

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Table S2: miRNA annotation results in Mouse chromosome 7														
miRNAs with pre-capped clusters														
1	mi_name	mi_chrom	mi_strand	mi_start	mi_end	confidence	mature_miRNA	pre-miRNA	pre_cap	pre_pvalue	pre_TSS	pre_TSS_position	pre_TSS_reads_number	pre_TSS_pvalue
2	1	mmu-mir-344e	-	6173537	6173562	0	None	1	7	1.42e-14	0			
3	2	mmu-mir-344f	-	62046181	62046248	1	5p	1	158	<2.2e-308	0			
4	3	ENSMUSG00000094304	-	62078718	62078805	0	None	1	1	5.09e-03	0			
5	4	ENSMUSG00000077022	+	61804152	61804161	0	None	1	1	1.76e-07	0			
6	5	mmu-mir-344c	-	61837311	61837402	1	3p	1	26	9.52e-57	1	61860410	3	9.30e-08
7	6	mmu-mir-344d.3	-	61726249	61726328	1	3p	1	19	4.53e-40	0			
8	7	mmu-mir-344d.2	-	61685272	61685351	0	3p	1	7	1.13e-16	0			
9	8	ENSMUSG00000093170	-	61750468	61750537	0	None	1	12	1.37e-27	0			
10	9	mmu-mir-344.1	-	61877770	61877864	1	3p	1	91	3.58e-197	0			
11	10	mmu-mir-344	-	62085223	62085310	0	5p	1	5	6.90e-12	0			
12												62170385,62209568,62230354,62240611,62406855	2,57,2,1,10	1.30e-05,3.02e-112,1.56e-05,2.55e-03,1.13e-23
miRNAs with candidate primary TSSs														
13	mi_name	mi_chrom	mi_strand	mi_start	mi_end	pre-miRNA	cap	pre_cap_reads	pre_cap_p	pre_TSS	pre_TSS_position	pre_TSS_reads_number	pre_TSS_pvalue	
14	1	ENSMUSG00000092856	-	54213169	54213385	0				6	5423812,54412530,54420268,54524035,54835567,55145299	57,63,7,1,2,1	2.81e-123,8.18e-131,1.42e-14,2.55e-03,1.30e-05,2.55e-03	
15	2	ENSMUSG00000088354	-	24336340	24336465	0				7	24352125,24360867,24371490,24381642,24399034,24399865,24429918	8,3,9,5,12,6,5	7.31e-19,4.67e-06,6.31e-20,2.78e-12,1.75e-25,1.25e-11,2.18e-10	
16	3	mmu-mir-62.38	-	53891761	53891889	0				1	53927245	3	7.42e-08	
17	4	ENSMUSG00000093388	+	101881184	101881279	0				1	101883778,101884431,101886738,101887036,101887088,101887871	2,38,9,2,2,3	1.27e-02,8.03e-47,5.00e-13,1.27e-02,7.13e-39,7.01e-04	
18	5	mmu-mir-290a	+	3218626	3218708	0				4	3133916,3181070,3181299,3214872	1,252,21,2	2.55e-03,<2.2e-308,5.01e-24,1.30e-05	
19	6	ENSMUSG00000088116	-	11776794	11776898	0				1	117736056	5	2.78e-12	
20	7	ENSMUSG00000099211	+	11517273	11517352	0				5	114984829,114995769,115093984,115123499,115171993	1,1,1,10,1653	2.55e-03,2.55e-03,2.55e-03,1.13e-23,<2.2e-308	
21	8	mmu-mir-297a.1	-	10958437	10958512	0				1	11139474	1	2.55e-03	
22	9	mmu-mir-150	+	45121757	45121821	0				7	45082629,45090806,45091387,45091544,45092449,45103150,45121714	9,14,1,27,4,16,26	2.59e-18,1.12e-21,1.31e-01,9.80e-45,1.44e-05,2.71e-36,3.55e-50	
23	10	ENSMUSG0000007059	+	7949187	7949282	0				1	79938257	1	2.55e-03	
24	11	ENSMUSG00000093125	-	12847814	12847818	0				16	128517529,12852362,128524384,128531278,128532087,128532358,12853368	5,60,27,20,10,2,1,8,1,6,7,3,1,1,8,1	8.80e-11,2.79e-112,2.59e-41,6.32e-35,3.18e-15,1.52e-02,2.55e-03,1.73e-16,5.09e-03,2.79e-12,1.42e-14,7.42e-08,5.09e-03,5.09e-03,4.50e-17,2.27e-02	
25	12	ENSMUSG00000099089	-	54008473	54008580	0				1	54145775	2	1.85e-05	
26	13	ENSMUSG00000080363	+	12826347	12826467	0				2	12829586,128298892	12,36,1	<2.2e-308,5.09e-03	
27	14	ENSMUSG00000093359	+	36302515	36302615	0				7	35875842,35903990,35976991,36069384,36076282,36095908,36118237	6,7,1,14,10,3,7,8,1	1.76e-14,1.13e-16,2.55e-03,1.12e-28,3.13e-20,7.42e-08,<2.2e-308	
28	15	ENSMUSG00000093216	+	36430611	36430700	0				1	36381795	1	2.55e-03	
29	16	ENSMUSG00000076190	+	42958351	42958440	0				9	42488778,42502586,42502586,42692891,42693056,42711534,42741923,42827	38,2,1,15,1,1,16,8,1	2.49e-61,1.30e-05,2.55e-03,5.03e-32,4.00e-02,2.55e-03,5.32e-34,7.31e-19,2.55e-03	
30	17	ENSMUSG00000076445	-	25238632	25238727	0				1	25238744	16,434	<2.2e-308	
31	18	ENSMUSG00000069551	-	107319654	107319763	0				5	107346748,107423957,107567546,107593695,107594035	1,4,22,2,3	2.55e-03,4.47e-10,2.53e-49,1.01e-04,3.42e-07	
32	19	ENSMUSG00000096500	+	11350525	11350525	0				1	11485736,11582487,11604331	33,1,7	3.57e-73,2.55e-03,1.13e-16	
33	20	mmu-mir-344c	-	61837311	61837402	1	2p	9	52e-57	1	61860410	3	9.30e-08	
34	21	ENSMUSG00000096906	+	103581507	103581376	0				1	103583663	6	7.31e-19	
35	22	mmu-mir-3569	+	30589380	30589437	0				3	30587224,30588860,30589151	1,7,60	1.50e-01,8.04e-10,2.15e-109	
36	23	mmu-mir-6389	+	57581061	57581162	0				1	57581061	69,2,31,6	7.50e-149,1.45e-05,7.70e-69,1.76e-14	
37	24	ENSMUSG00000092953	-	5127632	5127715	0				2	5129131,5129429	41,5377	3.63e-68,<2.2e-308	
38	25	ENSMUSG00000098309	+	74235558	74235664	0				7	72952143,74004183,74013858,74017947,74213871	1,1,21,2,39	2.55e-03,5.09e-03,3.44e-43,1.65e-03,3.59e-86	
39	26	ENSMUSG00000095674	+	3589164	3589164	0				1	3579410	8	1.54e-18	
40	27	ENSMUSG00000078961	-	7575759	7575768	0				1	75759209	1	2.55e-03	
41	28	mmu-mir-7a.2	+	78888277	78888373	0				5	78793396,78846558,78848800,78858243,78884307	16,23,11,1,11	7.14e-36,1.34e-47,6.61e-20,5.09e-03,2.07e-25	
42	29	mmu-mir-309	+	6803387	68033970	0				6	6789051,6795443,6792017,672841,6730622,6730708,6744773,6789048	14,9,25,2,48,4,3,4	6.06e-32,4.77e-21,1.20e-35,1.78e-02,2.06e-77,5.84e-05,7.42e-08,4.47e-10	
43	30	ENSMUSG00000077110	+	4752722	4752831	0				1	4762957	1	2.55e-03	
44	31	mmu-mir-210	-	14122184	14122493	0				2	141221725,141228765	13,14	3.90e-23,1.79e-25	
45	32	ENSMUSG0000007902	-	111792920	111793011	0				2	111848577,111944731	16,1	6.06e-32,2.99e-01	
46	33	mmu-mir-344a	-	62085223	62085310	1	5	6.90e-12		3	62170385,62209568,62230354,62240611,62406855	2,7,2,1,1,10	1.30e-05,3.02e-112,1.56e-05,2.55e-03,1.13e-23	
47	34	mmu-mir-724	+	73819300	73819641	0				1	73819300	1,19	4.97e-02,2.18e-42	
48	35	ENSMUSG00000096673	+	17610766	17610875	0				5	17610453,17462674,17540077,17540196,17540325	2,1,10,3,318	1.30e-05,2.55e-03,6.67e-08,4.10e-02,<2.2e-308	
49	36	mmu-mir-6401	+	139779318	139779318	0				8	13960883,139644088,139693539,139719357,139736829,139770283,13977467	1,7,1,184,1,1,1273,13	2.55e-03,1.13e-16,2.55e-03,<2.2e-308,2.55e-03,5.29e-01,<2.2e-308,2.01e-12	
50	37	ENSMUSG00000093153	+	35081910	35081979	0				1	35051505,35055705,35056162,35056746,35080436	1,12,39,91,1	2.31e-01,8.24e-15,9.17e-46,7.74e-174,5.09e-03	