0.96 (0.94, 0.99)	1.44E-02	0.96 (0.93, 1.00)	3.28E-02	0.96 (0.92, 1.00)	7.92E-02	rs17728461	1	NSCLC	21725308

Abbreviations: AD: adenocarcinoma; SqCC: squamous cell carcinoma.

**Supplementary Table 2. Predictions and weighting scheme used in extended INQUISIT strategy.**

Factor	Feature	Datasource	Distal	Promoter	Coding	Score contributed by	Score
A	Experimental interaction	Hi-C	Y			SNP-Gene pair	+2
B	Computational predicted enhancer	PreSTIGE or FANTOM5 Predicted Enhancer	Y			SNP-Gene pair	+1
C	Transcription factor binding in experimental enhancer	FOSL2, FOXA1, GABPA, MAFK, MAX, NR3C1, NRSF, POLR2A, RAD21, SIN3AK20, SIX5, TAF1, TCF12, USF1, YY1, ZBTB33	Y	Y		SNP-Enhancer-Gene	+1 for each binding site, maximum 2
C	Transcription factor binding in computationally predicted enhancer	FOSL2, FOXA1, GABPA, MAFK, MAX, NR3C1, NRSF, POLR2A, RAD21, SIN3AK20, SIX5, TAF1, TCF12, USF1, YY1, ZBTB33	Y	Y		SNP-Enhancer-Gene	+1
D	SNP-expression association	eQTL	Y	Y		SNP-Gene pair	+1
F	Biologically relevant gene	Lung cancer driver gene	Y	Y	Y	Gene	+1
G	Promoter activity	H3K4me3 or H3K9ac (promoter associated mark)		Y		SNP-Gene pair	+1
H	Coding impact	Non-synonymous			Y	SNP-Gene pair	+1
I	Coding impact	Deleterious missense prediction			Y	SNP-Gene pair	+1
J	Coding impact	Truncating prediction			Y	SNP-Gene pair	+1
K	Chromosome structure	Intervening TAD boundary	Y			SNP-Gene pair	x0.05
L	Expression	Lack of RNA-seq signal	Y	Y	Y	Gene	x0.1
M	Transcription factor binding in promoter histone modification peaks	FOSL2, FOXA1, GABPA, MAFK, MAX, NR3C1, NRSF, POLR2A, RAD21, SIN3AK20, SIX5, TAF1, TCF12, USF1, YY1, ZBTB33		Y		Gene	+1

**Score equations:**

Distal	$(A+B+C+D+E+F) \times K \times L$
Promoter	$(E+F+G+M) \times L$
Coding	$(F+H+I+J) \times L$

**Supplementary Table 3. List of 53 genomic predictors considered for association with credible risk variants.**

Feature	Type	Factor	Cell line/ Tissue	Further information	Source
exons				Exons	UCSC
TSS				TSS	UCSC
introns				Introns	UCSC
HiC interaction	long range chromatin interactions		A549		ENCODE <a href="https://www.encodeproject.org/experiments/ENCSR662QKG/">https://www.encodeproject.org/experiments/ENCSR662QKG/</a>
TAD	topologically associated domains		A549		ENCODE <a href="https://www.encodeproject.org/experiments/ENCSR662QKG/">https://www.encodeproject.org/experiments/ENCSR662QKG/</a>
human_enhancer_tss_associations	Enhancer_mark			Extended enhancers determined by FANTOM5 (mid position $\pm$ 200 bp)	Fantom DB <a href="http://enhancer.binf.ku.dk/presets/enhancer_tss_associations.bed">http://enhancer.binf.ku.dk/presets/enhancer_tss_associations.bed</a>
predicted enhancer by PreSTIGE	Enhancer_mark		NHLF	Set of enhancers determined by PreSTIGE	PreSTIGE database for known gene-enhancer predicted pairs: <a href="http://genetics.case.edu/prestige/">http://genetics.case.edu/prestige/</a>
TFBS	Transcription factor binding sites	ATF3	A549	Transcription Factor Binding Sites by ChIP-seq from ENCODE	UCSC <a href="http://hgdownload.soe.ucsc.edu/goldenPath">http://hgdownload.soe.ucsc.edu/goldenPath</a>
TFBS	Transcription factor binding sites	BCL3	A549	Transcription Factor Binding Sites by ChIP-seq from ENCODE	UCSC <a href="http://hgdownload.soe.ucsc.edu/goldenPath">http://hgdownload.soe.ucsc.edu/goldenPath</a>
TFBS	Transcription factor binding sites	BHLHE40	A549	Transcription Factor Binding Sites by ChIP-seq from ENCODE	UCSC <a href="http://hgdownload.soe.ucsc.edu/goldenPath">http://hgdownload.soe.ucsc.edu/goldenPath</a>
TFBS	Transcription factor binding sites	CEBPB	A549	Transcription Factor Binding Sites by ChIP-seq from ENCODE	UCSC <a href="http://hgdownload.soe.ucsc.edu/goldenPath">http://hgdownload.soe.ucsc.edu/goldenPath</a>
TFBS	Transcription factor binding sites	CREB1	A549	Transcription Factor Binding Sites by ChIP-seq from ENCODE	UCSC <a href="http://hgdownload.soe.ucsc.edu/goldenPath">http://hgdownload.soe.ucsc.edu/goldenPath</a>
TFBS	Transcription factor binding sites	CTCF	A549	Transcription Factor Binding Sites by ChIP-seq from ENCODE	UCSC <a href="http://hgdownload.soe.ucsc.edu/goldenPath">http://hgdownload.soe.ucsc.edu/goldenPath</a>
TFBS	Transcription factor binding sites	ELF1	A549	Transcription Factor Binding Sites by ChIP-seq from ENCODE	UCSC <a href="http://hgdownload.soe.ucsc.edu/goldenPath">http://hgdownload.soe.ucsc.edu/goldenPath</a>
TFBS	Transcription factor binding sites	EP300	A549	Transcription Factor Binding Sites by ChIP-seq from ENCODE	UCSC <a href="http://hgdownload.soe.ucsc.edu/goldenPath">http://hgdownload.soe.ucsc.edu/goldenPath</a>
TFBS	Transcription factor binding sites	ETS1	A549	Transcription Factor Binding Sites by ChIP-seq from ENCODE	UCSC <a href="http://hgdownload.soe.ucsc.edu/goldenPath">http://hgdownload.soe.ucsc.edu/goldenPath</a>
TFBS	Transcription factor binding sites	FOSL2	A549	Transcription Factor Binding Sites by ChIP-seq from ENCODE	UCSC <a href="http://hgdownload.soe.ucsc.edu/goldenPath">http://hgdownload.soe.ucsc.edu/goldenPath</a>
TFBS	Transcription factor binding sites	FOXA1	A549	Transcription Factor Binding Sites by ChIP-seq from ENCODE	UCSC <a href="http://hgdownload.soe.ucsc.edu/goldenPath">http://hgdownload.soe.ucsc.edu/goldenPath</a>
TFBS	Transcription factor binding sites	GABPA	A549	Transcription Factor Binding Sites by ChIP-seq from ENCODE	UCSC <a href="http://hgdownload.soe.ucsc.edu/goldenPath">http://hgdownload.soe.ucsc.edu/goldenPath</a>
TFBS	Transcription factor binding sites	MAX	A549	Transcription Factor Binding Sites by ChIP-seq from ENCODE	UCSC <a href="http://hgdownload.soe.ucsc.edu/goldenPath">http://hgdownload.soe.ucsc.edu/goldenPath</a>
TFBS	Transcription factor binding sites	NR3C1	A549	Transcription Factor Binding Sites by ChIP-seq from ENCODE	UCSC <a href="http://hgdownload.soe.ucsc.edu/goldenPath">http://hgdownload.soe.ucsc.edu/goldenPath</a>
TFBS	Transcription factor binding sites	NRSF	A549	Transcription Factor Binding Sites by ChIP-seq from ENCODE	UCSC <a href="http://hgdownload.soe.ucsc.edu/goldenPath">http://hgdownload.soe.ucsc.edu/goldenPath</a>
TFBS	Transcription factor binding sites	POLR2A	A549	Transcription Factor Binding Sites by ChIP-seq from ENCODE	UCSC <a href="http://hgdownload.soe.ucsc.edu/goldenPath">http://hgdownload.soe.ucsc.edu/goldenPath</a>
TFBS	Transcription factor binding sites	RAD21	A549	Transcription Factor Binding Sites by ChIP-seq from ENCODE	UCSC <a href="http://hgdownload.soe.ucsc.edu/goldenPath">http://hgdownload.soe.ucsc.edu/goldenPath</a>
TFBS	Transcription factor binding sites	SIN3AK20	A549	Transcription Factor Binding Sites by ChIP-seq from ENCODE	UCSC <a href="http://hgdownload.soe.ucsc.edu/goldenPath">http://hgdownload.soe.ucsc.edu/goldenPath</a>
TFBS	Transcription factor binding sites	SIX5	A549	Transcription Factor Binding Sites by ChIP-seq from ENCODE	UCSC <a href="http://hgdownload.soe.ucsc.edu/goldenPath">http://hgdownload.soe.ucsc.edu/goldenPath</a>
TFBS	Transcription factor binding sites	TAF1	A549	Transcription Factor Binding Sites by ChIP-seq from ENCODE	UCSC <a href="http://hgdownload.soe.ucsc.edu/goldenPath">http://hgdownload.soe.ucsc.edu/goldenPath</a>
TFBS	Transcription factor binding sites	TCF12	A549	Transcription Factor Binding Sites by ChIP-seq from ENCODE	UCSC <a href="http://hgdownload.soe.ucsc.edu/goldenPath">http://hgdownload.soe.ucsc.edu/goldenPath</a>
TFBS	Transcription factor binding sites	USF1	A549	Transcription Factor Binding Sites by ChIP-seq from ENCODE	UCSC <a href="http://hgdownload.soe.ucsc.edu/goldenPath">http://hgdownload.soe.ucsc.edu/goldenPath</a>
TFBS	Transcription factor binding sites	YY1	A549	Transcription Factor Binding Sites by ChIP-seq from ENCODE	UCSC <a href="http://hgdownload.soe.ucsc.edu/goldenPath">http://hgdownload.soe.ucsc.edu/goldenPath</a>
TFBS	Transcription factor binding sites	ZBTB33	A549	Transcription Factor Binding Sites by ChIP-seq from ENCODE	UCSC <a href="http://hgdownload.soe.ucsc.edu/goldenPath">http://hgdownload.soe.ucsc.edu/goldenPath</a>
TFBS	Transcription factor binding sites	CTCF	AG04450	Transcription Factor Binding Sites by ChIP-seq from ENCODE	UCSC <a href="http://hgdownload.soe.ucsc.edu/goldenPath">http://hgdownload.soe.ucsc.edu/goldenPath</a>
TFBS	Transcription factor binding sites	CTCF	HPF	Transcription Factor Binding Sites by ChIP-seq from ENCODE	UCSC <a href="http://hgdownload.soe.ucsc.edu/goldenPath">http://hgdownload.soe.ucsc.edu/goldenPath</a>

TFBS	Transcription factor binding sites	CEBPB	IMR90	Transcription Factor Binding Sites by ChIP-seq from ENCODE	UCSC <a href="http://hgdownload.soe.ucsc.edu/goldenPath">http://hgdownload.soe.ucsc.edu/goldenPath</a>
TFBS	Transcription factor binding sites	MAFK	IMR90	Transcription Factor Binding Sites by ChIP-seq from ENCODE	UCSC <a href="http://hgdownload.soe.ucsc.edu/goldenPath">http://hgdownload.soe.ucsc.edu/goldenPath</a>
TFBS	Transcription factor binding sites	POLR2A	IMR90	Transcription Factor Binding Sites by ChIP-seq from ENCODE	UCSC <a href="http://hgdownload.soe.ucsc.edu/goldenPath">http://hgdownload.soe.ucsc.edu/goldenPath</a>
TFBS	Transcription factor binding sites	RAD21	IMR90	Transcription Factor Binding Sites by ChIP-seq from ENCODE	UCSC <a href="http://hgdownload.soe.ucsc.edu/goldenPath">http://hgdownload.soe.ucsc.edu/goldenPath</a>
A549_H3k27ac_Dex100nm	Histone mark		A549	Histone Modifications marks in A549	UCSC <a href="http://hgdownload.soe.ucsc.edu/goldenPath">http://hgdownload.soe.ucsc.edu/goldenPath</a>
A549_H3k27ac_Etoh02	Histone mark		A549	Histone Modifications marks in A549	UCSC <a href="http://hgdownload.soe.ucsc.edu/goldenPath">http://hgdownload.soe.ucsc.edu/goldenPath</a>
Nhlf_H3k4me1	Histone mark		NHLF	Histone Modifications marks in NHLF	UCSC <a href="http://hgdownload.soe.ucsc.edu/goldenPath">http://hgdownload.soe.ucsc.edu/goldenPath</a>
Nhlf_H3k27ac	Histone mark		NHLF	Histone Modifications marks in NHLF	UCSC <a href="http://hgdownload.soe.ucsc.edu/goldenPath">http://hgdownload.soe.ucsc.edu/goldenPath</a>
NHLF_adult_H3K4me1_ENCF128XBQ	Histone mark		NHLF	H3K4me1 ChIP-seq on human NHLF	ENCODE <a href="https://www.encodeproject.org/experiments/ENCSR000AMU/">https://www.encodeproject.org/experiments/ENCSR000AMU/</a>
NHLF_adult_H3K27ac_ENCF943QBE	Histone mark		NHLF	H3K27ac ChIP-seq on human NHLF	ENCODE <a href="https://www.encodeproject.org/experiments/ENCSR000AMR/">https://www.encodeproject.org/experiments/ENCSR000AMR/</a>
lung_H3K4me1_ENCF750DIP	Histone mark		lung	Histone Modifications marks in lung tissue	Roadmap <a href="https://www.encodeproject.org/experiments/ENCSR356ANC/">https://www.encodeproject.org/experiments/ENCSR356ANC/</a>
lung_H3K27ac_ENCF768OEM	Histone mark		lung	Histone Modifications marks in lung tissue	Roadmap <a href="https://www.encodeproject.org/experiments/ENCSR540ADS/">https://www.encodeproject.org/experiments/ENCSR540ADS/</a>
A549_H3k04me3_Dex100nm	Histone mark		A549	Histone Modifications marks in A549	UCSC <a href="http://hgdownload.soe.ucsc.edu/goldenPath">http://hgdownload.soe.ucsc.edu/goldenPath</a>
A549_H3k04me3_Etoh02	Histone mark		A549	Histone Modifications marks in A549	UCSC <a href="http://hgdownload.soe.ucsc.edu/goldenPath">http://hgdownload.soe.ucsc.edu/goldenPath</a>
A549_H3k09ac_Etoh02	Histone mark		A549	Histone Modifications marks in A549	UCSC <a href="http://hgdownload.soe.ucsc.edu/goldenPath">http://hgdownload.soe.ucsc.edu/goldenPath</a>
Nhlf_H3k4me3	Histone mark		NHLF	Histone Modifications marks in NHLF	UCSC <a href="http://hgdownload.soe.ucsc.edu/goldenPath">http://hgdownload.soe.ucsc.edu/goldenPath</a>
Nhlf_H3k9ac	Histone mark		NHLF	Histone Modifications marks in NHLF	UCSC <a href="http://hgdownload.soe.ucsc.edu/goldenPath">http://hgdownload.soe.ucsc.edu/goldenPath</a>
NHLF_adult_H3K4me3_ENCF792NWH	Histone mark		NHLF	H3K9ac ChIP-seq on human NHLF	ENCODE <a href="https://www.encodeproject.org/experiments/ENCSR000AMW/">https://www.encodeproject.org/experiments/ENCSR000AMW/</a>
NHLF_adult_H3K9ac_ENCF019PNM	Histone mark		NHLF	H3K9ac ChIP-seq on human NHLF	ENCODE <a href="https://www.encodeproject.org/experiments/ENCSR000AMX/">https://www.encodeproject.org/experiments/ENCSR000AMX/</a>
lung_H3K4me3_ENCF898EJC	Histone mark		lung	Histone Modifications marks in lung tissue	Roadmap <a href="https://www.encodeproject.org/experiments/ENCSR466DZW/">https://www.encodeproject.org/experiments/ENCSR466DZW/</a>

**Supplementary Table 4. Association results for 9 risk loci with a meta *P* value <1×10<sup>-6</sup>.**

rsid	ChrPos (GRCh 37)	Cytoband	Effect allele	Other allele	EAF	OR_CI.NSCLC	<i>P</i> .NSCLC	OR_CI.AD	<i>P</i> .AD	OR_CISqCC	<i>P</i> .SqCC	Histology
rs3217451	chr2:136511291	2q21.3	A	AT	0.13	0.90 (0.87, 0.94)	7.35E-07	0.89 (0.85, 0.93)	4.83E-07	0.93 (0.87, 0.99)	1.77E-02	NSCLC
rs116205103	chr4:38915301	4p14	A	G	0.06	0.83 (0.77, 0.89)	1.82E-07	0.83 (0.77, 0.91)	2.08E-05	0.84 (0.76, 0.93)	7.01E-04	NSCLC
rs35661893	chr4:122795115	4q27	CT	C	0.45	0.93 (0.91, 0.96)	3.56E-06	0.95 (0.92, 0.98)	1.52E-03	0.90 (0.86, 0.94)	4.81E-07	NSCLC
rs1815741	chr6:29738690	6p22.1	T	C	0.08	0.86 (0.81, 0.91)	2.99E-07	0.84 (0.78, 0.89)	1.70E-07	0.87 (0.80, 0.95)	2.33E-03	NSCLC
rs2945908	chr8:8192229	8p23.1	A	C	0.78	0.96 (0.93, 0.99)	4.41E-03	0.99 (0.96, 1.03)	6.83E-01	0.89 (0.85, 0.93)	7.92E-07	Lung SqCC
rs12006500	chr9:113625460	9q31.3	A	G	0.65	1.09 (1.05, 1.13)	3.84E-06	1.12 (1.07, 1.16)	8.43E-08	1.04 (0.99, 1.10)	1.49E-01	Lung AD
rs4938515	chr11:118478404	11q23.3	A	C	0.37	1.07 (1.04, 1.10)	3.46E-07	1.08 (1.05, 1.12)	1.32E-06	1.03 (0.99, 1.07)	1.53E-01	Lung AD
rs719739	chr13:110350461	13q34	T	C	0.43	0.94 (0.92, 0.97)	1.94E-05	0.92 (0.89, 0.95)	3.48E-07	0.96 (0.92, 1.00)	3.72E-02	NSCLC
rs76354137	chr15:75029998	15q24.1	T	C	0.62	0.92 (0.88, 0.95)	5.74E-07	0.90 (0.87, 0.94)	4.86E-07	0.94 (0.89, 0.99)	2.39E-02	NSCLC

Abbreviations: EAF: effect allele frequency; AD: adenocarcinoma; SqCC: squamous cell carcinoma.

**Supplementary Table 5. Detailed annotation result for 39 exonic variants.**

rsid	ChrPos (GRCh 37)	Cytoband	Gene	Type	Effect allele	Other allele	EAF <sup>a</sup>	OR_CLNSCLC	P.NSCLC	OR_CLAD	P.AD	OR_CLSqCC	P.SqCC	Truncating	Polyphen2 <sup>b</sup>	SIFT <sup>c</sup>	CADD	LRT <sup>d</sup>	MutationTaster <sup>e</sup>	FATHMM <sup>f</sup>
rs17121881	chr11:118081345	11q23.3	AMICA1	missense	A	T	0.45	1.08 (1.05, 1.11)	2.10E-09	1.11 (1.08, 1.14)	2.85E-11	1.04 (1.00, 1.08)	3.85E-02		D	T	23.5	N	P	T
rs11571833	chr13:32972626	13q13.1	BRCA2	nonsense	A	T	0.99	0.67 (0.56, 0.79)	4.63E-06	0.78 (0.62, 0.98)	2.97E-02	0.50 (0.39, 0.64)	4.84E-08	Yes						
rs34895054	chr15:49285001	15q21.1	SECISBP2L	missense	C	G	0.24	0.94 (0.91, 0.97)	1.82E-04	0.90 (0.87, 0.94)	2.64E-08	1.03 (0.98, 1.08)	2.07E-01							
rs16969968	chr15:78882925	15q25.1	CHRNA5	missense	A	G	0.32	1.26 (1.22, 1.31)	1.35E-41	1.25 (1.20, 1.30)	1.08E-25	1.28 (1.22, 1.34)	2.68E-22							
rs1051730	chr15:78894339	15q25.1	CHRNA3	synonymous	A	G	0.32	1.26 (1.22, 1.31)	8.42E-42	1.25 (1.20, 1.30)	9.00E-26	1.28 (1.21, 1.34)	3.23E-22							
rs8040868	chr15:78911181	15q25.1	CHRNA3	synonymous	T	C	0.62	0.87 (0.85, 0.89)	4.53E-26	0.89 (0.86, 0.92)	7.29E-14	0.85 (0.82, 0.88)	3.55E-16							
rs9891146	chr17:65988049	17q24.2	C17orf58	missense	T	C	0.46	1.09 (1.06, 1.12)	4.09E-09	1.10 (1.07, 1.14)	1.01E-08	1.08 (1.04, 1.13)	3.24E-04							
rs2305165	chr2:136409574	2q21.3	R3HDM1	missense	A	C	0.86	1.08 (1.04, 1.13)	5.41E-05	1.10 (1.05, 1.15)	4.88E-05	1.07 (1.01, 1.14)	1.67E-02							
rs3769823	chr2:202122995	2q33.1	CASP8	missense	A	G	0.3	1.08 (1.05, 1.11)	8.48E-08	1.06 (1.03, 1.10)	1.81E-04	1.09 (1.04, 1.13)	9.08E-05		B	T	0.06	U	P	T
rs6141383	chr20:31889141	20q11.21	BPIFB1	missense	A	G	0.02	0.94 (0.77, 1.15)	5.57E-01	0.95 (0.76, 1.17)	6.11E-01	0.86 (0.63, 1.18)	3.47E-01							
rs2296239	chr20:52775528	20q13.2	CYP24A1	synonymous	T	C	0.44	0.97 (0.95, 1.00)	6.70E-02	0.98 (0.95, 1.01)	2.24E-01	0.98 (0.94, 1.03)	4.14E-01							
rs10936599	chr3:169492101	3q26.2	MYNN	synonymous	T	C	0.41	0.92 (0.89, 0.94)	5.19E-10	0.88 (0.85, 0.91)	4.24E-15	1.01 (0.96, 1.05)	7.77E-01							
rs10936600	chr3:169514585	3q26.2	LRRC34	missense	A	T	0.59	1.09 (1.06, 1.12)	5.86E-10	1.14 (1.10, 1.18)	8.09E-15	0.99 (0.95, 1.04)	8.02E-01		D	T	19.81	D	P	T
rs6793295	chr3:169518455	3q26.2	LRRC34	missense	T	C	0.53	1.07 (1.04, 1.10)	1.10E-05	1.10 (1.06, 1.13)	4.68E-08	1.00 (0.96, 1.04)	9.83E-01		B	T	0.81	.	P	T
rs12634646	chr3:194842911	3q29	XXYLT1	missense	A	G	0.6	0.97 (0.94, 0.99)	1.75E-02	0.97 (0.93, 1.00)	5.00E-02	0.95 (0.91, 0.99)	1.87E-02		B	D	1.28	.	P	.
rs707910	chr6:29910663	6p22.1	HLA-A	missense	A	G	0.13	1.15 (1.10, 1.20)	8.26E-10	1.13 (1.07, 1.19)	1.13E-05	1.22 (1.14, 1.30)	1.95E-09							
rs79361534	chr6:29910731	6p22.1	HLA-A	missense	A	G	0.13	1.15 (1.10, 1.20)	7.94E-10	1.13 (1.07, 1.19)	1.13E-05	1.22 (1.14, 1.30)	1.81E-09							
rs1059535	chr6:29911222	6p22.1	HLA-A	missense	T	C	0.13	1.15 (1.10, 1.21)	6.90E-10	1.12 (1.06, 1.19)	4.28E-05	1.22 (1.14, 1.30)	4.17E-09							
rs3130247	chr6:30515043	6p21.33	GNL1	synonymous	T	C	0.91	0.86 (0.81, 0.91)	6.96E-07	0.89 (0.82, 0.96)	1.64E-03	0.78 (0.72, 0.85)	1.40E-08							
rs9262143	chr6:30652781	6p21.33	PPP1R18	missense	T	C	0.09	1.16 (1.09, 1.23)	7.46E-07	1.12 (1.04, 1.21)	2.03E-03	1.27 (1.17, 1.39)	1.76E-08							
rs2233980	chr6:31079644	6p21.33	C6orf15	synonymous	A	G	0.1	1.15 (1.09, 1.22)	1.34E-06	1.12 (1.04, 1.20)	2.32E-03	1.24 (1.15, 1.35)	1.49E-07							
rs7750641	chr6:31129310	6p21.33	TCF19	missense	T	C	0.1	1.14 (1.08, 1.21)	5.71E-06	1.10 (1.03, 1.18)	7.70E-03	1.24 (1.14, 1.34)	2.43E-07							
rs9469031	chr6:31595795	6p21.33	PRRC2A	missense	T	C	0.02	0.89 (0.77, 1.04)	1.43E-01	0.94 (0.80, 1.11)	4.66E-01	0.79 (0.62, 1.01)	5.58E-02							
rs3115672	chr6:31727897	6p21.33	MSH5	synonymous	T	C	0.09	1.15 (1.08, 1.22)	4.38E-06	1.10 (1.02, 1.19)	1.18E-02	1.28 (1.17, 1.39)	1.50E-08							
rs3101017	chr6:31733466	6p21-22	VWA7	missense	T	C	0.91	0.87 (0.82, 0.92)	4.13E-06	0.91 (0.84, 0.98)	1.12E-02	0.78 (0.72, 0.85)	1.50E-08							
rs3115671	chr6:31734345	6p21.33	VWA7	synonymous	T	G	0.09	1.15 (1.08, 1.22)	4.42E-06	1.10 (1.02, 1.19)	1.20E-02	1.28 (1.17, 1.39)	1.51E-08							
rs190227457	chr6:31747041	6p21.33	VARS	synonymous	T	C	0.02	0.87 (0.74, 1.01)	7.18E-02	0.93 (0.78, 1.10)	3.76E-01	0.79 (0.61, 1.04)	8.84E-02							
rs1150757	chr6:32029205	6p21.33	TNXB	synonymous	A	G	0.09	1.16 (1.09, 1.23)	1.17E-06	1.11 (1.03, 1.20)	6.29E-03	1.29 (1.18, 1.40)	7.83E-09							
rs1150756	chr6:32035694	6p21.33	TNXB	synonymous	T	C	0.09	1.16 (1.09, 1.23)	8.76E-07	1.12 (1.03, 1.20)	4.52E-03	1.28 (1.18, 1.40)	8.57E-09							
rs1150752	chr6:32064726	6p21-22	TNXB	missense	T	C	0.91	0.86 (0.81, 0.92)	1.67E-06	0.90 (0.84, 0.97)	7.81E-03	0.78 (0.72, 0.85)	1.03E-08							
rs1129735	chr6:32605295	6p21.32	HLA-DQA1	synonymous	T	C	0.37	1.04 (1.01, 1.06)	9.78E-03	1.06 (1.02, 1.09)	5.96E-04	0.99 (0.95, 1.03)	7.50E-01							
rs1048173	chr6:32609855	6p21.32	HLA-DQA1	synonymous	A	C	0.67	0.96 (0.93, 0.99)	2.94E-03	0.94 (0.91, 0.97)	4.70E-04	0.99 (0.95, 1.04)	8.10E-01							
rs2308890	chr6:32610008	6p21.32	HLA-DQA1	synonymous	T	C	0.33	1.04 (1.01, 1.07)	3.11E-03	1.06 (1.03, 1.10)	2.23E-04	1.00 (0.96, 1.04)	9.43E-01							
rs2308891	chr6:32610009	6p21.32	HLA-DQA1	missense	C	G	0.67	0.96 (0.93, 0.99)	4.51E-03	0.94 (0.91, 0.97)	1.81E-04	1.01 (0.97, 1.05)	7.27E-01							
rs3188543	chr6:32610403	6p21.32	HLA-DQA1	synonymous	A	C	0.33	1.04 (1.02, 1.07)	2.06E-03	1.07 (1.03, 1.10)	1.09E-04	1.00 (0.96, 1.04)	9.47E-01							
rs1048414	chr6:32610478	6p21.32	HLA-DQA1	synonymous	C	G	0.68	0.95 (0.93, 0.98)	1.19E-03	0.93 (0.90, 0.97)	4.31E-05	1.00 (0.96, 1.04)	9.38E-01							
rs1048419	chr6:32610481	6p21.32	HLA-DQA1	synonymous	T	C	0.68	0.95 (0.93, 0.98)	1.19E-03	0.93 (0.90, 0.97)	4.31E-05	1.00 (0.96, 1.04)	9.38E-01							
rs2285943	chr7:21582963	7p15.3	DNAH11	nonsense	T	G	0.4	1.02 (0.99, 1.04)	2.31E-01	1.01 (0.98, 1.05)	4.39E-01	1.02 (0.98, 1.06)	3.50E-01	Yes						

rs2285944	chr7:21582964	7p15.3	<i>DNAH11</i>	missense	A	T	0.6	0.98 (0.96, 1.01)	2.42E-01	0.99 (0.96, 1.02)	4.51E-01	0.98 (0.94, 1.02)	3.69E-01
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<sup>a</sup> EAF: effect allele frequency.

<sup>b</sup> Polyphen2. D: probably damaging; P: possibly damaging; B: benign

<sup>c</sup> SIFT. D: deleterious; T: tolerated

<sup>d</sup> LRT. D: deleterious; N: neutral; U: unknown

<sup>e</sup> MutationTaster. A: disease\_causing\_automatic; D: disease causing; N: polymorphism [probably harmless]; P: polymorphism automatic[known to be harmless]

<sup>f</sup> FATHMM. D: deleterious; T: tolerated

Supplementary Table S6. Detailed INQUISIT gene prediction scores.

Gene Name	Maxscore	Inquisittype	Inquisitlevel	top_snp	Source	Cytoband	Anno
<i>ABCA5</i>	0.1	Distal	3	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>ABCA8</i>	1	Promoter	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>ABCA8</i>	0.05	Distal	3	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>ABCF1</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>ABCF1</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>ABCF1</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>ABCF1</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>ABCF1</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>ABCF1</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>ABCF1</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>ABCF1</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>ABCF1</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>ABCF1</i>	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>ABCG4</i>	1	Promoter	2	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>ABCG4</i>	0.05	Distal	3	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>ABHD16A</i>	2	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>ABHD16A</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>ABHD16A</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>ABHD16A</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>ABHD16A</i>	1	Distal	2	rs9469031	NSCLC	6p21.33	rs9469031/6p21.33
<i>ABHD16A</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>ABHD16A</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>ABHD16A</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>ABHD16A</i>	0	Promoter	4	rs11780471	NSCLC	8p21.1	rs11780471/8p21.1
<i>ABHD16A</i>	0	Promoter	4	rs1853837	NSCLC	6p21.1	rs1853837/6p21.1
<i>ABHD16A</i>	0	Promoter	4	rs2285947	NSCLC	7p15.3	rs2285947/7p15.3
<i>ABHD16A</i>	0	Promoter	4	rs72658409	NSCLC	9p21.3	rs72658409/9p21.3
<i>AC002059.10</i>	1	Promoter	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>AC002059.10</i>	0.05	Distal	3	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>AC002059.10</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>AC003681.1</i>	1	Promoter	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>AC005220.3</i>	1	Promoter	2	rs4809957	NSCLC	20q13.2	rs4809957/20q13.2
<i>AC005220.3</i>	0.05	Distal	3	rs4809957	NSCLC	20q13.2	rs4809957/20q13.2
<i>AC005795.1</i>	0.05	Distal	3	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>AC006534.2</i>	0	Promoter	4	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>AC006534.2</i>	0	Promoter	4	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>AC007163.3</i>	0.05	Distal	3	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>AC007163.8</i>	1	Distal	2	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>AC007163.8</i>	1	Promoter	2	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1

AC007365.1	0.05	Distal	3	rs17038564	Lung AD	2p14	rs17038564/2p14
AC007389.1	1	Distal	2	rs17038564	Lung AD	2p14	rs17038564/2p14
AC007389.2	1	Distal	2	rs17038564	Lung AD	2p14	rs17038564/2p14
AC008074.3	0.05	Distal	3	rs17038564	Lung AD	2p14	rs17038564/2p14
AC016725.4	1	Distal	2	rs3217451	NSCLC	2q21.3	rs3217451/2q21.3
AC016725.4	1	Promoter	2	rs3217451	NSCLC	2q21.3	rs3217451/2q21.3
AC019294.1	0.05	Distal	3	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
AC021860.1	1	Promoter	2	rs116205103	NSCLC	4p14	rs116205103/4p14
AC021860.1	0.05	Distal	3	rs116205103	NSCLC	4p14	rs116205103/4p14
AC026740.1	1	Promoter	2	rs4635969	NSCLC	5p15	rs4635969/5p15
AC026740.1	1	Promoter	2	rs465498	NSCLC	5p15.33	rs465498/5p15.33
AC026740.1	0.05	Distal	3	rs4635969	NSCLC	5p15	rs4635969/5p15
AC026740.1	0.05	Distal	3	rs465498	NSCLC	5p15.33	rs465498/5p15.33
AC027228.1	1	Distal	2	rs12914385	NSCLC	15q25	rs12914385/15q25
AC027228.1	1	Distal	2	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
AC027228.1	1	Distal	2	rs6495306	NSCLC	15q25	rs6495306/15q25
AC027228.1	1	Distal	2	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
AC027228.1	1	Distal	2	rs938682	NSCLC	15q25.1	rs938682/15q25.1
AC027228.1	1	Promoter	2	rs12914385	NSCLC	15q25	rs12914385/15q25
AC027228.1	1	Promoter	2	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
AC027228.1	1	Promoter	2	rs6495306	NSCLC	15q25	rs6495306/15q25
AC027228.1	1	Promoter	2	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
AC027228.1	1	Promoter	2	rs938682	NSCLC	15q25.1	rs938682/15q25.1
AC046143.3	1	Promoter	2	rs2131877	NSCLC	3q29	rs2131877/3q29
AC046143.3	0.05	Distal	3	rs2131877	NSCLC	3q29	rs2131877/3q29
AC064850.4	1	Distal	2	rs3217451	NSCLC	2q21.3	rs3217451/2q21.3
AC069213.1	1	Distal	2	rs2131877	NSCLC	3q29	rs2131877/3q29
AC069213.1	1	Promoter	2	rs2131877	NSCLC	3q29	rs2131877/3q29
AC069513.4	1	Distal	2	rs2131877	NSCLC	3q29	rs2131877/3q29
AC074391.1	2	Distal	2	rs17038564	Lung AD	2p14	rs17038564/2p14
AC079210.1	1	Promoter	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
AC079210.1	0.05	Distal	3	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
AC079354.1	1	Distal	2	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
AC079354.1	1	Promoter	2	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
AC079354.5	1	Distal	2	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
AC079354.5	1	Promoter	2	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
AC093391.2	1	Distal	2	rs3217451	NSCLC	2q21.3	rs3217451/2q21.3
AC093391.2	1	Promoter	2	rs3217451	NSCLC	2q21.3	rs3217451/2q21.3
AC105020.1	0.05	Distal	3	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
AC108676.1	1	Promoter	2	rs2131877	NSCLC	3q29	rs2131877/3q29
AC108676.1	0.05	Distal	3	rs2131877	NSCLC	3q29	rs2131877/3q29
AC110620.2	1	Distal	2	rs3217451	NSCLC	2q21.3	rs3217451/2q21.3

<i>AC110620.2</i>	1	Promoter	2	rs3217451	NSCLC	2q21.3	rs3217451/2q21.3
<i>AC124944.3</i>	1	Distal	2	rs2131877	NSCLC	3q29	rs2131877/3q29
<i>AC145343.2</i>	1	Distal	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>AC145343.2</i>	1	Promoter	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>ACAP2</i>	1	Distal	2	rs2131877	NSCLC	3q29	rs2131877/3q29
<i>ACAP2</i>	1	Promoter	2	rs2131877	NSCLC	3q29	rs2131877/3q29
<i>ACAP2-IT1</i>	1	Distal	2	rs2131877	NSCLC	3q29	rs2131877/3q29
<i>ACAP2-IT1</i>	1	Promoter	2	rs2131877	NSCLC	3q29	rs2131877/3q29
<i>ACSBG1</i>	1	Promoter	2	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>ACSBG1</i>	1	Promoter	2	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>ACSBG1</i>	0.05	Distal	3	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>ACSBG1</i>	0.05	Distal	3	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>ACSBG1</i>	0.05	Distal	3	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>ACSBG1</i>	0.05	Distal	3	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>ACSL5</i>	1	Distal	2	rs12265047	NSCLC	10q25.2	rs12265047/10q25.2
<i>ACTR6</i>	1	Distal	2	rs12296850	Lung SqCC	12q23.1	rs12296850/12q23.1
<i>ACTRT3</i>	2	Promoter	2	rs2293607	Lung AD	3q26.2	rs2293607/3q26.2
<i>ACTRT3</i>	1	Distal	2	rs2293607	Lung AD	3q26.2	rs2293607/3q26.2
<i>ACVR1B</i>	3	Promoter	1	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>ACVR1B</i>	2	Distal	2	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>ACVR1B</i>	1	Promoter	2	rs753955	NSCLC	13q12.12	rs753955/13q12.12
<i>ACVRL1</i>	1	Distal	2	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>ACVRL1</i>	1	Promoter	2	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>ADAMTS7</i>	1	Promoter	2	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>ADAMTS7</i>	1	Promoter	2	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>ADAMTS7</i>	1	Promoter	2	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>ADAMTS7</i>	1	Promoter	2	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>ADAMTS7</i>	1	Promoter	2	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>ADAMTS7</i>	0.05	Distal	3	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>ADAMTS7</i>	0.05	Distal	3	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>ADAMTS7</i>	0.05	Distal	3	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>ADAMTS7</i>	0.05	Distal	3	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>ADAMTS7</i>	0.05	Distal	3	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>ADCK4</i>	1	Distal	2	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>ADCY10P1</i>	1	Distal	2	rs1853837	NSCLC	6p21.1	rs1853837/6p21.1
<i>AGER</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>AGER</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>AGER</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>AGER</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>AGPAT1</i>	2	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>AGPAT1</i>	2	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>AGPAT1</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3

<i>AGPAT1</i>	1	Distal	2	rs9469031	NSCLC	6p21.33	rs9469031/6p21.33
<i>AGPAT1</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>AGPAT1</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>AIF1</i>	2	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>AIF1</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>AIF1</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>AIF1</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>AIF1</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>AIF1</i>	1	Distal	2	rs9469031	NSCLC	6p21.33	rs9469031/6p21.33
<i>AIF1</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>AIF1</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>AIF1</i>	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>AK5</i>	1	Distal	2	rs71658797	NSCLC	1p31.1	rs71658797/1p31.1
<i>AK5</i>	1	Promoter	2	rs71658797	NSCLC	1p31.1	rs71658797/1p31.1
<i>AKT2</i>	0.05	Distal	3	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>AL009178.1</i>	1	Promoter	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>AL009178.1</i>	0.05	Distal	3	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>AL133458.1</i>	1	Distal	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>AL133458.1</i>	1	Promoter	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>AL359922.1</i>	1	Promoter	2	rs10429489	Lung AD	9p21.3	rs10429489/9p21.3
<i>AL662800.1</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>AL662800.1</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>ALG1L13P</i>	1	Distal	2	rs2945908	Lung SqCC	8p23.1	rs2945908/8p23.1
<i>ALS2CR11</i>	1	Distal	2	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>ALS2CR11</i>	1	Promoter	2	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>ALS2CR12</i>	1	Distal	2	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>ALS2CR12</i>	1	Promoter	2	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>AMICA1</i>	2	Distal	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>AMICA1</i>	2	Coding	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>AMICA1</i>	1	Promoter	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>AMICA1</i>	0.05	Distal	3	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>AMZ2</i>	2	Distal	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>AMZ2</i>	1	Promoter	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>ANKRD20A19P</i>	1	Distal	2	rs753955	NSCLC	13q12.12	rs753955/13q12.12
<i>ANKRD33</i>	1	Distal	2	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>ANKRD33</i>	1	Promoter	2	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>ANKRD34C</i>	1	Promoter	2	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>ANKRD34C</i>	1	Promoter	2	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>ANKRD34C</i>	1	Promoter	2	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>ANKRD34C</i>	1	Promoter	2	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>ANKRD34C</i>	1	Promoter	2	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>ANKRD34C</i>	0.05	Distal	3	rs12914385	NSCLC	15q25	rs12914385/15q25

<i>ANKRD34C</i>	0.05	Distal	3	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>ANKRD34C</i>	0.05	Distal	3	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>ANKRD34C</i>	0.05	Distal	3	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>ANKRD34C</i>	0.05	Distal	3	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>ANP32BP1</i>	0.05	Distal	3	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>AOX1</i>	0.05	Distal	3	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>AOX3P</i>	1	Promoter	2	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>AOX3P</i>	0.05	Distal	3	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>AP000892.4</i>	1	Promoter	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>AP000892.4</i>	0.05	Distal	3	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>AP002954.3</i>	1	Distal	2	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>AP002954.3</i>	1	Promoter	2	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>AP002954.4</i>	1	Distal	2	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>AP002954.4</i>	1	Promoter	2	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>AP002954.6</i>	2	Promoter	2	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>AP002954.6</i>	1	Distal	2	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>AP1B1</i>	1	Promoter	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>AP1B1</i>	1	Promoter	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>AP1B1</i>	0.05	Distal	3	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>AP1B1</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>APOBEC2</i>	0.05	Distal	3	rs1853837	NSCLC	6p21.1	rs1853837/6p21.1
<i>APOD</i>	1	Distal	2	rs2131877	NSCLC	3q29	rs2131877/3q29
<i>APOD</i>	1	Promoter	2	rs2131877	NSCLC	3q29	rs2131877/3q29
<i>APOM</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>APOM</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>APOM</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>APOM</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>APOM</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>APOM</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>APOM</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>AQP3</i>	1	Distal	2	rs35201538	Lung AD	9p13.3	rs35201538/9p13.3
<i>ARFRP1</i>	3	Distal	2	rs41309931	Lung AD	20q13.33	rs41309931/20q13.33
<i>ARFRP1</i>	1	Promoter	2	rs41309931	Lung AD	20q13.33	rs41309931/20q13.33
<i>ARID3B</i>	1	Distal	2	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>ARSG</i>	1	Distal	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>ARSG</i>	1	Promoter	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>ASCC2</i>	1	Promoter	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>ASCC2</i>	1	Promoter	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>ASCC2</i>	0.05	Distal	3	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>ASCC2</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>ATAT1</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>ATAT1</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1

<i>ATAT1</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>ATAT1</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>ATAT1</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>ATF6B</i>	2	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>ATF6B</i>	2	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>ATF6B</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>ATF6B</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>ATF6B</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>ATF6B</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>ATF6B</i>	1	Distal	2	rs9469031	NSCLC	6p21.33	rs9469031/6p21.33
<i>ATF6B</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>ATF6B</i>	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>ATF6B</i>	0	Promoter	4	rs11780471	NSCLC	8p21.1	rs11780471/8p21.1
<i>ATF6B</i>	0	Promoter	4	rs1853837	NSCLC	6p21.1	rs1853837/6p21.1
<i>ATF6B</i>	0	Promoter	4	rs2285947	NSCLC	7p15.3	rs2285947/7p15.3
<i>ATF6B</i>	0	Promoter	4	rs72658409	NSCLC	9p21.3	rs72658409/9p21.3
<i>ATP12A</i>	0.05	Distal	3	rs753955	NSCLC	13q12.12	rs753955/13q12.12
<i>ATP13A3</i>	0.05	Distal	3	rs2131877	NSCLC	3q29	rs2131877/3q29
<i>ATP5SL</i>	0.05	Distal	3	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>ATP6V1G2</i>	2	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>ATP6V1G2</i>	2	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>ATP6V1G2</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>ATP6V1G2</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>ATP6V1G2</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>ATP6V1G2</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>ATP6V1G2</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>ATP6V1G2</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>ATP6V1G2</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>ATP6V1G2</i>	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>ATP6V1G2</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>ATP6V1G2-DDX39B</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>ATP8B4</i>	1	Distal	2	rs77468143	Lung AD	15q21.1	rs77468143/15q21.1
<i>AXL</i>	0.05	Distal	3	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>B3GALT4</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>B3GNT8</i>	0.05	Distal	3	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>B9D2</i>	0.05	Distal	3	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>BAG1</i>	1	Distal	2	rs35201538	Lung AD	9p13.3	rs35201538/9p13.3
<i>BAG6</i>	3	Promoter	1	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>BAG6</i>	2	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>BAG6</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>BAG6</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>BAG6</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22

<i>BAG6</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>BAG6</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>BAG6</i>	0	Promoter	4	rs11780471	NSCLC	8p21.1	rs11780471/8p21.1
<i>BAG6</i>	0	Promoter	4	rs1853837	NSCLC	6p21.1	rs1853837/6p21.1
<i>BAG6</i>	0	Promoter	4	rs2285947	NSCLC	7p15.3	rs2285947/7p15.3
<i>BAG6</i>	0	Promoter	4	rs72658409	NSCLC	9p21.3	rs72658409/9p21.3
<i>BAK1</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>BAZ1A</i>	2	Distal	2	rs1200399	Lung AD	14q13.1	rs1200399/14q13.1
<i>BAZ1A</i>	2	Promoter	2	rs1200399	Lung AD	14q13.1	rs1200399/14q13.1
<i>BCAS1</i>	1	Distal	2	rs4809957	NSCLC	20q13.2	rs4809957/20q13.2
<i>BCAS1</i>	1	Promoter	2	rs4809957	NSCLC	20q13.2	rs4809957/20q13.2
<i>BCKDHA</i>	0.05	Distal	3	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>BHLHE23</i>	1	Promoter	2	rs41309931	Lung AD	20q13.33	rs41309931/20q13.33
<i>BHLHE23</i>	0.05	Distal	3	rs41309931	Lung AD	20q13.33	rs41309931/20q13.33
<i>BIN2</i>	0.05	Distal	3	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>BIRC7</i>	1	Distal	2	rs41309931	Lung AD	20q13.33	rs41309931/20q13.33
<i>BIRC7</i>	1	Promoter	2	rs41309931	Lung AD	20q13.33	rs41309931/20q13.33
<i>BLVRB</i>	0.05	Distal	3	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>BPIFB1</i>	1	Coding	2	rs6141383	NSCLC	20q11.21	rs6141383/20q11.21
<i>BPTF</i>	2	Distal	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>BPTF</i>	1	Promoter	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>BPTF</i>	0	Promoter	4	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>BRCA2</i>	2	Coding	2	rs11571833	Lung SqCC	13q13.1	rs11571833/13q13.1
<i>BRCA2</i>	1	Distal	2	rs11571833	Lung SqCC	13q13.1	rs11571833/13q13.1
<i>BRD2</i>	2	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>BRD2</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>BRD9</i>	0.05	Distal	3	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>BRD9</i>	0.05	Distal	3	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>BTNL2</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>BTNL2</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>BTNL2</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>BZW1</i>	0.05	Distal	3	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>C12orf44</i>	1	Distal	2	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>C12orf44</i>	1	Promoter	2	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>C15orf39</i>	0.05	Distal	3	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>C15orf59</i>	0.05	Distal	3	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>C17orf58</i>	3	Promoter	1	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>C17orf58</i>	2	Distal	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>C17orf58</i>	1	Coding	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>C17orf58</i>	0	Promoter	4	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>C19orf47</i>	0.05	Distal	3	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>C19orf69</i>	0.05	Distal	3	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2

<i>C1QTNF5</i>	1	Promoter	2	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>C1QTNF5</i>	0.05	Distal	3	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>C1QTNF9</i>	0.05	Distal	3	rs753955	NSCLC	13q12.12	rs753955/13q12.12
<i>C1QTNF9B</i>	1	Distal	2	rs753955	NSCLC	13q12.12	rs753955/13q12.12
<i>C2</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>C2</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>C2</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>C22orf31</i>	1	Promoter	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>C22orf31</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>C2CD2L</i>	1	Promoter	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>C2CD2L</i>	0.05	Distal	3	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>C2CD2L</i>	0.05	Distal	3	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>XXYLT1</i>	1	Distal	2	rs2131877	NSCLC	3q29	rs2131877/3q29
<i>C4A</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>C4A</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>C4A</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>C4A</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>C4A</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>C4A</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>C4A</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>C4A</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>C4A</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>C4A</i>	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>C4A</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>C4B</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>C4B</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>C4B</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>C4B</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>C4B</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>C4B</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>C4B</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>C4B</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>C5orf55</i>	1	Promoter	2	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>C5orf55</i>	1	Promoter	2	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>C5orf55</i>	0.05	Distal	3	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>C5orf55</i>	0.05	Distal	3	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>C6orf10</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>C6orf10</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>C6orf10</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>C6orf100</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>C6orf100</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>C6orf100</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1

<i>C6orf100</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>C6orf123</i>	1	Promoter	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>C6orf123</i>	0.05	Distal	3	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>C6orf136</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>C6orf136</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>C6orf136</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>C6orf136</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>C6orf136</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>C6orf136</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>C6orf136</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>C6orf136</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>C6orf136</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>C6orf136</i>	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>C6orf136</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>C6orf15</i>	0	Coding	4	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>C6orf25</i>	2	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>C6orf25</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>C6orf25</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>C6orf25</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>C6orf25</i>	1	Distal	2	rs9469031	NSCLC	6p21.33	rs9469031/6p21.33
<i>C6orf25</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>C6orf25</i>	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>C6orf25</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>C6orf47</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>C6orf47</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>C6orf47</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>C6orf47</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>C6orf47</i>	1	Distal	2	rs9469031	NSCLC	6p21.33	rs9469031/6p21.33
<i>C6orf47</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>C6orf47</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>C6orf47-AS1</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>C6orf47-AS1</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>C6orf47-AS1</i>	0	Promoter	4	rs11780471	NSCLC	8p21.1	rs11780471/8p21.1
<i>C6orf47-AS1</i>	0	Promoter	4	rs1853837	NSCLC	6p21.1	rs1853837/6p21.1
<i>C6orf47-AS1</i>	0	Promoter	4	rs2285947	NSCLC	7p15.3	rs2285947/7p15.3
<i>C6orf47-AS1</i>	0	Promoter	4	rs72658409	NSCLC	9p21.3	rs72658409/9p21.3
<i>C6orf48</i>	2	Promoter	2	rs9469031	NSCLC	6p21.33	rs9469031/6p21.33
<i>C6orf48</i>	2	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>C6orf48</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>C6orf48</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>C6orf48</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>C6orf48</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22

<i>C6orf48</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>C6orf48</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>C6orf48</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>C6orf48</i>	0	Promoter	4	rs11780471	NSCLC	8p21.1	rs11780471/8p21.1
<i>C6orf48</i>	0	Promoter	4	rs1853837	NSCLC	6p21.1	rs1853837/6p21.1
<i>C6orf48</i>	0	Promoter	4	rs2285947	NSCLC	7p15.3	rs2285947/7p15.3
<i>C6orf48</i>	0	Promoter	4	rs72658409	NSCLC	9p21.3	rs72658409/9p21.3
<i>C9orf53</i>	1	Distal	2	rs10429489	Lung AD	9p21.3	rs10429489/9p21.3
<i>C9orf84</i>	1	Distal	2	rs12006500	Lung AD	9q31.3	rs12006500/9q31.3
<i>CABP7</i>	1	Promoter	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>CABP7</i>	1	Promoter	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>CABP7</i>	0.05	Distal	3	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>CABP7</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>CACNA2D4</i>	0.05	Distal	3	rs6489769	Lung SqCC	12p13.33	rs6489769/12p13.33
<i>CACNG1</i>	1	Promoter	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>CACNG1</i>	0.05	Distal	3	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>CACNG4</i>	1	Promoter	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>CACNG4</i>	0.05	Distal	3	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>CACNG5</i>	0.05	Distal	3	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>CARKD</i>	0.05	Distal	3	rs719739	NSCLC	13q34	rs719739/13q34
<i>CASP7</i>	0.05	Distal	3	rs12265047	NSCLC	10q25.2	rs12265047/10q25.2
<i>CASP8</i>	4	Promoter	1	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>CASP8</i>	3	Distal	2	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>CASP8</i>	3	Coding	1	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>CBL</i>	0.1	Distal	3	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>CCDC117</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>CCDC147</i>	1	Promoter	2	rs11591710	Lung AD	10q24.3	rs11591710/10q24.3
<i>CCDC147</i>	0.05	Distal	3	rs11591710	Lung AD	10q24.3	rs11591710/10q24.3
<i>CCDC153</i>	1	Promoter	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>CCDC153</i>	0.05	Distal	3	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>CCDC153</i>	0.05	Distal	3	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>CCDC157</i>	1	Distal	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>CCDC157</i>	1	Promoter	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>CCDC157</i>	1	Promoter	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>CCDC157</i>	0.1	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>CCDC97</i>	0.05	Distal	3	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>CCHCR1</i>	2	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>CCHCR1</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>CCHCR1</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>CCHCR1</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>CCHCR1</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>CCHCR1</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22

<i>CCHCR1</i>	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>CCHCR1</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>CCND3</i>	0.1	Distal	3	rs1853837	NSCLC	6p21.1	rs1853837/6p21.1
<i>CCNT2</i>	1	Distal	2	rs3217451	NSCLC	2q21.3	rs3217451/2q21.3
<i>CCNT2</i>	1	Promoter	2	rs3217451	NSCLC	2q21.3	rs3217451/2q21.3
<i>CCR6</i>	1	Distal	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>CCR6</i>	1	Promoter	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>CD3D</i>	1	Distal	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>CD3D</i>	1	Promoter	2	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>CD3D</i>	1	Promoter	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>CD3D</i>	0.05	Distal	3	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>CD3E</i>	1	Promoter	2	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>CD3E</i>	0.05	Distal	3	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>CD3G</i>	1	Distal	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>CD3G</i>	1	Promoter	2	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>CD3G</i>	1	Promoter	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>CD3G</i>	0.05	Distal	3	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>CDCA7L</i>	1	Distal	2	rs2285947	NSCLC	7p15.3	rs2285947/7p15.3
<i>CDKN2A</i>	2	Distal	2	rs10429489	Lung AD	9p21.3	rs10429489/9p21.3
<i>CDKN2B</i>	1	Distal	2	rs72658409	NSCLC	9p21.3	rs72658409/9p21.3
<i>CDKN2B-AS1</i>	1	Distal	2	rs72658409	NSCLC	9p21.3	rs72658409/9p21.3
<i>CEACAM21</i>	0.05	Distal	3	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>CEACAM4</i>	0.05	Distal	3	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>CEACAM5</i>	0.05	Distal	3	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>CEACAM6</i>	0.05	Distal	3	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>CEP72</i>	1	Distal	2	rs7705526	Lung AD	5p15.33	rs7705526/5p15.33
<i>CEP72</i>	1	Promoter	2	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>CEP72</i>	1	Promoter	2	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>CEP72</i>	0.05	Distal	3	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>CEP72</i>	0.05	Distal	3	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>CFB</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>CFB</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>CFB</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>CFB</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>CFB</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>CFB</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>CFB</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>CFB</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>CFB</i>	0	Promoter	4	rs11780471	NSCLC	8p21.1	rs11780471/8p21.1
<i>CFB</i>	0	Promoter	4	rs1853837	NSCLC	6p21.1	rs1853837/6p21.1
<i>CFB</i>	0	Promoter	4	rs2285947	NSCLC	7p15.3	rs2285947/7p15.3
<i>CFB</i>	0	Promoter	4	rs72658409	NSCLC	9p21.3	rs72658409/9p21.3

<i>CFLAR</i>	2	Distal	2	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>CFLAR-AS1</i>	1	Distal	2	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>CFLAR-AS1</i>	1	Promoter	2	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>CHEK2</i>	0.1	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>CHMP5</i>	1	Distal	2	rs35201538	Lung AD	9p13.3	rs35201538/9p13.3
<i>CHRNA2</i>	1	Distal	2	rs11780471	NSCLC	8p21.1	rs11780471/8p21.1
<i>CHRNA3</i>	3	Distal	2	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>CHRNA3</i>	3	Distal	2	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>CHRNA3</i>	3	Distal	2	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>CHRNA3</i>	3	Promoter	1	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>CHRNA3</i>	2	Promoter	2	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>CHRNA3</i>	2	Promoter	2	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>CHRNA3</i>	2	Promoter	2	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>CHRNA3</i>	1	Distal	2	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>CHRNA3</i>	1	Distal	2	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>CHRNA3</i>	1	Promoter	2	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>CHRNA3</i>	0	Coding	4	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>CHRNA3</i>	0	Coding	4	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>CHRNA5</i>	3	Distal	2	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>CHRNA5</i>	3	Distal	2	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>CHRNA5</i>	3	Distal	2	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>CHRNA5</i>	3	Distal	2	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>CHRNA5</i>	3	Promoter	1	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>CHRNA5</i>	3	Promoter	1	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>CHRNA5</i>	3	Promoter	1	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>CHRNA5</i>	1	Distal	2	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>CHRNA5</i>	1	Promoter	2	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>CHRNA5</i>	1	Promoter	2	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>CHRNA5</i>	1	Coding	2	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>CHRNB4</i>	3	Distal	2	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>CHRNB4</i>	3	Distal	2	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>CHRNB4</i>	3	Distal	2	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>CHRNB4</i>	3	Distal	2	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>CHRNB4</i>	2	Promoter	2	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>CHRNB4</i>	1	Distal	2	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>CHRNB4</i>	1	Promoter	2	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>CHRNB4</i>	1	Promoter	2	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>CHRNB4</i>	1	Promoter	2	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>CHRNB4</i>	1	Promoter	2	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>CIB2</i>	1	Promoter	2	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>CIB2</i>	1	Promoter	2	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>CIB2</i>	1	Promoter	2	rs6495306	NSCLC	15q25	rs6495306/15q25

<i>CIB2</i>	1	Promoter	2	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>CIB2</i>	1	Promoter	2	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>CIB2</i>	0.05	Distal	3	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>CIB2</i>	0.05	Distal	3	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>CIB2</i>	0.05	Distal	3	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>CIB2</i>	0.05	Distal	3	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>CIB2</i>	0.05	Distal	3	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>CLDN1</i>	1	Distal	2	rs10937405	NSCLC	3q28	rs10937405/3q28
<i>CLDN1</i>	1	Distal	2	rs13080835	NSCLC	3q28	rs13080835/3q28
<i>CLDN16</i>	1	Distal	2	rs10937405	NSCLC	3q28	rs10937405/3q28
<i>CLDN16</i>	1	Distal	2	rs13080835	NSCLC	3q28	rs13080835/3q28
<i>CLDN23</i>	1	Distal	2	rs2945908	Lung SqCC	8p23.1	rs2945908/8p23.1
<i>CLIC1</i>	2	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>CLIC1</i>	2	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>CLIC1</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>CLIC1</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>CLIC1</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>CLIC1</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>CLIC1</i>	1	Distal	2	rs9469031	NSCLC	6p21.33	rs9469031/6p21.33
<i>CLIC1</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>CLIC1</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>CLIC1</i>	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>CLIC1</i>	0	Promoter	4	rs11780471	NSCLC	8p21.1	rs11780471/8p21.1
<i>CLIC1</i>	0	Promoter	4	rs1853837	NSCLC	6p21.1	rs1853837/6p21.1
<i>CLIC1</i>	0	Promoter	4	rs2285947	NSCLC	7p15.3	rs2285947/7p15.3
<i>CLIC1</i>	0	Promoter	4	rs72658409	NSCLC	9p21.3	rs72658409/9p21.3
<i>CLK1</i>	0.1	Distal	3	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>CLK3</i>	1	Distal	2	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>CLPTM1L</i>	3	Promoter	1	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>CLPTM1L</i>	2	Promoter	2	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>CLPTM1L</i>	1	Distal	2	rs2853677	Lung AD	5p15.33	rs2853677/5p15.33
<i>CLPTM1L</i>	1	Distal	2	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>CLPTM1L</i>	1	Distal	2	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>CLPTM1L</i>	1	Distal	2	rs7705526	Lung AD	5p15.33	rs7705526/5p15.33
<i>CNN2P1</i>	1	Distal	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>CNN2P1</i>	1	Distal	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>CNN2P1</i>	1	Promoter	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>CNTD2</i>	0.05	Distal	3	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>COL11A2</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>COPS2</i>	3	Distal	2	rs77468143	Lung AD	15q21.1	rs77468143/15q21.1
<i>COX5A</i>	0.05	Distal	3	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>CPLX3</i>	1	Distal	2	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1

<i>CRABP1</i>	1	Distal	2	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>CRABP1</i>	1	Distal	2	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>CRABP1</i>	1	Distal	2	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>CRABP1</i>	1	Distal	2	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>CRABP1</i>	1	Distal	2	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>CRABP1</i>	1	Promoter	2	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>CRABP1</i>	1	Promoter	2	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>CRABP1</i>	1	Promoter	2	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>CRABP1</i>	1	Promoter	2	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>CSK</i>	1	Distal	2	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>CSNK2B</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>CSNK2B</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>CSNK2B</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>CSNK2B</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>CSNK2B</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>CSNK2B</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>CSNK2B</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>CSNK2B</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>CSNK2B</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>CSNK2B-LY6G5B-1181</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>CSNK2B-LY6G5B-1181</i>	0	Promoter	4	rs11780471	NSCLC	8p21.1	rs11780471/8p21.1
<i>CSNK2B-LY6G5B-1181</i>	0	Promoter	4	rs1853837	NSCLC	6p21.1	rs1853837/6p21.1
<i>CSNK2B-LY6G5B-1181</i>	0	Promoter	4	rs2285947	NSCLC	7p15.3	rs2285947/7p15.3
<i>CSNK2B-LY6G5B-1181</i>	0	Promoter	4	rs72658409	NSCLC	9p21.3	rs72658409/9p21.3
<i>CSPG4</i>	0.05	Distal	3	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>CSPG4P13</i>	1	Promoter	2	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>CSPG4P13</i>	0.05	Distal	3	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>CSPG4P13</i>	0.05	Distal	3	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>CSRNP2</i>	0.05	Distal	3	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>CTA-292E10.6</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>CTA-85E5.10</i>	3	Distal	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>CTA-85E5.7</i>	2	Distal	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>CTA-963H5.5</i>	1	Promoter	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>CTA-963H5.5</i>	0.05	Distal	3	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>CTA-963H5.5</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>CTA-984G1.5</i>	1	Promoter	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>CTA-984G1.5</i>	1	Promoter	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>CTA-984G1.5</i>	0.05	Distal	3	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>CTA-984G1.5</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>CTC-255N20.1</i>	1	Promoter	2	rs2895680	NSCLC	5q32	rs2895680/5q32
<i>CTC-255N20.1</i>	0	Promoter	4	rs5879422	NSCLC	6q22.1	rs5879422/6q22.1
<i>CTC-327F10.4</i>	0.05	Distal	3	rs2895680	NSCLC	5q32	rs2895680/5q32

<i>CTC-327F10.5</i>	0.05	Distal	3	rs2895680	NSCLC	5q32	rs2895680/5q32
<i>CTC-471F3.5</i>	0.05	Distal	3	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>CTC-471F3.6</i>	0.05	Distal	3	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>CTC-490E21.10</i>	1	Distal	2	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>CTC-490E21.13</i>	2	Distal	2	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>CTD-2012J19.1</i>	1	Distal	2	rs2853677	Lung AD	5p15.33	rs2853677/5p15.33
<i>CTD-2012J19.1</i>	1	Distal	2	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>CTD-2012J19.1</i>	1	Distal	2	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>CTD-2012J19.1</i>	1	Promoter	2	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>CTD-2012J19.3</i>	1	Distal	2	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>CTD-2012J19.3</i>	1	Distal	2	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>CTD-2012J19.3</i>	1	Promoter	2	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>CTD-2012J19.3</i>	1	Promoter	2	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>CTD-2228K2.5</i>	1	Distal	2	rs7705526	Lung AD	5p15.33	rs7705526/5p15.33
<i>CTD-2228K2.5</i>	1	Promoter	2	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>CTD-2228K2.5</i>	1	Promoter	2	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>CTD-2228K2.5</i>	0.05	Distal	3	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>CTD-2228K2.5</i>	0.05	Distal	3	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>CTD-2228K2.7</i>	1	Promoter	2	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>CTD-2228K2.7</i>	1	Promoter	2	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>CTD-2228K2.7</i>	0.05	Distal	3	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>CTD-2228K2.7</i>	0.05	Distal	3	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>CTD-2245E15.3</i>	1	Distal	2	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>CTD-2245E15.3</i>	1	Distal	2	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>CTD-2245E15.3</i>	1	Promoter	2	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>CTD-2245E15.3</i>	1	Promoter	2	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>CTD-2270N23.1</i>	1	Distal	2	rs66759488	NSCLC	15q21.1	rs66759488/15q21.1
<i>CTD-2270N23.1</i>	1	Promoter	2	rs66759488	NSCLC	15q21.1	rs66759488/15q21.1
<i>CTD-2311M21.2</i>	0.05	Distal	3	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>CTD-2589H19.4</i>	1	Promoter	2	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>CTD-2589H19.4</i>	1	Promoter	2	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>CTD-2589H19.4</i>	0.05	Distal	3	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>CTD-2589H19.4</i>	0.05	Distal	3	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>CTD-2589H19.6</i>	1	Promoter	2	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>CTD-2589H19.6</i>	1	Promoter	2	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>CTD-2589H19.6</i>	0.05	Distal	3	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>CTD-2589H19.6</i>	0.05	Distal	3	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>CTD-2647E9.3</i>	1	Distal	2	rs77468143	Lung AD	15q21.1	rs77468143/15q21.1
<i>CTD-2647E9.3</i>	1	Promoter	2	rs77468143	Lung AD	15q21.1	rs77468143/15q21.1
<i>CTD-3080P12.3</i>	1	Distal	2	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>CTD-3154N5.1</i>	1	Distal	2	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>CTSH</i>	1	Promoter	2	rs12914385	NSCLC	15q25	rs12914385/15q25

<i>CTSH</i>	1	Promoter	2	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>CTSH</i>	1	Promoter	2	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>CTSH</i>	1	Promoter	2	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>CTSH</i>	0.05	Distal	3	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>CTSH</i>	0.05	Distal	3	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>CTSH</i>	0.05	Distal	3	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>CTSH</i>	0.05	Distal	3	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>CTSH</i>	0.05	Distal	3	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>CUTA</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>CXCR4</i>	1	Distal	2	rs3217451	NSCLC	2q21.3	rs3217451/2q21.3
<i>CXCR4</i>	1	Promoter	2	rs3217451	NSCLC	2q21.3	rs3217451/2q21.3
<i>CXCR5</i>	1	Promoter	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>CXCR5</i>	0.05	Distal	3	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>CYP11A1</i>	0.05	Distal	3	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>CYP1A1</i>	1	Distal	2	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>CYP21A1P</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>CYP21A1P</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>CYP21A1P</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>CYP21A1P</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>CYP21A1P</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>CYP21A1P</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>CYP21A1P</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>CYP21A1P</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>CYP21A1P</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>CYP21A1P</i>	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>CYP21A1P</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>CYP21A2</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>CYP21A2</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>CYP21A2</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>CYP21A2</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>CYP21A2</i>	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>CYP21A2</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>CYP24A1</i>	3	Promoter	1	rs4809957	NSCLC	20q13.2	rs4809957/20q13.2
<i>CYP24A1</i>	1	Distal	2	rs4809957	NSCLC	20q13.2	rs4809957/20q13.2
<i>CYP24A1</i>	0	Coding	4	rs4809957	NSCLC	20q13.2	rs4809957/20q13.2
<i>CYP2A6</i>	1	Distal	2	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>CYP2A7</i>	1	Distal	2	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>CYP2B7P1</i>	1	Distal	2	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>CYP2F1P</i>	1	Distal	2	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>CYP2G1P</i>	1	Distal	2	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>CYP2S1</i>	0.05	Distal	3	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>CYP2T2P</i>	1	Distal	2	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2

<i>DAB2IP</i>	1	Distal	2	rs4573350	Lung SqCC	9q33.2	rs4573350/9q33.2
<i>DAXX</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>DAXX</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>DAZAP2</i>	1	Promoter	2	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>DAZAP2</i>	0.05	Distal	3	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>DCBLD1</i>	1	Distal	2	rs5879422	NSCLC	6q22.1	rs5879422/6q22.1
<i>DDAH2</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>DDAH2</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>DDAH2</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>DDAH2</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>DDAH2</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>DDR1</i>	2	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>DDR1</i>	2	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>DDR1</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>DDR1</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>DDR1</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>DDR1</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>DDR1</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>DDR1</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>DDX39B</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>DDX39B</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>DDX39B</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>DDX39B</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>DDX39B</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>DDX39B</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>DDX39B</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>DDX39B-AS1</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>DDX39B-AS1</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>DDX39B-AS1</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>DDX39BP1</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>DDX39BP1</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>DDX39BP1</i>	0	Promoter	4	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>DDX6</i>	1	Distal	2	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>DDX6</i>	1	Promoter	2	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>DEFB109</i>	1	Distal	2	rs2945908	Lung SqCC	8p23.1	rs2945908/8p23.1
<i>DEFB4A</i>	1	Distal	2	rs2945908	Lung SqCC	8p23.1	rs2945908/8p23.1
<i>DHFRP2</i>	2	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>DHFRP2</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>DHFRP2</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>DHFRP2</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>DHFRP2</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>DHFRP2</i>	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33

<i>DHX16</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>DHX16</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>DHX16</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>DHX16</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>DHX16</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>DHX16</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>DHX16</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>DHX16</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>DHX16</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>DMRTA1</i>	3	Distal	2	rs10429489	Lung AD	9p21.3	rs10429489/9p21.3
<i>DMRTA1</i>	1	Distal	2	rs72658409	NSCLC	9p21.3	rs72658409/9p21.3
<i>DNAH11</i>	2	Coding	2	rs2285947	NSCLC	7p15.3	rs2285947/7p15.3
<i>DNAH11</i>	1	Distal	2	rs2285947	NSCLC	7p15.3	rs2285947/7p15.3
<i>DNAH11</i>	1	Coding	2	rs2285947	NSCLC	7p15.3	rs2285947/7p15.3
<i>DNAJA4</i>	1	Promoter	2	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>DNAJA4</i>	1	Promoter	2	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>DNAJA4</i>	1	Promoter	2	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>DNAJA4</i>	0.05	Distal	3	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>DNAJA4</i>	0.05	Distal	3	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>DNAJA4</i>	0.05	Distal	3	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>DNAJA4</i>	0.05	Distal	3	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>DNAJA4</i>	0.05	Distal	3	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>DNAJB4</i>	3	Promoter	1	rs71658797	NSCLC	1p31.1	rs71658797/1p31.1
<i>DNAJB4</i>	1	Distal	2	rs71658797	NSCLC	1p31.1	rs71658797/1p31.1
<i>DNAJB4</i>	0	Promoter	4	rs12265047	NSCLC	10q25.2	rs12265047/10q25.2
<i>DNAJB4</i>	0	Promoter	4	rs1663689	NSCLC	10p14	rs1663689/10p14
<i>DNAJC25</i>	1	Distal	2	rs12006500	Lung AD	9q31.3	rs12006500/9q31.3
<i>DNMIP35</i>	0.05	Distal	3	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>DOK5</i>	1	Distal	2	rs4809957	NSCLC	20q13.2	rs4809957/20q13.2
<i>DOK5</i>	1	Promoter	2	rs4809957	NSCLC	20q13.2	rs4809957/20q13.2
<i>DPCR1</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>DPYSL2</i>	0.05	Distal	3	rs11780471	NSCLC	8p21.1	rs11780471/8p21.1
<i>DPYSL3</i>	1	Distal	2	rs2895680	NSCLC	5q32	rs2895680/5q32
<i>DPYSL3</i>	1	Promoter	2	rs2895680	NSCLC	5q32	rs2895680/5q32
<i>DSCAML1</i>	1	Promoter	2	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>DSCAML1</i>	1	Promoter	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>DSCAML1</i>	0.05	Distal	3	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>DSCAML1</i>	0.05	Distal	3	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>DUSP18</i>	0.1	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>DXO</i>	2	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>DXO</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>DXO</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22

<i>DXO</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>DXO</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>DXO</i>	0	Promoter	4	rs11780471	NSCLC	8p21.1	rs11780471/8p21.1
<i>DXO</i>	0	Promoter	4	rs1853837	NSCLC	6p21.1	rs1853837/6p21.1
<i>DXO</i>	0	Promoter	4	rs2285947	NSCLC	7p15.3	rs2285947/7p15.3
<i>DXO</i>	0	Promoter	4	rs72658409	NSCLC	9p21.3	rs72658409/9p21.3
<i>EAPP</i>	1	Distal	2	rs1200399	Lung AD	14q13.1	rs1200399/14q13.1
<i>EAPP</i>	1	Promoter	2	rs1200399	Lung AD	14q13.1	rs1200399/14q13.1
<i>EDC3</i>	1	Distal	2	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>EEF1A1P6</i>	0.05	Distal	3	rs2285947	NSCLC	7p15.3	rs2285947/7p15.3
<i>EEF1A2</i>	1	Distal	2	rs41309931	Lung AD	20q13.33	rs41309931/20q13.33
<i>EEF1A2</i>	1	Promoter	2	rs41309931	Lung AD	20q13.33	rs41309931/20q13.33
<i>EGFL8</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>EGFL8</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>EGFL8</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>EHMT2</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>EHMT2</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>EHMT2</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>EHMT2</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>EHMT2</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>EHMT2</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>EHMT2</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>EHMT2</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>EHMT2</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>EHMT2-AS1</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>EHMT2-AS1</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>EIF4HP2</i>	1	Promoter	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>EIF4HP2</i>	0.05	Distal	3	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>EIF4HP2</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>EMID1</i>	1	Promoter	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>EMID1</i>	0.05	Distal	3	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>EMID1</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>ERC1</i>	1	Distal	2	rs3748522	Lung SqCC	12p13.33	rs3748522/12p13.33
<i>ERI1</i>	0.05	Distal	3	rs2945908	Lung SqCC	8p23.1	rs2945908/8p23.1
<i>EWSR1</i>	1	Promoter	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>EWSR1</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>EXOC3</i>	1	Promoter	2	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>EXOC3</i>	0.05	Distal	3	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>FAM114A1</i>	1	Distal	2	rs116205103	NSCLC	4p14	rs116205103/4p14
<i>FAM114A1</i>	1	Promoter	2	rs116205103	NSCLC	4p14	rs116205103/4p14
<i>FAM126B</i>	2	Distal	2	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>FAM162B</i>	1	Distal	2	rs5879422	NSCLC	6q22.1	rs5879422/6q22.1

<i>FAM20A</i>	1	Promoter	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>FAM20A</i>	0.05	Distal	3	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>FAM219B</i>	0.05	Distal	3	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>FAM227B</i>	1	Distal	2	rs77468143	Lung AD	15q21.1	rs77468143/15q21.1
<i>FAM227B</i>	1	Promoter	2	rs77468143	Lung AD	15q21.1	rs77468143/15q21.1
<i>FAM43A</i>	2	Distal	2	rs2131877	NSCLC	3q29	rs2131877/3q29
<i>FAM43A</i>	1	Promoter	2	rs2131877	NSCLC	3q29	rs2131877/3q29
<i>FAM85B</i>	1	Distal	2	rs2945908	Lung SqCC	8p23.1	rs2945908/8p23.1
<i>FAM86B3P</i>	1	Distal	2	rs2945908	Lung SqCC	8p23.1	rs2945908/8p23.1
<i>FAM90A11P</i>	1	Distal	2	rs2945908	Lung SqCC	8p23.1	rs2945908/8p23.1
<i>FAM90A12P</i>	1	Distal	2	rs2945908	Lung SqCC	8p23.1	rs2945908/8p23.1
<i>FAM90A14P</i>	0.1	Distal	3	rs2945908	Lung SqCC	8p23.1	rs2945908/8p23.1
<i>FBN1</i>	0.05	Distal	3	rs77468143	Lung AD	15q21.1	rs77468143/15q21.1
<i>FBXL14</i>	1	Promoter	2	rs3748522	Lung SqCC	12p13.33	rs3748522/12p13.33
<i>FBXL14</i>	1	Promoter	2	rs7953330	Lung SqCC	12p13.33	rs7953330/12p13.33
<i>FBXL14</i>	0.05	Distal	3	rs3748522	Lung SqCC	12p13.33	rs3748522/12p13.33
<i>FBXL14</i>	0.05	Distal	3	rs7953330	Lung SqCC	12p13.33	rs7953330/12p13.33
<i>FBXO16</i>	0.05	Distal	3	rs11780471	NSCLC	8p21.1	rs11780471/8p21.1
<i>FGFR1OP</i>	3	Promoter	1	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>FGFR1OP</i>	1	Distal	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>FKBP1</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>FKBP1</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>FKBP1</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>FKBP1</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>FKBP1</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>FLOT1</i>	3	Promoter	1	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>FLOT1</i>	2	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>FLOT1</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>FLOT1</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>FLOT1</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>FLOT1</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>FLOT1</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>FLOT1</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>FLOT1</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>FLOT1</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>FLOT1</i>	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>FLOT1</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>FOXP4</i>	1	Distal	2	rs1853837	NSCLC	6p21.1	rs1853837/6p21.1
<i>FOXRI</i>	1	Promoter	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>FOXRI</i>	0.1	Distal	3	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>FOXRI</i>	0.05	Distal	3	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>FRS3</i>	0.05	Distal	3	rs1853837	NSCLC	6p21.1	rs1853837/6p21.1

<i>FUBP1</i>	4	Promoter	1	rs71658797	NSCLC	1p31.1	rs71658797/1p31.1
<i>FUBP1</i>	2	Distal	2	rs71658797	NSCLC	1p31.1	rs71658797/1p31.1
<i>FUBP1</i>	1	Promoter	2	rs12265047	NSCLC	10q25.2	rs12265047/10q25.2
<i>FUBP1</i>	1	Promoter	2	rs1663689	NSCLC	10p14	rs1663689/10p14
<i>FUT10</i>	0.05	Distal	3	rs4236709	Lung AD	8p12	rs4236709/8p12
<i>FXYD2</i>	1	Distal	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>FZD7</i>	1	Distal	2	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>FZD7</i>	1	Promoter	2	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>GABBR1</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>GABBR1</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>GABBR1</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>GABBR1</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>GAL3ST1</i>	1	Promoter	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>GAL3ST1</i>	0.05	Distal	3	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>GAL3ST1</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>GALK2</i>	2	Distal	2	rs77468143	Lung AD	15q21.1	rs77468143/15q21.1
<i>GALNT6</i>	1	Promoter	2	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>GALNT6</i>	0.05	Distal	3	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>GAPDHP72</i>	1	Promoter	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>GAPDHP72</i>	0.05	Distal	3	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>GAS2L1</i>	1	Promoter	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>GAS2L1</i>	0.05	Distal	3	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>GAS2L1</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>GAS2L3</i>	1	Distal	2	rs12296850	Lung SqCC	12q23.1	rs12296850/12q23.1
<i>GAS2L3</i>	1	Promoter	2	rs12296850	Lung SqCC	12q23.1	rs12296850/12q23.1
<i>GATA3</i>	2	Distal	2	rs1663689	NSCLC	10p14	rs1663689/10p14
<i>GATSL3</i>	1	Distal	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>GATSL3</i>	1	Promoter	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>GATSL3</i>	1	Promoter	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>GATSL3</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>GIPC2</i>	2	Promoter	2	rs71658797	NSCLC	1p31.1	rs71658797/1p31.1
<i>GIPC2</i>	0	Promoter	4	rs12265047	NSCLC	10q25.2	rs12265047/10q25.2
<i>GIPC2</i>	0	Promoter	4	rs1663689	NSCLC	10p14	rs1663689/10p14
<i>GNL1</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>GNL1</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>GNL1</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>GNL1</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>GNL1</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>GNL1</i>	0	Coding	4	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>GOPC</i>	3	Distal	2	rs5879422	NSCLC	6q22.1	rs5879422/6q22.1
<i>GPAM</i>	0.05	Distal	3	rs12265047	NSCLC	10q25.2	rs12265047/10q25.2
<i>GPANK1</i>	2	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22

<i>GPANK1</i>	2	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>GPANK1</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>GPANK1</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>GPANK1</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>GPANK1</i>	1	Distal	2	rs9469031	NSCLC	6p21.33	rs9469031/6p21.33
<i>GPANK1</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>GPANK1</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>GPR151</i>	0.005	Distal	3	rs2895680	NSCLC	5q32	rs2895680/5q32
<i>GPR160</i>	4	Distal	1	rs2293607	Lung AD	3q26.2	rs2293607/3q26.2
<i>GPR21</i>	0.05	Distal	3	rs4573350	Lung SqCC	9q33.2	rs4573350/9q33.2
<i>GPR31</i>	1	Distal	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>GPSM3</i>	2	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>GPSM3</i>	2	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>GPSM3</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>GPSM3</i>	1	Distal	2	rs9469031	NSCLC	6p21.33	rs9469031/6p21.33
<i>GPSM3</i>	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>GPSM3</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>GRASP</i>	1	Distal	2	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>GRASP</i>	1	Promoter	2	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>GSN</i>	0.05	Distal	3	rs4573350	Lung SqCC	9q33.2	rs4573350/9q33.2
<i>GTF2H4</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>GTF2H4</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>GTF2H4</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>GTF2H4</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>GUCA1A</i>	0.05	Distal	3	rs1853837	NSCLC	6p21.1	rs1853837/6p21.1
<i>H2AFX</i>	1	Promoter	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>H2AFX</i>	0.05	Distal	3	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>H2AFX</i>	0.05	Distal	3	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>HABP2</i>	0.05	Distal	3	rs12265047	NSCLC	10q25.2	rs12265047/10q25.2
<i>HAR1B</i>	0.05	Distal	3	rs41309931	Lung AD	20q13.33	rs41309931/20q13.33
<i>HCG15</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>HCG15</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HCG15</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>HCG15</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HCG17</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HCG17</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>HCG17</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HCG17</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>HCG17</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HCG17</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>HCG17</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HCG18</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33

HCG18	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
HCG18	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
HCG18	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
HCG18	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
HCG18	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
HCG20	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
HCG20	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
HCG20	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
HCG20	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
HCG20	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
HCG20	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
HCG20	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
HCG20	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
HCG20	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
HCG20	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
HCG20	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
HCG20	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
HCG21	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
HCG21	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
HCG21	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
HCG21	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
HCG21	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
HCG22	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
HCG22	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
HCG22	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
HCG22	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
HCG22	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
HCG22	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
HCG22	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
HCG22	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
HCG23	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
HCG23	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
HCG23	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
HCG23	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
HCG23	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
HCG24	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
HCG27	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
HCG27	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
HCG27	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
HCG27	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
HCG27	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
HCG27	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22

<i>HCG4</i>	2	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>HCG4</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HCG4</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>HCG4</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HCG4</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HCG4</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HCG4</i>	0	Promoter	4	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>HCG4B</i>	2	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HCG4B</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HCG4B</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>HCG4B</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HCG4B</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>HCG4B</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HCG4B</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>HCG4B</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>HCG4P3</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HCG4P3</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>HCG4P3</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HCG4P3</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>HCG4P3</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HCG4P3</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>HCG4P3</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HCG4P3</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>HCG4P5</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HCG4P7</i>	2	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HCG4P7</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HCG4P7</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>HCG4P7</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HCG4P7</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>HCG4P7</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HCG4P7</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>HCG4P7</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>HCG9</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HCG9</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>HCG9</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HCG9</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HCG9</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>HCP5</i>	3	Promoter	1	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>HCP5</i>	3	Promoter	1	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>HCP5</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HCP5</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>HCP5</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33

<i>HCP5</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>HCP5</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>HCP5</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HELZ</i>	0.05	Distal	3	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>HINFP</i>	1	Promoter	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>HINFP</i>	0.05	Distal	3	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>HIPK4</i>	0.05	Distal	3	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>HLA-A</i>	3	Promoter	1	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HLA-A</i>	2	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HLA-A</i>	2	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>HLA-A</i>	2	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HLA-A</i>	2	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HLA-A</i>	2	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>HLA-A</i>	2	Coding	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HLA-A</i>	2	Coding	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HLA-A</i>	2	Coding	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HLA-A</i>	2	Coding	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HLA-B</i>	2	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>HLA-B</i>	2	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>HLA-B</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HLA-B</i>	1	Distal	2	rs9469031	NSCLC	6p21.33	rs9469031/6p21.33
<i>HLA-B</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HLA-B</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>HLA-B</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>HLA-C</i>	2	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HLA-C</i>	2	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>HLA-C</i>	2	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>HLA-C</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>HLA-C</i>	1	Distal	2	rs9469031	NSCLC	6p21.33	rs9469031/6p21.33
<i>HLA-C</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HLA-C</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>HLA-C</i>	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>HLA-C</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>HLA-DMA</i>	2	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HLA-DMA</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>HLA-DMA</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>HLA-DMB</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HLA-DMB</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>HLA-DMB</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>HLA-DOA</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HLA-DOA</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>HLA-DOA</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>HLA-DOB</i>	2	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32

<i>HLA-DOB</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>HLA-DOB</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HLA-DPA1</i>	2	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HLA-DPA1</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>HLA-DPA1</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>HLA-DPA2</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HLA-DPA2</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HLA-DPA3</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HLA-DPA3</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HLA-DPB1</i>	2	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HLA-DPB1</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>HLA-DPB1</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>HLA-DQA1</i>	2	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HLA-DQA1</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>HLA-DQA1</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>HLA-DQA1</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HLA-DQA1</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>HLA-DQA1</i>	1	Coding	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HLA-DQA1</i>	0	Coding	4	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HLA-DQA1</i>	0	Coding	4	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HLA-DQA1</i>	0	Coding	4	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HLA-DQA1</i>	0	Coding	4	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HLA-DQA1</i>	0	Coding	4	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HLA-DQA1</i>	0	Coding	4	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HLA-DQA1</i>	0	Coding	4	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HLA-DQA2</i>	2	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HLA-DQA2</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>HLA-DQA2</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>HLA-DQA2</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HLA-DQA2</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>HLA-DQB1</i>	2	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HLA-DQB1</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>HLA-DQB1</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>HLA-DQB1</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HLA-DQB1</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>HLA-DQB1-AS1</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HLA-DQB1-AS1</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>HLA-DQB1-AS1</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>HLA-DQB1-AS1</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HLA-DQB1-AS1</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>HLA-DQB2</i>	2	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HLA-DQB2</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>HLA-DQB2</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3

<i>HLA-DQB2</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HLA-DQB2</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>HLA-DRA</i>	2	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HLA-DRA</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>HLA-DRA</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>HLA-DRA</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>HLA-DRA</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HLA-DRA</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>HLA-DRB1</i>	2	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HLA-DRB1</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>HLA-DRB1</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>HLA-DRB1</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HLA-DRB1</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>HLA-DRB5</i>	2	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HLA-DRB5</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>HLA-DRB5</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>HLA-DRB5</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HLA-DRB5</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>HLA-DRB6</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HLA-DRB6</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>HLA-DRB6</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HLA-DRB9</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HLA-DRB9</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>HLA-DRB9</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>HLA-DRB9</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HLA-E</i>	2	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HLA-E</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>HLA-E</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HLA-E</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>HLA-E</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>HLA-E</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HLA-E</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>HLA-E</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HLA-E</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>HLA-F</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HLA-F</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>HLA-F</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HLA-F</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HLA-F</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>HLA-F</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HLA-F-AS1</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HLA-F-AS1</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1

<i>HLA-F-AS1</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HLA-F-AS1</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HLA-F-AS1</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>HLA-F-AS1</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HLA-G</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HLA-G</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>HLA-G</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HLA-G</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HLA-G</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>HLA-G</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HLA-H</i>	2	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HLA-H</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HLA-H</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>HLA-H</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HLA-H</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HLA-H</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>HLA-J</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HLA-J</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>HLA-J</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HLA-J</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>HLA-J</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HLA-J</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>HLA-J</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HLA-J</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>HLA-K</i>	3	Promoter	1	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HLA-K</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HLA-K</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>HLA-K</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HLA-K</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>HLA-K</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HLA-K</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>HLA-K</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>HLA-L</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HLA-L</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>HLA-L</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HLA-L</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>HLA-L</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HLA-L</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>HLA-L</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>HLA-P</i>	0	Promoter	4	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>HLA-P</i>	0	Promoter	4	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>HLA-S</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22

<i>HLA-S</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>HLA-S</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>HLA-S</i>	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>HLA-T</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HLA-T</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>HLA-T</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HLA-T</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>HLA-T</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HLA-T</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>HLA-T</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HLA-T</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>HLA-U</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HLA-U</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>HLA-U</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HLA-U</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HLA-U</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>HLA-U</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HLA-V</i>	2	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>HLA-V</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HLA-V</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>HLA-V</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HLA-V</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HLA-V</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HLA-V</i>	0	Promoter	4	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>HLA-W</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HLA-W</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>HLA-W</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HLA-W</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>HLA-W</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HLA-W</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>HLA-W</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>HLA-W</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>HMBS</i>	1	Promoter	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>HMBS</i>	0.05	Distal	3	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>HNRNPA1P2</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HNRNPA1P2</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>HNRNPA1P2</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>HNRNPA1P2</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>HNRNPA1P35</i>	1	Promoter	2	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>HNRNPA1P35</i>	0.05	Distal	3	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>HNRNPA1P49</i>	1	Distal	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>HNRNPA1P49</i>	1	Promoter	2	rs6920364	NSCLC	6q27	rs6920364/6q27

<i>HNRNPA3P10</i>	0.05	Distal	3	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>HNRNPCP3</i>	1	Promoter	2	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>HNRNPCP3</i>	1	Promoter	2	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>HNRNPCP3</i>	1	Promoter	2	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>HNRNPCP3</i>	0.05	Distal	3	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>HNRNPCP3</i>	0.05	Distal	3	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>HNRNPCP3</i>	0.05	Distal	3	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>HNRNPKP2</i>	1	Distal	2	rs3217451	NSCLC	2q21.3	rs3217451/2q21.3
<i>HNRNPKP2</i>	1	Promoter	2	rs3217451	NSCLC	2q21.3	rs3217451/2q21.3
<i>HORMAD2</i>	3	Distal	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>HORMAD2</i>	1	Distal	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>HORMAD2</i>	1	Promoter	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>HSCB</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>HSD17B8</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HSPA1A</i>	2	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>HSPA1A</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HSPA1A</i>	1	Distal	2	rs9469031	NSCLC	6p21.33	rs9469031/6p21.33
<i>HSPA1A</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HSPA1A</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>HSPA1B</i>	2	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>HSPA1B</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HSPA1B</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HSPA1B</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>HSPA1L</i>	2	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>HSPA1L</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HSPA1L</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HSPA1L</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>HSPA1L</i>	1	Distal	2	rs9469031	NSCLC	6p21.33	rs9469031/6p21.33
<i>HSPA1L</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>HSPA1L</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>HSPA1L</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>HSPD1P2</i>	1	Distal	2	rs2945908	Lung SqCC	8p23.1	rs2945908/8p23.1
<i>HYKK</i>	1	Distal	2	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>HYKK</i>	1	Distal	2	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>HYKK</i>	1	Distal	2	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>HYKK</i>	1	Distal	2	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>HYKK</i>	1	Promoter	2	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>HYKK</i>	1	Promoter	2	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>HYKK</i>	1	Promoter	2	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>HYKK</i>	1	Promoter	2	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>IDH3A</i>	1	Promoter	2	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>IDH3A</i>	1	Promoter	2	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1

<i>IDH3A</i>	1	Promoter	2	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>IDH3A</i>	1	Promoter	2	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>IDH3A</i>	0.05	Distal	3	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>IDH3A</i>	0.05	Distal	3	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>IDH3A</i>	0.05	Distal	3	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>IDH3A</i>	0.05	Distal	3	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>IDH3A</i>	0.05	Distal	3	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>IER3</i>	2	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>IER3</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>IER3</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>IER3</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>IER3</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>IER3</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>IER3</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>IER3</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>IFITM4P</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>IFITM4P</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>IFITM4P</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>IFITM4P</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>IFITM4P</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>IFITM4P</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>IFNA1</i>	0.05	Distal	3	rs72658409	NSCLC	9p21.3	rs72658409/9p21.3
<i>IFNA11P</i>	0.05	Distal	3	rs72658409	NSCLC	9p21.3	rs72658409/9p21.3
<i>IFNA12P</i>	0.05	Distal	3	rs72658409	NSCLC	9p21.3	rs72658409/9p21.3
<i>IFNA13</i>	1	Promoter	2	rs10429489	Lung AD	9p21.3	rs10429489/9p21.3
<i>IFNA13</i>	0.05	Distal	3	rs10429489	Lung AD	9p21.3	rs10429489/9p21.3
<i>IFNA16</i>	1	Promoter	2	rs10429489	Lung AD	9p21.3	rs10429489/9p21.3
<i>IFNA16</i>	0.05	Distal	3	rs10429489	Lung AD	9p21.3	rs10429489/9p21.3
<i>IFNA17</i>	1	Promoter	2	rs10429489	Lung AD	9p21.3	rs10429489/9p21.3
<i>IFNA17</i>	0.05	Distal	3	rs10429489	Lung AD	9p21.3	rs10429489/9p21.3
<i>IFNA20P</i>	0.05	Distal	3	rs10429489	Lung AD	9p21.3	rs10429489/9p21.3
<i>IFNA20P</i>	0.05	Distal	3	rs72658409	NSCLC	9p21.3	rs72658409/9p21.3
<i>IFNA21</i>	1	Promoter	2	rs10429489	Lung AD	9p21.3	rs10429489/9p21.3
<i>IFNA21</i>	0.05	Distal	3	rs10429489	Lung AD	9p21.3	rs10429489/9p21.3
<i>IFNA21</i>	0.05	Distal	3	rs72658409	NSCLC	9p21.3	rs72658409/9p21.3
<i>IFNA22P</i>	0.05	Distal	3	rs1333040	Lung SqCC	9p21.3	rs1333040/9p21.3
<i>IFNA4</i>	1	Promoter	2	rs10429489	Lung AD	9p21.3	rs10429489/9p21.3
<i>IFNA4</i>	0.05	Distal	3	rs10429489	Lung AD	9p21.3	rs10429489/9p21.3
<i>IFNA5</i>	1	Promoter	2	rs10429489	Lung AD	9p21.3	rs10429489/9p21.3
<i>IFNA5</i>	0.05	Distal	3	rs10429489	Lung AD	9p21.3	rs10429489/9p21.3
<i>IFNA5</i>	0.05	Distal	3	rs1333040	Lung SqCC	9p21.3	rs1333040/9p21.3
<i>IFNA6</i>	0.05	Distal	3	rs72658409	NSCLC	9p21.3	rs72658409/9p21.3

<i>IFNA7</i>	0.05	Distal	3	rs10429489	Lung AD	9p21.3	rs10429489/9p21.3
<i>IFNA8</i>	0.1	Promoter	3	rs10429489	Lung AD	9p21.3	rs10429489/9p21.3
<i>IFNA8</i>	0.005	Distal	3	rs10429489	Lung AD	9p21.3	rs10429489/9p21.3
<i>IFNA8</i>	0.005	Distal	3	rs72658409	NSCLC	9p21.3	rs72658409/9p21.3
<i>IFNB1</i>	1	Promoter	2	rs10429489	Lung AD	9p21.3	rs10429489/9p21.3
<i>IFNB1</i>	0.05	Distal	3	rs10429489	Lung AD	9p21.3	rs10429489/9p21.3
<i>IFNE</i>	0.05	Distal	3	rs10429489	Lung AD	9p21.3	rs10429489/9p21.3
<i>IFNE</i>	0.05	Distal	3	rs72658409	NSCLC	9p21.3	rs72658409/9p21.3
<i>IFNW1</i>	1	Promoter	2	rs10429489	Lung AD	9p21.3	rs10429489/9p21.3
<i>IFNW1</i>	0.05	Distal	3	rs10429489	Lung AD	9p21.3	rs10429489/9p21.3
<i>IFNWP2</i>	0.05	Distal	3	rs10429489	Lung AD	9p21.3	rs10429489/9p21.3
<i>IFNWP2</i>	0.05	Distal	3	rs72658409	NSCLC	9p21.3	rs72658409/9p21.3
<i>IFNWP5</i>	0.1	Distal	3	rs10429489	Lung AD	9p21.3	rs10429489/9p21.3
<i>IFT46</i>	1	Promoter	2	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>IFT46</i>	1	Promoter	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>IFT46</i>	0.05	Distal	3	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>IFT46</i>	0.05	Distal	3	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>IGBP1P1</i>	1	Distal	2	rs1200399	Lung AD	14q13.1	rs1200399/14q13.1
<i>IGBP1P1</i>	1	Promoter	2	rs1200399	Lung AD	14q13.1	rs1200399/14q13.1
<i>IL10RA</i>	1	Distal	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>IMP3</i>	0.05	Distal	3	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>INPP5J</i>	1	Promoter	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>INPP5J</i>	0.05	Distal	3	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>IREB2</i>	2	Distal	2	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>IREB2</i>	2	Distal	2	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>IREB2</i>	2	Distal	2	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>IREB2</i>	2	Distal	2	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>IREB2</i>	2	Distal	2	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>IREB2</i>	2	Promoter	2	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>IREB2</i>	2	Promoter	2	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>IREB2</i>	2	Promoter	2	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>IREB2</i>	2	Promoter	2	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>ISLR</i>	0.05	Distal	3	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>ITPRIP</i>	1	Promoter	2	rs11591710	Lung AD	10q24.3	rs11591710/10q24.3
<i>ITPRIP</i>	0.05	Distal	3	rs11591710	Lung AD	10q24.3	rs11591710/10q24.3
<i>JAKMIP2</i>	1	Promoter	2	rs2895680	NSCLC	5q32	rs2895680/5q32
<i>JAKMIP2</i>	0.05	Distal	3	rs2895680	NSCLC	5q32	rs2895680/5q32
<i>KCTD18</i>	0.05	Distal	3	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>KHSRPP1</i>	1	Distal	2	rs10429489	Lung AD	9p21.3	rs10429489/9p21.3
<i>KHSRPP1</i>	1	Promoter	2	rs10429489	Lung AD	9p21.3	rs10429489/9p21.3
<i>KIAA0391</i>	1	Distal	2	rs1200399	Lung AD	14q13.1	rs1200399/14q13.1
<i>KIAA0391</i>	1	Promoter	2	rs1200399	Lung AD	14q13.1	rs1200399/14q13.1

<i>KIAA1024</i>	1	Promoter	2	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>KIAA1024</i>	1	Promoter	2	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>KIAA1024</i>	1	Promoter	2	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>KIAA1024</i>	0.05	Distal	3	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>KIAA1024</i>	0.05	Distal	3	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>KIAA1024</i>	0.05	Distal	3	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>PPP1R18</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>KIF25</i>	1	Promoter	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>KIF25</i>	0.05	Distal	3	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>KIF25-AS1</i>	1	Promoter	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>KIF25-AS1</i>	0.05	Distal	3	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>KIFC1</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>KIFC1</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>KLHL5</i>	2	Distal	2	rs116205103	NSCLC	4p14	rs116205103/4p14
<i>KLHL5</i>	2	Promoter	2	rs116205103	NSCLC	4p14	rs116205103/4p14
<i>KPNA2</i>	1	Distal	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>KPNA2</i>	1	Promoter	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>KPNA5</i>	1	Distal	2	rs5879422	NSCLC	6q22.1	rs5879422/6q22.1
<i>KREMEN1</i>	1	Promoter	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>KREMEN1</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>KRT1</i>	1	Promoter	2	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>KRT1</i>	0.05	Distal	3	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>KRT121P</i>	1	Promoter	2	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>KRT121P</i>	0.05	Distal	3	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>KRT18</i>	1	Promoter	2	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>KRT18</i>	0.05	Distal	3	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>KRT18P33</i>	0.05	Distal	3	rs17038564	Lung AD	2p14	rs17038564/2p14
<i>KRT2</i>	1	Promoter	2	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>KRT2</i>	0.05	Distal	3	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>KRT3</i>	0.05	Distal	3	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>KRT4</i>	1	Promoter	2	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>KRT4</i>	0.05	Distal	3	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>KRT5</i>	1	Promoter	2	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>KRT5</i>	0.05	Distal	3	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>KRT6A</i>	0.05	Distal	3	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>KRT6B</i>	1	Promoter	2	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>KRT6B</i>	0.05	Distal	3	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>KRT6C</i>	0.05	Distal	3	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>KRT7</i>	1	Promoter	2	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>KRT7</i>	0.05	Distal	3	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>KRT72</i>	0.05	Distal	3	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>KRT77</i>	1	Promoter	2	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13

<i>KRT77</i>	0.05	Distal	3	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>KRT78</i>	0.05	Distal	3	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>KRT8</i>	0.05	Distal	3	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>KRT80</i>	1	Promoter	2	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>KRT80</i>	0.05	Distal	3	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>KRT81</i>	1	Promoter	2	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>KRT81</i>	0.05	Distal	3	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>KRT83</i>	0.05	Distal	3	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>KRT84</i>	1	Promoter	2	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>KRT84</i>	0.05	Distal	3	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>KRT86</i>	1	Promoter	2	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>KRT86</i>	0.05	Distal	3	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>KRT8P48</i>	1	Distal	2	rs2895680	NSCLC	5q32	rs2895680/5q32
<i>KRT8P48</i>	1	Promoter	2	rs2895680	NSCLC	5q32	rs2895680/5q32
<i>KRT8P7</i>	1	Promoter	2	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>KRT8P7</i>	0.05	Distal	3	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>LEPREL1</i>	1	Distal	2	rs13080835	NSCLC	3q28	rs13080835/3q28
<i>LEPREL1-AS1</i>	1	Distal	2	rs10937405	NSCLC	3q28	rs10937405/3q28
<i>LEPREL1-AS1</i>	1	Distal	2	rs13080835	NSCLC	3q28	rs13080835/3q28
<i>LETMD1</i>	1	Promoter	2	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>LETMD1</i>	0.05	Distal	3	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>LGALS1</i>	0.05	Distal	3	rs17038564	Lung AD	2p14	rs17038564/2p14
<i>LIAS</i>	0.05	Distal	3	rs116205103	NSCLC	4p14	rs116205103/4p14
<i>LIF</i>	2	Distal	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>LIF</i>	1	Promoter	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>LIF</i>	1	Promoter	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>LIF</i>	0.1	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>LIME1</i>	5	Distal	1	rs41309931	Lung AD	20q13.33	rs41309931/20q13.33
<i>LIME1</i>	2	Promoter	2	rs41309931	Lung AD	20q13.33	rs41309931/20q13.33
<i>LINC00243</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>LINC00243</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>LINC00243</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>LINC00243</i>	0	Promoter	4	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>LINC00327</i>	1	Distal	2	rs753955	NSCLC	13q12.12	rs753955/13q12.12
<i>LINC00473</i>	1	Promoter	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>LINC00473</i>	0.05	Distal	3	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>LINC00621</i>	1	Distal	2	rs753955	NSCLC	13q12.12	rs753955/13q12.12
<i>LINC00674</i>	1	Distal	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>LINC00674</i>	1	Promoter	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>LINC00884</i>	1	Promoter	2	rs2131877	NSCLC	3q29	rs2131877/3q29
<i>LINC00884</i>	0.05	Distal	3	rs2131877	NSCLC	3q29	rs2131877/3q29
<i>LINC00969</i>	1	Distal	2	rs2131877	NSCLC	3q29	rs2131877/3q29

<i>LINGO1</i>	1	Promoter	2	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>LINGO1</i>	1	Promoter	2	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>LINGO1</i>	0.05	Distal	3	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>LINGO1</i>	0.05	Distal	3	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>LINGO1</i>	0.05	Distal	3	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>LINGO1</i>	0.05	Distal	3	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>LMAN1L</i>	1	Distal	2	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>LOC440461</i>	1	Distal	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>LOC440461</i>	1	Promoter	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>LOXLI</i>	0.05	Distal	3	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>LOXLI-AS1</i>	0.05	Distal	3	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>LPCAT1</i>	1	Distal	2	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>LPCAT1</i>	1	Distal	2	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>LPCAT1</i>	1	Promoter	2	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>LPCAT1</i>	1	Promoter	2	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>LRRC31</i>	1	Distal	2	rs2293607	Lung AD	3q26.2	rs2293607/3q26.2
<i>LRRC31</i>	1	Promoter	2	rs2293607	Lung AD	3q26.2	rs2293607/3q26.2
<i>LRRC34</i>	2	Coding	2	rs2293607	Lung AD	3q26.2	rs2293607/3q26.2
<i>LRRC34</i>	2	Coding	2	rs2293607	Lung AD	3q26.2	rs2293607/3q26.2
<i>LRRC34</i>	1	Distal	2	rs2293607	Lung AD	3q26.2	rs2293607/3q26.2
<i>LRRC37A16P</i>	1	Distal	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>LRRC37A16P</i>	1	Promoter	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>LRTM2</i>	0.05	Distal	3	rs3748522	Lung SqCC	12p13.33	rs3748522/12p13.33
<i>LSG1</i>	0.05	Distal	3	rs2131877	NSCLC	3q29	rs2131877/3q29
<i>LSM2</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>LSM2</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>LSM2</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>LSM2</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>LST1</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>LST1</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>LST1</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>LST1</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>LST1</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>LST1</i>	1	Distal	2	rs9469031	NSCLC	6p21.33	rs9469031/6p21.33
<i>LST1</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>LTA</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>LTA</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>LTA</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>LTA</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>LTA</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>LTB</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>LTB</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22

<i>LTB</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>LTB</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>LTBP4</i>	0.05	Distal	3	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>LY6G5B</i>	2	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>LY6G5B</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>LY6G5B</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>LY6G5B</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>LY6G5B</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>LY6G5B</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>LY6G5B</i>	1	Distal	2	rs9469031	NSCLC	6p21.33	rs9469031/6p21.33
<i>LY6G5B</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>LY6G5B</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>LY6G5B</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>LY6G5B</i>	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>LY6G5B</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>LY6G5C</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>LY6G5C</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>LY6G5C</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>LY6G5C</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>LY6G5C</i>	1	Distal	2	rs9469031	NSCLC	6p21.33	rs9469031/6p21.33
<i>LY6G5C</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>LY6G5C</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>LY6G6C</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>LY6G6C</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>LY6G6C</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>LY6G6C</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>LY6G6C</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>LY6G6C</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>LY6G6D</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>LY6G6D</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>LY6G6D</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>LY6G6F</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>LY6G6F</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>LYPLA2P1</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>MAN2C1</i>	0.05	Distal	3	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>MAP3K10</i>	0.05	Distal	3	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>MARCKSLIP1</i>	1	Promoter	2	rs11591710	Lung AD	10q24.3	rs11591710/10q24.3
<i>MARCKSLIP1</i>	0.05	Distal	3	rs11591710	Lung AD	10q24.3	rs11591710/10q24.3
<i>MCAM</i>	1	Promoter	2	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>MCAM</i>	0.05	Distal	3	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>MCCD1</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>MCCD1</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22

<i>MCCDIP1</i>	0	Promoter	4	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>MCM6</i>	1	Distal	2	rs3217451	NSCLC	2q21.3	rs3217451/2q21.3
<i>MCM6</i>	1	Promoter	2	rs3217451	NSCLC	2q21.3	rs3217451/2q21.3
<i>MDC1</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>MDC1</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>MDC1</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>MDC1</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>MDC1</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>MDC1</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>MDC1</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>MDC1</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>MDC1</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>MDC1</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>MDC1</i>	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>MDFI</i>	1	Distal	2	rs1853837	NSCLC	6p21.1	rs1853837/6p21.1
<i>MECOM</i>	2	Distal	2	rs2293607	Lung AD	3q26.2	rs2293607/3q26.2
<i>MECOM</i>	2	Promoter	2	rs2293607	Lung AD	3q26.2	rs2293607/3q26.2
<i>MED20</i>	0.05	Distal	3	rs1853837	NSCLC	6p21.1	rs1853837/6p21.1
<i>MEGT1</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>MEGT1</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>MEGT1</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>MEGT1</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>MEGT1</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>MEGT1</i>	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>MFHAS1</i>	0.05	Distal	3	rs2945908	Lung SqCC	8p23.1	rs2945908/8p23.1
<i>MFRP</i>	0.05	Distal	3	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>MIA</i>	1	Distal	2	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>MICA</i>	2	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>MICA</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>MICA</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>MICA</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>MICA</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>MICA</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>MICB</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>MICB</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>MICB</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>MICB</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>MICB</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>MICB</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>MICB</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>MICB</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>MICB</i>	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33

<i>MICB</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>MICC</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>MICC</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>MICC</i>	0	Promoter	4	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>MICE</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>MICE</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>MICE</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>MICE</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>MICE</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>MICE</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>MICF</i>	0	Promoter	4	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>MICG</i>	0	Promoter	4	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>MICG</i>	0	Promoter	4	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>MIPEP</i>	1	Distal	2	rs753955	NSCLC	13q12.12	rs753955/13q12.12
<i>MIR128-1</i>	0	Promoter	4	rs3217451	NSCLC	2q21.3	rs3217451/2q21.3
<i>MIR128-1</i>	0	Promoter	4	rs35661893	NSCLC	4q27	rs35661893/4q27
<i>MIR128-1</i>	0	Promoter	4	rs719739	NSCLC	13q34	rs719739/13q34
<i>MIR31HG</i>	0.05	Distal	3	rs72658409	NSCLC	9p21.3	rs72658409/9p21.3
<i>MIR3939</i>	1	Promoter	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>MIR4457</i>	0	Promoter	4	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>MIR4640</i>	0	Promoter	4	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>MIR4660</i>	0.05	Distal	3	rs2945908	Lung SqCC	8p23.1	rs2945908/8p23.1
<i>MIR548I3</i>	1	Distal	2	rs2945908	Lung SqCC	8p23.1	rs2945908/8p23.1
<i>MIR936</i>	1	Distal	2	rs11591710	Lung AD	10q24.3	rs11591710/10q24.3
<i>MLLT4</i>	1	Promoter	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>MLLT4</i>	0.05	Distal	3	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>MLLT4-AS1</i>	1	Promoter	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>MLLT4-AS1</i>	0.05	Distal	3	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>MOG</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>MOG</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>MOG</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>MOG</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>MOG</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>MOG</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>MORC2</i>	1	Promoter	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>MORC2</i>	0.05	Distal	3	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>MORC2-AS1</i>	1	Promoter	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>MORC2-AS1</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>MORF4L1</i>	1	Promoter	2	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>MORF4L1</i>	1	Promoter	2	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>MORF4L1</i>	1	Promoter	2	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>MORF4L1</i>	1	Promoter	2	rs938682	NSCLC	15q25.1	rs938682/15q25.1

<i>MORF4L1</i>	0.05	Distal	3	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>MORF4L1</i>	0.05	Distal	3	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>MORF4L1</i>	0.05	Distal	3	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>MORF4L1</i>	0.05	Distal	3	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>MORF4L1</i>	0.05	Distal	3	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>MPC1</i>	1	Distal	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>MPC1</i>	1	Promoter	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>MPI</i>	0.05	Distal	3	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>MPP4</i>	1	Distal	2	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>MPP4</i>	1	Promoter	2	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>MPZL2</i>	1	Promoter	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>MPZL2</i>	1	Promoter	2	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>MPZL2</i>	0.05	Distal	3	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>MPZL3</i>	2	Distal	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>MPZL3</i>	2	Promoter	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>MRPL36</i>	1	Distal	2	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>MRPL36</i>	1	Distal	2	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>MRPL36</i>	1	Distal	2	rs7705526	Lung AD	5p15.33	rs7705526/5p15.33
<i>MRPL36</i>	1	Promoter	2	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>MRPL36</i>	1	Promoter	2	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>MRPS18B</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>MRPS18B</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>MRPS18B</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>MRPS18B</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>MSH5</i>	3	Promoter	1	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>MSH5</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>MSH5</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>MSH5</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>MSH5</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>MSH5</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>MSH5</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>MSH5</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>MSH5</i>	0	Promoter	4	rs11780471	NSCLC	8p21.1	rs11780471/8p21.1
<i>MSH5</i>	0	Promoter	4	rs1853837	NSCLC	6p21.1	rs1853837/6p21.1
<i>MSH5</i>	0	Promoter	4	rs2285947	NSCLC	7p15.3	rs2285947/7p15.3
<i>MSH5</i>	0	Promoter	4	rs72658409	NSCLC	9p21.3	rs72658409/9p21.3
<i>MSH5</i>	0	Coding	4	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>MSH5-SAPCD1</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>MSH5-SAPCD1</i>	0	Promoter	4	rs11780471	NSCLC	8p21.1	rs11780471/8p21.1
<i>MSH5-SAPCD1</i>	0	Promoter	4	rs1853837	NSCLC	6p21.1	rs1853837/6p21.1
<i>MSH5-SAPCD1</i>	0	Promoter	4	rs2285947	NSCLC	7p15.3	rs2285947/7p15.3
<i>MSH5-SAPCD1</i>	0	Promoter	4	rs72658409	NSCLC	9p21.3	rs72658409/9p21.3

<i>MTAP</i>	1	Distal	2	rs10429489	Lung AD	9p21.3	rs10429489/9p21.3
<i>MTAP</i>	1	Distal	2	rs72658409	NSCLC	9p21.3	rs72658409/9p21.3
<i>MTAP</i>	1	Promoter	2	rs10429489	Lung AD	9p21.3	rs10429489/9p21.3
<i>MTCO3P1</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>MTFP1</i>	1	Promoter	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>MTFP1</i>	1	Promoter	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>MTFP1</i>	0.05	Distal	3	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>MTFP1</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>MTMR3</i>	5	Distal	1	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>MTMR3</i>	1	Distal	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>MTMR3</i>	1	Promoter	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>MTMR3</i>	1	Promoter	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>MUC21</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>MUC21</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>MUC21</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>MUC21</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>MUC21</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>MUC22</i>	0	Promoter	4	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>MUC4</i>	1	Distal	2	rs2131877	NSCLC	3q29	rs2131877/3q29
<i>MUC4</i>	1	Promoter	2	rs2131877	NSCLC	3q29	rs2131877/3q29
<i>MUSK</i>	1	Distal	2	rs12006500	Lung AD	9q31.3	rs12006500/9q31.3
<i>MYEF2</i>	0.05	Distal	3	rs77468143	Lung AD	15q21.1	rs77468143/15q21.1
<i>MYNN</i>	3	Promoter	1	rs2293607	Lung AD	3q26.2	rs2293607/3q26.2
<i>MYNN</i>	1	Distal	2	rs2293607	Lung AD	3q26.2	rs2293607/3q26.2
<i>MYNN</i>	0	Coding	4	rs2293607	Lung AD	3q26.2	rs2293607/3q26.2
<i>NCR3</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>NCR3</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>NCR3</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>NCR3</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>NDUFB3</i>	1	Distal	2	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>NDUFB3</i>	1	Promoter	2	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>NDUFB6</i>	0.05	Distal	3	rs35201538	Lung AD	9p13.3	rs35201538/9p13.3
<i>NDUFS6</i>	1	Distal	2	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>NDUFS6</i>	1	Distal	2	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>NDUFS6</i>	1	Promoter	2	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>NDUFS6</i>	1	Promoter	2	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>NEFH</i>	1	Promoter	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>NEFH</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>NEILI</i>	0.05	Distal	3	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>NELFE</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>NELFE</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>NELFE</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22

<i>NELFE</i>	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>NELFE</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>NEU1</i>	2	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>NEU1</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>NEU1</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>NEU1</i>	1	Distal	2	rs9469031	NSCLC	6p21.33	rs9469031/6p21.33
<i>NEU1</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>NEU1</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>NEXN</i>	1	Distal	2	rs71658797	NSCLC	1p31.1	rs71658797/1p31.1
<i>NEXN</i>	1	Promoter	2	rs71658797	NSCLC	1p31.1	rs71658797/1p31.1
<i>NEXN-AS1</i>	1	Distal	2	rs71658797	NSCLC	1p31.1	rs71658797/1p31.1
<i>NF2</i>	2	Promoter	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>NF2</i>	2	Promoter	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>NF2</i>	0.1	Distal	3	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>NF2</i>	0.1	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>NFKBIL1</i>	2	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>NFKBIL1</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>NFKBIL1</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>NFKBIL1</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>NFKBIL1</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>NFKBIL1</i>	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>NFX1</i>	1	Distal	2	rs35201538	Lung AD	9p13.3	rs35201538/9p13.3
<i>NIF3L1</i>	1	Promoter	2	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>NIF3L1</i>	0.05	Distal	3	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>NIPSNAP1</i>	1	Promoter	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>NIPSNAP1</i>	1	Promoter	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>NIPSNAP1</i>	0.05	Distal	3	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>NIPSNAP1</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>NKAIN4</i>	1	Distal	2	rs41309931	Lung AD	20q13.33	rs41309931/20q13.33
<i>NKAIN4</i>	1	Promoter	2	rs41309931	Lung AD	20q13.33	rs41309931/20q13.33
<i>NKD2</i>	0.05	Distal	3	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>NOL11</i>	1	Distal	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>NOL11</i>	1	Promoter	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>NOL5BP</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>NOP58</i>	0.05	Distal	3	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>NOTCH4</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>NOTCH4</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>NOTCH4</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>NOTCH4</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>NOTCH4</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>NOTCH4</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>NOTCH4</i>	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33

<i>NOTCH4</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>NR4A1</i>	1	Distal	2	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>NR4A1</i>	1	Promoter	2	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>NRAP</i>	0.05	Distal	3	rs12265047	NSCLC	10q25.2	rs12265047/10q25.2
<i>NRG1</i>	4	Promoter	1	rs4236709	Lung AD	8p12	rs4236709/8p12
<i>NRG1</i>	2	Distal	2	rs4236709	Lung AD	8p12	rs4236709/8p12
<i>NRG1-IT1</i>	1	Promoter	2	rs4236709	Lung AD	8p12	rs4236709/8p12
<i>NRG1-IT1</i>	0.05	Distal	3	rs4236709	Lung AD	8p12	rs4236709/8p12
<i>NRG1-IT2</i>	0.1	Distal	3	rs4236709	Lung AD	8p12	rs4236709/8p12
<i>NRM</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>NRM</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>NRM</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>NRM</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>NRM</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>NRM</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>NRM</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>NUS1</i>	0.05	Distal	3	rs5879422	NSCLC	6q22.1	rs5879422/6q22.1
<i>OARD1</i>	1	Distal	2	rs1853837	NSCLC	6p21.1	rs1853837/6p21.1
<i>OBFC1</i>	1	Distal	2	rs11591710	Lung AD	10q24.3	rs11591710/10q24.3
<i>OBFC1</i>	1	Promoter	2	rs11591710	Lung AD	10q24.3	rs11591710/10q24.3
<i>ODF3L1</i>	0.05	Distal	3	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>OR1HIP</i>	0.05	Distal	3	rs4573350	Lung SqCC	9q33.2	rs4573350/9q33.2
<i>OR1J4</i>	0.05	Distal	3	rs4573350	Lung SqCC	9q33.2	rs4573350/9q33.2
<i>OR1L4</i>	0.05	Distal	3	rs4573350	Lung SqCC	9q33.2	rs4573350/9q33.2
<i>OR1Q1</i>	0.05	Distal	3	rs4573350	Lung SqCC	9q33.2	rs4573350/9q33.2
<i>OR2B4P</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>OR2B4P</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>OR2H1</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>OR2H1</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>OR2H1</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>OR2H1</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>OR2H2</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>OR2H2</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>OR2H2</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>OR2H2</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>OR2H2</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>OR2H5P</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>OR2H5P</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>OR2H5P</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>OR2H5P</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>OR7E47P</i>	1	Distal	2	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>OR7E47P</i>	1	Promoter	2	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13

<i>ORC2</i>	1	Promoter	2	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>ORC2</i>	0.05	Distal	3	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>OSBP2</i>	1	Promoter	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>OSBP2</i>	1	Promoter	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>OSBP2</i>	0.05	Distal	3	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>OSBP2</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>OSM</i>	1	Distal	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>OSM</i>	1	Promoter	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>OSM</i>	1	Promoter	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>OSM</i>	0.1	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>PAIP1P1</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>PAIP1P1</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>PAIP1P1</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>PAIP1P1</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>PAIP1P1</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>PAIP1P1</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>PAIP1P1</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>PAIP1P1</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>PARP4</i>	0.05	Distal	3	rs753955	NSCLC	13q12.12	rs753955/13q12.12
<i>PBK</i>	0.05	Distal	3	rs11780471	NSCLC	8p21.1	rs11780471/8p21.1
<i>MUC22</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>MUC22</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>PBX2</i>	2	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>PBX2</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>PBX2</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>PBX2</i>	1	Distal	2	rs9469031	NSCLC	6p21.33	rs9469031/6p21.33
<i>PBX2</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>PCOTH</i>	1	Distal	2	rs753955	NSCLC	13q12.12	rs753955/13q12.12
<i>PDE10A</i>	1	Promoter	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>PDE10A</i>	0.05	Distal	3	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>PES1</i>	0.05	Distal	3	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>PES1</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>PFDN4</i>	1	Distal	2	rs4809957	NSCLC	20q13.2	rs4809957/20q13.2
<i>PFDN4</i>	1	Promoter	2	rs4809957	NSCLC	20q13.2	rs4809957/20q13.2
<i>PFDN6</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>PHF1</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>PHLDB1</i>	2	Promoter	2	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>PHLDB1</i>	1	Distal	2	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>PHLDB1</i>	1	Promoter	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>PHLDB1</i>	0.05	Distal	3	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>PITPNC1</i>	1	Distal	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>PITPNC1</i>	1	Promoter	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2

<i>PLD3</i>	0.05	Distal	3	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>PML</i>	0.05	Distal	3	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>POU5F1</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>POU5F1</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>POU5F1</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>POU5F1</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>POU5F1</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>POU5F1</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>POU5F1</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>POU6F1</i>	0.05	Distal	3	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>PPCDC</i>	0.05	Distal	3	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>PPDPF</i>	1	Distal	2	rs41309931	Lung AD	20q13.33	rs41309931/20q13.33
<i>PPDPF</i>	1	Promoter	2	rs41309931	Lung AD	20q13.33	rs41309931/20q13.33
<i>PPIAP9</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>PPIAP9</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>PPIL3</i>	0.05	Distal	3	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>PPP1R10</i>	2	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>PPP1R10</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>PPP1R10</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>PPP1R10</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>PPP1R10</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>PPP1R10</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>PPP1R10</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>PPP1R10</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>PPP1R10</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>PPP1R10</i>	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>PPP1R11</i>	2	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>PPP1R11</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>PPP1R11</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>PPP1R11</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>PPP1R11</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>PPP1R11</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>PPP1R18</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>PPP1R18</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>PPP1R18</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>PPP1R18</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>PPP1R18</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>PPP1R18</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>PPP1R18</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>PPP1R18</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>PPP1R18</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>PPP1R18</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22

<i>PPP1R18</i>	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>PPP1R18</i>	1	Coding	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>PPP1R2</i>	1	Distal	2	rs2131877	NSCLC	3q29	rs2131877/3q29
<i>PPP1R2</i>	1	Promoter	2	rs2131877	NSCLC	3q29	rs2131877/3q29
<i>PPP1R2P1</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>PPP1R2P1</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>PPP2R3C</i>	1	Distal	2	rs1200399	Lung AD	14q13.1	rs1200399/14q13.1
<i>PPP2R3C</i>	1	Promoter	2	rs1200399	Lung AD	14q13.1	rs1200399/14q13.1
<i>PPT2</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>PPT2</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>PPT2</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>PPT2</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>PPT2</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>PPT2-EGFL8</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>PPT2-EGFL8</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>PRKARIA</i>	1	Promoter	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>PRKARIA</i>	0.05	Distal	3	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>PRR18</i>	1	Promoter	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>PRR18</i>	0.05	Distal	3	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>PRR3</i>	2	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>PRR3</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>PRR3</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>PRR3</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>PRR3</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>PRR3</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>PRR3</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>PRR3</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>PRRC2A</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>PRRC2A</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>PRRC2A</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>PRRC2A</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>PRRC2A</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>PRRC2A</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>PRRC2A</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>PRRC2A</i>	1	Coding	2	rs9469031	NSCLC	6p21.33	rs9469031/6p21.33
<i>PRRC2A</i>	0	Promoter	4	rs11780471	NSCLC	8p21.1	rs11780471/8p21.1
<i>PRRC2A</i>	0	Promoter	4	rs1853837	NSCLC	6p21.1	rs1853837/6p21.1
<i>PRRC2A</i>	0	Promoter	4	rs2285947	NSCLC	7p15.3	rs2285947/7p15.3
<i>PRRC2A</i>	0	Promoter	4	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>PRRC2A</i>	0	Promoter	4	rs72658409	NSCLC	9p21.3	rs72658409/9p21.3
<i>PRRT1</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>PRRT1</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22

<i>PRSS3P4</i>	1	Distal	2	rs35201538	Lung AD	9p13.3	rs35201538/9p13.3
<i>PSMA4</i>	1	Distal	2	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>PSMA4</i>	1	Distal	2	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>PSMA4</i>	1	Distal	2	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>PSMA4</i>	1	Distal	2	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>PSMA4</i>	1	Distal	2	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>PSMA4</i>	1	Promoter	2	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>PSMA4</i>	1	Promoter	2	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>PSMA4</i>	1	Promoter	2	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>PSMA4</i>	1	Promoter	2	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>PSMA4</i>	1	Promoter	2	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>PSMB8</i>	2	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>PSMB8</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>PSMB9</i>	2	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>PSMB9</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>PSMC4</i>	0.05	Distal	3	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>PSMD12</i>	1	Promoter	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>PSMD12</i>	0.05	Distal	3	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>PSORSIC1</i>	2	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>PSORSIC1</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>PSORSIC1</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>PSORSIC1</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>PSORSIC1</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>PSORSIC1</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>PSORSIC1</i>	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>PSORSIC1</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>PSORSIC2</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>PSORSIC2</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>PSORSIC2</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>PSORSIC2</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>PSORSIC2</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>PSORSIC3</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>PSORSIC3</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>PSORSIC3</i>	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>PTGFR</i>	0.05	Distal	3	rs71658797	NSCLC	1p31.1	rs71658797/1p31.1
<i>PTK2B</i>	1	Distal	2	rs11780471	NSCLC	8p21.1	rs11780471/8p21.1
<i>PTMAP1</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>PTMAP1</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>PTPLAD2</i>	0.05	Distal	3	rs10429489	Lung AD	9p21.3	rs10429489/9p21.3
<i>R3HDM1</i>	1	Distal	2	rs3217451	NSCLC	2q21.3	rs3217451/2q21.3
<i>R3HDM1</i>	1	Promoter	2	rs3217451	NSCLC	2q21.3	rs3217451/2q21.3
<i>R3HDM1</i>	1	Coding	2	rs3217451	NSCLC	2q21.3	rs3217451/2q21.3

<i>R3HDM1</i>	0	Promoter	4	rs35661893	NSCLC	4q27	rs35661893/4q27
<i>R3HDM1</i>	0	Promoter	4	rs719739	NSCLC	13q34	rs719739/13q34
<i>RAB20</i>	0.05	Distal	3	rs719739	NSCLC	13q34	rs719739/13q34
<i>RAB3GAP1</i>	1	Distal	2	rs3217451	NSCLC	2q21.3	rs3217451/2q21.3
<i>RAB4B</i>	1	Distal	2	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>RAD52</i>	3	Promoter	1	rs3748522	Lung SqCC	12p13.33	rs3748522/12p13.33
<i>RAD52</i>	2	Promoter	2	rs7953330	Lung SqCC	12p13.33	rs7953330/12p13.33
<i>RAD52</i>	1	Distal	2	rs3748522	Lung SqCC	12p13.33	rs3748522/12p13.33
<i>RAD52</i>	1	Distal	2	rs6489769	Lung SqCC	12p13.33	rs6489769/12p13.33
<i>RAD52</i>	1	Distal	2	rs7953330	Lung SqCC	12p13.33	rs7953330/12p13.33
<i>RALGAP1</i>	1	Promoter	2	rs1200399	Lung AD	14q13.1	rs1200399/14q13.1
<i>RALGAP1</i>	0.05	Distal	3	rs1200399	Lung AD	14q13.1	rs1200399/14q13.1
<i>RANP1</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>RANP1</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>RANP1</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>RANP1</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>RANP1</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>RANP1</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>RANP1</i>	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>RASGRF1</i>	1	Promoter	2	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>RASGRF1</i>	1	Promoter	2	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>RASGRF1</i>	1	Promoter	2	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>RASGRF1</i>	0.15	Distal	3	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>RASGRF1</i>	0.15	Distal	3	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>RASGRF1</i>	0.1	Distal	3	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>RASGRF1</i>	0.05	Distal	3	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>RASL10A</i>	1	Promoter	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>RASL10A</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>RFC1</i>	1	Distal	2	rs116205103	NSCLC	4p14	rs116205103/4p14
<i>RFC1</i>	1	Promoter	2	rs116205103	NSCLC	4p14	rs116205103/4p14
<i>RFPL1S</i>	1	Promoter	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>RFPL1S</i>	1	Promoter	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>RFPL1S</i>	0.05	Distal	3	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>RFPL1S</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>RGL2</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>RGL2</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>RHBDD3</i>	1	Promoter	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>RHBDD3</i>	0.05	Distal	3	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>RHBDD3</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>RING1</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>RING1</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>RN7SKP139</i>	0	Promoter	4	rs66759488	NSCLC	15q21.1	rs66759488/15q21.1

<i>RN7SKP186</i>	0	Promoter	4	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>RN7SL178P</i>	1	Distal	2	rs2945908	Lung SqCC	8p23.1	rs2945908/8p23.1
<i>RN7SL36P</i>	1	Promoter	2	rs2131877	NSCLC	3q29	rs2131877/3q29
<i>RN7SL471P</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>RN7SL471P</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>RN7SL471P</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>RN7SL471P</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>RN7SL529P</i>	0.05	Distal	3	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>RN7SL577P</i>	1	Promoter	2	rs77468143	Lung AD	15q21.1	rs77468143/15q21.1
<i>RN7SL622P</i>	0	Promoter	4	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>RN7SL622P</i>	0	Promoter	4	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>RN7SL635P</i>	2	Distal	2	rs17038564	Lung AD	2p14	rs17038564/2p14
<i>RN7SL688P</i>	1	Promoter	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>RN7SL688P</i>	0.05	Distal	3	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>RNA5SP196</i>	1	Distal	2	rs2895680	NSCLC	5q32	rs2895680/5q32
<i>RNA5SP196</i>	1	Promoter	2	rs2895680	NSCLC	5q32	rs2895680/5q32
<i>RNA5SP261</i>	0.02	Distal	3	rs4236709	Lung AD	8p12	rs4236709/8p12
<i>RNASET2</i>	3	Promoter	1	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>RNASET2</i>	2	Distal	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>RNF185</i>	0.05	Distal	3	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>RNF185</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>RNF215</i>	1	Promoter	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>RNF215</i>	0.15	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>RNF26</i>	0.05	Distal	3	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>RNF39</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>RNF39</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>RNF39</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>RNF39</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>RNF39</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>RNF39</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>RNF5</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>RNF5</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>RNF5</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>RNF5</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>RNF5</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>RNF5</i>	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>RNF5</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>RNU2-11P</i>	1	Distal	2	rs2131877	NSCLC	3q29	rs2131877/3q29
<i>RNU6-1013P</i>	0.05	Distal	3	rs12006500	Lung AD	9q31.3	rs12006500/9q31.3
<i>RNU6-1123P</i>	0.05	Distal	3	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>RNU6-1261P</i>	0.2	Distal	3	rs1200399	Lung AD	14q13.1	rs1200399/14q13.1
<i>RNU6-312P</i>	0.05	Distal	3	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1

<i>RNU6-376P</i>	0.05	Distal	3	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>RNU6-512P</i>	0	Promoter	4	rs3217451	NSCLC	2q21.3	rs3217451/2q21.3
<i>RNU6-512P</i>	0	Promoter	4	rs35661893	NSCLC	4q27	rs35661893/4q27
<i>RNU6-512P</i>	0	Promoter	4	rs719739	NSCLC	13q34	rs719739/13q34
<i>RNU6-528P</i>	0.1	Distal	3	rs4236709	Lung AD	8p12	rs4236709/8p12
<i>RNU6-574P</i>	0	Promoter	4	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>RNU6-574P</i>	0	Promoter	4	rs753955	NSCLC	13q12.12	rs753955/13q12.12
<i>RNU6-651P</i>	2	Distal	2	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>RNU6-850P</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>RNU6-850P</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>RNU6-850P</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>RNU6-850P</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>RNU6-850P</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>RNU6-850P</i>	0	Promoter	4	rs11780471	NSCLC	8p21.1	rs11780471/8p21.1
<i>RNU6-850P</i>	0	Promoter	4	rs1853837	NSCLC	6p21.1	rs1853837/6p21.1
<i>RNU6-850P</i>	0	Promoter	4	rs2285947	NSCLC	7p15.3	rs2285947/7p15.3
<i>RNU6-850P</i>	0	Promoter	4	rs72658409	NSCLC	9p21.3	rs72658409/9p21.3
<i>RNU6-945P</i>	0.05	Distal	3	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>ROS1</i>	2	Distal	2	rs5879422	NSCLC	6q22.1	rs5879422/6q22.1
<i>RP1-102K2.8</i>	2	Distal	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>RP1-102K2.8</i>	2	Distal	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>RP11-1002K11.1</i>	1	Promoter	2	rs4236709	Lung AD	8p12	rs4236709/8p12
<i>RP11-1002K11.1</i>	0.05	Distal	3	rs4236709	Lung AD	8p12	rs4236709/8p12
<i>RP11-107N15.1</i>	1	Distal	2	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>RP11-10A14.3</i>	0.05	Distal	3	rs2945908	Lung SqCC	8p23.1	rs2945908/8p23.1
<i>RP11-10O17.1</i>	0.05	Distal	3	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>RP11-1100L3.4</i>	2	Distal	2	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>RP11-1100L3.8</i>	1	Distal	2	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>RP11-1100L3.8</i>	1	Promoter	2	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>RP11-110I1.13</i>	1	Promoter	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>RP11-110I1.13</i>	0.05	Distal	3	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>RP11-110I1.14</i>	1	Promoter	2	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>RP11-110I1.14</i>	0.05	Distal	3	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>RP11-114H24.2</i>	1	Promoter	2	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>RP11-114H24.2</i>	1	Promoter	2	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>RP11-114H24.2</i>	0.05	Distal	3	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>RP11-114H24.2</i>	0.05	Distal	3	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>RP11-114H24.2</i>	0.05	Distal	3	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>RP11-115J16.1</i>	0.05	Distal	3	rs2945908	Lung SqCC	8p23.1	rs2945908/8p23.1
<i>RP11-11N9.4</i>	1	Promoter	2	rs4236709	Lung AD	8p12	rs4236709/8p12
<i>RP11-11N9.4</i>	0.05	Distal	3	rs4236709	Lung AD	8p12	rs4236709/8p12
<i>RP11-120M18.2</i>	1	Distal	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2

<i>RP11-120M18.2</i>	1	Promoter	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>RP11-127O4.3</i>	1	Promoter	2	rs11591710	Lung AD	10q24.3	rs11591710/10q24.3
<i>RP11-127O4.3</i>	0.05	Distal	3	rs11591710	Lung AD	10q24.3	rs11591710/10q24.3
<i>RP11-139K1.2</i>	0.05	Distal	3	rs12265047	NSCLC	10q25.2	rs12265047/10q25.2
<i>RP11-141C7.3</i>	1	Distal	2	rs2131877	NSCLC	3q29	rs2131877/3q29
<i>RP11-141C7.4</i>	1	Distal	2	rs2131877	NSCLC	3q29	rs2131877/3q29
<i>RP11-141C7.4</i>	1	Promoter	2	rs2131877	NSCLC	3q29	rs2131877/3q29
<i>RP11-145E5.5</i>	1	Distal	2	rs10429489	Lung AD	9p21.3	rs10429489/9p21.3
<i>RP11-147L13.2</i>	1	Distal	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>RP11-147L13.7</i>	1	Distal	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>RP11-147L13.7</i>	1	Promoter	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>RP11-147L13.8</i>	1	Distal	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>RP11-147L13.8</i>	1	Promoter	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>RP11-151F5.2</i>	0.05	Distal	3	rs12006500	Lung AD	9q31.3	rs12006500/9q31.3
<i>RP11-158I9.5</i>	0.1	Distal	3	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>RP11-160C18.4</i>	2	Distal	2	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>RP11-160C18.4</i>	2	Distal	2	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>RP11-160C18.4</i>	2	Distal	2	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>RP11-160C18.4</i>	2	Distal	2	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>RP11-16K12.1</i>	1	Promoter	2	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>RP11-16K12.1</i>	1	Promoter	2	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>RP11-16K12.1</i>	1	Promoter	2	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>RP11-16K12.1</i>	1	Promoter	2	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>RP11-16K12.1</i>	0.05	Distal	3	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>RP11-16K12.1</i>	0.05	Distal	3	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>RP11-16K12.1</i>	0.05	Distal	3	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>RP11-16K12.1</i>	0.05	Distal	3	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>RP11-173D9.5</i>	1	Distal	2	rs1200399	Lung AD	14q13.1	rs1200399/14q13.1
<i>RP11-173D9.5</i>	1	Promoter	2	rs1200399	Lung AD	14q13.1	rs1200399/14q13.1
<i>RP11-176F3.7</i>	0.05	Distal	3	rs35201538	Lung AD	9p13.3	rs35201538/9p13.3
<i>RP11-17L5.4</i>	1	Promoter	2	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>RP11-17L5.4</i>	1	Promoter	2	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>RP11-17L5.4</i>	1	Promoter	2	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>RP11-17L5.4</i>	0.05	Distal	3	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>RP11-17L5.4</i>	0.05	Distal	3	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>RP11-17L5.4</i>	0.05	Distal	3	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>RP11-17L5.4</i>	0.05	Distal	3	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>RP11-17L5.4</i>	0.05	Distal	3	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>RP11-181C21.4</i>	1	Distal	2	rs71658797	NSCLC	1p31.1	rs71658797/1p31.1
<i>RP11-196E1.3</i>	1	Promoter	2	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>RP11-196E1.3</i>	0.05	Distal	3	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>RP11-1G11.2</i>	0.05	Distal	3	rs11780471	NSCLC	8p21.1	rs11780471/8p21.1

<i>RP11-205M20.7</i>	0.05	Distal	3	rs35201538	Lung AD	9p13.3	rs35201538/9p13.3
<i>RP11-211N11.5</i>	0.05	Distal	3	rs12265047	NSCLC	10q25.2	rs12265047/10q25.2
<i>RP11-244O19.1</i>	1	Distal	2	rs4573350	Lung SqCC	9q33.2	rs4573350/9q33.2
<i>RP11-247C2.2</i>	0.05	Distal	3	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>RP11-24M17.3</i>	0.05	Distal	3	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>RP11-24M17.4</i>	0.05	Distal	3	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>RP11-259O2.1</i>	1	Distal	2	rs2853677	Lung AD	5p15.33	rs2853677/5p15.33
<i>RP11-259O2.1</i>	1	Distal	2	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>RP11-285A1.1</i>	1	Promoter	2	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>RP11-285A1.1</i>	1	Promoter	2	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>RP11-285A1.1</i>	1	Promoter	2	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>RP11-285A1.1</i>	1	Promoter	2	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>RP11-285A1.1</i>	0.05	Distal	3	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>RP11-285A1.1</i>	0.05	Distal	3	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>RP11-285A1.1</i>	0.05	Distal	3	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>RP11-285A1.1</i>	0.05	Distal	3	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>RP11-285A1.1</i>	0.05	Distal	3	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>RP11-295H24.3</i>	1	Distal	2	rs77468143	Lung AD	15q21.1	rs77468143/15q21.1
<i>RP11-295H24.3</i>	1	Promoter	2	rs77468143	Lung AD	15q21.1	rs77468143/15q21.1
<i>RP11-307C19.2</i>	1	Promoter	2	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>RP11-307C19.2</i>	1	Promoter	2	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>RP11-307C19.2</i>	0.05	Distal	3	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>RP11-307C19.2</i>	0.05	Distal	3	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>RP11-307C19.3</i>	1	Promoter	2	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>RP11-307C19.3</i>	0.05	Distal	3	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>RP11-307C19.3</i>	0.05	Distal	3	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>RP11-309I15.1</i>	1	Distal	2	rs753955	NSCLC	13q12.12	rs753955/13q12.12
<i>RP1-130H16.16</i>	1	Distal	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>RP1-130H16.16</i>	1	Promoter	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>RP1-130H16.16</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>RP11-310P5.2</i>	0.05	Distal	3	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>RP11-311H10.4</i>	1	Distal	2	rs35201538	Lung AD	9p13.3	rs35201538/9p13.3
<i>RP11-317N8.4</i>	0.05	Distal	3	rs1200399	Lung AD	14q13.1	rs1200399/14q13.1
<i>RP11-324O2.3</i>	1	Distal	2	rs12265047	NSCLC	10q25.2	rs12265047/10q25.2
<i>RP11-324O2.6</i>	1	Distal	2	rs12265047	NSCLC	10q25.2	rs12265047/10q25.2
<i>RP11-325I22.2</i>	1	Distal	2	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>RP11-325I22.2</i>	1	Distal	2	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>RP11-325I22.2</i>	1	Promoter	2	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>RP11-332O19.5</i>	0.05	Distal	3	rs11591710	Lung AD	10q24.3	rs11591710/10q24.3
<i>RP11-334E6.3</i>	0.05	Distal	3	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>RP11-344A7.1</i>	0.005	Distal	3	rs1333040	Lung SqCC	9p21.3	rs1333040/9p21.3
<i>RP11-349A8.3</i>	1	Promoter	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2

<i>RP11-349A8.3</i>	0.05	Distal	3	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>RP11-351J23.1</i>	1	Promoter	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>RP11-351J23.1</i>	0.05	Distal	3	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>RP11-351J23.2</i>	1	Promoter	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>RP11-351J23.2</i>	0.05	Distal	3	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>RP11-352G9.1</i>	1	Distal	2	rs2131877	NSCLC	3q29	rs2131877/3q29
<i>RP11-353B9.1</i>	1	Distal	2	rs77468143	Lung AD	15q21.1	rs77468143/15q21.1
<i>RP11-354P17.15</i>	0.05	Distal	3	rs10429489	Lung AD	9p21.3	rs10429489/9p21.3
<i>RP11-354P17.15</i>	0.05	Distal	3	rs72658409	NSCLC	9p21.3	rs72658409/9p21.3
<i>RP11-358L4.1</i>	1	Promoter	2	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>RP11-358L4.1</i>	1	Promoter	2	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>RP11-358L4.1</i>	1	Promoter	2	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>RP11-358L4.1</i>	0.05	Distal	3	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>RP11-358L4.1</i>	0.05	Distal	3	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>RP11-358L4.1</i>	0.05	Distal	3	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>RP11-359B12.2</i>	1	Distal	2	rs3748522	Lung SqCC	12p13.33	rs3748522/12p13.33
<i>RP11-359B12.2</i>	1	Promoter	2	rs3748522	Lung SqCC	12p13.33	rs3748522/12p13.33
<i>RP11-360F5.1</i>	1	Distal	2	rs116205103	NSCLC	4p14	rs116205103/4p14
<i>RP11-360F5.1</i>	1	Promoter	2	rs116205103	NSCLC	4p14	rs116205103/4p14
<i>RP11-360F5.3</i>	1	Distal	2	rs116205103	NSCLC	4p14	rs116205103/4p14
<i>RP11-360F5.3</i>	1	Promoter	2	rs116205103	NSCLC	4p14	rs116205103/4p14
<i>RP11-362K14.6</i>	1	Distal	2	rs2293607	Lung AD	3q26.2	rs2293607/3q26.2
<i>RP11-362K14.6</i>	1	Promoter	2	rs2293607	Lung AD	3q26.2	rs2293607/3q26.2
<i>RP11-373E16.4</i>	0.05	Distal	3	rs2293607	Lung AD	3q26.2	rs2293607/3q26.2
<i>RP11-379K17.4</i>	2	Distal	2	rs2293607	Lung AD	3q26.2	rs2293607/3q26.2
<i>RP11-379K17.9</i>	1	Distal	2	rs2293607	Lung AD	3q26.2	rs2293607/3q26.2
<i>RP11-379K17.9</i>	1	Promoter	2	rs2293607	Lung AD	3q26.2	rs2293607/3q26.2
<i>RP11-384P7.5</i>	1	Distal	2	rs35201538	Lung AD	9p13.3	rs35201538/9p13.3
<i>RP11-399D15.1</i>	1	Distal	2	rs12296850	Lung SqCC	12q23.1	rs12296850/12q23.1
<i>RP11-399D15.1</i>	1	Promoter	2	rs12296850	Lung SqCC	12q23.1	rs12296850/12q23.1
<i>RP11-399D6.2</i>	1	Distal	2	rs10429489	Lung AD	9p21.3	rs10429489/9p21.3
<i>RP11-399D6.2</i>	1	Distal	2	rs72658409	NSCLC	9p21.3	rs72658409/9p21.3
<i>RP11-401F2.3</i>	1	Promoter	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>RP11-401F2.3</i>	0.05	Distal	3	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>RP11-408J6.1</i>	0	Promoter	4	rs66759488	NSCLC	15q21.1	rs66759488/15q21.1
<i>RP11-410K21.2</i>	1	Distal	2	rs12006500	Lung AD	9q31.3	rs12006500/9q31.3
<i>RP11-416A17.6</i>	1	Promoter	2	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>RP11-416A17.6</i>	0.05	Distal	3	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>RP11-416N2.3</i>	0.05	Distal	3	rs11591710	Lung AD	10q24.3	rs11591710/10q24.3
<i>RP11-430K21.2</i>	0.05	Distal	3	rs12006500	Lung AD	9q31.3	rs12006500/9q31.3
<i>RP11-43F13.1</i>	1	Distal	2	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>RP11-43F13.1</i>	1	Distal	2	rs465498	NSCLC	5p15.33	rs465498/5p15.33

<i>RP11-43F13.3</i>	1	Distal	2	rs2853677	Lung AD	5p15.33	rs2853677/5p15.33
<i>RP11-43F13.3</i>	1	Promoter	2	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>RP11-43F13.3</i>	0.05	Distal	3	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>RP11-43F13.4</i>	1	Distal	2	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>RP11-43F13.4</i>	1	Promoter	2	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>RP11-43F13.4</i>	0.05	Distal	3	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>RP11-469M7.1</i>	1	Promoter	2	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>RP11-469M7.1</i>	0.05	Distal	3	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>RP11-472B18.1</i>	1	Promoter	2	rs116205103	NSCLC	4p14	rs116205103/4p14
<i>RP11-472B18.1</i>	0.05	Distal	3	rs116205103	NSCLC	4p14	rs116205103/4p14
<i>RP11-481H12.1</i>	0.05	Distal	3	rs12265047	NSCLC	10q25.2	rs12265047/10q25.2
<i>RP11-513G11.4</i>	0.05	Distal	3	rs2131877	NSCLC	3q29	rs2131877/3q29
<i>RP11-514O12.4</i>	2	Promoter	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>RP11-517H2.6</i>	1	Promoter	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>RP11-539G18.2</i>	0.05	Distal	3	rs116205103	NSCLC	4p14	rs116205103/4p14
<i>RP11-542K23.9</i>	0.05	Distal	3	rs4573350	Lung SqCC	9q33.2	rs4573350/9q33.2
<i>RP11-555J4.2</i>	0.05	Distal	3	rs35201538	Lung AD	9p13.3	rs35201538/9p13.3
<i>RP11-562M8.4</i>	0.05	Distal	3	rs35201538	Lung AD	9p13.3	rs35201538/9p13.3
<i>RP11-568A7.3</i>	1	Distal	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>RP11-568A7.3</i>	1	Promoter	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>RP11-57H14.4</i>	1	Distal	2	rs12265047	NSCLC	10q25.2	rs12265047/10q25.2
<i>RP11-57K17.1</i>	1	Distal	2	rs5879422	NSCLC	6q22.1	rs5879422/6q22.1
<i>RP11-598F7.5</i>	0.05	Distal	3	rs6489769	Lung SqCC	12p13.33	rs6489769/12p13.33
<i>RP11-598F7.5</i>	0.05	Distal	3	rs7953330	Lung SqCC	12p13.33	rs7953330/12p13.33
<i>RP11-598F7.6</i>	1	Promoter	2	rs7953330	Lung SqCC	12p13.33	rs7953330/12p13.33
<i>RP11-598F7.6</i>	0.05	Distal	3	rs6489769	Lung SqCC	12p13.33	rs6489769/12p13.33
<i>RP11-598F7.6</i>	0.05	Distal	3	rs7953330	Lung SqCC	12p13.33	rs7953330/12p13.33
<i>RP11-605F22.2</i>	1	Distal	2	rs66759488	NSCLC	15q21.1	rs66759488/15q21.1
<i>RP11-605F22.2</i>	1	Promoter	2	rs66759488	NSCLC	15q21.1	rs66759488/15q21.1
<i>RP11-617D20.1</i>	1	Promoter	2	rs116205103	NSCLC	4p14	rs116205103/4p14
<i>RP11-617D20.1</i>	0.05	Distal	3	rs116205103	NSCLC	4p14	rs116205103/4p14
<i>RP11-62H7.2</i>	0.05	Distal	3	rs2945908	Lung SqCC	8p23.1	rs2945908/8p23.1
<i>RP11-62H7.3</i>	0.05	Distal	3	rs2945908	Lung SqCC	8p23.1	rs2945908/8p23.1
<i>RP11-632C17__A.1</i>	0.05	Distal	3	rs5879422	NSCLC	6q22.1	rs5879422/6q22.1
<i>RP11-650L12.2</i>	2	Promoter	2	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>RP11-650L12.2</i>	2	Promoter	2	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>RP11-650L12.2</i>	1	Distal	2	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>RP11-650L12.2</i>	1	Distal	2	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>RP11-650L12.2</i>	1	Distal	2	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>RP11-650L12.2</i>	1	Distal	2	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>RP11-650L12.2</i>	1	Distal	2	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>RP11-650L12.2</i>	1	Promoter	2	rs12914385	NSCLC	15q25	rs12914385/15q25

<i>RP11-650L12.2</i>	1	Promoter	2	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>RP11-650L12.2</i>	1	Promoter	2	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>RP11-661C8.3</i>	1	Distal	2	rs13167280	Lung AD	5p15.33	rs13167280/5p15.33
<i>RP11-661C8.3</i>	0.05	Distal	3	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>RP11-665J16.1</i>	0.05	Distal	3	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>RP11-671J11.1</i>	1	Distal	2	rs1200399	Lung AD	14q13.1	rs1200399/14q13.1
<i>RP11-671J11.1</i>	1	Promoter	2	rs1200399	Lung AD	14q13.1	rs1200399/14q13.1
<i>RP11-671J11.4</i>	1	Distal	2	rs1200399	Lung AD	14q13.1	rs1200399/14q13.1
<i>RP11-671J11.4</i>	1	Promoter	2	rs1200399	Lung AD	14q13.1	rs1200399/14q13.1
<i>RP1-167A14.2</i>	2	Promoter	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>RP11-70L8.4</i>	1	Distal	2	rs10429489	Lung AD	9p21.3	rs10429489/9p21.3
<i>RP11-70L8.4</i>	1	Distal	2	rs1333040	Lung SqCC	9p21.3	rs1333040/9p21.3
<i>RP11-70L8.4</i>	1	Distal	2	rs72658409	NSCLC	9p21.3	rs72658409/9p21.3
<i>RP11-728F11.3</i>	1	Promoter	2	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>RP11-728F11.3</i>	0.05	Distal	3	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>RP11-728F11.4</i>	1	Promoter	2	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>RP11-728F11.4</i>	0.05	Distal	3	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>RP11-73E17.2</i>	3	Promoter	1	rs1200399	Lung AD	14q13.1	rs1200399/14q13.1
<i>RP11-73E17.2</i>	1	Distal	2	rs1200399	Lung AD	14q13.1	rs1200399/14q13.1
<i>RP11-762H8.1</i>	1	Promoter	2	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>RP11-762H8.1</i>	1	Promoter	2	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>RP11-762H8.1</i>	1	Promoter	2	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>RP11-762H8.1</i>	1	Promoter	2	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>RP11-762H8.1</i>	1	Promoter	2	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>RP11-762H8.1</i>	0.05	Distal	3	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>RP11-762H8.1</i>	0.05	Distal	3	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>RP11-762H8.1</i>	0.05	Distal	3	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>RP11-762H8.1</i>	0.05	Distal	3	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>RP11-762H8.1</i>	0.05	Distal	3	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>RP11-762H8.2</i>	1	Promoter	2	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>RP11-762H8.2</i>	1	Promoter	2	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>RP11-762H8.2</i>	1	Promoter	2	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>RP11-762H8.2</i>	1	Promoter	2	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>RP11-762H8.2</i>	0.05	Distal	3	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>RP11-762H8.2</i>	0.05	Distal	3	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>RP11-762H8.2</i>	0.05	Distal	3	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>RP11-762H8.2</i>	0.05	Distal	3	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>RP11-762H8.2</i>	0.05	Distal	3	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>RP11-770J1.3</i>	1	Distal	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>RP11-770J1.3</i>	1	Promoter	2	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>RP11-770J1.3</i>	1	Promoter	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>RP11-770J1.3</i>	0.05	Distal	3	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3

<i>RP11-770J1.4</i>	1	Distal	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>RP11-770J1.4</i>	1	Promoter	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>RP11-816J6.3</i>	2	Promoter	2	rs2293607	Lung AD	3q26.2	rs2293607/3q26.2
<i>RP11-817O13.6</i>	0.05	Distal	3	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>RP11-817O13.8</i>	0.05	Distal	3	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>RP11-832A4.5</i>	1	Distal	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>RP11-832A4.5</i>	1	Promoter	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>RP11-845M18.6</i>	0.05	Distal	3	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>RP11-855A2.3</i>	1	Distal	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>RP11-855A2.3</i>	0	Promoter	4	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>RP11-855A2.3</i>	0	Promoter	4	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>RP11-855A2.5</i>	1	Distal	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>RP11-855A2.5</i>	1	Promoter	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>RP11-85K15.2</i>	3	Distal	2	rs1200399	Lung AD	14q13.1	rs1200399/14q13.1
<i>RP11-8P11.3</i>	0.05	Distal	3	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>RP11-923I11.5</i>	1	Promoter	2	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>RP11-923I11.5</i>	0.05	Distal	3	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>RP11-923I11.6</i>	1	Promoter	2	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>RP11-923I11.6</i>	0.05	Distal	3	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>RP11-923I11.7</i>	0.05	Distal	3	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>RP13-152O15.5</i>	1	Promoter	2	rs41309931	Lung AD	20q13.33	rs41309931/20q13.33
<i>RP13-152O15.5</i>	0.15	Distal	3	rs41309931	Lung AD	20q13.33	rs41309931/20q13.33
<i>RP1-76B20.11</i>	1	Distal	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>RP1-93H18.7</i>	1	Distal	2	rs5879422	NSCLC	6q22.1	rs5879422/6q22.1
<i>RP3-412A9.16</i>	1	Promoter	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>RP3-412A9.16</i>	0.05	Distal	3	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>RP3-412A9.16</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>RP3-438O4.4</i>	2	Distal	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>RP3-438O4.4</i>	1	Promoter	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>RP3-438O4.4</i>	0	Promoter	4	rs10937405	NSCLC	3q28	rs10937405/3q28
<i>RP3-438O4.4</i>	0	Promoter	4	rs13080835	NSCLC	3q28	rs13080835/3q28
<i>RP3-470B24.5</i>	1	Promoter	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>RP3-470B24.5</i>	0.05	Distal	3	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>RP3-497J21.1</i>	1	Distal	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>RP3-497J21.1</i>	1	Promoter	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>RP4-539M6.20</i>	1	Promoter	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>RP4-539M6.20</i>	0.05	Distal	3	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>RP4-539M6.20</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>RP4-539M6.21</i>	1	Promoter	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>RP4-539M6.21</i>	0.05	Distal	3	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>RP4-539M6.21</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>RP4-583P15.14</i>	2	Distal	2	rs41309931	Lung AD	20q13.33	rs41309931/20q13.33

<i>RP4-583P15.14</i>	1	Promoter	2	rs41309931	Lung AD	20q13.33	rs41309931/20q13.33
<i>RP4-706A16.3</i>	1	Promoter	2	rs71658797	NSCLC	1p31.1	rs71658797/1p31.1
<i>RP4-706A16.3</i>	0.05	Distal	3	rs71658797	NSCLC	1p31.1	rs71658797/1p31.1
<i>RP5-1096D14.3</i>	1	Promoter	2	rs7953330	Lung SqCC	12p13.33	rs7953330/12p13.33
<i>RP5-1096D14.3</i>	0.05	Distal	3	rs6489769	Lung SqCC	12p13.33	rs6489769/12p13.33
<i>RP5-1096D14.3</i>	0.05	Distal	3	rs7953330	Lung SqCC	12p13.33	rs7953330/12p13.33
<i>RP5-1102E8.3</i>	1	Distal	2	rs71658797	NSCLC	1p31.1	rs71658797/1p31.1
<i>RP5-1154L15.1</i>	1	Promoter	2	rs3748522	Lung SqCC	12p13.33	rs3748522/12p13.33
<i>RP5-1154L15.1</i>	0.05	Distal	3	rs3748522	Lung SqCC	12p13.33	rs3748522/12p13.33
<i>RPL12P4</i>	1	Promoter	2	rs4809957	NSCLC	20q13.2	rs4809957/20q13.2
<i>RPL12P4</i>	0.05	Distal	3	rs4809957	NSCLC	20q13.2	rs4809957/20q13.2
<i>RPL13AP</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>RPL23AP1</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>RPL23AP1</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>RPL23AP1</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>RPL23AP1</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>RPL23AP1</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>RPL23AP1</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>RPL32P1</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>RPL32P1</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>RPL3P2</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>RPL3P2</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>RPL3P2</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>RPL3P2</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>RPL5P30</i>	1	Promoter	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>RPL5P30</i>	0.05	Distal	3	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>RPL7AP7</i>	0	Promoter	4	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>RPL7AP7</i>	0	Promoter	4	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>RPL7P4</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>RPL7P4</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>RPL9</i>	1	Promoter	2	rs116205103	NSCLC	4p14	rs116205103/4p14
<i>RPL9</i>	0.05	Distal	3	rs116205103	NSCLC	4p14	rs116205103/4p14
<i>RPP21</i>	2	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>RPP21</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>RPP21</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>RPP21</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>RPP21</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>RPP21</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>RPP25</i>	0.05	Distal	3	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>RPS18</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>RPS19</i>	0.05	Distal	3	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>RPS25</i>	1	Promoter	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3

<i>RPS25</i>	0.05	Distal	3	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>RPS6KA2</i>	1	Distal	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>RPS6KA2</i>	1	Promoter	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>RPS6KA2-IT1</i>	1	Distal	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>RPS6KA2-IT1</i>	1	Promoter	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>RSPH4A</i>	1	Distal	2	rs5879422	NSCLC	6q22.1	rs5879422/6q22.1
<i>RTEL1</i>	1	Distal	2	rs41309931	Lung AD	20q13.33	rs41309931/20q13.33
<i>RTEL1</i>	1	Promoter	2	rs41309931	Lung AD	20q13.33	rs41309931/20q13.33
<i>RWDD1</i>	1	Distal	2	rs5879422	NSCLC	6q22.1	rs5879422/6q22.1
<i>RXR8</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>RXR8</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>SACS</i>	1	Distal	2	rs753955	NSCLC	13q12.12	rs753955/13q12.12
<i>SACS-AS1</i>	1	Distal	2	rs753955	NSCLC	13q12.12	rs753955/13q12.12
<i>SAPCD1</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>SAPCD1</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>SAPCD1</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>SAPCD1-AS1</i>	2	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>SAPCD1-AS1</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>SAPCD1-AS1</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>SAPCD1-AS1</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>SAPCD1-AS1</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>SAPCD1-AS1</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>SAPCD1-AS1</i>	0	Promoter	4	rs11780471	NSCLC	8p21.1	rs11780471/8p21.1
<i>SAPCD1-AS1</i>	0	Promoter	4	rs1853837	NSCLC	6p21.1	rs1853837/6p21.1
<i>SAPCD1-AS1</i>	0	Promoter	4	rs2285947	NSCLC	7p15.3	rs2285947/7p15.3
<i>SAPCD1-AS1</i>	0	Promoter	4	rs72658409	NSCLC	9p21.3	rs72658409/9p21.3
<i>SCAMP2</i>	0.05	Distal	3	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>SCAMP5</i>	0.05	Distal	3	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>SCARA3</i>	1	Distal	2	rs11780471	NSCLC	8p21.1	rs11780471/8p21.1
<i>SCARA5</i>	0.05	Distal	3	rs11780471	NSCLC	8p21.1	rs11780471/8p21.1
<i>SCN2B</i>	1	Distal	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>SCN2B</i>	1	Promoter	2	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>SCN2B</i>	1	Promoter	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>SCN2B</i>	0.05	Distal	3	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>SCN4B</i>	0.1	Distal	3	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>SCN8A</i>	1	Promoter	2	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>SCN8A</i>	0.05	Distal	3	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>SDHAP1</i>	1	Distal	2	rs2131877	NSCLC	3q29	rs2131877/3q29
<i>SDHAP1</i>	1	Promoter	2	rs2131877	NSCLC	3q29	rs2131877/3q29
<i>SDHAP3</i>	1	Distal	2	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>SDHAP3</i>	1	Distal	2	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>SDHAP3</i>	1	Promoter	2	rs465498	NSCLC	5p15.33	rs465498/5p15.33

<i>SEC14L2</i>	1	Promoter	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>SEC14L2</i>	1	Promoter	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>SEC14L2</i>	0.05	Distal	3	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>SEC14L2</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>SEC14L4</i>	1	Promoter	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>SEC14L4</i>	1	Promoter	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>SEC14L4</i>	0.05	Distal	3	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>SEC14L4</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>SEC14L6</i>	1	Promoter	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>SEC14L6</i>	1	Promoter	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>SEC14L6</i>	0.05	Distal	3	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>SEC14L6</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>SEC62</i>	2	Distal	2	rs2293607	Lung AD	3q26.2	rs2293607/3q26.2
<i>SECISBP2L</i>	2	Distal	2	rs77468143	Lung AD	15q21.1	rs77468143/15q21.1
<i>SECISBP2L</i>	1	Promoter	2	rs77468143	Lung AD	15q21.1	rs77468143/15q21.1
<i>SECISBP2L</i>	1	Coding	2	rs77468143	Lung AD	15q21.1	rs77468143/15q21.1
<i>SELM</i>	1	Promoter	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>SELM</i>	0.05	Distal	3	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>SELM</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>SEMA6D</i>	1	Distal	2	rs66759488	NSCLC	15q21.1	rs66759488/15q21.1
<i>SEMA6D</i>	1	Promoter	2	rs66759488	NSCLC	15q21.1	rs66759488/15q21.1
<i>SEMA7A</i>	0.05	Distal	3	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>SERTAD1</i>	0.05	Distal	3	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>SERTAD3</i>	0.05	Distal	3	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>SF3A1</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>SFT2D1</i>	1	Distal	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>SFT2D1</i>	1	Promoter	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>SFTA2</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>SFTA2</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>SFTA2</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>SFTA2</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>SFTA2</i>	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>SGCG</i>	1	Distal	2	rs753955	NSCLC	13q12.12	rs753955/13q12.12
<i>SH2D7</i>	1	Promoter	2	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>SH2D7</i>	0.05	Distal	3	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>SH2D7</i>	0.05	Distal	3	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>SH2D7</i>	0.05	Distal	3	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>SH3GLIP3</i>	1	Distal	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>SH3GLIP3</i>	1	Promoter	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>SIN3A</i>	0.1	Distal	3	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>SIRPAP1</i>	1	Promoter	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>SIRPAP1</i>	1	Promoter	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2

<i>SIRPAP1</i>	0.05	Distal	3	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>SIRPAP1</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>SKIV2L</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>SKIV2L</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>SKIV2L</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>SKIV2L</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>SKIV2L</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>SKIV2L</i>	1	Distal	2	rs9469031	NSCLC	6p21.33	rs9469031/6p21.33
<i>SKIV2L</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>SKIV2L</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>SKIV2L</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>SKIV2L</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>SLC11A2</i>	0.05	Distal	3	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>SLC12A1</i>	1	Distal	2	rs66759488	NSCLC	15q21.1	rs66759488/15q21.1
<i>SLC12A1</i>	1	Promoter	2	rs66759488	NSCLC	15q21.1	rs66759488/15q21.1
<i>SLC12A7</i>	1	Promoter	2	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>SLC12A7</i>	1	Promoter	2	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>SLC12A7</i>	0.05	Distal	3	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>SLC12A7</i>	0.05	Distal	3	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>SLC16A6</i>	1	Distal	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>SLC16A6</i>	1	Promoter	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>SLC24A5</i>	1	Distal	2	rs66759488	NSCLC	15q21.1	rs66759488/15q21.1
<i>SLC24A5</i>	1	Promoter	2	rs66759488	NSCLC	15q21.1	rs66759488/15q21.1
<i>SLC24A5</i>	1	Promoter	2	rs77468143	Lung AD	15q21.1	rs77468143/15q21.1
<i>SLC24A5</i>	0.05	Distal	3	rs77468143	Lung AD	15q21.1	rs77468143/15q21.1
<i>SLC2A4RG</i>	4	Distal	1	rs41309931	Lung AD	20q13.33	rs41309931/20q13.33
<i>SLC35E4</i>	1	Promoter	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>SLC35E4</i>	0.05	Distal	3	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>SLC35E4</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>SLC35F1</i>	0.05	Distal	3	rs5879422	NSCLC	6q22.1	rs5879422/6q22.1
<i>SLC39A7</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>SLC39A7</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>SLC39A7</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>SLC44A4</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>SLC44A4</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>SLC44A4</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>SLC44A4</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>SLC44A4</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>SLC44A4</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>SLC44A4</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>SLC44A4</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>SLC44A4</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22

<i>SLC4A8</i>	1	Promoter	2	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>SLC4A8</i>	0.05	Distal	3	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>SLC6A13</i>	1	Promoter	2	rs7953330	Lung SqCC	12p13.33	rs7953330/12p13.33
<i>SLC6A13</i>	0.05	Distal	3	rs6489769	Lung SqCC	12p13.33	rs6489769/12p13.33
<i>SLC6A13</i>	0.05	Distal	3	rs7953330	Lung SqCC	12p13.33	rs7953330/12p13.33
<i>SLC6A19</i>	1	Distal	2	rs13167280	Lung AD	5p15.33	rs13167280/5p15.33
<i>SLC6A19</i>	1	Distal	2	rs2853677	Lung AD	5p15.33	rs2853677/5p15.33
<i>SLC6A19</i>	1	Distal	2	rs7705526	Lung AD	5p15.33	rs7705526/5p15.33
<i>SLC9A3</i>	1	Promoter	2	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>SLC9A3</i>	1	Promoter	2	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>SLC9A3</i>	0.05	Distal	3	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>SLC9A3</i>	0.05	Distal	3	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>SLK</i>	2	Distal	2	rs11591710	Lung AD	10q24.3	rs11591710/10q24.3
<i>SMAGP</i>	0.05	Distal	3	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>SMTN</i>	1	Promoter	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>SMTN</i>	0.05	Distal	3	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>SMTN</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>SMU1</i>	1	Distal	2	rs35201538	Lung AD	9p13.3	rs35201538/9p13.3
<i>SNORA38</i>	0.1	Distal	3	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>SNORA38</i>	0.1	Distal	3	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>SNORD117</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>SNORD117</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>SNORD117</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>SNORD117</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>SNORD48</i>	2	Promoter	2	rs9469031	NSCLC	6p21.33	rs9469031/6p21.33
<i>SNORD48</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>SNORD48</i>	0	Promoter	4	rs11780471	NSCLC	8p21.1	rs11780471/8p21.1
<i>SNORD48</i>	0	Promoter	4	rs1853837	NSCLC	6p21.1	rs1853837/6p21.1
<i>SNORD48</i>	0	Promoter	4	rs2285947	NSCLC	7p15.3	rs2285947/7p15.3
<i>SNORD48</i>	0	Promoter	4	rs72658409	NSCLC	9p21.3	rs72658409/9p21.3
<i>SNORD52</i>	2	Promoter	2	rs9469031	NSCLC	6p21.33	rs9469031/6p21.33
<i>SNRPA</i>	1	Distal	2	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>SNX33</i>	0.05	Distal	3	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>SOX18</i>	1	Promoter	2	rs41309931	Lung AD	20q13.33	rs41309931/20q13.33
<i>SOX18</i>	0.15	Distal	3	rs41309931	Lung AD	20q13.33	rs41309931/20q13.33
<i>SP4</i>	1	Distal	2	rs2285947	NSCLC	7p15.3	rs2285947/7p15.3
<i>SP8</i>	1	Distal	2	rs2285947	NSCLC	7p15.3	rs2285947/7p15.3
<i>SPAG11B</i>	1	Distal	2	rs2945908	Lung SqCC	8p23.1	rs2945908/8p23.1
<i>SPATA13</i>	1	Distal	2	rs753955	NSCLC	13q12.12	rs753955/13q12.12
<i>SPATS2L</i>	1	Promoter	2	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>SPATS2L</i>	0.05	Distal	3	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>SPINK1</i>	0.05	Distal	3	rs2895680	NSCLC	5q32	rs2895680/5q32

<i>SRP54</i>	4	Distal	1	rs1200399	Lung AD	14q13.1	rs1200399/14q13.1
<i>SRP54</i>	1	Promoter	2	rs1200399	Lung AD	14q13.1	rs1200399/14q13.1
<i>ST13P13</i>	1	Promoter	2	rs11591710	Lung AD	10q24.3	rs11591710/10q24.3
<i>ST13P13</i>	0.05	Distal	3	rs11591710	Lung AD	10q24.3	rs11591710/10q24.3
<i>STK19</i>	2	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>STK19</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>STK19</i>	1	Distal	2	rs9469031	NSCLC	6p21.33	rs9469031/6p21.33
<i>STK19P</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>STK19P</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>STK19P</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>STK19P</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>STK19P</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>STK19P</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>STK19P</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>STK19P</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>STK32A</i>	1	Distal	2	rs2895680	NSCLC	5q32	rs2895680/5q32
<i>STK32A</i>	1	Promoter	2	rs2895680	NSCLC	5q32	rs2895680/5q32
<i>STMN3</i>	1	Distal	2	rs41309931	Lung AD	20q13.33	rs41309931/20q13.33
<i>STMN3</i>	1	Promoter	2	rs41309931	Lung AD	20q13.33	rs41309931/20q13.33
<i>STOML1</i>	0.05	Distal	3	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>STRA6</i>	0.05	Distal	3	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>STRADB</i>	1	Distal	2	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>STRADB</i>	1	Promoter	2	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>SUMO2P1</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>SUMO2P1</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>SUMO2P1</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>SUMO2P1</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>SUMO2P1</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>SUMO2P1</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>SVEP1</i>	2	Distal	2	rs12006500	Lung AD	9q31.3	rs12006500/9q31.3
<i>SYNGAP1</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>SYNGAP1</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>TAGLN</i>	0.05	Distal	3	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>TAP1</i>	2	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>TAP1</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>TAP1</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>TAP1</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>TAP1</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>TAP2</i>	2	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>TAP2</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>TAP2</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>TAP2</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32

<i>TAP2</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>TAPBP</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>TAPBP</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>TAPBP</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>TAPSARI</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>TAPSARI</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>TAPSARI</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>TBC1D10A</i>	1	Promoter	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>TBC1D10A</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>TBC1D2B</i>	1	Promoter	2	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>TBC1D2B</i>	1	Promoter	2	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>TBC1D2B</i>	1	Promoter	2	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>TBC1D2B</i>	1	Promoter	2	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>TBC1D2B</i>	0.05	Distal	3	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>TBC1D2B</i>	0.05	Distal	3	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>TBC1D2B</i>	0.05	Distal	3	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>TBC1D2B</i>	0.05	Distal	3	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>TBC1D2B</i>	0.05	Distal	3	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>TCEA2</i>	0.1	Distal	3	rs41309931	Lung AD	20q13.33	rs41309931/20q13.33
<i>TCERG1</i>	0.05	Distal	3	rs2895680	NSCLC	5q32	rs2895680/5q32
<i>TCF19</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>TCF19</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>TCF19</i>	1	Coding	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>TCF7L2</i>	0.1	Distal	3	rs12265047	NSCLC	10q25.2	rs12265047/10q25.2
<i>TCN2</i>	1	Promoter	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>TCN2</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>TECTB</i>	0.05	Distal	3	rs12265047	NSCLC	10q25.2	rs12265047/10q25.2
<i>TERC</i>	2	Distal	2	rs2293607	Lung AD	3q26.2	rs2293607/3q26.2
<i>TERC</i>	2	Promoter	2	rs2293607	Lung AD	3q26.2	rs2293607/3q26.2
<i>TERT</i>	2	Distal	2	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>TERT</i>	1	Distal	2	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>TERT</i>	1	Promoter	2	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>TERT</i>	1	Promoter	2	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>TFCP2</i>	0.05	Distal	3	rs11610143	NSCLC	12q13.13	rs11610143/12q13.13
<i>TFRC</i>	2	Distal	2	rs2131877	NSCLC	3q29	rs2131877/3q29
<i>TGFB1</i>	0.05	Distal	3	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>THOC5</i>	1	Distal	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>THOC5</i>	1	Promoter	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>THOC5</i>	0.05	Distal	3	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>THSD7B</i>	0.05	Distal	3	rs3217451	NSCLC	2q21.3	rs3217451/2q21.3
<i>TLR1</i>	1	Distal	2	rs116205103	NSCLC	4p14	rs116205103/4p14
<i>TLR1</i>	1	Promoter	2	rs116205103	NSCLC	4p14	rs116205103/4p14

<i>TLR10</i>	1	Distal	2	rs116205103	NSCLC	4p14	rs116205103/4p14
<i>TLR10</i>	1	Promoter	2	rs116205103	NSCLC	4p14	rs116205103/4p14
<i>TLR6</i>	1	Distal	2	rs116205103	NSCLC	4p14	rs116205103/4p14
<i>TLR6</i>	1	Promoter	2	rs116205103	NSCLC	4p14	rs116205103/4p14
<i>TMED3</i>	1	Promoter	2	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>TMED3</i>	0.05	Distal	3	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>TMED3</i>	0.05	Distal	3	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>TMEM156</i>	1	Distal	2	rs116205103	NSCLC	4p14	rs116205103/4p14
<i>TMEM163</i>	1	Distal	2	rs3217451	NSCLC	2q21.3	rs3217451/2q21.3
<i>TMEM163</i>	1	Promoter	2	rs3217451	NSCLC	2q21.3	rs3217451/2q21.3
<i>TMEM183AP1</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>TMEM183AP1</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>TMEM183AP1</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>TMEM183AP1</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>TMEM237</i>	3	Distal	2	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>TMEM237</i>	1	Promoter	2	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>TMEM44</i>	1	Promoter	2	rs2131877	NSCLC	3q29	rs2131877/3q29
<i>TMEM44</i>	0.05	Distal	3	rs2131877	NSCLC	3q29	rs2131877/3q29
<i>TMEM44-AS1</i>	1	Promoter	2	rs2131877	NSCLC	3q29	rs2131877/3q29
<i>TMEM44-AS1</i>	0.05	Distal	3	rs2131877	NSCLC	3q29	rs2131877/3q29
<i>TMEM91</i>	0.05	Distal	3	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>TMPRSS13</i>	1	Distal	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>TMPRSS13</i>	1	Promoter	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>TMPRSS4</i>	1	Distal	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>TMPRSS4</i>	1	Promoter	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>TNF</i>	2	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>TNF</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>TNF</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>TNF</i>	1	Distal	2	rs9469031	NSCLC	6p21.33	rs9469031/6p21.33
<i>TNF</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>TNF</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>TNFRSF19</i>	1	Distal	2	rs753955	NSCLC	13q12.12	rs753955/13q12.12
<i>TNFRSF6B</i>	1	Distal	2	rs41309931	Lung AD	20q13.33	rs41309931/20q13.33
<i>TNFRSF6B</i>	1	Promoter	2	rs41309931	Lung AD	20q13.33	rs41309931/20q13.33
<i>TNK2</i>	1	Distal	2	rs2131877	NSCLC	3q29	rs2131877/3q29
<i>TNK2-AS1</i>	1	Distal	2	rs2131877	NSCLC	3q29	rs2131877/3q29
<i>TNK2-AS1</i>	1	Promoter	2	rs2131877	NSCLC	3q29	rs2131877/3q29
<i>TNXA</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>TNXA</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>TNXA</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>TNXA</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>TNXA</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22

<i>TNXA</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>TNXA</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>TNXA</i>	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>TNXA</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>TNXB</i>	3	Promoter	1	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>TNXB</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>TNXB</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>TNXB</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>TNXB</i>	1	Coding	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>TNXB</i>	0	Promoter	4	rs11780471	NSCLC	8p21.1	rs11780471/8p21.1
<i>TNXB</i>	0	Promoter	4	rs1853837	NSCLC	6p21.1	rs1853837/6p21.1
<i>TNXB</i>	0	Promoter	4	rs2285947	NSCLC	7p15.3	rs2285947/7p15.3
<i>TNXB</i>	0	Promoter	4	rs72658409	NSCLC	9p21.3	rs72658409/9p21.3
<i>TNXB</i>	0	Coding	4	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>TNXB</i>	0	Coding	4	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>TOPORS-AS1</i>	0.05	Distal	3	rs35201538	Lung AD	9p13.3	rs35201538/9p13.3
<i>TP63</i>	1	Distal	2	rs10937405	NSCLC	3q28	rs10937405/3q28
<i>TPPP</i>	1	Distal	2	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>TPPP</i>	1	Promoter	2	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>TPPP</i>	0.05	Distal	3	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>TPRG1</i>	1	Distal	2	rs13080835	NSCLC	3q28	rs13080835/3q28
<i>TRAK2</i>	1	Distal	2	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>TRAK2</i>	1	Promoter	2	rs3769821	NSCLC	2q33.1	rs3769821/2q33.1
<i>TRAPPC3L</i>	1	Distal	2	rs5879422	NSCLC	6q22.1	rs5879422/6q22.1
<i>TRAPPC4</i>	1	Promoter	2	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>TRAPPC4</i>	0.05	Distal	3	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>TREH</i>	1	Distal	2	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>TREH</i>	1	Promoter	2	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>TREH</i>	1	Promoter	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>TREH</i>	0.05	Distal	3	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>TRERF1</i>	0.05	Distal	3	rs1853837	NSCLC	6p21.1	rs1853837/6p21.1
<i>TRIM26</i>	2	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>TRIM26</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>TRIM26</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>TRIM26</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>TRIM26</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>TRIM26</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>TRIM27</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>TRIM27</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>TRIM27</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>TRIM27</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>TRIM31</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1

<i>TRIM31</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>TRIM31</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>TRIM31</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>TRIM31</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>TRIM31</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>TRIM35</i>	0.05	Distal	3	rs11780471	NSCLC	8p21.1	rs11780471/8p21.1
<i>TRIM39</i>	2	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>TRIM39</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>TRIM39</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>TRIM39</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>TRIM39-RPP21</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>TRIP13</i>	1	Promoter	2	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>TRIP13</i>	1	Promoter	2	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>TRIP13</i>	0.05	Distal	3	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>TRIP13</i>	0.05	Distal	3	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>TSPO2</i>	0.05	Distal	3	rs1853837	NSCLC	6p21.1	rs1853837/6p21.1
<i>TTC36</i>	1	Promoter	2	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>TTC36</i>	1	Promoter	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>TTC36</i>	0.05	Distal	3	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>TTC36</i>	0.05	Distal	3	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>TTC9B</i>	0.05	Distal	3	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>TTL2</i>	1	Distal	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>TTL2</i>	1	Promoter	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>TUBB</i>	3	Promoter	1	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>TUBB</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>TUBB</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>TUBB</i>	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>TUG1</i>	1	Promoter	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>TUG1</i>	0.05	Distal	3	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>TUG1</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>UBA52P6</i>	1	Distal	2	rs10429489	Lung AD	9p21.3	rs10429489/9p21.3
<i>UBAP2</i>	0.05	Distal	3	rs35201538	Lung AD	9p13.3	rs35201538/9p13.3
<i>UBE2K</i>	1	Promoter	2	rs116205103	NSCLC	4p14	rs116205103/4p14
<i>UBE2K</i>	0.05	Distal	3	rs116205103	NSCLC	4p14	rs116205103/4p14
<i>UBE4A</i>	1	Distal	2	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>UBL7</i>	0.05	Distal	3	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>UBL7-AS1</i>	0.05	Distal	3	rs76354137	NSCLC	15q24.1	rs76354137/15q24.1
<i>UBXN4</i>	2	Distal	2	rs3217451	NSCLC	2q21.3	rs3217451/2q21.3
<i>UBXN4</i>	0	Promoter	4	rs3217451	NSCLC	2q21.3	rs3217451/2q21.3
<i>UBXN4</i>	0	Promoter	4	rs35661893	NSCLC	4q27	rs35661893/4q27
<i>UBXN4</i>	0	Promoter	4	rs719739	NSCLC	13q34	rs719739/13q34
<i>UGDH-AS1</i>	1	Promoter	2	rs116205103	NSCLC	4p14	rs116205103/4p14

<i>UGDH-ASI</i>	0.05	Distal	3	rs116205103	NSCLC	4p14	rs116205103/4p14
<i>UPK2</i>	1	Promoter	2	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>UPK2</i>	0.15	Distal	3	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>UQCR10</i>	1	Promoter	2	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>UQCR10</i>	1	Promoter	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>UQCR10</i>	0.05	Distal	3	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>UQCR10</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>UQCRHP1</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>UQCRHP1</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>USP2</i>	1	Promoter	2	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>USP2</i>	0.05	Distal	3	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>USP2-ASI</i>	0.05	Distal	3	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>USP33</i>	1	Distal	2	rs71658797	NSCLC	1p31.1	rs71658797/1p31.1
<i>USP33</i>	1	Promoter	2	rs71658797	NSCLC	1p31.1	rs71658797/1p31.1
<i>USP49</i>	0.05	Distal	3	rs1853837	NSCLC	6p21.1	rs1853837/6p21.1
<i>USP8P1</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>USP8P1</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>VARS</i>	2	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>VARS</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>VARS</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>VARS</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>VARS</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>VARS</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>VARS</i>	0	Promoter	4	rs11780471	NSCLC	8p21.1	rs11780471/8p21.1
<i>VARS</i>	0	Promoter	4	rs1853837	NSCLC	6p21.1	rs1853837/6p21.1
<i>VARS</i>	0	Promoter	4	rs2285947	NSCLC	7p15.3	rs2285947/7p15.3
<i>VARS</i>	0	Promoter	4	rs72658409	NSCLC	9p21.3	rs72658409/9p21.3
<i>VARS</i>	0	Coding	4	rs9469031	NSCLC	6p21.33	rs9469031/6p21.33
<i>VARS2</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>VARS2</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>VARS2</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>VARS2</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>VARS2</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>VARS2</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>VARS2</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>VARS2</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>VARS2</i>	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>VARS2</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>VPS11</i>	0.05	Distal	3	rs4938515	Lung AD	11q23.3	rs4938515/11q23.3
<i>VPS52</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>VPS52</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>VPS52</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32

<i>VTI1A</i>	1	Distal	2	rs12265047	NSCLC	10q25.2	rs12265047/10q25.2
<i>VWA7</i>	2	Promoter	2	rs9469031	NSCLC	6p21.33	rs9469031/6p21.33
<i>VWA7</i>	2	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>VWA7</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>VWA7</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>VWA7</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>VWA7</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>VWA7</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>VWA7</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>VWA7</i>	1	Coding	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>VWA7</i>	0	Promoter	4	rs11780471	NSCLC	8p21.1	rs11780471/8p21.1
<i>VWA7</i>	0	Promoter	4	rs1853837	NSCLC	6p21.1	rs1853837/6p21.1
<i>VWA7</i>	0	Promoter	4	rs2285947	NSCLC	7p15.3	rs2285947/7p15.3
<i>VWA7</i>	0	Promoter	4	rs72658409	NSCLC	9p21.3	rs72658409/9p21.3
<i>VWA7</i>	0	Coding	4	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>WASF5P</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>WASF5P</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>WASF5P</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>WASF5P</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>WASF5P</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>WASF5P</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>WDR46</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>WDR61</i>	1	Promoter	2	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>WDR61</i>	1	Promoter	2	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>WDR61</i>	1	Promoter	2	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>WDR61</i>	1	Promoter	2	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>WDR61</i>	0.05	Distal	3	rs12914385	NSCLC	15q25	rs12914385/15q25
<i>WDR61</i>	0.05	Distal	3	rs55781567	NSCLC	15q25.1	rs55781567/15q25.1
<i>WDR61</i>	0.05	Distal	3	rs6495306	NSCLC	15q25	rs6495306/15q25
<i>WDR61</i>	0.05	Distal	3	rs8042374	NSCLC	15q25.1	rs8042374/15q25.1
<i>WDR61</i>	0.05	Distal	3	rs938682	NSCLC	15q25.1	rs938682/15q25.1
<i>WIP11</i>	1	Distal	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>WIP11</i>	1	Promoter	2	rs200595745	NSCLC	17q24.2	rs200595745/17q24.2
<i>XBPI</i>	1	Promoter	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>XBPI</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>XXbac-BPG154L12.4</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>XXbac-BPG154L12.4</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>XXbac-BPG154L12.4</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>XXbac-BPG154L12.4</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>XXbac-BPG154L12.4</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>XXbac-BPG154L12.4</i>	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>XXbac-BPG154L12.4</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22

<i>XXbac-BPG157A10.21</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>XXbac-BPG157A10.21</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>XXbac-BPG181B23.6</i>	2	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>XXbac-BPG181B23.6</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>XXbac-BPG181B23.6</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>XXbac-BPG181B23.6</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>XXbac-BPG181B23.6</i>	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>XXbac-BPG181B23.7</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>XXbac-BPG181B23.7</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>XXbac-BPG181B23.7</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>XXbac-BPG181B23.7</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>XXbac-BPG181M17.5</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>XXbac-BPG181M17.5</i>	1	Distal	2	rs3817963	Lung AD	6p21.3	rs3817963/6p21.3
<i>XXbac-BPG181M17.6</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>XXbac-BPG248L24.12</i>	2	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>XXbac-BPG248L24.12</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>XXbac-BPG248L24.12</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>XXbac-BPG248L24.12</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>XXbac-BPG248L24.12</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>XXbac-BPG248L24.12</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>XXbac-BPG248L24.12</i>	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>XXbac-BPG248L24.12</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>XXbac-BPG249D20.9</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>XXbac-BPG249D20.9</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>XXbac-BPG252P9.10</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>XXbac-BPG252P9.10</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>XXbac-BPG252P9.10</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>XXbac-BPG252P9.10</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>XXbac-BPG252P9.10</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>XXbac-BPG252P9.10</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>XXbac-BPG252P9.10</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>XXbac-BPG252P9.10</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>XXbac-BPG252P9.9</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>XXbac-BPG252P9.9</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>XXbac-BPG252P9.9</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>XXbac-BPG252P9.9</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>XXbac-BPG252P9.9</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>XXbac-BPG252P9.9</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>XXbac-BPG252P9.9</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>XXbac-BPG254F23.6</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>XXbac-BPG254F23.6</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>XXbac-BPG299F13.14</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33

<i>XXbac-BPG299F13.14</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>XXbac-BPG299F13.14</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>XXbac-BPG299F13.14</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>XXbac-BPG299F13.17</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>XXbac-BPG299F13.17</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>XXbac-BPG299F13.17</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>XXbac-BPG299F13.17</i>	1	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>XXbac-BPG300A18.13</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>XXbac-BPG300A18.13</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>XXbac-BPG300A18.13</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>XXbac-BPG300A18.13</i>	1	Promoter	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>XXbac-BPG300A18.13</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>XXbac-BPG300A18.13</i>	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>XXbac-BPG308J9.3</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>XXbac-BPG308J9.3</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>XXbac-BPG308K3.5</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>XXbac-BPG308K3.5</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>XXbac-BPG32J3.20</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>XXYLT1</i>	2	Coding	2	rs2131877	NSCLC	3q29	rs2131877/3q29
<i>XXYLT1</i>	1	Distal	2	rs2131877	NSCLC	3q29	rs2131877/3q29
<i>XXYLT1-AS2</i>	2	Promoter	2	rs2131877	NSCLC	3q29	rs2131877/3q29
<i>XXYLT1-AS2</i>	1	Distal	2	rs2131877	NSCLC	3q29	rs2131877/3q29
<i>Y_RNA</i>	0.1	Distal	3	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>Y_RNA</i>	0.1	Distal	3	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>Y_RNA</i>	0.1	Promoter	3	rs11591710	Lung AD	10q24.3	rs11591710/10q24.3
<i>Y_RNA</i>	0.1	Promoter	3	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>Y_RNA</i>	0.005	Distal	3	rs11591710	Lung AD	10q24.3	rs11591710/10q24.3
<i>Y_RNA</i>	0.005	Distal	3	rs55768116	Lung AD	11q23.3	rs55768116/11q23.3
<i>Z98049.1</i>	1	Distal	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>Z98049.1</i>	1	Promoter	2	rs6920364	NSCLC	6q27	rs6920364/6q27
<i>ZBTB12</i>	2	Promoter	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>ZBTB12</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>ZBTB12</i>	1	Distal	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>ZBTB12</i>	1	Distal	2	rs3117582	NSCLC	6p21-22	rs3117582/6p21-22
<i>ZBTB12</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>ZBTB12</i>	1	Promoter	2	rs3094604	Lung SqCC	6p21.33	rs3094604/6p21.33
<i>ZBTB12</i>	0	Promoter	4	rs11780471	NSCLC	8p21.1	rs11780471/8p21.1
<i>ZBTB12</i>	0	Promoter	4	rs1853837	NSCLC	6p21.1	rs1853837/6p21.1
<i>ZBTB12</i>	0	Promoter	4	rs2285947	NSCLC	7p15.3	rs2285947/7p15.3
<i>ZBTB12</i>	0	Promoter	4	rs72658409	NSCLC	9p21.3	rs72658409/9p21.3
<i>ZBTB9</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>ZDHHC11</i>	1	Promoter	2	rs465498	NSCLC	5p15.33	rs465498/5p15.33

<i>ZDHC11</i>	0.05	Distal	3	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>ZDHC11</i>	0.05	Distal	3	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>ZDHC11B</i>	1	Promoter	2	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>ZDHC11B</i>	1	Promoter	2	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>ZDHC11B</i>	0.05	Distal	3	rs4635969	NSCLC	5p15	rs4635969/5p15
<i>ZDHC11B</i>	0.05	Distal	3	rs465498	NSCLC	5p15.33	rs465498/5p15.33
<i>ZDHC6</i>	1	Distal	2	rs12265047	NSCLC	10q25.2	rs12265047/10q25.2
<i>ZFP57</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>ZFP57</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>ZFP57</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>ZFP57</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>ZFP57</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>ZFP57</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>ZMAT5</i>	2	Promoter	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>ZMAT5</i>	0.05	Distal	3	rs17728461	NSCLC	22q12.2	rs17728461/22q12.2
<i>ZMAT5</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>ZNF217</i>	0.1	Distal	3	rs4809957	NSCLC	20q13.2	rs4809957/20q13.2
<i>ZNF311</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>ZNF311</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>ZNF483</i>	1	Distal	2	rs12006500	Lung AD	9q31.3	rs12006500/9q31.3
<i>ZNF70P1</i>	1	Distal	2	rs2395185	Lung AD	6p21.32	rs2395185/6p21.32
<i>ZNF780A</i>	0.05	Distal	3	rs56113850	NSCLC	19q13.2	rs56113850/19q13.2
<i>ZNRD1</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>ZNRD1</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>ZNRD1</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>ZNRD1</i>	1	Distal	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>ZNRD1</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>ZNRD1</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>ZNRD1</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>ZNRD1</i>	1	Promoter	2	rs2523546	Lung SqCC	6p21-22	rs2523546/6p21-22
<i>ZNRD1-AS1</i>	1	Distal	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>ZNRD1-AS1</i>	1	Distal	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>ZNRD1-AS1</i>	1	Distal	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>ZNRD1-AS1</i>	1	Promoter	2	rs1264308	NSCLC	6p21.33	rs1264308/6p21.33
<i>ZNRD1-AS1</i>	1	Promoter	2	rs1815741	NSCLC	6p22.1	rs1815741/6p22.1
<i>ZNRD1-AS1</i>	1	Promoter	2	rs2517873	NSCLC	6p22.1	rs2517873/6p22.1
<i>ZNRF3</i>	1	Promoter	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>ZNRF3</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>ZNRF3-AS1</i>	1	Promoter	2	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>ZNRF3-AS1</i>	0.05	Distal	3	rs36600	NSCLC	22q12.2	rs36600/22q12.2
<i>ZRANB3</i>	1	Distal	2	rs3217451	NSCLC	2q21.3	rs3217451/2q21.3
<i>ZRANB3</i>	1	Promoter	2	rs3217451	NSCLC	2q21.3	rs3217451/2q21.3

<i>ZUFSP</i>	1	Distal	2	rs5879422	NSCLC	6q22.1	rs5879422/6q22.1
<i>ZZZ3</i>	1	Distal	2	rs71658797	NSCLC	1p31.1	rs71658797/1p31.1
<i>ZZZ3</i>	1	Promoter	2	rs71658797	NSCLC	1p31.1	rs71658797/1p31.1

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Supplementary Table 7. Gene-set analysis of NSCLC samples.

SYMBOL <sup>a</sup>	ENTREZID	CHR	START	STOP	NSNPS <sup>b</sup>	ZSTAT <sup>c</sup>	P	FDR
<i>TERT</i>	7015	5	1253282	1295178	84	13.89	3.74E-44	6.82E-40
<i>CLPTMIL</i>	81037	5	1317869	1345180	66	10.93	4.15E-28	3.78E-24
<i>CHRNA3</i>	1136	15	78885394	78913637	97	9.34	4.69E-21	2.85E-17
<i>IREB2</i>	3658	15	78730518	78793798	135	8.97	1.45E-19	6.60E-16
<i>CHRNA5</i>	1138	15	78857862	78887611	88	8.91	2.55E-19	9.31E-16
<i>CHRN4</i>	1143	15	78916636	78933587	32	8.82	5.57E-19	1.69E-15
<i>ADAMTS7</i>	11173	15	79051545	79103805	248	8.11	2.52E-16	6.58E-13
<i>HYKK</i>	123688	15	78799906	78829715	85	7.45	4.57E-14	1.04E-10
<i>MPZL2</i>	10205	11	118124131	118135251	37	6.68	1.23E-11	2.49E-08
<i>MPZL3</i>	196264	11	118097405	118124135	96	6.28	1.71E-10	3.12E-07
<i>TP63</i>	8626	3	189348942	189615068	923	6.13	4.36E-10	7.23E-07
<i>JAML</i>	120425	11	118064442	118095809	89	6.02	8.79E-10	1.31E-06
<i>HLA-A</i>	3105	6	29910247	29913661	201	6.01	9.33E-10	1.31E-06
<i>C17orf58</i>	284018	17	65987217	65989765	1	5.76	4.09E-09	5.33E-06
<i>MYNN</i>	55892	3	169490619	169507504	20	5.74	4.75E-09	5.77E-06
<i>PSMA4</i>	5685	15	78832747	78841562	36	5.71	5.51E-09	6.28E-06
<i>BPTF</i>	2186	17	65821644	65980494	261	5.65	7.88E-09	8.46E-06
<i>BAZIA</i>	11177	14	35221937	35344853	305	5.58	1.24E-08	1.25E-05
<i>ACTRT3</i>	84517	3	169484709	169487683	9	5.36	4.27E-08	4.10E-05
<i>DCBLD1</i>	285761	6	117803803	117891021	266	5.26	7.18E-08	6.55E-05
<i>ALS2CR12</i>	130540	2	202153147	202222101	170	4.96	3.53E-07	3.06E-04
<i>LRRC34</i>	151827	3	169511216	169530574	50	4.93	4.16E-07	3.45E-04
<i>HLA-DQB1</i>	3119	6	32627241	32634466	851	4.84	6.64E-07	5.27E-04
<i>VTI1A</i>	143187	10	114206756	114578503	702	4.82	7.35E-07	5.58E-04
<i>CASP8</i>	841	2	202098166	202152434	139	4.74	1.06E-06	7.69E-04
<i>KPNA2</i>	3838	17	66031848	66042970	31	4.70	1.27E-06	8.92E-04
<i>ROS1</i>	6098	6	117609530	117747018	424	4.62	1.93E-06	1.30E-03
<i>MORF4L1</i>	10933	15	79132903	79190081	184	4.49	3.54E-06	2.29E-03
<i>ZNF735</i>	730291	7	63667581	63680668	66	4.49	3.64E-06	2.29E-03
<i>MTAP</i>	4507	9	21802635	21941040	373	4.42	4.98E-06	3.03E-03
<i>SAMHD1</i>	25939	20	35519285	35580246	105	4.41	5.28E-06	3.11E-03
<i>PHLDB1</i>	23187	11	118477213	118528748	70	4.39	5.70E-06	3.25E-03
<i>ABCG2</i>	9429	4	89011416	89152569	358	4.28	9.55E-06	5.27E-03
<i>CHRNA4</i>	1137	20	61974662	62009487	187	4.19	1.42E-05	7.61E-03
<i>LRRC58</i>	116064	3	120043576	120068186	62	4.16	1.62E-05	8.42E-03
<i>COL4A4</i>	1286	2	227867427	228029275	431	4.15	1.69E-05	8.55E-03
<i>PTK6</i>	5753	20	62159766	62168723	29	4.11	1.98E-05	9.78E-03
<i>SLC27A2</i>	11001	15	50474393	50528589	197	4.04	2.68E-05	1.28E-02
<i>TRIM31</i>	11074	6	30070674	30080867	81	4.00	3.22E-05	1.47E-02
<i>AGER</i>	177	6	32148745	32152099	16	4.00	3.24E-05	1.47E-02
<i>IL1RL2</i>	8808	2	102803433	102856462	196	3.98	3.52E-05	1.57E-02
<i>PLS1</i>	5357	3	142315229	142432506	256	3.94	4.01E-05	1.74E-02
<i>TRIM40</i>	135644	6	30103885	30116512	124	3.91	4.65E-05	1.90E-02
<i>ZNF679</i>	168417	7	63688852	63727309	153	3.91	4.66E-05	1.90E-02
<i>NOTCH4</i>	4855	6	32162620	32191844	146	3.91	4.70E-05	1.90E-02
<i>CYP2A6</i>	1548	19	41349441	41356360	34	3.89	5.01E-05	1.97E-02
<i>NRG1</i>	3084	8	31496820	32622558	3358	3.89	5.07E-05	1.97E-02
<i>UBXN4</i>	23190	2	136499189	136542633	85	3.86	5.63E-05	2.13E-02
<i>RNF39</i>	80352	6	30038043	30043628	47	3.86	5.74E-05	2.13E-02
<i>TRPC3</i>	7222	4	122800183	122872909	104	3.85	5.92E-05	2.13E-02
<i>ACTR2</i>	10097	2	65454829	65498387	105	3.85	5.95E-05	2.13E-02
<i>ZNF705D</i>	728957	8	11946847	11973025	19	3.84	6.15E-05	2.15E-02
<i>DOCK2</i>	1794	5	169064251	169510386	1299	3.84	6.25E-05	2.15E-02
<i>TRIM26</i>	7726	6	30152232	30181271	138	3.82	6.69E-05	2.26E-02
<i>TREH</i>	11181	11	118528942	118550381	41	3.81	6.85E-05	2.27E-02
<i>NAF1</i>	92345	4	164047860	164088073	52	3.80	7.26E-05	2.36E-02
<i>BBS7</i>	55212	4	122745484	122791652	79	3.78	7.82E-05	2.50E-02
<i>ZFP57</i>	346171	6	29640169	29644931	28	3.76	8.48E-05	2.66E-02
<i>EIF3E</i>	3646	8	109213972	109260959	100	3.71	1.04E-04	3.22E-02
<i>RNF5</i>	6048	6	32146162	32148570	10	3.70	1.08E-04	3.29E-02
<i>NR1H2</i>	7376	19	50879680	50886285	11	3.69	1.13E-04	3.38E-02
<i>HLA-DQA1</i>	3117	6	32605169	32612152	752	3.68	1.19E-04	3.48E-02
<i>WDR49</i>	151790	3	167196289	167371747	348	3.64	1.38E-04	3.99E-02
<i>SLC2A12</i>	154091	6	134308719	134373789	143	3.63	1.40E-04	3.99E-02

<i>CHCHD5</i>	84269	2	113342023	113346617	11	3.60	1.57E-04	4.40E-02
<i>SEC22A</i>	26984	3	122920774	122992983	221	3.58	1.74E-04	4.80E-02

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Supplementary Table 8. Gene-set analysis of lung AD samples.

SYMBOL <sup>a</sup>	ENTREZID	CHR	START	STOP	NSNPS <sup>b</sup>	ZSTAT <sup>c</sup>	P	FDR
<i>TERT</i>	7015	5	1253282	1295178	84	17.07	1.24E-65	2.26E-61
<i>CLPTMIL</i>	81037	5	1317869	1345180	66	8.54	6.91E-18	6.30E-14
<i>CHRNA3</i>	1136	15	78885394	78913637	97	7.14	4.65E-13	2.27E-09
<i>CHRNA5</i>	1138	15	78857862	78887611	88	7.13	4.97E-13	2.27E-09
<i>ADAMTS7</i>	11173	15	79051545	79103805	247	7.03	1.07E-12	3.90E-09
<i>CHRN4</i>	1143	15	78916636	78933587	32	6.98	1.53E-12	4.29E-09
<i>MPZL2</i>	10205	11	118124131	118135251	37	6.96	1.65E-12	4.29E-09
<i>IREB2</i>	3658	15	78730518	78793798	135	6.81	4.85E-12	1.10E-08
<i>MYNN</i>	55892	3	169490619	169507504	20	6.78	6.08E-12	1.23E-08
<i>TP63</i>	8626	3	189348942	189615068	923	6.67	1.29E-11	2.18E-08
<i>MPZL3</i>	196264	11	118097405	118124135	96	6.67	1.32E-11	2.18E-08
<i>JAML</i>	120425	11	118064442	118095809	89	6.64	1.60E-11	2.43E-08
<i>ACTRT3</i>	84517	3	169484709	169487683	9	6.40	7.83E-11	1.10E-07
<i>VTIIA</i>	143187	10	114206756	114578503	701	6.04	7.71E-10	1.00E-06
<i>HYKK</i>	123688	15	78799906	78829715	85	6.02	8.99E-10	1.09E-06
<i>LRRC34</i>	151827	3	169511216	169530574	50	5.98	1.10E-09	1.25E-06
<i>BPTF</i>	2186	17	65821644	65980494	262	5.83	2.80E-09	3.00E-06
<i>DCBLD1</i>	285761	6	117803803	117891021	266	5.82	3.00E-09	3.04E-06
<i>MTAP</i>	4507	9	21802635	21941040	373	5.72	5.24E-09	5.03E-06
<i>CI7orf58</i>	284018	17	65987217	65989765	1	5.61	1.01E-08	9.24E-06
<i>BAZIA</i>	11177	14	35221937	35344853	305	5.47	2.31E-08	2.01E-05
<i>HLA-A</i>	3105	6	29910247	29913661	201	5.19	1.03E-07	8.51E-05
<i>WNT3</i>	7473	17	44839872	44896126	107	4.84	6.45E-07	5.12E-04
<i>ROS1</i>	6098	6	117609530	117747018	424	4.77	8.99E-07	6.83E-04
<i>LRRIQ4</i>	344657	3	169530658	169555561	57	4.77	9.44E-07	6.88E-04
<i>LRRC31</i>	79782	3	169557029	169587723	78	4.72	1.17E-06	8.19E-04
<i>KPNA2</i>	3838	17	66031848	66042970	31	4.71	1.24E-06	8.38E-04
<i>AGER</i>	177	6	32148745	32152099	16	4.54	2.80E-06	1.82E-03
<i>HLA-DQB1</i>	3119	6	32627241	32634466	851	4.40	5.50E-06	3.46E-03
<i>NRG1</i>	3084	8	31496820	32622558	3360	4.35	6.68E-06	4.06E-03
<i>ACTR2</i>	10097	2	65454829	65498387	105	4.30	8.72E-06	5.13E-03
<i>COPS2</i>	9318	15	49417471	49447854	76	4.27	9.77E-06	5.57E-03
<i>FAM227B</i>	196951	15	49618822	49913128	853	4.26	1.01E-05	5.58E-03
<i>SECISBP2L</i>	9728	15	49280835	49338760	98	4.24	1.11E-05	5.96E-03
<i>NR1H2</i>	7376	19	50879680	50886285	11	4.21	1.29E-05	6.70E-03
<i>NAF1</i>	92345	4	164047860	164088073	52	4.19	1.40E-05	7.07E-03
<i>EIF3E</i>	3646	8	109213972	109260959	100	4.17	1.50E-05	7.38E-03
<i>HLA-DQA1</i>	3117	6	32605169	32612152	752	4.11	1.98E-05	9.51E-03
<i>PSMA4</i>	5685	15	78832747	78841562	36	4.10	2.09E-05	9.74E-03
<i>PLS1</i>	5357	3	142315229	142432506	256	4.09	2.18E-05	9.74E-03
<i>STAT5B</i>	6777	17	40351195	40428478	84	4.09	2.19E-05	9.74E-03
<i>STH</i>	246744	17	44076616	44077060	1	4.08	2.27E-05	9.84E-03
<i>PHLDB1</i>	23187	11	118477213	118528748	70	4.07	2.39E-05	1.01E-02
<i>ARL17B</i>	100506084	17	44351550	44439416	205	4.05	2.57E-05	1.06E-02
<i>GALK2</i>	2585	15	49447974	49659955	603	4.04	2.62E-05	1.06E-02
<i>KANSL1</i>	284058	17	44107282	44302740	1021	4.03	2.78E-05	1.07E-02
<i>CRHR1</i>	1394	17	43697710	43913194	976	4.02	2.93E-05	1.07E-02
<i>MAPT</i>	4137	17	43971702	44105700	743	4.01	2.98E-05	1.07E-02
<i>ABCG2</i>	9429	4	89011416	89152569	358	4.01	2.99E-05	1.07E-02
<i>EGFR</i>	1956	7	55086678	55279262	483	4.01	3.02E-05	1.07E-02
<i>LRRC37A</i>	9884	17	44316744	44415160	478	4.01	3.05E-05	1.07E-02
<i>DTNB</i>	1838	2	25600067	25896516	393	4.01	3.06E-05	1.07E-02
<i>TMEM222</i>	84065	1	27648636	27662891	26	4.00	3.23E-05	1.11E-02
<i>MORF4L1</i>	10933	15	79132903	79190081	184	3.96	3.80E-05	1.28E-02
<i>DIMT1</i>	27292	5	61684351	61699728	34	3.93	4.24E-05	1.41E-02
<i>TMEM68</i>	137695	8	56651317	56685955	102	3.93	4.32E-05	1.41E-02
<i>PTK6</i>	5753	20	62159766	62168723	31	3.92	4.51E-05	1.44E-02
<i>KIF2A</i>	3796	5	61601989	61683011	175	3.91	4.65E-05	1.46E-02
<i>SAMHD1</i>	25939	20	35519285	35580246	105	3.90	4.72E-05	1.46E-02
<i>SPPL2C</i>	162540	17	43922256	43924438	15	3.88	5.15E-05	1.57E-02
<i>NA</i>	554223	6	29759683	29765584	151	3.87	5.40E-05	1.62E-02
<i>NAPSA</i>	9476	19	50861734	50868931	10	3.85	5.95E-05	1.75E-02
<i>ATR</i>	545	3	142168077	142297668	179	3.82	6.59E-05	1.90E-02
<i>TREH</i>	11181	11	118528942	118550381	41	3.82	6.68E-05	1.90E-02

<i>POLD1</i>	5424	19	50887531	50921275	65	3.79	7.58E-05	2.09E-02
<i>IPO11</i>	51194	5	61699522	61924416	352	3.79	7.67E-05	2.09E-02
<i>UBXN4</i>	23190	2	136499189	136542633	86	3.79	7.68E-05	2.09E-02
<i>TBL3</i>	10607	16	2022064	2028751	13	3.77	8.10E-05	2.17E-02
<i>CARD10</i>	29775	22	37886400	37915543	111	3.76	8.45E-05	2.23E-02
<i>MKNK2</i>	2872	19	2037470	2051243	29	3.75	8.99E-05	2.34E-02
<i>CASP8</i>	841	2	202098166	202152434	139	3.67	1.23E-04	3.14E-02
<i>TGS1</i>	96764	8	56685791	56738007	130	3.66	1.24E-04	3.14E-02
<i>ARID3B</i>	10620	15	74833518	74890472	74	3.66	1.26E-04	3.14E-02
<i>FOXRED2</i>	80020	22	36883233	36903148	58	3.65	1.33E-04	3.27E-02
<i>UBL7</i>	84993	15	74738318	74753545	21	3.64	1.38E-04	3.33E-02
<i>STAT6</i>	6778	12	57489187	57505196	26	3.64	1.39E-04	3.33E-02
<i>KMT2B</i>	9757	19	36208921	36229781	36	3.62	1.48E-04	3.50E-02
<i>CALY</i>	50632	10	135138928	135150482	21	3.58	1.73E-04	4.03E-02
<i>DSP</i>	1832	6	7541808	7586946	118	3.58	1.75E-04	4.03E-02
<i>IQGAP3</i>	128239	1	156495197	156542396	75	3.56	1.88E-04	4.28E-02
<i>FGF7</i>	2252	15	49715375	49779523	202	3.55	1.90E-04	4.28E-02
<i>SCN2B</i>	6327	11	118033519	118047337	46	3.55	1.93E-04	4.30E-02

Supplementary Table 9. Gene-set analysis of lung SqCC samples.

SYMBOL <sup>a</sup>	ENTREZID	CHR	START	STOP	NSNPS <sup>b</sup>	ZSTAT <sup>c</sup>	P	FDR
<i>CLPTMIL</i>	81037	5	1317869	1345180	66	7.91	1.29E-15	2.34E-11
<i>CHRNA3</i>	1136	15	78885394	78913637	97	7.47	3.97E-14	3.62E-10
<i>CHRNA4</i>	1143	15	78916636	78933587	32	7.40	6.62E-14	4.02E-10
<i>CHRNA5</i>	1138	15	78857862	78887611	88	7.07	7.62E-13	3.47E-09
<i>IREB2</i>	3658	15	78730518	78793798	135	7.02	1.13E-12	4.12E-09
<i>HYKK</i>	123688	15	78799906	78829715	85	6.05	7.42E-10	2.10E-06
<i>HLA-DQA1</i>	3117	6	32605169	32612152	752	6.03	8.08E-10	2.10E-06
<i>HLA-DQB1</i>	3119	6	32627241	32634466	851	5.56	1.35E-08	3.07E-05
<i>ADAMTS7</i>	11173	15	79051545	79103805	248	5.41	3.10E-08	6.27E-05
<i>HIST1H2BD</i>	3017	6	26157419	26171577	29	5.30	5.68E-08	1.04E-04
<i>TRIM31</i>	11074	6	30070674	30080867	81	5.05	2.19E-07	3.63E-04
<i>HLA-B</i>	3106	6	31321649	31324989	180	5.02	2.62E-07	3.99E-04
<i>DDX39B</i>	7919	6	31497996	31510252	74	4.81	7.57E-07	1.06E-03
<i>MORN5</i>	254956	9	124922190	124962368	79	4.76	9.88E-07	1.29E-03
<i>ZFP57</i>	346171	6	29640169	29644931	28	4.71	1.22E-06	1.48E-03
<i>PMS2</i>	5395	7	6012870	6048737	123	4.65	1.63E-06	1.86E-03
<i>ATP6V1G2</i>	534	6	31512228	31514625	8	4.61	2.01E-06	2.15E-03
<i>AIMP2</i>	7965	7	6048882	6063465	61	4.50	3.33E-06	3.37E-03
<i>TCF19</i>	6941	6	31126303	31134183	53	4.38	5.82E-06	5.58E-03
<i>BBS7</i>	55212	4	122745484	122791652	79	4.37	6.36E-06	5.80E-03
<i>CKMT1A</i>	548596	15	43985084	43991420	7	4.31	8.28E-06	7.19E-03
<i>CHRM3</i>	1131	1	239549876	240078750	1302	4.27	9.95E-06	8.25E-03
<i>MCCD1</i>	401250	6	31496739	31498008	19	4.24	1.12E-05	8.82E-03
<i>PRAG1</i>	157285	8	8175258	8243941	221	4.23	1.18E-05	8.82E-03
<i>POU5F1</i>	5460	6	31132114	31138451	63	4.21	1.30E-05	8.82E-03
<i>PSMA4</i>	5685	15	78832747	78841562	36	4.20	1.33E-05	8.82E-03
<i>EXOSC9</i>	5393	4	122722445	122738176	37	4.20	1.34E-05	8.82E-03
<i>TMEM155</i>	132332	4	122680085	122686516	12	4.19	1.39E-05	8.82E-03
<i>HLA-A</i>	3105	6	29910247	29913661	201	4.19	1.40E-05	8.82E-03
<i>HLA-DOA</i>	3111	6	32971959	32977389	43	4.16	1.59E-05	9.65E-03
<i>TRIM38</i>	10475	6	25962917	25987557	56	4.13	1.79E-05	1.05E-02
<i>TP53BP1</i>	7158	15	43695262	43802707	198	4.09	2.17E-05	1.24E-02
<i>IL1RL2</i>	8808	2	102803433	102856462	196	4.07	2.38E-05	1.26E-02
<i>PDIA3</i>	2923	15	44038326	44064804	37	4.04	2.63E-05	1.26E-02
<i>CATSPER2</i>	117155	15	43922772	43941039	40	4.04	2.64E-05	1.26E-02
<i>STRC</i>	161497	15	43891685	44002286	152	4.04	2.66E-05	1.26E-02
<i>CHEK2</i>	11200	22	29083731	29137822	132	4.04	2.67E-05	1.26E-02
<i>C6orf15</i>	29113	6	31079000	31080332	17	4.04	2.67E-05	1.26E-02
<i>PRRC2A</i>	7916	6	31588450	31605554	71	4.04	2.71E-05	1.26E-02
<i>SERF2</i>	10169	15	44069294	44088287	25	4.01	3.04E-05	1.39E-02
<i>MIA2</i>	4253	14	39734476	39820397	192	3.97	3.60E-05	1.60E-02
<i>HIST1H2BC</i>	8347	6	26113389	26124266	39	3.93	4.30E-05	1.87E-02
<i>LRRC58</i>	116064	3	120043576	120068186	62	3.91	4.55E-05	1.93E-02
<i>SERINC4</i>	619189	15	44086372	44092295	5	3.89	5.02E-05	2.08E-02
<i>ABCG2</i>	9429	4	89011416	89152569	359	3.88	5.27E-05	2.13E-02
<i>PPP3CC</i>	5533	8	22298483	22398657	197	3.87	5.37E-05	2.13E-02
<i>HIST1H2BN</i>	8341	6	27805544	27821533	30	3.87	5.54E-05	2.15E-02
<i>EIF2AK1</i>	27102	7	6061878	6098860	125	3.85	5.92E-05	2.25E-02
<i>C15orf59</i>	388135	15	74027772	74045495	29	3.82	6.71E-05	2.50E-02
<i>HPSE</i>	10855	4	84213614	84256306	115	3.81	6.84E-05	2.50E-02
<i>SGK2</i>	10110	20	42187566	42214317	65	3.80	7.14E-05	2.55E-02
<i>TICAM1</i>	148022	19	4815936	4831754	48	3.80	7.34E-05	2.57E-02
<i>RAD52</i>	5893	12	1021255	1099774	219	3.78	7.94E-05	2.71E-02
<i>CCHCR1</i>	54535	6	31110216	31126015	173	3.77	8.04E-05	2.71E-02
<i>SFTA2</i>	389376	6	30899127	30899952	10	3.77	8.29E-05	2.75E-02
<i>LILRA4</i>	23547	19	54844473	54850421	28	3.76	8.64E-05	2.81E-02
<i>FLII</i>	2313	11	128556430	128683162	374	3.75	8.87E-05	2.84E-02
<i>CHRNA4</i>	1137	20	61974662	62009487	187	3.73	9.70E-05	3.00E-02
<i>CHRNA2</i>	1141	1	154540257	154552354	13	3.73	9.70E-05	3.00E-02
<i>TRPC3</i>	7222	4	122800183	122872909	104	3.71	1.02E-04	3.10E-02
<i>ELL3</i>	80237	15	44064798	44069502	5	3.68	1.14E-04	3.42E-02
<i>MICA</i>	100507436	6	31367561	31383090	252	3.66	1.28E-04	3.76E-02
<i>IFT52</i>	51098	20	42219574	42275862	121	3.65	1.32E-04	3.81E-02
<i>NOTCH4</i>	4855	6	32162620	32191844	146	3.63	1.44E-04	4.11E-02

<i>BAG6</i>	7917	6	31606805	31620953	53	3.60	1.59E-04	4.45E-02
<i>CCT5</i>	22948	5	10250041	10266501	75	3.59	1.68E-04	4.59E-02
<i>DOCK2</i>	1794	5	169064251	169510386	1299	3.58	1.69E-04	4.59E-02
<i>COMMD7</i>	149951	20	31290493	31331814	139	3.58	1.71E-04	4.59E-02
<i>DDR1</i>	780	6	30850694	30867933	57	3.57	1.82E-04	4.80E-02

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Supplementary Table 10. List of somatic driver genes.

Gene.symbol	chr	start	end	gene_type	Ensembl	anno
<i>PTPRU</i>	chr1	29563028	29653325	protein_coding	ENSG00000060656	<i>PTPRU</i>
<i>PTCHD2</i>	chr1	11539223	11597641	protein_coding	ENSG00000204624	<i>PTCHD2</i>
<i>EPHB2</i>	chr1	23037332	23241818	protein_coding	ENSG00000133216	<i>EPHB2</i>
<i>ARID1A</i>	chr1	27022524	27108595	protein_coding	ENSG00000117713	<i>ARID1A</i>
<i>SFPQ</i>	chr1	35641979	35658749	protein_coding	ENSG00000116560	<i>SFPQ</i>
<i>CLSPN</i>	chr1	36185819	36235568	protein_coding	ENSG00000092853	<i>CLSPN</i>
<i>THRAP3</i>	chr1	36690017	36770958	protein_coding	ENSG00000054118	<i>THRAP3</i>
<i>SF3A3</i>	chr1	38422647	38456593	protein_coding	ENSG00000183431	<i>SF3A3</i>
<i>MYCL</i>	chr1	40361098	40367928	protein_coding	ENSG00000116990	<i>MYCL</i>
<i>PIK3R3</i>	chr1	46505812	46642160	protein_coding	ENSG00000117461	<i>PIK3R3</i>
<i>FUBP1</i>	chr1	78409740	78444794	protein_coding	ENSG00000162613	<i>FUBP1</i>
<i>LPHN2</i>	chr1	81771845	82458120	protein_coding	ENSG00000117114	<i>LPHN2</i>
<i>RPL5</i>	chr1	93297582	93307481	protein_coding	ENSG00000122406	<i>RPL5</i>
<i>GPSM2</i>	chr1	109417972	109477167	protein_coding	ENSG00000121957	<i>GPSM2</i>
<i>NRAS</i>	chr1	115247090	115259515	protein_coding	ENSG00000213281	<i>NRAS</i>
<i>CSDE1</i>	chr1	115259534	115301297	protein_coding	ENSG00000009307	<i>CSDE1</i>
<i>CHD1L</i>	chr1	146714291	146767443	protein_coding	ENSG00000131778	<i>CHD1L</i>
<i>MCL1</i>	chr1	150547032	150552066	protein_coding	ENSG00000143384	<i>MCL1</i>
<i>SETDB1</i>	chr1	150898739	150937213	protein_coding	ENSG00000143379	<i>SETDB1</i>
<i>PIP5K1A</i>	chr1	151170425	151222012	protein_coding	ENSG00000143398	<i>PIP5K1A</i>
<i>SPRR3</i>	chr1	152974223	152976332	protein_coding	ENSG00000163209	<i>SPRR3</i>
<i>TPM3</i>	chr1	154127784	154167124	protein_coding	ENSG00000143549	<i>TPM3</i>
<i>RIT1</i>	chr1	155867599	155881195	protein_coding	ENSG00000143622	<i>RIT1</i>
<i>NTRK1</i>	chr1	156785432	156851642	protein_coding	ENSG00000198400	<i>NTRK1</i>
<i>DDR2</i>	chr1	162601163	162757190	protein_coding	ENSG00000162733	<i>DDR2</i>
<i>DUSP27</i>	chr1	167063282	167098402	protein_coding	ENSG00000198842	<i>DUSP27</i>
<i>PRRX1</i>	chr1	170631869	170708560	protein_coding	ENSG00000116132	<i>PRRX1</i>
<i>TNR</i>	chr1	175284330	175712906	protein_coding	ENSG00000116147	<i>TNR</i>
<i>PAPPA2</i>	chr1	176432307	176814735	protein_coding	ENSG00000116183	<i>PAPPA2</i>
<i>ABL2</i>	chr1	179068462	179198819	protein_coding	ENSG00000143322	<i>ABL2</i>
<i>CACNA1E</i>	chr1	181382238	181777219	protein_coding	ENSG00000198216	<i>CACNA1E</i>
<i>DHX9</i>	chr1	182808504	182856886	protein_coding	ENSG00000135829	<i>DHX9</i>
<i>NCF2</i>	chr1	183524698	183560011	protein_coding	ENSG00000116701	<i>NCF2</i>
<i>TPR</i>	chr1	186280784	186344825	protein_coding	ENSG00000047410	<i>TPR</i>
<i>CDC73</i>	chr1	193091147	193223031	protein_coding	ENSG00000134371	<i>CDC73</i>
<i>ZC3H11A</i>	chr1	203764782	203823252	protein_coding	ENSG00000058673	<i>ZC3H11A</i>
<i>IRF6</i>	chr1	209959036	209979465	protein_coding	ENSG00000117595	<i>IRF6</i>
<i>PPP2R5A</i>	chr1	212458879	212535200	protein_coding	ENSG00000066027	<i>PPP2R5A</i>
<i>OR2M5</i>	chr1	248308450	248309388	protein_coding	ENSG00000162727	<i>OR2M5</i>
<i>DNMT3A</i>	chr2	25455845	25565459	protein_coding	ENSG00000119772	<i>DNMT3A</i>
<i>ALK</i>	chr2	29415640	30144432	protein_coding	ENSG00000171094	<i>ALK</i>
<i>BIRC6</i>	chr2	32582096	32843966	protein_coding	ENSG00000115760	<i>BIRC6</i>
<i>STRN</i>	chr2	37070783	37193615	protein_coding	ENSG00000115808	<i>STRN</i>
<i>MAP4K3</i>	chr2	39476407	39664453	protein_coding	ENSG00000011566	<i>MAP4K3</i>
<i>EML4</i>	chr2	42396490	42559688	protein_coding	ENSG00000143924	<i>EML4</i>
<i>ZFP36L2</i>	chr2	43449541	43453748	protein_coding	ENSG00000152518	<i>ZFP36L2</i>
<i>RTN4</i>	chr2	55199325	55339757	protein_coding	ENSG00000115310	<i>RTN4</i>
<i>BCL11A</i>	chr2	60678302	60780702	protein_coding	ENSG00000119866	<i>BCL11A</i>
<i>REL</i>	chr2	61108656	61158745	protein_coding	ENSG00000162924	<i>REL</i>
<i>ACTG2</i>	chr2	74119441	74146992	protein_coding	ENSG00000163017	<i>ACTG2</i>
<i>EIF2AK3</i>	chr2	88856259	88927094	protein_coding	ENSG00000172071	<i>EIF2AK3</i>
<i>ACVR2A</i>	chr2	148602086	148688393	protein_coding	ENSG00000121989	<i>ACVR2A</i>
<i>NR4A2</i>	chr2	157180944	157198860	protein_coding	ENSG00000153234	<i>NR4A2</i>
<i>BAZ2B</i>	chr2	160175490	160473203	protein_coding	ENSG00000123636	<i>BAZ2B</i>
<i>WIPF1</i>	chr2	175424300	175547644	protein_coding	ENSG00000115935	<i>WIPF1</i>
<i>NFE2L2</i>	chr2	178092323	178257425	protein_coding	ENSG00000116044	<i>NFE2L2</i>
<i>NCKAP1</i>	chr2	183773843	183903586	protein_coding	ENSG00000061676	<i>NCKAP1</i>
<i>SF3B1</i>	chr2	198254508	198299815	protein_coding	ENSG00000115524	<i>SF3B1</i>
<i>CASP8</i>	chr2	202098166	202152434	protein_coding	ENSG00000064012	<i>CASP8</i>
<i>BMPR2</i>	chr2	203241659	203432474	protein_coding	ENSG00000204217	<i>BMPR2</i>
<i>EEF1B2</i>	chr2	207024309	207027652	protein_coding	ENSG00000114942	<i>EEF1B2</i>
<i>IDH1</i>	chr2	209100951	209130798	protein_coding	ENSG00000138413	<i>IDH1</i>
<i>UNC80</i>	chr2	210636717	210864024	protein_coding	ENSG00000144406	<i>UNC80</i>

<i>ERBB4</i>	chr2	212240446	213403565	protein_coding	ENSG00000178568	<i>ERBB4</i>
<i>ATIC</i>	chr2	216176540	216214487	protein_coding	ENSG00000138363	<i>ATIC</i>
<i>FNI</i>	chr2	216225163	216300895	protein_coding	ENSG00000115414	<i>FNI</i>
<i>PTPRN</i>	chr2	220154345	220174370	protein_coding	ENSG00000054356	<i>PTPRN</i>
<i>EPHA4</i>	chr2	222282747	222438922	protein_coding	ENSG00000116106	<i>EPHA4</i>
<i>CUL3</i>	chr2	225334867	225450110	protein_coding	ENSG00000036257	<i>CUL3</i>
<i>PASK</i>	chr2	242045514	242089679	protein_coding	ENSG00000115687	<i>PASK</i>
<i>SRGAP3</i>	chr3	9022275	9404737	protein_coding	ENSG00000196220	<i>SRGAP3</i>
<i>RAF1</i>	chr3	12625100	12705725	protein_coding	ENSG00000132155	<i>RAF1</i>
<i>CAPN7</i>	chr3	15247659	15294425	protein_coding	ENSG00000131375	<i>CAPN7</i>
<i>TGFBR2</i>	chr3	30647994	30735634	protein_coding	ENSG00000163513	<i>TGFBR2</i>
<i>CLASP2</i>	chr3	33537737	33759848	protein_coding	ENSG00000163539	<i>CLASP2</i>
<i>MLH1</i>	chr3	37034823	37107380	protein_coding	ENSG00000076242	<i>MLH1</i>
<i>CTNNB1</i>	chr3	41236328	41301587	protein_coding	ENSG00000168036	<i>CTNNB1</i>
<i>SETD2</i>	chr3	47057919	47205457	protein_coding	ENSG00000181555	<i>SETD2</i>
<i>RHOA</i>	chr3	49396578	49450431	protein_coding	ENSG00000067560	<i>RHOA</i>
<i>RBM5</i>	chr3	50126341	50156454	protein_coding	ENSG00000003756	<i>RBM5</i>
<i>BAP1</i>	chr3	52435029	52444366	protein_coding	ENSG00000163930	<i>BAP1</i>
<i>PBRM1</i>	chr3	52579368	52719933	protein_coding	ENSG00000163939	<i>PBRM1</i>
<i>FOXP1</i>	chr3	71003844	71633140	protein_coding	ENSG00000114861	<i>FOXP1</i>
<i>EPHA3</i>	chr3	89156674	89531284	protein_coding	ENSG00000044524	<i>EPHA3</i>
<i>TFG</i>	chr3	100428205	100467810	protein_coding	ENSG00000114354	<i>TFG</i>
<i>KALRN</i>	chr3	123798870	124445172	protein_coding	ENSG00000160145	<i>KALRN</i>
<i>STAG1</i>	chr3	136055077	136471220	protein_coding	ENSG00000118007	<i>STAG1</i>
<i>NCK1</i>	chr3	136581050	136668665	protein_coding	ENSG00000158092	<i>NCK1</i>
<i>PIK3CB</i>	chr3	138372860	138553780	protein_coding	ENSG00000051382	<i>PIK3CB</i>
<i>TFDP2</i>	chr3	141663277	141868386	protein_coding	ENSG00000114126	<i>TFDP2</i>
<i>MECOM</i>	chr3	168801287	169381406	protein_coding	ENSG00000085276	<i>MECOM</i>
<i>TERC</i>	chr3	169482308	169482848	lincRNA	ENSG00000270141	<i>TERC</i>
<i>TBLIXR1</i>	chr3	176737143	176915261	protein_coding	ENSG00000177565	<i>TBLIXR1</i>
<i>PIK3CA</i>	chr3	178865902	178957881	protein_coding	ENSG00000121879	<i>PIK3CA</i>
<i>FXR1</i>	chr3	180585929	180700541	protein_coding	ENSG00000114416	<i>FXR1</i>
<i>SOX2</i>	chr3	181429714	181432221	protein_coding	ENSG00000181449	<i>SOX2</i>
<i>EIF4G1</i>	chr3	184032283	184053146	protein_coding	ENSG00000114867	<i>EIF4G1</i>
<i>EIF4A2</i>	chr3	186500994	186507689	protein_coding	ENSG00000156976	<i>EIF4A2</i>
<i>MB21D2</i>	chr3	192514604	192635950	protein_coding	ENSG00000180611	<i>MB21D2</i>
<i>MUC20</i>	chr3	195447753	195467994	protein_coding	ENSG00000176945	<i>MUC20</i>
<i>TFRC</i>	chr3	195754054	195809060	protein_coding	ENSG00000072274	<i>TFRC</i>
<i>DLG1</i>	chr3	196769431	197026171	protein_coding	ENSG00000075711	<i>DLG1</i>
<i>FGFR3</i>	chr4	1795034	1810599	protein_coding	ENSG00000068078	<i>FGFR3</i>
<i>DHX15</i>	chr4	24519064	24586173	protein_coding	ENSG00000109606	<i>DHX15</i>
<i>SLC34A2</i>	chr4	25656923	25680370	protein_coding	ENSG00000157765	<i>SLC34A2</i>
<i>KLHL5</i>	chr4	39046659	39128477	protein_coding	ENSG00000109790	<i>KLHL5</i>
<i>N4BP2</i>	chr4	40058446	40159872	protein_coding	ENSG00000078177	<i>N4BP2</i>
<i>RHOH</i>	chr4	40192673	40248587	protein_coding	ENSG00000168421	<i>RHOH</i>
<i>PDGFRA</i>	chr4	55095264	55164414	protein_coding	ENSG00000134853	<i>PDGFRA</i>
<i>KIT</i>	chr4	55524085	55606881	protein_coding	ENSG00000157404	<i>KIT</i>
<i>KDR</i>	chr4	55944644	55991756	protein_coding	ENSG00000128052	<i>KDR</i>
<i>CLOCK</i>	chr4	56294070	56413305	protein_coding	ENSG00000134852	<i>CLOCK</i>
<i>POLR2B</i>	chr4	57843888	57897334	protein_coding	ENSG00000047315	<i>POLR2B</i>
<i>G3BP2</i>	chr4	76567966	76649709	protein_coding	ENSG00000138757	<i>G3BP2</i>
<i>PTPN13</i>	chr4	87515468	87736324	protein_coding	ENSG00000163629	<i>PTPN13</i>
<i>PPP3CA</i>	chr4	101944566	102269435	protein_coding	ENSG00000138814	<i>PPP3CA</i>
<i>SEC24D</i>	chr4	119643978	119759838	protein_coding	ENSG00000150961	<i>SEC24D</i>
<i>PCDH18</i>	chr4	138440072	138453648	protein_coding	ENSG00000189184	<i>PCDH18</i>
<i>FBXW7</i>	chr4	153242410	153457253	protein_coding	ENSG00000109670	<i>FBXW7</i>
<i>FAT1</i>	chr4	187508937	187647876	protein_coding	ENSG00000083857	<i>FAT1</i>
<i>TERT</i>	chr5	1253262	1295184	protein_coding	ENSG00000164362	<i>TERT</i>
<i>CCT5</i>	chr5	10250033	10266524	protein_coding	ENSG00000150753	<i>CCT5</i>
<i>DROSHA</i>	chr5	31400604	31532303	protein_coding	ENSG00000113360	<i>DROSHA</i>
<i>HCN1</i>	chr5	45259349	45696253	protein_coding	ENSG00000164588	<i>HCN1</i>
<i>MAP3K1</i>	chr5	56111401	56191979	protein_coding	ENSG00000095015	<i>MAP3K1</i>
<i>ERBB2IP</i>	chr5	65222303	65378377	protein_coding	ENSG00000112851	<i>ERBB2IP</i>
<i>PIK3R1</i>	chr5	67511548	67597649	protein_coding	ENSG00000145675	<i>PIK3R1</i>
<i>TNPO1</i>	chr5	72112139	72212560	protein_coding	ENSG00000083312	<i>TNPO1</i>
<i>RASA1</i>	chr5	86563705	86687748	protein_coding	ENSG00000145715	<i>RASA1</i>
<i>CAST</i>	chr5	95860971	96115299	protein_coding	ENSG00000153113	<i>CAST</i>

<i>APC</i>	chr5	112043195	112181936	protein_coding	ENSG00000134982	<i>APC</i>
<i>CSNK1G3</i>	chr5	122847793	122952739	protein_coding	ENSG00000151292	<i>CSNK1G3</i>
<i>ACSL6</i>	chr5	131142683	131347936	protein_coding	ENSG00000164398	<i>ACSL6</i>
<i>AFF4</i>	chr5	132211071	132299326	protein_coding	ENSG00000072364	<i>AFF4</i>
<i>ARHGAP26</i>	chr5	142149949	142608576	protein_coding	ENSG00000145819	<i>ARHGAP26</i>
<i>CD74</i>	chr5	149781200	149792492	protein_coding	ENSG00000019582	<i>CD74</i>
<i>G3BP1</i>	chr5	151150606	151192346	protein_coding	ENSG00000145907	<i>G3BP1</i>
<i>GABRG2</i>	chr5	161494546	161582542	protein_coding	ENSG00000113327	<i>GABRG2</i>
<i>NPM1</i>	chr5	170814120	170838141	protein_coding	ENSG00000181163	<i>NPM1</i>
<i>NSD1</i>	chr5	176560026	176727216	protein_coding	ENSG00000165671	<i>NSD1</i>
<i>HLA-A</i>	chr6	29909037	29913661	protein_coding	ENSG00000206503	<i>HLA-A</i>
<i>CDKN1A</i>	chr6	36644305	36655116	protein_coding	ENSG00000124762	<i>CDKN1A</i>
<i>CCND3</i>	chr6	41902671	42018095	protein_coding	ENSG00000112576	<i>CCND3</i>
<i>HSP90AB1</i>	chr6	44214824	44221620	protein_coding	ENSG00000096384	<i>HSP90AB1</i>
<i>PTP4A1</i>	chr6	64231666	64293492	protein_coding	ENSG00000112245	<i>PTP4A1</i>
<i>PHF3</i>	chr6	64345725	64489229	protein_coding	ENSG00000118482	<i>PHF3</i>
<i>BAI3</i>	chr6	69345259	70099403	protein_coding	ENSG00000135298	<i>BAI3</i>
<i>KHDC1</i>	chr6	73951037	74020088	protein_coding	ENSG00000135314	<i>KHDC1</i>
<i>EEF1A1</i>	chr6	74225473	74233520	protein_coding	ENSG00000156508	<i>EEF1A1</i>
<i>SYNCRIP</i>	chr6	86318053	86353510	protein_coding	ENSG00000135316	<i>SYNCRIP</i>
<i>ROS1</i>	chr6	117609463	117747018	protein_coding	ENSG00000047936	<i>ROS1</i>
<i>GOPC</i>	chr6	117639374	117923691	protein_coding	ENSG00000047932	<i>GOPC</i>
<i>MYB</i>	chr6	135502453	135540311	protein_coding	ENSG00000118513	<i>MYB</i>
<i>ARID1B</i>	chr6	157099063	157531913	protein_coding	ENSG00000049618	<i>ARID1B</i>
<i>EZR</i>	chr6	159186773	159240444	protein_coding	ENSG00000092820	<i>EZR</i>
<i>MAP3K4</i>	chr6	161412759	161538417	protein_coding	ENSG00000085511	<i>MAP3K4</i>
<i>HOXA10</i>	chr7	27210210	27219880	protein_coding	ENSG00000253293	<i>HOXA10</i>
<i>EGFR</i>	chr7	55086714	55324313	protein_coding	ENSG00000146648	<i>EGFR</i>
<i>ZNF479</i>	chr7	57187321	57207571	protein_coding	ENSG00000185177	<i>ZNF479</i>
<i>HIP1</i>	chr7	75162621	75368280	protein_coding	ENSG00000127946	<i>HIP1</i>
<i>GNAI1</i>	chr7	79763271	79848718	protein_coding	ENSG00000127955	<i>GNAI1</i>
<i>HGF</i>	chr7	81328322	81399754	protein_coding	ENSG00000019991	<i>HGF</i>
<i>AKAP9</i>	chr7	91570181	91739987	protein_coding	ENSG00000127914	<i>AKAP9</i>
<i>CDK6</i>	chr7	92234235	92465908	protein_coding	ENSG00000105810	<i>CDK6</i>
<i>MET</i>	chr7	116312444	116438440	protein_coding	ENSG00000105976	<i>MET</i>
<i>GRM8</i>	chr7	126078652	126893348	protein_coding	ENSG00000179603	<i>GRM8</i>
<i>CNOT4</i>	chr7	135046547	135194875	protein_coding	ENSG00000080802	<i>CNOT4</i>
<i>BRAF</i>	chr7	140419127	140624564	protein_coding	ENSG00000157764	<i>BRAF</i>
<i>CUL1</i>	chr7	148395006	148498128	protein_coding	ENSG00000055130	<i>CUL1</i>
<i>EZH2</i>	chr7	148504475	148581413	protein_coding	ENSG00000106462	<i>EZH2</i>
<i>RHEB</i>	chr7	151163098	151217206	protein_coding	ENSG00000106615	<i>RHEB</i>
<i>KMT2C</i>	chr7	151832010	152133090	protein_coding	ENSG00000055609	<i>KMT2C</i>
<i>DEFB103A</i>	chr8	7738726	7740186	protein_coding	ENSG00000176797	<i>DEFB103A</i>
<i>MSR1</i>	chr8	15965387	16424999	protein_coding	ENSG00000038945	<i>MSR1</i>
<i>LEPROTL1</i>	chr8	29952914	30034724	protein_coding	ENSG00000104660	<i>LEPROTL1</i>
<i>NRG1</i>	chr8	31496902	32622548	protein_coding	ENSG00000157168	<i>NRG1</i>
<i>WHSC1L1</i>	chr8	38127215	38239790	protein_coding	ENSG00000147548	<i>WHSC1L1</i>
<i>FGFR1</i>	chr8	38268656	38326352	protein_coding	ENSG00000077782	<i>FGFR1</i>
<i>KAT6A</i>	chr8	41786997	41909508	protein_coding	ENSG00000083168	<i>KAT6A</i>
<i>ZFHX4</i>	chr8	77593454	77779521	protein_coding	ENSG00000091656	<i>ZFHX4</i>
<i>RUNX1T1</i>	chr8	92967203	93115514	protein_coding	ENSG00000079102	<i>RUNX1T1</i>
<i>CSMD3</i>	chr8	113235157	114449328	protein_coding	ENSG00000164796	<i>CSMD3</i>
<i>RAD21</i>	chr8	117858174	117887105	protein_coding	ENSG00000164754	<i>RAD21</i>
<i>MYC</i>	chr8	128747680	128753674	protein_coding	ENSG00000136997	<i>MYC</i>
<i>NDRG1</i>	chr8	134249414	134314265	protein_coding	ENSG00000104419	<i>NDRG1</i>
<i>PTPRD</i>	chr9	8314246	10612723	protein_coding	ENSG00000153707	<i>PTPRD</i>
<i>CDKN2A</i>	chr9	21967751	21995300	protein_coding	ENSG00000147889	<i>CDKN2A</i>
<i>ACO1</i>	chr9	32384618	32454767	protein_coding	ENSG00000122729	<i>ACO1</i>
<i>PAX5</i>	chr9	36833272	37034103	protein_coding	ENSG00000196092	<i>PAX5</i>
<i>TJP2</i>	chr9	71736209	71870124	protein_coding	ENSG00000119139	<i>TJP2</i>
<i>NTRK2</i>	chr9	87283466	87638505	protein_coding	ENSG00000148053	<i>NTRK2</i>
<i>SYK</i>	chr9	93564069	93660831	protein_coding	ENSG00000165025	<i>SYK</i>
<i>RAD23B</i>	chr9	110045418	110094475	protein_coding	ENSG00000119318	<i>RAD23B</i>
<i>SVEP1</i>	chr9	113127531	113342160	protein_coding	ENSG00000165124	<i>SVEP1</i>
<i>RGS3</i>	chr9	116207011	116360018	protein_coding	ENSG00000138835	<i>RGS3</i>
<i>PTGS1</i>	chr9	125132824	125157982	protein_coding	ENSG00000095303	<i>PTGS1</i>
<i>DENND1A</i>	chr9	126141933	126692431	protein_coding	ENSG00000119522	<i>DENND1A</i>

<i>SPTAN1</i>	chr9	131314866	131395941	protein_coding	ENSG00000197694	<i>SPTAN1</i>
<i>BRD3</i>	chr9	136895427	136933657	protein_coding	ENSG00000169925	<i>BRD3</i>
<i>NOTCH1</i>	chr9	139388896	139440314	protein_coding	ENSG00000148400	<i>NOTCH1</i>
<i>KLF6</i>	chr10	3818188	3827473	protein_coding	ENSG00000067082	<i>KLF6</i>
<i>GATA3</i>	chr10	8095567	8117161	protein_coding	ENSG00000107485	<i>GATA3</i>
<i>KIF5B</i>	chr10	32297938	32345359	protein_coding	ENSG00000170759	<i>KIF5B</i>
<i>CUL2</i>	chr10	35297479	35379570	protein_coding	ENSG00000108094	<i>CUL2</i>
<i>RET</i>	chr10	43572475	43625799	protein_coding	ENSG00000165731	<i>RET</i>
<i>CCDC6</i>	chr10	61548521	61666414	protein_coding	ENSG00000108091	<i>CCDC6</i>
<i>CCAR1</i>	chr10	70480769	70552134	protein_coding	ENSG00000060339	<i>CCAR1</i>
<i>PTEN</i>	chr10	89622870	89731687	protein_coding	ENSG00000171862	<i>PTEN</i>
<i>CPEB3</i>	chr10	93806449	94050844	protein_coding	ENSG00000107864	<i>CPEB3</i>
<i>PDZD7</i>	chr10	102767440	102790890	protein_coding	ENSG00000186862	<i>PDZD7</i>
<i>TCF7L2</i>	chr10	114710009	114927437	protein_coding	ENSG00000148737	<i>TCF7L2</i>
<i>FGFR2</i>	chr10	123237848	123357972	protein_coding	ENSG00000066468	<i>FGFR2</i>
<i>HRAS</i>	chr11	532242	537287	protein_coding	ENSG00000174775	<i>HRAS</i>
<i>NUP98</i>	chr11	3692313	3819022	protein_coding	ENSG00000110713	<i>NUP98</i>
<i>STIM1</i>	chr11	3875757	4114439	protein_coding	ENSG00000167323	<i>STIM1</i>
<i>ARNTL</i>	chr11	13298199	13408813	protein_coding	ENSG00000133794	<i>ARNTL</i>
<i>LDHA</i>	chr11	18415935	18429972	protein_coding	ENSG00000134333	<i>LDHA</i>
<i>WT1</i>	chr11	32409321	32457176	protein_coding	ENSG00000184937	<i>WT1</i>
<i>CAT</i>	chr11	34460472	34493609	protein_coding	ENSG00000121691	<i>CAT</i>
<i>STIP1</i>	chr11	63952744	63972015	protein_coding	ENSG00000168439	<i>STIP1</i>
<i>MEN1</i>	chr11	64570982	64578766	protein_coding	ENSG00000133895	<i>MEN1</i>
<i>MALAT1</i>	chr11	65265233	65273940	lincRNA	ENSG00000251562	<i>MALAT1</i>
<i>CCND1</i>	chr11	69455855	69469242	protein_coding	ENSG00000110092	<i>CCND1</i>
<i>CTTN</i>	chr11	70244510	70282690	protein_coding	ENSG00000085733	<i>CTTN</i>
<i>EED</i>	chr11	85955586	85989855	protein_coding	ENSG00000074266	<i>EED</i>
<i>MED17</i>	chr11	93517393	93547861	protein_coding	ENSG00000042429	<i>MED17</i>
<i>ATM</i>	chr11	108093211	108239829	protein_coding	ENSG00000149311	<i>ATM</i>
<i>CBL</i>	chr11	119076752	119178859	protein_coding	ENSG00000110395	<i>CBL</i>
<i>ARHGEF12</i>	chr11	120207787	120360645	protein_coding	ENSG00000196914	<i>ARHGEF12</i>
<i>HSPA8</i>	chr11	122928197	122933938	protein_coding	ENSG00000109971	<i>HSPA8</i>
<i>ACAD8</i>	chr11	134123389	134135749	protein_coding	ENSG00000151498	<i>ACAD8</i>
<i>KDM5A</i>	chr12	389295	498620	protein_coding	ENSG00000073614	<i>KDM5A</i>
<i>CCND2</i>	chr12	4382938	4414516	protein_coding	ENSG00000118971	<i>CCND2</i>
<i>CDKN1B</i>	chr12	12867992	12875305	protein_coding	ENSG00000111276	<i>CDKN1B</i>
<i>ATF7IP</i>	chr12	14518610	14651697	protein_coding	ENSG00000171681	<i>ATF7IP</i>
<i>KRAS</i>	chr12	25357723	25403870	protein_coding	ENSG00000133703	<i>KRAS</i>
<i>ARID2</i>	chr12	46123448	46301823	protein_coding	ENSG00000189079	<i>ARID2</i>
<i>KMT2D</i>	chr12	49412758	49453557	protein_coding	ENSG00000167548	<i>KMT2D</i>
<i>ACVR1B</i>	chr12	52345451	52390862	protein_coding	ENSG00000135503	<i>ACVR1B</i>
<i>CDK4</i>	chr12	58141510	58149796	protein_coding	ENSG00000135446	<i>CDK4</i>
<i>LRIG3</i>	chr12	59265931	59314303	protein_coding	ENSG00000139263	<i>LRIG3</i>
<i>NUP107</i>	chr12	69080514	69136785	protein_coding	ENSG00000111581	<i>NUP107</i>
<i>MDM2</i>	chr12	69201956	69239214	protein_coding	ENSG00000135679	<i>MDM2</i>
<i>USP44</i>	chr12	95910336	95945266	protein_coding	ENSG00000136014	<i>USP44</i>
<i>NTN4</i>	chr12	96051583	96184930	protein_coding	ENSG00000074527	<i>NTN4</i>
<i>PTPN11</i>	chr12	112856155	112947717	protein_coding	ENSG00000179295	<i>PTPN11</i>
<i>TBX3</i>	chr12	115108059	115121969	protein_coding	ENSG00000135111	<i>TBX3</i>
<i>BCL7A</i>	chr12	122457328	122499948	protein_coding	ENSG00000110987	<i>BCL7A</i>
<i>TMEM132C</i>	chr12	128751948	129192460	protein_coding	ENSG00000181234	<i>TMEM132C</i>
<i>ZMYM2</i>	chr13	20532810	20665968	protein_coding	ENSG00000121741	<i>ZMYM2</i>
<i>ELF1</i>	chr13	41506056	41635576	protein_coding	ENSG00000120690	<i>ELF1</i>
<i>LCP1</i>	chr13	46700055	46786006	protein_coding	ENSG00000136167	<i>LCP1</i>
<i>RBI</i>	chr13	48877887	49056122	protein_coding	ENSG00000139687	<i>RBI</i>
<i>GPC5</i>	chr13	92050929	93519490	protein_coding	ENSG00000179399	<i>GPC5</i>
<i>IRS2</i>	chr13	110406184	110438915	protein_coding	ENSG00000185950	<i>IRS2</i>
<i>TFDP1</i>	chr13	114239013	114295785	protein_coding	ENSG00000198176	<i>TFDP1</i>
<i>NFATC4</i>	chr14	24834879	24848810	protein_coding	ENSG00000100968	<i>NFATC4</i>
<i>PSMA6</i>	chr14	35747839	35786699	protein_coding	ENSG00000100902	<i>PSMA6</i>
<i>NKX2-1</i>	chr14	36985602	36990354	protein_coding	ENSG00000136352	<i>NKX2-1</i>
<i>FOXA1</i>	chr14	38059189	38069245	protein_coding	ENSG00000129514	<i>FOXA1</i>
<i>FANCM</i>	chr14	45605143	45670093	protein_coding	ENSG00000187790	<i>FANCM</i>
<i>GNG2</i>	chr14	52292913	52446060	protein_coding	ENSG00000186469	<i>GNG2</i>
<i>HIF1A</i>	chr14	62162231	62214976	protein_coding	ENSG00000100644	<i>HIF1A</i>
<i>MAX</i>	chr14	65472892	65569413	protein_coding	ENSG00000125952	<i>MAX</i>

<i>GOLGA5</i>	chr14	93260576	93306308	protein_coding	ENSG00000066455	<i>GOLGA5</i>
<i>PPP2R5C</i>	chr14	102228135	102394326	protein_coding	ENSG00000078304	<i>PPP2R5C</i>
<i>HSP90AA1</i>	chr14	102547075	102606036	protein_coding	ENSG00000080824	<i>HSP90AA1</i>
<i>AKT1</i>	chr14	105235686	105262088	protein_coding	ENSG00000142208	<i>AKT1</i>
<i>AQR</i>	chr15	35147732	35262040	protein_coding	ENSG00000021776	<i>AQR</i>
<i>CASC5</i>	chr15	40886218	40956540	protein_coding	ENSG00000137812	<i>CASC5</i>
<i>MGA</i>	chr15	41913422	42062141	protein_coding	ENSG00000174197	<i>MGA</i>
<i>TP53BP1</i>	chr15	43699407	43802926	protein_coding	ENSG00000067369	<i>TP53BP1</i>
<i>B2M</i>	chr15	45003675	45011075	protein_coding	ENSG00000166710	<i>B2M</i>
<i>COPS2</i>	chr15	49398268	49447858	protein_coding	ENSG00000166200	<i>COPS2</i>
<i>TCF12</i>	chr15	57210821	57591479	protein_coding	ENSG00000140262	<i>TCF12</i>
<i>ADAM10</i>	chr15	58887403	59042177	protein_coding	ENSG00000137845	<i>ADAM10</i>
<i>MAP2K1</i>	chr15	66679155	66784650	protein_coding	ENSG00000169032	<i>MAP2K1</i>
<i>SIN3A</i>	chr15	75661720	75748183	protein_coding	ENSG00000169375	<i>SIN3A</i>
<i>IREB2</i>	chr15	78729773	78793798	protein_coding	ENSG00000136381	<i>IREB2</i>
<i>BLM</i>	chr15	91260558	91358859	protein_coding	ENSG00000197299	<i>BLM</i>
<i>IGF1R</i>	chr15	99192200	99507759	protein_coding	ENSG00000140443	<i>IGF1R</i>
<i>PCSK6</i>	chr15	101840818	102065405	protein_coding	ENSG00000140479	<i>PCSK6</i>
<i>CREBBP</i>	chr16	3775055	3930727	protein_coding	ENSG00000005339	<i>CREBBP</i>
<i>GRIN2A</i>	chr16	9852376	10276611	protein_coding	ENSG00000183454	<i>GRIN2A</i>
<i>TAOK2</i>	chr16	29984962	30003582	protein_coding	ENSG00000149930	<i>TAOK2</i>
<i>CYLD</i>	chr16	50775961	50835846	protein_coding	ENSG00000083799	<i>CYLD</i>
<i>MMP2</i>	chr16	55423612	55540603	protein_coding	ENSG00000087245	<i>MMP2</i>
<i>CTCF</i>	chr16	67596310	67673086	protein_coding	ENSG00000102974	<i>CTCF</i>
<i>CDH1</i>	chr16	68771128	68869451	protein_coding	ENSG00000039068	<i>CDH1</i>
<i>CMTR2</i>	chr16	71315292	71323618	protein_coding	ENSG00000180917	<i>CMTR2</i>
<i>ZFH3</i>	chr16	72816784	73093597	protein_coding	ENSG00000140836	<i>ZFH3</i>
<i>RFWD3</i>	chr16	74655292	74700779	protein_coding	ENSG00000168411	<i>RFWD3</i>
<i>KARS</i>	chr16	75661622	75682541	protein_coding	ENSG00000065427	<i>KARS</i>
<i>PRPF8</i>	chr17	1553923	1588176	protein_coding	ENSG00000174231	<i>PRPF8</i>
<i>TP53</i>	chr17	7565097	7590856	protein_coding	ENSG00000141510	<i>TP53</i>
<i>CHD3</i>	chr17	7788124	7816078	protein_coding	ENSG00000170004	<i>CHD3</i>
<i>MYH10</i>	chr17	8377523	8534079	protein_coding	ENSG00000133026	<i>MYH10</i>
<i>MAP2K4</i>	chr17	11924141	12047147	protein_coding	ENSG00000065559	<i>MAP2K4</i>
<i>NCOR1</i>	chr17	15932471	16121499	protein_coding	ENSG00000141027	<i>NCOR1</i>
<i>SHMT1</i>	chr17	18231187	18266856	protein_coding	ENSG00000176974	<i>SHMT1</i>
<i>TAOK1</i>	chr17	27717482	27878922	protein_coding	ENSG00000160551	<i>TAOK1</i>
<i>NF1</i>	chr17	29421945	29709134	protein_coding	ENSG00000196712	<i>NF1</i>
<i>SUZ12</i>	chr17	30264037	30328064	protein_coding	ENSG00000178691	<i>SUZ12</i>
<i>PSMD11</i>	chr17	30771279	30810336	protein_coding	ENSG00000108671	<i>PSMD11</i>
<i>CDK12</i>	chr17	37617764	37721160	protein_coding	ENSG00000167258	<i>CDK12</i>
<i>ERBB2</i>	chr17	37844167	37886679	protein_coding	ENSG00000141736	<i>ERBB2</i>
<i>MED24</i>	chr17	38175350	38217468	protein_coding	ENSG00000008838	<i>MED24</i>
<i>EFTUD2</i>	chr17	42927311	42977030	protein_coding	ENSG00000108883	<i>EFTUD2</i>
<i>COL1A1</i>	chr17	48260650	48278993	protein_coding	ENSG00000108821	<i>COL1A1</i>
<i>HLF</i>	chr17	53342373	53402426	protein_coding	ENSG00000108924	<i>HLF</i>
<i>MIR21</i>	chr17	57918627	57918698	miRNA	ENSG00000199004	<i>MIR21</i>
<i>TUBD1</i>	chr17	57936851	57970304	protein_coding	ENSG00000108423	<i>TUBD1</i>
<i>DDX5</i>	chr17	62495734	62504317	protein_coding	ENSG00000108654	<i>DDX5</i>
<i>AXIN2</i>	chr17	63524681	63557765	protein_coding	ENSG00000168646	<i>AXIN2</i>
<i>SOX9</i>	chr17	70117161	70122561	protein_coding	ENSG00000125398	<i>SOX9</i>
<i>ACTG1</i>	chr17	79476997	79490873	protein_coding	ENSG00000184009	<i>ACTG1</i>
<i>YES1</i>	chr18	721588	812547	protein_coding	ENSG00000176105	<i>YES1</i>
<i>SMAD2</i>	chr18	45357922	45457515	protein_coding	ENSG00000175387	<i>SMAD2</i>
<i>SMAD4</i>	chr18	48494410	48611415	protein_coding	ENSG00000141646	<i>SMAD4</i>
<i>TCF4</i>	chr18	52889562	53332018	protein_coding	ENSG00000196628	<i>TCF4</i>
<i>NEDD4L</i>	chr18	55711599	56068772	protein_coding	ENSG00000049759	<i>NEDD4L</i>
<i>STK11</i>	chr19	1189406	1228428	protein_coding	ENSG00000118046	<i>STK11</i>
<i>DOT1L</i>	chr19	2164148	2232577	protein_coding	ENSG00000104885	<i>DOT1L</i>
<i>MAP2K2</i>	chr19	4090319	4124126	protein_coding	ENSG00000126934	<i>MAP2K2</i>
<i>MUC16</i>	chr19	8959520	9092018	protein_coding	ENSG00000181143	<i>MUC16</i>
<i>KEAP1</i>	chr19	10596796	10614417	protein_coding	ENSG00000079999	<i>KEAP1</i>
<i>CARM1</i>	chr19	10982189	11033453	protein_coding	ENSG00000142453	<i>CARM1</i>
<i>SMARCA4</i>	chr19	11071598	11176071	protein_coding	ENSG00000127616	<i>SMARCA4</i>
<i>ZNF799</i>	chr19	12500830	12512085	protein_coding	ENSG00000196466	<i>ZNF799</i>
<i>CCNE1</i>	chr19	30302805	30315215	protein_coding	ENSG00000105173	<i>CCNE1</i>
<i>SBSN</i>	chr19	36014269	36019253	protein_coding	ENSG00000189001	<i>SBSN</i>

<i>MAP4K1</i>	chr19	39078281	39109522	protein_coding	ENSG00000104814	<i>MAP4K1</i>
<i>CAPN12</i>	chr19	39220827	39260544	protein_coding	ENSG00000182472	<i>CAPN12</i>
<i>CIC</i>	chr19	42772689	42799949	protein_coding	ENSG00000079432	<i>CIC</i>
<i>ERCC2</i>	chr19	45853095	45874176	protein_coding	ENSG00000104884	<i>ERCC2</i>
<i>ARHGAP35</i>	chr19	47421933	47508334	protein_coding	ENSG00000160007	<i>ARHGAP35</i>
<i>TPRX1</i>	chr19	48304500	48322308	protein_coding	ENSG00000178928	<i>TPRX1</i>
<i>PPP2R1A</i>	chr19	52693292	52730687	protein_coding	ENSG00000105568	<i>PPP2R1A</i>
<i>CNOT3</i>	chr19	54641444	54659419	protein_coding	ENSG00000088038	<i>CNOT3</i>
<i>PEG3</i>	chr19	57321445	57352096	protein_coding	ENSG00000198300	<i>PEG3</i>
<i>ZNF814</i>	chr19	58360099	58400442	protein_coding	ENSG00000204514	<i>ZNF814</i>
<i>SIRPA</i>	chr20	1875154	1920543	protein_coding	ENSG00000198053	<i>SIRPA</i>
<i>CRNKL1</i>	chr20	20015012	20036690	protein_coding	ENSG00000101343	<i>CRNKL1</i>
<i>CST1</i>	chr20	23728190	23731905	protein_coding	ENSG00000170373	<i>CST1</i>
<i>BCL2L1</i>	chr20	30252255	30311792	protein_coding	ENSG00000171552	<i>BCL2L1</i>
<i>PTPRT</i>	chr20	40701392	41818610	protein_coding	ENSG00000196090	<i>PTPRT</i>
<i>STK4</i>	chr20	43595115	43708600	protein_coding	ENSG00000101109	<i>STK4</i>
<i>SDC4</i>	chr20	43953928	43977064	protein_coding	ENSG00000124145	<i>SDC4</i>
<i>CDH22</i>	chr20	44802372	44937137	protein_coding	ENSG00000149654	<i>CDH22</i>
<i>ARFGEF2</i>	chr20	47538427	47653230	protein_coding	ENSG00000124198	<i>ARFGEF2</i>
<i>ZNF217</i>	chr20	52183604	52226446	protein_coding	ENSG00000171940	<i>ZNF217</i>
<i>ARFGAP1</i>	chr20	61904137	61921142	protein_coding	ENSG00000101199	<i>ARFGAP1</i>
<i>PTK6</i>	chr20	62159778	62168723	protein_coding	ENSG00000101213	<i>PTK6</i>
<i>TPTE</i>	chr21	10906201	11029719	protein_coding	ENSG00000166157	<i>TPTE</i>
<i>BAGE2</i>	chr21	10996026	11098980	pseudogene	ENSG00000187172	<i>BAGE2</i>
<i>ITSN1</i>	chr21	35014706	35272165	protein_coding	ENSG00000205726	<i>ITSN1</i>
<i>BRWD1</i>	chr21	40556102	40693485	protein_coding	ENSG00000185658	<i>BRWD1</i>
<i>U2AF1</i>	chr21	44513066	44527697	protein_coding	ENSG00000160201	<i>U2AF1</i>
<i>POTEH</i>	chr22	16256441	16287937	protein_coding	ENSG00000198062	<i>POTEH</i>
<i>CRKL</i>	chr22	21271714	21308037	protein_coding	ENSG00000099942	<i>CRKL</i>
<i>MAPK1</i>	chr22	22108789	22221970	protein_coding	ENSG00000100030	<i>MAPK1</i>
<i>CHEK2</i>	chr22	29083731	29138410	protein_coding	ENSG00000183765	<i>CHEK2</i>
<i>NF2</i>	chr22	29999545	30094587	protein_coding	ENSG00000186575	<i>NF2</i>
<i>TOM1</i>	chr22	35695268	35743985	protein_coding	ENSG00000100284	<i>TOM1</i>
<i>MKLI</i>	chr22	40806285	41032706	protein_coding	ENSG00000196588	<i>MKLI</i>
<i>EP300</i>	chr22	41487790	41576081	protein_coding	ENSG00000100393	<i>EP300</i>
<i>ATP6AP2</i>	chrX	40440146	40465889	protein_coding	ENSG00000182220	<i>ATP6AP2</i>
<i>DDX3X</i>	chrX	41192651	41223725	protein_coding	ENSG00000215301	<i>DDX3X</i>
<i>KDM6A</i>	chrX	44732757	44971847	protein_coding	ENSG00000147050	<i>KDM6A</i>
<i>RBM10</i>	chrX	47004268	47046212	protein_coding	ENSG00000182872	<i>RBM10</i>
<i>ARAF</i>	chrX	47420516	47431307	protein_coding	ENSG00000078061	<i>ARAF</i>
<i>KDM5C</i>	chrX	53220503	53254604	protein_coding	ENSG00000126012	<i>KDM5C</i>
<i>IQSEC2</i>	chrX	53262058	53350522	protein_coding	ENSG00000124313	<i>IQSEC2</i>
<i>SMC1A</i>	chrX	53401070	53449677	protein_coding	ENSG00000072501	<i>SMC1A</i>
<i>UPF3B</i>	chrX	118967985	118986961	protein_coding	ENSG00000125351	<i>UPF3B</i>
<i>PHF6</i>	chrX	133507283	133562820	protein_coding	ENSG00000156531	<i>PHF6</i>
<i>ARHGEF6</i>	chrX	135747706	135864247	protein_coding	ENSG00000129675	<i>ARHGEF6</i>
<i>FMR1</i>	chrX	146993469	147032645	protein_coding	ENSG00000102081	<i>FMR1</i>

**Supplementary Table 11. Pathway enrichment analysis of NSCLC genes.**

<b>ID</b>	<b>Description</b>	<b>GeneRatio</b>	<b>BgRatio</b>	<b>P</b>	<b>P<sub>adj</sub></b>	<b>geneID</b>	<b>Count</b>
202427	Phosphorylation of CD3 and TCR zeta chains	13/244	20/6748	8.16E-15	5.61E-12	915/916/917/1445/3113/3115/3117/3118/3119/3120/3122/3123/3127	13
202430	Translocation of ZAP-70 to Immunological synapse	12/244	18/6748	5.86E-14	2.02E-11	915/916/917/3113/3115/3117/3118/3119/3120/3122/3123/3127	12
389948	PD-1 signaling	13/244	23/6748	1.09E-13	2.51E-11	915/916/917/1445/3113/3115/3117/3118/3119/3120/3122/3123/3127	13
913531	Interferon Signaling	29/244	177/6748	4.14E-12	7.12E-10	3105/3106/3107/3113/3115/3117/3118/3119/3120/3122/3123/3127/3133/3134/3135/ 3447/3449/3451/3452/3441/3442/3456/3838/3841/5696/7726/11074/25939/10475	29
877300	Interferon gamma signaling	18/244	76/6748	1.15E-10	1.58E-08	3105/3106/3107/3113/3115/3117/3118/3119/3120/3122/3123/3127/3133/3134/3135/ 7726/11074/10475	18
202433	Generation of second messenger molecules	12/244	31/6748	2.93E-10	3.36E-08	915/916/917/3113/3115/3117/3118/3119/3120/3122/3123/3127	12
983170	Antigen Presentation: Folding, assembly and peptide loading of class I MHC	10/244	24/6748	4.00E-09	3.93E-07	3105/3106/3107/3133/3134/3135/6890/6891/6892/2923	10
909733	Interferon alpha/beta signaling	15/244	68/6748	1.23E-08	1.06E-06	3105/3106/3107/3133/3134/3135/3447/3449/3451/3452/3441/3442/3456/5696/25939	15
1280218	Adaptive Immune System	40/244	430/6748	1.97E-08	1.51E-06	120425/162/915/916/917/1445/3105/3106/3107/3108/3109/3111/3112/3113/3115/31 17/3118/3119/3120/3122/3123/3127/3133/3134/3135/100507436/4277/3164/3084/56 85/5696/5698/5718/6890/6891/6892/1956/3796/2252/2923	40
1280215	Cytokine Signaling in Immune system	31/244	284/6748	2.48E-08	1.71E-06	3105/3106/3107/3113/3115/3117/3118/3119/3120/3122/3123/3127/3133/3134/3135/ 3447/3449/3451/3452/3441/3442/3456/3838/3841/5696/2185/7726/11074/25939/677 7/10475	31
388841	Costimulation by the CD28 family	13/244	54/6748	3.88E-08	2.43E-06	915/916/917/1445/3113/3115/3117/3118/3119/3120/3122/3123/3127	13
1236974	ER-Phagosome pathway	14/244	64/6748	4.29E-08	2.46E-06	3105/3106/3107/3133/3134/3135/5685/5696/5698/5718/6890/6891/6892/2923	14
202424	Downstream TCR signaling	12/244	47/6748	6.47E-08	3.43E-06	915/916/917/3113/3115/3117/3118/3119/3120/3122/3123/3127	12
202403	TCR signaling	13/244	64/6748	3.33E-07	1.64E-05	915/916/917/1445/3113/3115/3117/3118/3119/3120/3122/3123/3127	13
629597	Highly calcium permeable nicotinic acetylcholine receptors	6/244	10/6748	3.91E-07	1.79E-05	1135/1136/1138/1143/1137/1141	6
1236975	Antigen processing-Cross presentation	14/244	77/6748	4.95E-07	2.13E-05	3105/3106/3107/3133/3134/3135/5685/5696/5698/5718/6890/6891/6892/2923	14
2132295	MHC class II antigen presentation	15/244	89/6748	5.37E-07	2.17E-05	162/3108/3109/3111/3112/3113/3115/3117/3118/3119/3120/3122/3123/3127/3796	15
629594	Highly calcium permeable postsynaptic nicotinic acetylcholine receptors	6/244	12/6748	1.62E-06	6.19E-05	1135/1136/1138/1143/1137/1141	6
622323	Presynaptic nicotinic acetylcholine receptors	6/244	13/6748	2.91E-06	1.06E-04	1135/1136/1138/1143/1137/1141	6
198933	Immunoregulatory interactions between a Lymphoid and a non-Lymphoid cell	12/244	68/6748	4.59E-06	1.58E-04	120425/915/916/917/3105/3106/3107/3133/3134/3135/100507436/4277	12
983169	Class I MHC mediated antigen processing & presentation	14/244	93/6748	5.21E-06	1.71E-04	3105/3106/3107/3133/3134/3135/5685/5696/5698/5718/6890/6891/6892/2923	14
181431	Acetylcholine Binding And Downstream Events	6/244	15/6748	8.00E-06	2.29E-04	1135/1136/1138/1143/1137/1141	6
622327	Postsynaptic nicotinic acetylcholine receptors	6/244	15/6748	8.00E-06	2.29E-04	1135/1136/1138/1143/1137/1141	6
629602	Activation of Nicotinic Acetylcholine Receptors	6/244	15/6748	8.00E-06	2.29E-04	1135/1136/1138/1143/1137/1141	6
912694	Regulation of IFNA signaling	7/244	26/6748	2.71E-05	7.45E-04	3447/3449/3451/3452/3441/3442/3456	7
933541	TRAF6 mediated IRF7 activation	7/244	29/6748	5.85E-05	1.55E-03	3447/3449/3451/3452/3441/3442/3456	7
73888	Homologous Recombination Repair	5/244	16/6748	1.87E-04	4.59E-03	675/3014/9656/5893/7158	5

73951	Homologous recombination repair of replication-independent double-strand breaks	5/244	16/6748	1.87E-04	4.59E-03	675/3014/9656/5893/7158	5
73890	Double-Strand Break Repair	5/244	21/6748	7.50E-04	1.78E-02	675/3014/9656/5893/7158	5

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**Supplementary Table 12. Pathway enrichment analysis of lung AD genes.**

<b>ID</b>	<b>Description</b>	<b>GeneRatio</b>	<b>BgRatio</b>	<b>P</b>	<b>P<sub>adj</sub></b>	<b>geneID</b>	<b>Count</b>
202430	Translocation of ZAP-70 to Immunological synapse	10/93	18/6748	6.03E-15	2.58E-12	915/916/917/3113/3115/3117/3118/3119/3120/3123	10
202427	Phosphorylation of CD3 and TCR zeta chains	10/93	20/6748	2.49E-14	5.33E-12	915/916/917/3113/3115/3117/3118/3119/3120/3123	10
389948	PD-1 signaling	10/93	23/6748	1.49E-13	2.13E-11	915/916/917/3113/3115/3117/3118/3119/3120/3123	10
202433	Generation of second messenger molecules	10/93	31/6748	5.28E-12	5.65E-10	915/916/917/3113/3115/3117/3118/3119/3120/3123	10
913531	Interferon Signaling	17/93	177/6748	1.86E-10	1.59E-08	3113/3115/3117/3118/3119/3120/3123/3447/3449/3451/3452/3441/3442/3456/5696/3838/25939	17
202424	Downstream TCR signaling	10/93	47/6748	5.14E-10	3.67E-08	915/916/917/3113/3115/3117/3118/3119/3120/3123	10
1280218	Adaptive Immune System	24/93	430/6748	1.92E-09	1.08E-07	120425/915/916/917/3108/3109/3111/3112/3113/3115/3117/3118/3119/3120/3123/3084/5696/5698/6890/6891/6892/1956/3796/2252	24
388841	Costimulation by the CD28 family	10/93	54/6748	2.20E-09	1.08E-07	915/916/917/3113/3115/3117/3118/3119/3120/3123	10
2132295	MHC class II antigen presentation	12/93	89/6748	2.27E-09	1.08E-07	3108/3109/3111/3112/3113/3115/3117/3118/3119/3120/3123/3796	12
202403	TCR signaling	10/93	64/6748	1.24E-08	5.32E-07	915/916/917/3113/3115/3117/3118/3119/3120/3123	10
912694	Regulation of IFNA signaling	7/93	26/6748	4.00E-08	1.50E-06	3447/3449/3451/3452/3441/3442/3456	7
1280215	Cytokine Signaling in Immune system	18/93	284/6748	4.20E-08	1.50E-06	3113/3115/3117/3118/3119/3120/3123/3447/3449/3451/3452/3441/3442/3456/5696/3838/6777/25939	18
933541	TRAF6 mediated IRF7 activation	7/93	29/6748	9.17E-08	3.02E-06	3447/3449/3451/3452/3441/3442/3456	7
909733	Interferon alpha/beta signaling	9/93	68/6748	3.06E-07	9.36E-06	3447/3449/3451/3452/3441/3442/3456/5696/25939	9
168928	RIG-I/MDA5 mediated induction of IFN-alpha/beta pathways	8/93	65/6748	2.55E-06	7.27E-05	3447/3449/3451/3452/3441/3442/3456/841	8
983231	Factors involved in megakaryocyte development and platelet production	9/93	122/6748	4.12E-05	1.10E-03	3447/3449/3451/3452/3441/3442/3456/3833/3796	9
877300	Interferon gamma signaling	7/93	76/6748	7.59E-05	1.91E-03	3113/3115/3117/3118/3119/3120/3123	7
1236974	ER-Phagosome pathway	5/93	64/6748	1.79E-03	4.26E-02	5696/5698/6890/6891/6892	5

**Supplementary Table 13. Pathway enrichment analysis of lung SqCC genes.**

<b>ID</b>	<b>Description</b>	<b>GeneRatio</b>	<b>BgRatio</b>	<b>P</b>	<b>P<sub>adj</sub></b>	<b>geneID</b>	<b>Count</b>
73888	Homologous Recombination Repair	4/47	16/6748	3.54E-06	3.18E-04	675/9656/5893/7158	4
73951	Homologous recombination repair of replication-independent double-strand	4/47	16/6748	3.54E-06	3.18E-04	675/9656/5893/7158	4
73890	Double-Strand Break Repair	4/47	21/6748	1.13E-05	6.80E-04	675/9656/5893/7158	4
983170	Antigen Presentation: Folding, assembly and peptide loading of class I MHC	4/47	24/6748	1.98E-05	8.92E-04	3106/3107/3133/2923	4
877300	Interferon gamma signaling	5/47	76/6748	1.68E-04	6.06E-03	3106/3107/3133/11074/10475	5
1236974	ER-Phagosome pathway	4/47	64/6748	9.67E-04	2.90E-02	3106/3107/3133/2923	4
198933	Immunoregulatory interactions between a Lymphoid and a non-Lymphoid	4/47	68/6748	1.21E-03	3.12E-02	3106/3107/3133/100507436	4
1236975	Antigen processing-Cross presentation	4/47	77/6748	1.93E-03	4.12E-02	3106/3107/3133/2923	4
629597	Highly calcium permeable nicotinic acetylcholine receptors	2/47	10/6748	2.06E-03	4.12E-02	1137/1141	2
73894	DNA Repair	5/47	141/6748	2.81E-03	4.91E-02	675/9656/5893/5395/7158	5
629594	Highly calcium permeable postsynaptic nicotinic acetylcholine receptors	2/47	12/6748	3.00E-03	4.91E-02	1137/1141	2