

Table SI. The results of microarray analysis.

ProbeID	Annotation	logFC	Fold change	AvgExpr	AvgHy3	P.Value
42865	hsa-miR-181a-5p	0.61	1.53	0.01	8.02	9.43x10 ⁻⁵
28950	hsa-miR-455-3p	0.53	1.44	-0.38	5.96	2.97x10 ⁻⁵
10952	hsa-miR-146a-5p	0.48	1.39	0.09	6.58	1.83x10 ⁻⁶
10972	hsa-miR-181b-5p	0.46	1.37	0.14	7.36	3.46x10 ⁻⁵
169408	hsa-miR-181d-5p	0.45	1.37	0.01	7.46	2.32x10 ⁻⁶
30787	hsa-miR-125b-5p	0.44	1.36	-0.06	7.12	1.87x10 ⁻⁵
11020	hsa-miR-22-3p	0.37	1.29	0.17	7.83	7.42x10 ⁻⁵
10928	hsa-miR-125a-5p	0.36	1.29	0.05	7.91	3.28x10 ⁻⁴
10306	hsa-miR-146b-5p	0.34	1.27	0.24	6.76	1.07x10 ⁻⁵
11052	hsa-miR-31-5p	0.34	1.26	-0.18	6.07	8.20x10 ⁻⁵
42744	hsa-miR-23a-3p	0.27	1.21	0.06	10.20	5.38x10 ⁻³
169330	hsa-miR-23b-3p	0.25	1.19	0.19	9.62	2.78x10 ⁻²
147506	hsa-miR-21-5p	0.21	1.16	0.15	10.42	6.03x10 ⁻²
147776	hsa-miR-4317	0.21	1.16	-0.17	7.35	6.16x10 ⁻³
147751	hsa-miR-4274	0.20	1.15	0.67	6.65	1.51x10 ⁻¹
145889	hsa-miR-196b-5p	0.20	1.15	0.21	6.46	5.66x10 ⁻³
168870	hsa-miR-1246	0.19	1.14	0.40	10.85	2.23x10 ⁻¹
148682	hsa-miR-483-3p	0.19	1.14	0.10	7.75	3.48x10 ⁻²
145846	hsa-let-7e-5p	0.19	1.14	0.18	7.59	1.93x10 ⁻²
17506	hsa-miR-24-3p	0.18	1.14	0.23	9.32	1.03x10 ⁻¹
42532	hsa-miR-22-5p	0.18	1.13	0.04	6.55	3.36x10 ⁻¹
147616	hsa-miR-4291	0.17	1.13	-0.16	7.01	2.38x10 ⁻²
46206	SNORD44	0.16	1.12	0.28	10.07	7.32x10 ⁻²
17752	hsa-let-7f-5p	0.15	1.11	0.29	7.30	1.08x10 ⁻¹
146008	hsa-miR-26b-5p	0.14	1.10	0.13	7.03	1.20x10 ⁻¹
169376	hsa-miR-5701	0.14	1.10	0.13	10.47	6.40x10 ⁻²
46416	hsa-miR-1293	0.13	1.09	0.61	6.12	1.60x10 ⁻¹
146058	hsv1-miR-H3-3p	0.13	1.09	1.28	6.67	8.22x10 ⁻²
146090	hsv1-miR-H7-3p	0.13	1.09	-0.06	6.39	2.38x10 ⁻¹
168568	hsa-miR-1290	0.12	1.09	-0.22	7.03	5.45x10 ⁻¹
168661	hsa-miR-4531	0.12	1.09	-0.43	6.49	3.83x10 ⁻¹
145647	hsa-miR-584-5p	0.12	1.09	0.36	6.05	1.09x10 ⁻¹
169129	hsa-miR-4284	0.12	1.09	0.26	13.24	2.24x10 ⁻¹
46788	hsa-miR-1299	0.11	1.08	0.23	6.43	8.17x10 ⁻²
46624	hsa-miR-1236-3p	0.11	1.08	0.53	6.29	5.64x10 ⁻²
19007	SNORD3@	0.11	1.08	0.11	11.16	2.64x10 ⁻¹
42502	hsa-miR-204-3p	0.11	1.08	-0.03	7.05	2.13x10 ⁻¹
46483	hsa-miR-27a-3p	0.11	1.08	-0.10	7.08	1.41x10 ⁻¹
46204	SNORD38B	0.11	1.08	0.20	9.04	3.45x10 ⁻¹
42656	kshv-miR-K12-10a-3p	0.10	1.07	1.06	6.81	1.23x10 ⁻¹
169082	hsa-miR-1275	0.10	1.07	-0.04	7.15	3.13x10 ⁻¹
145973	hsa-miR-664a-3p	0.10	1.07	0.32	7.23	1.36x10 ⁻¹

27551	hsa-miR-612	0.09	1.07	0.04	6.08	1.50x10 ⁻¹
168802	hsa-miR-4516	0.09	1.07	-0.04	6.58	6.03x10 ⁻¹
46443	hsa-miR-193a-5p	0.09	1.06	0.41	6.28	4.27x10 ⁻¹
46368	hsa-miR-1282	0.09	1.06	0.73	6.13	2.12x10 ⁻¹
17882	hsa-miR-20b-3p	0.08	1.06	-0.01	6.88	2.54x10 ⁻¹
42570	hsa-miR-194-3p	0.08	1.06	0.18	7.23	1.87x10 ⁻¹
42522	ebv-miR-BART19-3p	0.08	1.06	0.59	6.85	2.32x10 ⁻¹
147162	hsa-let-7a-5p	0.08	1.06	0.30	9.09	4.18x10 ⁻¹
11260	hsa-miR-151a-5p	0.08	1.06	-0.08	6.58	1.76x10 ⁻¹
145838	hsa-miR-125b-1-3p	0.08	1.06	1.43	7.18	2.48x10 ⁻¹
29490	hsa-miR-7-5p	0.08	1.05	0.27	6.29	2.91x10 ⁻¹
17810	hsa-miR-29b-1-5p	0.08	1.05	0.34	6.07	1.96x10 ⁻¹
169182	hsa-miR-4728-3p	0.08	1.05	-0.09	6.50	4.35x10 ⁻¹
169326	hsa-miR-451b	0.07	1.05	-0.09	7.88	6.03x10 ⁻¹
169271	hsa-miR-4784	0.07	1.05	-0.18	6.06	1.77x10 ⁻¹
42504	hsa-miR-593-3p	0.07	1.05	0.76	6.19	4.89x10 ⁻¹
169056	hsa-miR-4669	0.07	1.05	-0.20	6.21	3.39x10 ⁻¹
145843	hsa-miR-330-5p	0.07	1.05	0.96	6.35	3.20x10 ⁻¹
19605	SNORD6	0.07	1.05	-0.17	9.55	3.94x10 ⁻¹
17463	hsa-miR-151a-3p	0.07	1.05	0.03	6.16	2.75x10 ⁻¹
146064	hsa-miR-718	0.07	1.05	1.23	6.84	3.57x10 ⁻¹
10936	hsa-miR-130b-3p	0.07	1.05	0.26	6.73	2.33x10 ⁻¹
148214	hsa-miR-3675-3p	0.07	1.05	0.14	6.62	3.27x10 ⁻¹
10990	hsa-miR-196a-5p	0.07	1.05	0.45	6.94	3.29x10 ⁻¹
169244	hsa-miR-5572	0.06	1.04	0.36	5.90	6.26x10 ⁻¹
46205	SNORD48	0.06	1.04	-0.05	8.92	4.14x10 ⁻¹
168887	hsa-miR-5089-5p	0.06	1.04	-0.17	7.70	3.01x10 ⁻¹
11184	hsa-miR-99b-5p	0.06	1.04	-0.52	6.10	5.94x10 ⁻¹
11182	hsa-miR-98-5p	0.06	1.04	0.15	8.31	4.82x10 ⁻¹
46731	hsa-miR-4657	0.06	1.04	0.10	11.22	4.84x10 ⁻¹
169199	hsa-miR-4518	0.05	1.04	-0.28	6.09	3.82x10 ⁻¹
17858	hsa-miRPlus-A1073	0.05	1.04	1.22	6.95	4.34x10 ⁻¹
148038	hsa-miR-3679-3p	0.05	1.04	0.85	7.10	3.70x10 ⁻¹
42749	hsa-miR-659-3p	0.05	1.04	0.38	6.04	4.71x10 ⁻¹
146042	hsv1-miR-H8-3p	0.05	1.03	0.31	6.26	3.67x10 ⁻¹
147631	hsa-miR-4258	0.05	1.03	0.23	6.20	5.30x10 ⁻¹
169323	hsa-miR-4723-3p	0.05	1.03	0.80	6.65	3.52x10 ⁻¹
46556	hsa-miR-623	0.05	1.03	0.74	6.14	4.32x10 ⁻¹
10967	hsa-miR-16-5p	0.05	1.03	0.40	8.29	5.87x10 ⁻¹
169083	hsa-miR-371b-3p	0.04	1.03	0.25	6.51	4.21x10 ⁻¹
27740	hsa-miR-574-5p	0.04	1.03	0.57	7.29	6.34x10 ⁻¹
148059	hsa-miR-493-5p	0.04	1.03	-0.20	8.19	5.77x10 ⁻¹
147614	hsa-miR-4299	0.04	1.03	-0.10	6.62	5.57x10 ⁻¹
145753	hsa-miR-484	0.04	1.03	0.23	6.21	4.06x10 ⁻¹

168963	hsa-miR-664b-5p	0.04	1.03	0.10	6.47	5.56x10 ⁻¹
14272	hsa-miR-542-3p	0.04	1.03	-0.06	6.20	5.20x10 ⁻¹
147906	hsa-miR-4322	0.04	1.03	-0.35	5.79	8.44x10 ⁻¹
46210	hsa-miR-1249	0.04	1.03	0.83	6.65	5.52x10 ⁻¹
147755	hsa-miR-378c	0.04	1.03	0.91	6.22	6.98x10 ⁻¹
42696	hsa-miR-943	0.04	1.03	1.09	7.05	6.09x10 ⁻¹
168672	hsa-miR-1587	0.04	1.02	0.33	6.47	5.37x10 ⁻¹
147864	hsv2-miR-H24	0.03	1.02	0.19	6.10	5.29x10 ⁻¹
169034	hsa-miR-642b-5p	0.03	1.02	0.29	7.86	6.29x10 ⁻¹
147722	hsa-miR-4306	0.03	1.02	-0.17	6.96	5.79x10 ⁻¹
147907	hsa-miR-4312	0.03	1.02	0.48	6.43	6.57x10 ⁻¹
42793	hsa-miRPlus-A1072	0.03	1.02	-0.38	6.66	8.84x10 ⁻¹
19606	SNORD12	0.03	1.02	0.08	6.89	5.07x10 ⁻¹
19013	SNORD14B	0.03	1.02	-0.02	6.55	5.46x10 ⁻¹
42538	hsa-miR-196a-3p	0.03	1.02	-0.31	6.49	6.42x10 ⁻¹
145845	hsa-miR-20a-5p	0.03	1.02	0.16	7.48	6.57x10 ⁻¹
168995	hsa-miR-4791	0.03	1.02	-0.01	8.78	7.47x10 ⁻¹
146072	hsa-miR-1469	0.03	1.02	-0.35	6.05	7.60x10 ⁻¹
168864	hsa-miR-320d	0.03	1.02	0.11	6.28	6.47x10 ⁻¹
169239	hsa-miR-4732-5p	0.03	1.02	-0.21	6.35	8.64x10 ⁻¹
169159	hsa-miR-4521	0.03	1.02	-0.20	7.04	6.82x10 ⁻¹
148049	hsa-miR-3924	0.03	1.02	-0.04	6.55	6.82x10 ⁻¹
168687	hsa-miR-29a-3p	0.02	1.02	-0.09	7.24	7.10x10 ⁻¹
145675	hsa-miR-501-5p	0.02	1.02	0.32	6.07	7.30x10 ⁻¹
4040	hsa-miR-9-5p	0.02	1.02	0.72	6.35	6.89x10 ⁻¹
42897	ebv-miR-BART15	0.02	1.02	0.65	6.04	7.57x10 ⁻¹
145701	hsa-miR-668-3p	0.02	1.01	0.14	7.22	7.95x10 ⁻¹
148377	hsa-miR-3653	0.02	1.01	0.04	6.97	8.10x10 ⁻¹
145789	hsa-miR-550a-3-5p/hsa-miR-550a-5p	0.02	1.01	0.05	6.79	7.17x10 ⁻¹
10923	hsa-miR-107	0.02	1.01	-0.10	6.87	7.67x10 ⁻¹
168798	hsa-miR-4668-5p	0.02	1.01	0.05	13.20	8.92x10 ⁻¹
169009	hsa-miR-548ap-5p/hsa-miR-548j-5p	0.02	1.01	-0.39	7.80	7.83x10 ⁻¹
10975	hsa-miR-182-5p	0.02	1.01	-0.26	6.33	8.05x10 ⁻¹
147667	hsa-miR-3182	0.02	1.01	0.20	10.62	8.01x10 ⁻¹
168994	hsa-miR-3591-5p	0.02	1.01	-0.13	6.63	7.87x10 ⁻¹
147900	hsv2-miR-H6-3p	0.02	1.01	-0.05	7.07	7.49x10 ⁻¹
147891	hsa-miR-3175	0.01	1.01	-0.03	9.93	8.66x10 ⁻¹
46438	hsa-let-7g-5p	0.01	1.01	0.04	8.10	8.72x10 ⁻¹
148285	hsa-miR-3941	0.01	1.01	-0.17	6.45	8.03x10 ⁻¹
42581	hsa-miR-513a-5p	0.01	1.01	0.06	7.62	8.54x10 ⁻¹
169171	hsa-miR-4436b-5p	0.01	1.01	0.08	6.76	8.64x10 ⁻¹
169380	hsa-miR-3124-3p	0.01	1.01	0.00	8.11	8.98x10 ⁻¹
42750	hsa-miR-636	0.01	1.01	0.02	6.62	8.72x10 ⁻¹
10919	hsa-miR-103a-3p	0.01	1.01	0.05	7.83	8.95x10 ⁻¹

168989	hsa-miR-4447	0.01	1.01	0.34	6.01	9.30x10 ⁻¹
147165	hsa-let-7b-5p	0.01	1.01	0.33	10.52	9.29x10 ⁻¹
19005	SNORD118	0.01	1.01	0.05	7.18	8.91x10 ⁻¹
168768	hsa-miR-4423-5p	0.01	1.01	-0.24	6.51	8.80x10 ⁻¹
11045	hsa-miR-302c-5p	0.01	1.01	-0.32	6.58	9.29x10 ⁻¹
148622	hsa-miR-877-3p	0.01	1.00	0.43	6.65	9.01x10 ⁻¹
168586	hsa-miR-34a-5p	0.01	1.00	0.01	7.12	9.33x10 ⁻¹
169023	hsa-miR-4712-3p	0.01	1.00	-0.28	6.99	9.12x10 ⁻¹
19011	SNORD10	0.01	1.00	0.06	8.89	9.14x10 ⁻¹
18739	hsa-miR-186-5p	0.01	1.00	0.13	6.06	9.21x10 ⁻¹
145968	hsa-let-7d-5p	0.01	1.00	0.08	8.44	9.40x10 ⁻¹
147203	hsa-miR-302a-3p	0.01	1.00	0.08	6.89	9.37x10 ⁻¹
169282	hsa-miR-4290	0.01	1.00	0.25	7.65	9.45x10 ⁻¹
27544	hsa-miR-363-5p	0.00	1.00	-0.03	6.99	9.35x10 ⁻¹
169079	hsa-miR-4667-5p	0.00	1.00	-0.03	7.08	9.49x10 ⁻¹
27533	hsa-miR-320a	0.00	1.00	0.19	7.11	9.43x10 ⁻¹
146005	hsa-miR-3129-5p	0.00	1.00	0.99	6.38	9.52x10 ⁻¹
148495	hsa-miR-3915	0.00	1.00	-0.31	7.08	9.52x10 ⁻¹
17488	kshv-miR-K12-6-3p	0.00	1.00	0.08	6.25	9.80x10 ⁻¹
147975	hsa-miR-487a-5p	0.00	1.00	0.35	6.33	9.59x10 ⁻¹
147806	hsa-miR-3149	0.00	1.00	0.30	6.84	9.61x10 ⁻¹
46789	hsa-miR-513b-5p	0.00	1.00	0.34	6.35	9.74x10 ⁻¹
19008	SNORD2	0.00	1.00	0.19	9.27	9.82x10 ⁻¹
146103	hsa-miR-1913	0.00	1.00	0.19	6.54	9.78x10 ⁻¹
169170	hsa-miR-4472	0.00	1.00	0.61	6.38	9.87x10 ⁻¹
147804	hsv1-miR-H17	0.00	1.00	-0.20	6.68	9.87x10 ⁻¹
10985	hsa-miR-191-5p	0.00	1.00	0.19	7.05	9.93x10 ⁻¹
168964	hsa-miR-4450	0.00	1.00	0.02	6.03	9.92x10 ⁻¹
168805	hsa-miR-4478	0.00	1.00	-0.32	6.34	9.94x10 ⁻¹
14301	hsa-miR-361-5p	0.00	1.00	0.31	6.83	9.96x10 ⁻¹
148379	hsa-miR-3654	0.00	1.00	-0.08	9.13	9.97x10 ⁻¹
28302	hsa-miRPlus-A1015	0.00	1.00	0.30	10.13	9.99x10 ⁻¹
147632	hsa-miR-4297	0.00	1.00	0.13	6.30	1.00x10+0
169137	hsa-miR-4524b-5p	0.00	1.00	-0.61	7.56	9.87x10 ⁻¹
169385	hsa-miR-4500	0.00	1.00	0.14	8.55	9.88x10 ⁻¹
42446	hsa-miR-576-5p	0.00	1.00	-0.08	6.03	9.55x10 ⁻¹
46203	SNORD49A	0.00	1.00	0.12	7.74	9.70x10 ⁻¹
146111	hsa-miR-767-5p	0.00	1.00	-0.15	8.62	9.54x10 ⁻¹
168674	hsa-miR-4716-5p	-0.01	1.00	0.24	6.56	9.34x10 ⁻¹
17302	hsa-miR-578	-0.01	1.00	0.67	6.07	9.33x10 ⁻¹
42490	hsa-miR-505-5p	-0.01	1.00	0.46	6.20	9.16x10 ⁻¹
42492	hsa-miRPlus-A1031	-0.01	1.00	0.70	6.09	9.23x10 ⁻¹
168708	hsa-miR-296-5p	-0.01	1.00	0.39	6.07	8.92x10 ⁻¹
169363	hsa-miR-320c	-0.01	1.00	0.12	6.93	9.08x10 ⁻¹
42514	hsa-miR-937-3p	-0.01	1.00	-0.46	6.42	9.15x10 ⁻¹

19585	hsa-miR-148b-3p	-0.01	0.99	0.21	6.19	8.87x10 ⁻¹
42442	hsa-miR-498	-0.01	0.99	0.11	6.74	9.01x10 ⁻¹
147767	hsa-miR-4279	-0.01	0.99	0.03	7.71	9.23x10 ⁻¹
27565	hsa-miR-423-5p	-0.01	0.99	-0.04	7.05	8.58x10 ⁻¹
148247	hsa-miR-2355-3p	-0.01	0.99	0.04	6.51	8.65x10 ⁻¹
30687	hsa-miR-93-5p	-0.01	0.99	0.23	7.28	8.40x10 ⁻¹
147930	hsa-miR-3144-3p	-0.01	0.99	0.20	6.18	8.33x10 ⁻¹
169311	hsa-miR-4714-5p	-0.01	0.99	-0.32	10.51	8.51x10 ⁻¹
148481	hsa-miR-3646	-0.01	0.99	0.18	9.01	8.87x10 ⁻¹
168769	hsa-miR-5002-5p	-0.01	0.99	-0.04	7.34	8.81x10 ⁻¹
147923	hsa-miR-3142	-0.01	0.99	-0.44	7.05	8.61x10 ⁻¹
168871	hsa-miR-151a-5p/hsa-miR-151b	-0.01	0.99	-0.11	7.01	8.04x10 ⁻¹
29575	hsa-miR-32-3p	-0.01	0.99	0.25	7.58	7.72x10 ⁻¹
169313	hsa-miR-4800-3p	-0.02	0.99	0.27	8.26	9.09x10 ⁻¹
148156	hsa-miR-3686	-0.02	0.99	0.05	7.81	8.46x10 ⁻¹
168776	hsa-miR-4795-3p	-0.02	0.99	-0.41	6.45	8.25x10 ⁻¹
169272	hsa-miR-4419b	-0.02	0.99	-0.05	8.94	7.92x10 ⁻¹
169393	hsa-miR-4747-5p	-0.02	0.99	-0.04	6.68	8.04x10 ⁻¹
17306	ebv-miR-BART12	-0.02	0.99	0.82	6.18	7.79x10 ⁻¹
147790	hsv2-miR-H7-3p	-0.02	0.99	-0.04	6.08	7.78x10 ⁻¹
10946	hsa-miR-141-3p	-0.02	0.99	0.11	6.49	7.49x10 ⁻¹
168640	hsa-miR-4475	-0.02	0.98	-0.38	6.92	8.19x10 ⁻¹
46810	hsa-miR-1827	-0.02	0.98	0.00	7.13	8.02x10 ⁻¹
147604	hsa-miR-4285	-0.02	0.98	-0.31	6.14	6.81x10 ⁻¹
147415	hsa-miR-495-5p	-0.02	0.98	-0.15	6.15	6.23x10 ⁻¹
148420	hsa-miR-3607-3p	-0.03	0.98	-0.14	7.62	6.89x10 ⁻¹
10925	hsa-miR-10b-5p	-0.03	0.98	0.10	6.36	6.72x10 ⁻¹
17898	hsa-miR-99b-3p	-0.03	0.98	0.27	6.59	6.86x10 ⁻¹
17280	hsa-miR-15b-5p	-0.03	0.98	0.21	8.46	7.63x10 ⁻¹
17492	sv40-miR-S1-5p	-0.03	0.98	0.06	6.86	6.94x10 ⁻¹
28966	hsa-miR-574-3p	-0.03	0.98	-0.14	6.75	6.67x10 ⁻¹
169305	hsa-miR-4455	-0.03	0.98	0.18	7.50	6.64x10 ⁻¹
169407	hsa-miR-4301	-0.03	0.98	0.29	12.28	7.27x10 ⁻¹
169183	hsa-miR-4644	-0.03	0.98	-0.24	6.50	8.20x10 ⁻¹
148687	hsa-miR-1908-5p	-0.03	0.98	0.08	6.60	6.73x10 ⁻¹
169015	hsa-miR-4454	-0.03	0.98	0.45	14.31	7.63x10 ⁻¹
17377	hsa-miR-600	-0.03	0.98	-0.19	6.76	7.05x10 ⁻¹
169336	hsa-miR-17-5p	-0.03	0.98	-0.13	7.26	5.85x10 ⁻¹
169375	hsa-miR-660-3p	-0.03	0.98	-0.03	7.59	5.89x10 ⁻¹
168925	hsa-miR-1273g-3p	-0.03	0.98	0.34	11.06	7.06x10 ⁻¹
169028	hsa-miR-4708-3p	-0.03	0.98	0.10	8.23	7.72x10 ⁻¹
46324	hsa-miR-320b	-0.03	0.98	0.00	7.09	5.57x10 ⁻¹
169145	hsa-miR-5000-3p	-0.04	0.98	-0.14	6.87	6.29x10 ⁻¹
42624	kshv-miR-K12-10b	-0.04	0.98	0.96	6.71	5.24x10 ⁻¹

169274	hsa-miR-5196-3p	-0.04	0.98	-0.46	6.54	5.64x10 ⁻¹
42591	hsa-miR-634	-0.04	0.97	-0.09	7.47	4.81x10 ⁻¹
29872	hsa-miR-340-5p	-0.04	0.97	-0.06	7.35	5.89x10 ⁻¹
19603	SNORD13	-0.04	0.97	0.24	9.06	6.13x10 ⁻¹
42730	hsa-miR-423-3p	-0.04	0.97	-0.20	6.69	6.21x10 ⁻¹
169381	hsa-miR-4421	-0.04	0.97	-0.06	7.04	6.56x10 ⁻¹
148418	hsa-miR-3607-5p	-0.04	0.97	-0.11	6.42	4.58x10 ⁻¹
148599	hsa-miR-3680-5p	-0.04	0.97	-0.08	6.78	6.25x10 ⁻¹
10138	hsa-miR-130a-3p	-0.04	0.97	0.15	6.63	4.85x10 ⁻¹
169050	hsa-miR-4787-5p	-0.04	0.97	0.04	8.77	7.01x10 ⁻¹
42640	hsa-miR-20b-5p	-0.04	0.97	-0.22	6.45	4.47x10 ⁻¹
169167	hsa-miR-4451	-0.04	0.97	-0.39	7.33	4.37x10 ⁻¹
169211	hsa-miR-5704	-0.04	0.97	-0.54	8.64	4.53x10 ⁻¹
27720	hsa-miR-15a-5p	-0.04	0.97	0.41	7.23	5.60x10 ⁻¹
146117	hsv1-miR-H6-3p	-0.04	0.97	0.07	7.48	7.23x10 ⁻¹
168935	hsa-miR-4687-3p	-0.04	0.97	0.09	6.15	5.30x10 ⁻¹
148465	hsa-miR-3611	-0.04	0.97	-0.36	6.27	5.19x10 ⁻¹
146098	hsv1-miR-H5-3p	-0.05	0.97	-0.55	6.42	4.58x10 ⁻¹
19604	SNORD4A	-0.05	0.97	0.03	8.27	4.64x10 ⁻¹
19596	hsa-miR-30d-5p	-0.05	0.97	-0.02	6.34	3.93x10 ⁻¹
46380	hsa-miR-1255a	-0.05	0.97	-0.18	7.35	3.84x10 ⁻¹
27537	ebv-miR-BART13-3p	-0.05	0.97	-0.21	6.54	5.70x10 ⁻¹
145666	SNORD110	-0.05	0.97	0.00	8.11	3.50x10 ⁻¹
148261	hsa-miR-208a-5p	-0.05	0.96	0.05	6.48	4.59x10 ⁻¹
168915	hsa-miR-4780	-0.05	0.96	-0.08	7.37	3.82x10 ⁻¹
148085	hsa-miR-3687	-0.06	0.96	-0.11	5.96	3.86x10 ⁻¹
147735	hsa-miR-4289	-0.06	0.96	-0.23	6.17	5.93x10 ⁻¹
168637	hsa-miR-3940-5p	-0.06	0.96	-0.08	7.69	6.74x10 ⁻¹
169316	hsa-miR-3976	-0.06	0.96	-0.14	7.91	5.48x10 ⁻¹
42965	hsa-miR-424-5p	-0.06	0.96	0.15	6.47	3.91x10 ⁻¹
148317	hsa-miR-3621	-0.06	0.96	0.17	6.16	3.64x10 ⁻¹
169169	hsa-miR-5684	-0.06	0.96	0.12	11.48	4.97x10 ⁻¹
46345	hsa-miR-1207-3p	-0.06	0.96	0.98	6.50	4.15x10 ⁻¹
148234	hsa-miR-3667-5p	-0.06	0.96	-0.40	7.16	4.43x10 ⁻¹
145663	SNORD68	-0.06	0.96	0.49	10.31	5.12x10 ⁻¹
147885	kshv-miR-K12-5-5p	-0.06	0.96	-0.21	7.28	4.38x10 ⁻¹
17854	hsa-miR-106b-3p	-0.06	0.96	0.26	6.37	2.44x10 ⁻¹
146159	hsv1-miR-H4-3p	-0.06	0.96	-0.16	10.66	6.26x10 ⁻¹
168869	hsa-miR-5010-3p	-0.06	0.96	0.14	6.05	2.09x10 ⁻¹
148265	hsa-miR-3935	-0.06	0.96	-0.50	6.18	4.53x10 ⁻¹
30033	hsa-miR-877-5p	-0.06	0.96	0.49	6.26	3.42x10 ⁻¹
169285	hsa-miR-4467	-0.06	0.96	0.08	7.99	5.91x10 ⁻¹
168978	hsa-miR-371b-5p	-0.06	0.96	0.01	7.89	5.00x10 ⁻¹
169204	hsa-miR-4709-3p	-0.06	0.96	-0.14	6.58	3.57x10 ⁻¹

148413	hsa-miR-3614-3p	-0.06	0.96	0.32	6.30	3.15x10 ⁻¹
169319	hsa-miR-3136-3p	-0.06	0.96	-0.45	7.50	4.96x10 ⁻¹
42845	hsa-miR-125b-2-3p	-0.06	0.96	-0.16	6.09	5.55x10 ⁻¹
168950	hsa-miR-4646-3p	-0.07	0.96	0.01	6.13	2.63x10 ⁻¹
169320	hsa-miR-4468	-0.07	0.96	-0.07	7.84	5.98x10 ⁻¹
168619	hsa-miR-1260b	-0.07	0.95	0.21	13.94	5.30x10 ⁻¹
46801	hsa-miR-106a-5p	-0.07	0.95	0.00	6.85	3.38x10 ⁻¹
13485	hsa-miR-10a-5p	-0.07	0.95	0.15	6.82	2.94x10 ⁻¹
169358	hsa-miR-4417	-0.07	0.95	-0.08	6.45	2.92x10 ⁻¹
46737	hsa-miR-1265	-0.07	0.95	0.07	6.35	4.10x10 ⁻¹
148327	hsa-miR-3651	-0.07	0.95	0.11	7.88	2.84x10 ⁻¹
168668	hsa-miR-4732-3p	-0.07	0.95	-0.41	6.36	2.44x10 ⁻¹
42783	hsa-miR-197-3p	-0.07	0.95	-0.15	6.57	3.11x10 ⁻¹
147738	hsv2-miR-H20	-0.07	0.95	0.08	6.17	1.64x10 ⁻¹
42682	hsa-miR-25-3p	-0.08	0.95	0.01	6.80	3.29x10 ⁻¹
11164	hsa-miR-519e-3p	-0.08	0.95	-0.29	6.09	1.99x10 ⁻¹
147947	hsa-miR-4308	-0.08	0.95	0.09	6.13	2.80x10 ⁻¹
147820	hsa-miR-3133	-0.08	0.95	-0.38	7.57	4.80x10 ⁻¹
169188	hsa-miR-4443	-0.08	0.95	0.12	10.60	4.09x10 ⁻¹
169214	hsa-miR-4638-5p	-0.08	0.94	-0.33	6.85	2.65x10 ⁻¹
168819	hsa-miR-200a-3p	-0.08	0.94	0.17	7.70	2.27x10 ⁻¹
147199	hsa-miR-27b-3p	-0.08	0.94	-0.08	6.51	2.90x10 ⁻¹
145852	hsa-miR-210-3p	-0.08	0.94	-0.08	6.03	1.98x10 ⁻¹
145693	hsa-miR-92a-3p	-0.09	0.94	0.09	6.88	1.54x10 ⁻¹
168919	hsa-miR-4456	-0.09	0.94	0.18	11.06	4.91x10 ⁻¹
27568	hsa-miR-744-5p	-0.09	0.94	-0.23	6.36	1.21x10 ⁻¹
169130	hsa-miR-4764-3p	-0.10	0.94	-0.18	9.02	3.65x10 ⁻¹
168958	hsa-miR-2681-5p	-0.10	0.93	-0.38	6.95	1.75x10 ⁻¹
145745	hsa-miR-335-3p	-0.10	0.93	-0.11	8.17	2.22x10 ⁻¹
169399	hsa-miR-4750-5p	-0.10	0.93	0.10	6.38	2.76x10 ⁻¹
9938	hsa-let-7i-5p	-0.11	0.93	0.18	7.83	1.35x10 ⁻¹
169189	hsa-miR-4795-5p	-0.11	0.93	-0.37	6.49	3.18x10 ⁻¹
148032	hsa-miR-3685	-0.11	0.93	-0.21	8.58	3.24x10 ⁻¹
11022	hsa-miR-221-3p	-0.11	0.93	0.23	7.61	7.55x10 ⁻²
42887	hsa-miR-331-3p	-0.11	0.93	-0.25	6.04	4.49x10 ⁻²
10987	hsa-miR-193b-3p	-0.11	0.93	0.09	7.13	3.84x10 ⁻¹
168638	hsa-miR-4530	-0.11	0.93	-0.20	6.42	2.20x10 ⁻¹
42571	hsa-miR-129-1-3p	-0.11	0.93	-0.16	7.24	2.65x10 ⁻¹
146113	hsa-miRPlus-G1246-3p	-0.11	0.93	0.15	7.08	1.09x10 ⁻¹
169087	hsa-miR-149-3p	-0.12	0.92	-0.06	6.01	2.70x10 ⁻¹
19582	hsa-miR-106b-5p	-0.12	0.92	-0.03	7.17	1.92x10 ⁻¹
168878	hsa-miR-5100	-0.12	0.92	0.24	14.38	3.13x10 ⁻¹
147942	hsa-miR-4268	-0.12	0.92	0.01	7.06	1.40x10 ⁻¹
168656	hsa-miR-5002-3p	-0.12	0.92	-0.86	7.41	2.54x10 ⁻²

147588	hsa-miR-4288	-0.12	0.92	-0.06	8.02	6.92x10 ⁻²
13171	hsa-miR-429	-0.12	0.92	0.04	6.04	8.38x10 ⁻²
169409	hsa-miR-4286	-0.13	0.92	0.32	10.58	1.83x10 ⁻¹
146165	hsa-miR-1973	-0.13	0.92	-0.23	6.65	7.81x10 ⁻²
10997	hsa-miR-19a-3p	-0.13	0.92	0.03	6.42	9.47x10 ⁻²
13132	hsa-miR-519e-5p	-0.13	0.91	-0.56	6.70	1.46x10 ⁻¹
169031	hsa-miR-4726-5p	-0.13	0.91	-0.55	7.88	1.17x10 ⁻¹
168836	hsa-miR-4496	-0.13	0.91	-0.27	5.87	2.36x10 ⁻¹
145820	hsa-let-7c-5p	-0.13	0.91	0.24	9.39	2.10x10 ⁻¹
168644	hsa-miR-4775	-0.13	0.91	-0.09	6.03	4.21x10 ⁻²
169024	hsa-miR-3960	-0.13	0.91	0.20	8.61	2.64x10 ⁻¹
169312	hsa-miR-548an	-0.13	0.91	-0.21	7.86	4.42x10 ⁻²
169022	hsa-miR-4797-5p	-0.14	0.91	-0.44	9.78	2.54x10 ⁻¹
168844	hsa-miR-4532	-0.14	0.91	-0.54	9.36	1.75x10 ⁻¹
169110	hsa-miR-4497	-0.14	0.91	-0.06	6.76	1.23x10 ⁻¹
147186	hsa-miR-200b-3p	-0.14	0.91	-0.04	8.77	1.07x10 ⁻¹
42542	hsa-miR-589-5p	-0.14	0.91	-0.81	6.94	1.62x10 ⁻¹
46732	hsa-miR-1264	-0.14	0.91	-0.07	10.51	1.36x10 ⁻¹
11040	hsa-miR-29b-3p	-0.15	0.90	-0.13	7.26	1.65x10 ⁻¹
42929	hsa-miR-25-5p	-0.15	0.90	-0.22	6.27	9.23x10 ⁻²
169232	hsa-miR-3156-3p	-0.15	0.90	-0.37	9.96	2.11x10 ⁻¹
42818	hsa-miR-597-5p	-0.15	0.90	-0.65	6.24	1.46x10 ⁻¹
168882	hsa-miR-664b-3p	-0.16	0.90	-0.21	8.68	1.17x10 ⁻¹
14285	hsa-miR-487b-3p	-0.16	0.90	-0.58	9.20	1.85x10 ⁻¹
169412	hsa-miR-1260a	-0.16	0.90	-0.26	11.30	2.07x10 ⁻¹
11245	hsa-miR-433-5p	-0.16	0.90	-0.20	9.48	2.04x10 ⁻¹
168933	hsa-miR-5581-3p	-0.16	0.89	-0.46	10.56	2.36x10 ⁻¹
168951	hsa-miR-548as-3p	-0.16	0.89	-0.22	8.64	1.87x10 ⁻¹
168793	hsa-miR-4483	-0.16	0.89	0.29	6.30	1.60x10 ⁻²
168868	hsa-miR-5681b	-0.17	0.89	-0.14	10.38	1.35x10 ⁻¹
11023	hsa-miR-222-3p	-0.17	0.89	0.12	7.82	2.76x10 ⁻²
147743	hsa-miR-4275	-0.17	0.89	-0.60	8.41	7.59x10 ⁻²
147701	hsa-miR-491-3p	-0.18	0.88	0.47	11.26	8.45x10 ⁻²
10998	hsa-miR-19b-3p	-0.18	0.88	-0.15	6.35	1.93x10 ⁻²
146161	hsa-miR-2115-3p	-0.18	0.88	-0.10	6.87	2.46x10 ⁻²
17566	hsa-miR-629-3p	-0.18	0.88	-0.33	6.32	1.02x10 ⁻¹
148316	hsa-miR-134-3p	-0.18	0.88	-0.42	7.13	6.13x10 ⁻²
169070	hsa-miR-4695-3p	-0.19	0.88	-0.13	10.19	1.80x10 ⁻¹
148278	hsa-miR-138-2-3p	-0.19	0.87	-0.29	9.03	6.82x10 ⁻²
146086	hsa-miR-30a-5p	-0.20	0.87	-0.20	6.28	1.22x10 ⁻²
10977	hsa-miR-183-5p	-0.20	0.87	-0.17	7.36	2.95x10 ⁻³
17328	ebv-miR-BART8-3p	-0.21	0.87	-0.16	6.39	9.07x10 ⁻²
11078	hsa-miR-365a-3p/hsa-miR-365b-3p	-0.21	0.86	0.27	7.49	1.32x10 ⁻²
168709	hsa-miR-4429	-0.22	0.86	-0.08	7.74	2.21x10 ⁻¹

146112	hsa-miR-30b-5p	-0.22	0.86	0.00	6.70	3.89x10 ⁻²
145676	hsa-miR-30e-3p	-0.22	0.86	-0.05	6.07	1.19x10 ⁻³
42932	hsa-miR-920	-0.24	0.84	-0.31	6.59	8.01x10 ⁻²
169102	hsa-miR-4639-3p	-0.26	0.83	-0.24	8.87	3.19x10 ⁻²
169416	hsa-miRPlus-A1086	-0.29	0.82	-0.48	6.72	7.49x10 ⁻⁵
147554	hsa-miR-4273	-0.30	0.81	-0.31	6.20	1.72x10 ⁻¹
17848	hsa-miRPlus-A1087	-0.32	0.80	-0.33	8.29	5.82x10 ⁻⁴
168727	hsa-miR-4426	-0.34	0.79	-0.36	6.57	2.46x10 ⁻¹
169247	hsa-miR-4477a	-0.35	0.78	-0.39	6.15	1.15x10 ⁻¹
42923	hsa-miR-30c-5p	-0.39	0.76	-0.10	7.27	2.95x10 ⁻⁴
10964	hsa-miR-155-5p	-0.50	0.71	0.25	8.60	3.97x10 ⁻⁵

Table SII. qPCR primers.

Target	Forward primer	Reverse primer	Ref.
<i>AKT3</i>	GTTGGAGAATCTAATGCTGGA	TCATTATCTTCTAACACCTCTGG	(1)
<i>BCL2</i>	CTGCACCTGACGCCCTTCACC	CACATGACCCCACCGAACTCAAAG A	(1)
<i>BMPR2</i>	GTAAGCTCTTGCCGTCTTGC	ATCTCGATGGGAAATTGCAG	The present study
<i>CBLB</i>	AATCCCACCAGACAATAGACTGAGTA G	CATTGGCGGGTCTTTGGA	(2)
<i>ETS1</i>	TTATCACCAGCAAAGACCT	AAGCCGACTCTCACCATCAT	The present study
<i>KRAS</i>	GCCTGCTGAAAATGACTGAATATA	TTAGCTGTATCGTCAAGGCACTC	(3)
<i>LAMC1</i>	AGATGGAAGCTGAGAATCTGG	CGGTCTGCTGTTTCAGTCTTG	The present study
<i>MAP2K1</i>	CAATGGCGGTGTGGTGTTCC	AGCTCCCTTATGATCTGGTTCC	(4)
<i>MAPK1</i>	TCTGGCAGGCAGGCAGGCAAT	TGACCGGGAGGAGGAAGGAAGA	(5)
<i>PIK3R3</i>	GAGAGGGGAATGAAAAGGAGA	ATCATGAATCTCACCCAGACG	(6)
<i>PLD1</i>	GAGCCTGCTACAGATGGTCA	TGTCTA CCAGCAGGACGAAG	(7)
<i>PRKCA</i>	TGGGTCACTGCTCTATGGACTTATC	CGCCCCCTCTTCTCAGTGT	(8)
<i>RAP1B</i>	ATTCCAGCGTGAGAGGTTC	CTGGCACTGTTGAATTGGGC	(9)
<i>STAT3</i>	GCTTTTGTGACGCGATGGAGT	ATTTGTTGACGGGTCTGAAGTT	(10)
<i>XIAP1</i>	TGGGACATGGATATACTCAGTTAACA A	GTTAGCCCTCCTCCACAGTGAA	(11)
<i>RNA18SN 1</i>	GTAACCCGTTGAACCCCAT	CCATCCAATCGGTAGTAGCG	(12)
<i>HPRT</i>	TGGCGTCGTGATTAGTGATG	CAGAGGGCTACAATGTGATG	(13)
<i>GAPDH</i>	GGCACC GTCAAG GCTGAG	GGTGGT GAAGAC GCCAGT G	The present study
<i>ACTB1</i>	CGGCATCGTCACCAACTG	GCTGGGGTGTGTAAGGTCTC	(14)

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Table SIII. Oligonucleotides used for cloning of miRNA target sites.

Oligonucleotide	Sequence
BMPR2_30c_MUTantisense_2	CTAGACGGACATGCAGTGCTGGATTTGGATATCGAGCT
BMPR2_30c_MUTsense_2	CGATATCCAAATCCAGCACTGCATGTCCGT
BMPR2_181ab_antisense	CTAGACACATTCAAACAAAACACAAGAGGATATCGAGCT
BMPR2_181ab_sense	CGATATCCTCTTGTGTTTTGTTTGAATGTGT
BMPR2_30c_antisense	CTAGAGGTAAACAGCAGTGCTGGATTTGGATATCGAGCT
BMPR2_30c_sense	CGATATCCAAATCCAGCACTGCTGTTTACCT
ETS1_125b_MUTantisense_2	CTAGATCGCGGCGCAGCTCCTAAAATATGATATCGAGCT
ETS1_125b_MUTsense_2	CGATATCATATTTTAGGAGCTGCGCCGCGAT
ETS1_155_2_MUTantisense	CTAGACCGGCATCGTAAAACCCAGAGTGGATATCGAGCT
ETS1_155_2_MUTsense	CGATATCCACTCTGGGTTTTACGATGCCGGT
ETS1_125b_antisense	CTAGATCCCTGAGCAGCTCCTAAAATATGATATCGAGCT
ETS1_125b_sense	CGATATCATATTTTAGGAGCTGCTCAGGGAT
ETS1_181ab_antisense	CTAGATACATTCAGTTCAAAGACTTAATGATATCGAGCT
ETS1_181ab_sense	CGATATCATTAAGTCTTTGAACTGAATGTAT
ETS1_155_2_antisense	CTAGATTAATGCTGTAAAACCCAGAGTGGATATCGAGCT
ETS1_155_2_sense	CGATATCCACTCTGGGTTTTACAGCATTAAAT
ETS1_155_1_antisense	CTAGATTAATGCTTCTTAGCTCAACATTGATATCGAGCT
ETS1_155_1_sense	CGATATCAATGTTGAGCTAAGAAGCATTAAAT

Table SIV. The table shows the results of the analysis of the publically available transcriptomic data (GSE42718, Morizane et al., 2014). The data were analyzed using GEO2R (<https://www.ncbi.nlm.nih.gov/geo/geo2r/>). The table shows only data for miRNAs corresponding to these analyzed in the present study. P values statistically significant were marked in orange.

ID	Adjusted P value	P value	t	B	logFC	miRNA_ID
175	0.74	2.15x10 ⁻³	5.24	-4.45	4.86	mmu-miR-125b-5p
14789	0.74	4.51x10 ⁻³	4.49	-4.46	3.55	mmu-miR-181b
5599	0.74	1.56x10 ⁻²	3.38	-4.48	1.89	mmu-miR-181b
7279	0.74	2.27x10 ⁻²	3.08	-4.49	1.73	mmu-miR-181b
5810	0.74	2.45x10 ⁻²	3.02	-4.49	1.21	mmu-miR-181b
7718	0.74	2.49x10 ⁻²	3.01	-4.50	1.43	mmu-miR-125b-5p
888	0.74	2.52x10 ⁻²	2.99	-4.50	1.28	mmu-miR-125b-5p
6912	0.74	2.98x10 ⁻²	2.86	-4.50	1.67	mmu-miR-181b
12757	0.74	2.98x10 ⁻²	2.86	-4.50	1.40	mmu-miR-125b-5p
3901	0.74	3.42x10 ⁻²	2.76	-4.50	1.26	mmu-miR-125b-5p
855	0.74	3.63x10 ⁻²	2.71	-4.51	1.36	mmu-miR-125b-5p
8144	0.74	3.71x10 ⁻²	2.69	-4.51	1.32	mmu-miR-125b-5p
13072	0.74	3.90x10 ⁻²	2.65	-4.51	1.34	mmu-miR-125b-5p
2623	0.74	4.09x10 ⁻²	2.62	-4.51	1.42	mmu-miR-125b-5p
11968	0.74	4.09x10 ⁻²	2.62	-4.51	1.46	mmu-miR-125b-5p
4890	0.74	4.23x10 ⁻²	2.59	-4.51	1.15	mmu-miR-181b
8308	0.74	4.49x10 ⁻²	2.55	-4.51	1.38	mmu-miR-125b-5p
7203	0.74	4.55x10 ⁻²	2.54	-4.51	1.25	mmu-miR-125b-5p
5602	0.74	4.56x10 ⁻²	2.54	-4.51	0.96	mmu-miR-181b
4405	0.74	4.66x10 ⁻²	-2.52	-4.51	-0.97	mmu-miR-30c
11921	0.74	5.02x10 ⁻²	2.46	-4.52	1.06	mmu-miR-181b
5169	0.74	5.02x10 ⁻²	2.46	-4.52	0.63	mmu-miR-155
7534	0.74	5.59x10 ⁻²	2.38	-4.52	1.09	mmu-miR-181b
5076	0.74	5.67x10 ⁻²	2.37	-4.52	1.16	mmu-miR-181b
7239	0.74	5.91x10 ⁻²	2.34	-4.52	1.20	mmu-miR-181b
961	0.74	6.07x10 ⁻²	2.32	-4.52	1.13	mmu-miR-181b
12449	0.74	6.48x10 ⁻²	2.27	-4.53	1.06	mmu-miR-181b
3215	0.74	7.33x10 ⁻²	2.18	-4.53	2.61	mmu-miR-125b-5p
5893	0.74	7.57x10 ⁻²	2.16	-4.53	0.70	mmu-miR-181b
13514	0.74	7.88x10 ⁻²	2.13	-4.53	2.31	mmu-miR-155
14672	0.74	8.70x10 ⁻²	2.06	-4.54	0.93	mmu-miR-181b
1796	0.74	9.33x10 ⁻²	2.01	-4.54	0.56	mmu-miR-155
10891	0.74	1.24x10 ⁻¹	-1.80	-4.55	-0.41	mmu-miR-30c
9767	0.74	1.88x10 ⁻¹	1.49	-4.57	0.46	mmu-miR-155
3356	0.74	1.94x10 ⁻¹	1.47	-4.57	2.74	mmu-miR-181a
11731	0.74	2.12x10 ⁻¹	1.40	-4.57	1.21	mmu-miR-155
347	0.74	2.14x10 ⁻¹	1.40	-4.57	0.39	mmu-miR-155
5239	0.75	2.27x10 ⁻¹	1.35	-4.58	0.47	mmu-miR-155
78	0.75	2.31x10 ⁻¹	1.34	-4.58	1.36	mmu-miR-181a

3055	0.75	2.32x10 ⁻¹	1.34	-4.58	0.45	mmu-miR-155
6	0.75	2.36x10 ⁻¹	1.32	-4.58	0.35	mmu-miR-155
9878	0.75	2.44x10 ⁻¹	1.30	-4.58	0.41	mmu-miR-155
456	0.76	2.50x10 ⁻¹	-1.28	-4.58	-0.39	mmu-miR-30c
3277	0.77	2.70x10 ⁻¹	1.22	-4.58	0.43	mmu-miR-155
14411	0.79	2.98x10 ⁻¹	1.14	-4.59	0.87	mmu-miR-181a
9350	0.80	3.16x10 ⁻¹	1.10	-4.59	0.55	mmu-miR-181a
7515	0.81	3.38x10 ⁻¹	1.04	-4.59	0.33	mmu-miR-155
8670	0.81	3.58x10 ⁻¹	-1.00	-4.60	-0.69	mmu-miR-30c
10092	0.81	3.65x10 ⁻¹	0.98	-4.60	0.34	mmu-miR-155
10817	0.82	3.80x10 ⁻¹	-0.95	-4.60	-0.43	mmu-miR-30c
14394	0.82	3.99x10 ⁻¹	0.91	-4.60	0.52	mmu-miR-181b
1331	0.83	4.29x10 ⁻¹	0.85	-4.60	0.49	mmu-miR-155
13278	0.84	4.65x10 ⁻¹	-0.78	-4.61	-0.70	mmu-miR-30c
14552	0.84	4.67x10 ⁻¹	0.78	-4.61	0.32	mmu-miR-155
9218	0.85	5.00x10 ⁻¹	0.72	-4.61	0.30	mmu-miR-155
10504	0.85	5.02x10 ⁻¹	0.72	-4.61	0.64	mmu-miR-125b-5p
9443	0.88	5.85x10 ⁻¹	-0.58	-4.62	-0.22	mmu-miR-155
8044	0.90	6.43x10 ⁻¹	-0.49	-4.62	-0.55	mmu-miR-30c
10029	0.92	6.97x10 ⁻¹	-0.41	-4.62	-0.11	mmu-miR-155
5522	0.94	7.71x10 ⁻¹	0.30	-4.62	0.31	mmu-miR-30c
10513	0.96	8.17x10 ⁻¹	0.24	-4.63	0.26	mmu-miR-30c
2083	0.97	8.65x10 ⁻¹	-0.18	-4.63	-0.14	mmu-miR-155
11096	0.98	9.16x10 ⁻¹	0.11	-4.63	0.06	mmu-miR-30c
4902	0.98	9.16x10 ⁻¹	0.11	-4.63	0.10	mmu-miR-125b-5p

Table SV. The table shows the results of the analysis of the publicly available transcriptomic data (GSE42718, Morizane et al., 2014). The data were analyzed using GEO2R (<https://www.ncbi.nlm.nih.gov/geo/geo2r/>). The table shows all miRNAs available in GSE42718 dataset. None of the analyzed miRNAs were statistically significantly changed following Benjamini & Hochberg (False discovery rate) correction. The data are sorted based on P-values. P values statistically significant are marked in orange.

ID	Adjusted P-value	P-value	t	B	logFC	miRNA_ID
7226	0.74	1.06x10 ⁻³	6.03	-4.44	1.79	mmu-miR-345-5p
5667	0.74	1.59x10 ⁻³	5.56	-4.44	1.75	
930	0.74	1.85x10 ⁻³	5.40	-4.45	2.96	mmu-miR-301b
175	0.74	2.15x10 ⁻³	5.24	-4.45	4.86	mmu-miR-125b-5p
3061	0.74	2.40x10 ⁻³	5.12	-4.45	1.43	mmu-miR-93
12260	0.74	3.01x10 ⁻³	-4.89	-4.45	-1.88	mmu-miR-466l
2606	0.74	3.27x10 ⁻³	4.81	-4.45	1.43	mmu-miR-30b*
6643	0.74	3.28x10 ⁻³	4.80	-4.45	1.38	mmu-miR-99b
5630	0.74	4.37x10 ⁻³	4.52	-4.46	1.47	
14789	0.74	4.51x10 ⁻³	4.49	-4.46	3.55	mmu-miR-181b
15431	0.74	4.70x10 ⁻³	4.45	-4.46	1.38	mmu-miR-483*
15654	0.74	5.06x10 ⁻³	-4.38	-4.46	-1.73	mmu-miR-126-3p
6010	0.74	6.75x10 ⁻³	4.11	-4.47	1.50	mmu-miR-350
4127	0.74	7.65x10 ⁻³	4.00	-4.47	2.17	
625	0.74	8.24x10 ⁻³	3.93	-4.47	0.97	mmu-miR-350
9924	0.74	8.31x10 ⁻³	3.92	-4.47	1.51	mmu-miR-93
14599	0.74	8.64x10 ⁻³	3.89	-4.47	2.31	mmu-miR-376c*
10318	0.74	8.94x10 ⁻³	3.86	-4.47	1.01	
15343	0.74	9.21x10 ⁻³	3.83	-4.47	1.07	mmu-miR-1906
9142	0.74	9.29x10 ⁻³	3.82	-4.47	1.68	mmu-miR-193
8599	0.74	9.68x10 ⁻³	-3.79	-4.47	-1.77	mmu-miR-30c-2*
3522	0.74	1.08x10 ⁻²	3.70	-4.47	1.73	mmu-miR-92b
12958	0.74	1.09x10 ⁻²	3.69	-4.48	1.06	mmu-miR-30d
13785	0.74	1.11x10 ⁻²	3.67	-4.48	0.98	mmu-miR-25
5427	0.74	1.15x10 ⁻²	3.64	-4.48	1.03	mmu-miR-324-3p
362	0.74	1.20x10 ⁻²	-3.61	-4.48	-1.34	mmu-miR-499
5004	0.74	1.21x10 ⁻²	3.60	-4.48	1.76	mmu-miR-741
7921	0.74	1.26x10 ⁻²	3.56	-4.48	1.38	mmu-miR-30d
12812	0.74	1.35x10 ⁻²	3.51	-4.48	1.28	mmu-miR-34a
1510	0.74	1.40x10 ⁻²	3.47	-4.48	2.15	
6591	0.74	1.47x10 ⁻²	3.43	-4.48	1.11	mmu-miR-30c-2*
12006	0.74	1.55x10 ⁻²	3.39	-4.48	0.93	mmu-miR-350
5599	0.74	1.56x10 ⁻²	3.38	-4.48	1.89	mmu-miR-181b
1318	0.74	1.60x10 ⁻²	3.36	-4.48	1.13	mmu-miR-93
15381	0.74	1.61x10 ⁻²	-3.35	-4.48	-2.01	mmu-miR-872
13763	0.74	1.64x10 ⁻²	3.34	-4.48	2.61	mmu-miR-148b
1926	0.74	1.66x10 ⁻²	3.33	-4.48	1.86	mmu-miR-34c
1723	0.74	1.72x10 ⁻²	3.30	-4.49	0.76	mmu-miR-25
880	0.74	1.81x10 ⁻²	3.26	-4.49	1.90	mmu-miR-689

13053	0.74	1.87x10 ⁻²	3.23	-4.49	1.26	mmu-miR-483*
6910	0.74	1.93x10 ⁻²	3.21	-4.49	2.32	mmu-miR-19b
1972	0.74	1.93x10 ⁻²	3.21	-4.49	1.36	mmu-miR-34c
1443	0.74	1.93x10 ⁻²	3.21	-4.49	0.90	mmu-miR-503
15538	0.74	1.97x10 ⁻²	-3.19	-4.49	-2.70	mmu-miR-291b-3p
11749	0.74	2.01x10 ⁻²	3.18	-4.49	1.29	mmu-miR-92a
5336	0.74	2.03x10 ⁻²	3.17	-4.49	1.00	mmu-miR-465a-3p
14203	0.74	2.16x10 ⁻²	3.12	-4.49	0.72	mmu-miR-25
13860	0.74	2.21x10 ⁻²	3.10	-4.49	2.91	mmu-miR-149
3706	0.74	2.24x10 ⁻²	3.09	-4.49	4.78	mmu-miR-135a*
10703	0.74	2.25x10 ⁻²	3.09	-4.49	1.11	mmu-miR-210
7279	0.74	2.27x10 ⁻²	3.08	-4.49	1.73	mmu-miR-181b
15499	0.74	2.31x10 ⁻²	3.07	-4.49	1.75	
6894	0.74	2.33x10 ⁻²	3.06	-4.49	1.38	mmu-miR-298
2828	0.74	2.35x10 ⁻²	3.05	-4.49	1.36	mmu-miR-34a
8633	0.74	2.36x10 ⁻²	3.05	-4.49	1.37	mmu-miR-34a
11846	0.74	2.39x10 ⁻²	3.03	-4.49	0.99	mmu-miR-25
127	0.74	2.43x10 ⁻²	3.02	-4.49	0.99	mmu-miR-31
5810	0.74	2.45x10 ⁻²	3.02	-4.49	1.21	mmu-miR-181b
3621	0.74	2.45x10 ⁻²	3.02	-4.49	1.01	mmu-miR-20b
4034	0.74	2.48x10 ⁻²	3.01	-4.50	1.46	mmu-miR-34c
7718	0.74	2.49x10 ⁻²	3.01	-4.50	1.43	mmu-miR-125b-5p
888	0.74	2.52x10 ⁻²	2.99	-4.50	1.28	mmu-miR-125b-5p
10521	0.74	2.53x10 ⁻²	2.99	-4.50	1.12	mmu-miR-93
7812	0.74	2.56x10 ⁻²	2.98	-4.50	1.61	mmu-miR-1906
8330	0.74	2.60x10 ⁻²	2.97	-4.50	4.27	mmu-miR-714
2164	0.74	2.61x10 ⁻²	2.97	-4.50	0.89	mmu-miR-29a
9923	0.74	2.64x10 ⁻²	2.96	-4.50	1.56	mmu-miR-1906
4840	0.74	2.67x10 ⁻²	2.95	-4.50	0.80	mmu-miR-296-5p
2243	0.74	2.71x10 ⁻²	2.94	-4.50	1.86	mmu-miR-302d
7411	0.74	2.72x10 ⁻²	2.93	-4.50	1.27	mmu-miR-340-3p
6931	0.74	2.72x10 ⁻²	2.93	-4.50	2.81	mmu-miR-689
7077	0.74	2.74x10 ⁻²	2.93	-4.50	1.10	mmu-miR-28
8058	0.74	2.74x10 ⁻²	2.93	-4.50	1.05	mmu-miR-206
14506	0.74	2.76x10 ⁻²	-2.92	-4.50	-1.67	
10388	0.74	2.78x10 ⁻²	2.92	-4.50	1.30	mmu-miR-34a
7974	0.74	2.81x10 ⁻²	2.91	-4.50	1.76	mmu-miR-183*
6423	0.74	2.83x10 ⁻²	2.90	-4.50	2.40	mmu-miR-30c-1*
12595	0.74	2.84x10 ⁻²	-2.90	-4.50	-1.38	mmu-miR-148a
4395	0.74	2.86x10 ⁻²	-2.90	-4.50	-1.29	mmu-miR-669l
4598	0.74	2.86x10 ⁻²	2.90	-4.50	0.94	mmu-miR-25
3738	0.74	2.93x10 ⁻²	2.87	-4.50	0.77	mmu-miR-206
3625	0.74	2.94x10 ⁻²	2.87	-4.50	2.68	mmu-miR-702
3912	0.74	2.94x10 ⁻²	2.87	-4.50	4.56	mmu-miR-714
6912	0.74	2.98x10 ⁻²	2.86	-4.50	1.67	mmu-miR-181b
12757	0.74	2.98x10 ⁻²	2.86	-4.50	1.40	mmu-miR-125b-5p

10511	0.74	3.04x10 ⁻²	2.85	-4.50	0.88	mmu-miR-92a
4315	0.74	3.07x10 ⁻²	2.84	-4.50	1.05	mmu-miR-28
5930	0.74	3.07x10 ⁻²	2.84	-4.50	4.87	mmu-miR-714
6850	0.74	3.08x10 ⁻²	2.84	-4.50	1.68	mmu-miR-450b-3p
8073	0.74	3.09x10 ⁻²	2.83	-4.50	2.72	mmu-miR-188-5p
10966	0.74	3.10x10 ⁻²	2.83	-4.50	0.78	mmu-miR-25
5992	0.74	3.12x10 ⁻²	2.83	-4.50	1.13	mmu-miR-20a
3282	0.74	3.13x10 ⁻²	-2.82	-4.50	-2.96	
12369	0.74	3.19x10 ⁻²	-2.81	-4.50	-1.25	mmu-miR-10b
7381	0.74	3.20x10 ⁻²	2.81	-4.50	1.77	mmu-miR-467e
6411	0.74	3.21x10 ⁻²	2.80	-4.50	1.57	mmu-miR-142-3p
2990	0.74	3.25x10 ⁻²	-2.79	-4.50	-0.85	mmu-miR-30c-2*
7992	0.74	3.29x10 ⁻²	2.79	-4.50	1.22	mmu-miR-92a
5383	0.74	3.30x10 ⁻²	2.78	-4.50	1.53	mmu-miR-290-3p
2020	0.74	3.33x10 ⁻²	2.78	-4.50	1.78	mmu-miR-877*
11001	0.74	3.34x10 ⁻²	2.77	-4.50	0.84	mmu-miR-29a
5537	0.74	3.38x10 ⁻²	2.76	-4.50	1.20	mmu-miR-741
2408	0.74	3.39x10 ⁻²	2.76	-4.50	2.41	mmu-miR-671-5p
14122	0.74	3.40x10 ⁻²	2.76	-4.50	1.76	mmu-miR-22*
11437	0.74	3.42x10 ⁻²	2.76	-4.50	1.34	
3901	0.74	3.42x10 ⁻²	2.76	-4.50	1.26	mmu-miR-125b-5p
2297	0.74	3.43x10 ⁻²	2.75	-4.50	1.16	mmu-miR-296-5p
3248	0.74	3.43x10 ⁻²	2.75	-4.50	3.40	mmu-miR-715
5219	0.74	3.51x10 ⁻²	2.74	-4.51	4.10	
14762	0.74	3.53x10 ⁻²	2.73	-4.51	0.72	mmu-miR-103
7651	0.74	3.56x10 ⁻²	2.73	-4.51	1.36	mmu-miR-34b-5p
3974	0.74	3.58x10 ⁻²	2.72	-4.51	0.80	mmu-miR-25
4116	0.74	3.58x10 ⁻²	2.72	-4.51	1.30	mmu-miR-17*
7400	0.74	3.61x10 ⁻²	2.71	-4.51	0.95	mmu-miR-20a
12666	0.74	3.63x10 ⁻²	-2.71	-4.51	-1.32	mmu-miR-148a
855	0.74	3.63x10 ⁻²	2.71	-4.51	1.36	mmu-miR-125b-5p
4440	0.74	3.66x10 ⁻²	2.70	-4.51	0.87	mmu-miR-374
7497	0.74	3.70x10 ⁻²	2.70	-4.51	1.45	mmu-miR-34a
8144	0.74	3.71x10 ⁻²	2.69	-4.51	1.32	mmu-miR-125b-5p
5610	0.74	3.74x10 ⁻²	2.69	-4.51	0.61	mmu-miR-26a
2658	0.74	3.77x10 ⁻²	2.68	-4.51	3.15	mmu-miR-669n
107	0.74	3.78x10 ⁻²	2.68	-4.51	0.97	mmu-miR-93
13855	0.74	3.79x10 ⁻²	2.68	-4.51	0.96	mmu-let-7f*
215	0.74	3.80x10 ⁻²	2.68	-4.51	1.44	mmu-let-7b*
8582	0.74	3.82x10 ⁻²	-2.67	-4.51	-1.31	mmu-miR-335-3p
13317	0.74	3.85x10 ⁻²	2.66	-4.51	1.29	mmu-miR-34c
7780	0.74	3.86x10 ⁻²	2.66	-4.51	2.30	mmu-miR-34c*
13602	0.74	3.88x10 ⁻²	2.66	-4.51	0.76	mmu-miR-93
13072	0.74	3.90x10 ⁻²	2.65	-4.51	1.34	mmu-miR-125b-5p
9799	0.74	3.91x10 ⁻²	2.65	-4.51	0.76	mmu-miR-29c
4091	0.74	3.92x10 ⁻²	2.65	-4.51	0.79	mmu-miR-140*

10782	0.74	3.93x10 ⁻²	2.65	-4.51	3.17	mmu-miR-188-5p
14284	0.74	3.95x10 ⁻²	2.65	-4.51	1.04	mmu-miR-30d
10189	0.74	3.96x10 ⁻²	-2.64	-4.51	-2.48	mmu-miR-202-5p
4302	0.74	4.01x10 ⁻²	2.63	-4.51	0.77	mmu-miR-25
2623	0.74	4.09x10 ⁻²	2.62	-4.51	1.42	mmu-miR-125b-5p
11968	0.74	4.09x10 ⁻²	2.62	-4.51	1.46	mmu-miR-125b-5p
2357	0.74	4.15x10 ⁻²	2.61	-4.51	1.05	mmu-miR-191*
1398	0.74	4.15x10 ⁻²	2.61	-4.51	0.77	mmu-miR-29a
15589	0.74	4.17x10 ⁻²	2.60	-4.51	1.98	mmu-miR-34c
6757	0.74	4.19x10 ⁻²	2.60	-4.51	0.60	mmu-miR-350
11521	0.74	4.19x10 ⁻²	2.60	-4.51	1.52	mmu-miR-30c-2*
6460	0.74	4.21x10 ⁻²	2.60	-4.51	0.59	mmu-miR-25
4890	0.74	4.23x10 ⁻²	2.59	-4.51	1.15	mmu-miR-181b
9451	0.74	4.28x10 ⁻²	2.58	-4.51	1.38	mmu-miR-34c
12471	0.74	4.29x10 ⁻²	2.58	-4.51	0.75	mmu-miR-93
1842	0.74	4.40x10 ⁻²	2.56	-4.51	2.78	mmu-miR-574-5p
9081	0.74	4.42x10 ⁻²	2.56	-4.51	2.85	
1752	0.74	4.43x10 ⁻²	2.56	-4.51	1.57	mmu-miR-484
9780	0.74	4.49x10 ⁻²	2.55	-4.51	0.97	mmu-miR-532-5p
8308	0.74	4.49x10 ⁻²	2.55	-4.51	1.38	mmu-miR-125b-5p
8407	0.74	4.53x10 ⁻²	-2.54	-4.51	-1.43	mmu-miR-668
7203	0.74	4.55x10 ⁻²	2.54	-4.51	1.25	mmu-miR-125b-5p
5602	0.74	4.56x10 ⁻²	2.54	-4.51	0.96	mmu-miR-181b
561	0.74	4.64x10 ⁻²	-2.52	-4.51	-0.68	mmu-miR-98
8749	0.74	4.64x10 ⁻²	2.52	-4.51	3.41	mmu-miR-1897-5p
1294	0.74	4.66x10 ⁻²	2.52	-4.51	0.68	mmu-miR-31
4405	0.74	4.66x10 ⁻²	-2.52	-4.51	-0.97	mmu-miR-30c
1469	0.74	4.67x10 ⁻²	-2.52	-4.51	-1.10	mmu-miR-148a
10033	0.74	4.83x10 ⁻²	2.49	-4.52	1.46	mmu-miR-192
10625	0.74	4.84x10 ⁻²	2.49	-4.52	2.52	mmu-miR-694
9885	0.74	4.85x10 ⁻²	2.49	-4.52	0.79	mmu-miR-31
8879	0.74	4.86x10 ⁻²	2.49	-4.52	0.84	mmu-miR-93
10565	0.74	4.89x10 ⁻²	2.48	-4.52	1.33	mmu-miR-34a
1620	0.74	4.89x10 ⁻²	2.48	-4.52	1.07	mmu-miR-362-3p
10041	0.74	4.89x10 ⁻²	2.48	-4.52	0.95	mmu-miR-342-5p
13040	0.74	4.92x10 ⁻²	2.48	-4.52	5.17	mmu-miR-1224
11921	0.74	5.02x10 ⁻²	2.46	-4.52	1.06	mmu-miR-181b
5169	0.74	5.02x10 ⁻²	2.46	-4.52	0.63	mmu-miR-155
5139	0.74	5.02x10 ⁻²	2.46	-4.52	1.44	mmu-miR-298
3489	0.74	5.08x10 ⁻²	2.46	-4.52	3.18	mmu-miR-1895
3799	0.74	5.08x10 ⁻²	2.46	-4.52	0.79	mmu-miR-668
13165	0.74	5.12x10 ⁻²	2.45	-4.52	1.08	mmu-miR-193b
1306	0.74	5.18x10 ⁻²	2.44	-4.52	0.80	mmu-miR-690
6072	0.74	5.25x10 ⁻²	2.43	-4.52	0.61	mmu-miR-872
15554	0.74	5.27x10 ⁻²	2.43	-4.52	1.23	mmu-miR-140*
9526	0.74	5.29x10 ⁻²	2.43	-4.52	0.91	mmu-miR-29a

12331	0.74	5.32×10^{-2}	2.42	-4.52	0.62	mmu-miR-185
5802	0.74	5.35×10^{-2}	2.42	-4.52	0.55	mmu-miR-296-5p
10147	0.74	5.36×10^{-2}	-2.41	-4.52	-1.21	mmu-miR-92b
13437	0.74	5.41×10^{-2}	2.41	-4.52	1.45	mmu-miR-92a
6404	0.74	5.41×10^{-2}	2.41	-4.52	1.23	mmu-miR-34a
186	0.74	5.42×10^{-2}	-2.41	-4.52	-1.61	mmu-miR-30e*
7513	0.74	5.44×10^{-2}	-2.40	-4.52	-2.64	mmu-miR-295
13101	0.74	5.52×10^{-2}	2.39	-4.52	0.89	mmu-miR-92a
13327	0.74	5.57×10^{-2}	2.39	-4.52	1.33	mmu-miR-34c
7534	0.74	5.59×10^{-2}	2.38	-4.52	1.09	mmu-miR-181b
842	0.74	5.59×10^{-2}	2.38	-4.52	3.08	mmu-miR-741
5076	0.74	5.67×10^{-2}	2.37	-4.52	1.16	mmu-miR-181b
4892	0.74	5.69×10^{-2}	2.37	-4.52	3.73	mcmv-miR-M23-1-5p
8443	0.74	5.74×10^{-2}	2.36	-4.52	1.28	mmu-miR-34a
5831	0.74	5.82×10^{-2}	2.35	-4.52	2.92	mmu-miR-135a*
5763	0.74	5.83×10^{-2}	2.35	-4.52	1.04	mmu-miR-30d
8303	0.74	5.88×10^{-2}	2.35	-4.52	0.67	mmu-miR-872
11314	0.74	5.89×10^{-2}	2.34	-4.52	0.62	mmu-miR-103
7239	0.74	5.91×10^{-2}	2.34	-4.52	1.20	mmu-miR-181b
15078	0.74	5.92×10^{-2}	-2.34	-4.52	-0.60	mmu-miR-301a
8810	0.74	5.93×10^{-2}	2.34	-4.52	3.16	mmu-miR-1895
14901	0.74	5.94×10^{-2}	2.34	-4.52	4.62	mmu-miR-1224
10694	0.74	5.94×10^{-2}	2.34	-4.52	0.65	mmu-miR-350
10334	0.74	5.96×10^{-2}	2.34	-4.52	1.09	mmu-miR-1906
9298	0.74	5.97×10^{-2}	2.34	-4.52	0.95	mmu-miR-20a
5407	0.74	5.99×10^{-2}	2.33	-4.52	0.88	mmu-miR-93
11317	0.74	6.03×10^{-2}	-2.33	-4.52	-1.07	mmu-miR-668
14572	0.74	6.04×10^{-2}	2.33	-4.52	5.16	mmu-miR-1224
12156	0.74	6.06×10^{-2}	2.32	-4.52	1.71	mmu-miR-1894-3p
961	0.74	6.07×10^{-2}	2.32	-4.52	1.13	mmu-miR-181b
2514	0.74	6.08×10^{-2}	2.32	-4.52	4.16	mmu-miR-494
8127	0.74	6.12×10^{-2}	2.32	-4.52	4.80	mmu-miR-1224
749	0.74	6.14×10^{-2}	2.31	-4.52	0.73	mmu-miR-25
6250	0.74	6.14×10^{-2}	2.31	-4.52	0.64	mmu-miR-361
14772	0.74	6.15×10^{-2}	2.31	-4.52	1.20	mmu-miR-34a
4183	0.74	6.18×10^{-2}	2.31	-4.52	4.49	mmu-miR-1224
5434	0.74	6.20×10^{-2}	2.31	-4.52	1.04	mmu-miR-715
9609	0.74	6.21×10^{-2}	2.31	-4.52	0.73	mmu-miR-140*
7172	0.74	6.22×10^{-2}	2.30	-4.52	1.97	mmu-miR-1906
11794	0.74	6.25×10^{-2}	-2.30	-4.52	-1.16	mmu-miR-291b-3p
13	0.74	6.28×10^{-2}	2.30	-4.52	1.96	mmu-miR-1897-5p
530	0.74	6.35×10^{-2}	2.29	-4.52	0.78	mmu-miR-182
5908	0.74	6.36×10^{-2}	2.29	-4.52	1.78	mmu-miR-295
6175	0.74	6.44×10^{-2}	2.28	-4.53	0.95	mmu-miR-206
11957	0.74	6.47×10^{-2}	-2.28	-4.53	-1.00	mmu-miR-148a
12449	0.74	6.48×10^{-2}	2.27	-4.53	1.06	mmu-miR-181b

13960	0.74	6.51×10^{-2}	2.27	-4.53	0.53	mmu-let-7e
13972	0.74	6.54×10^{-2}	-2.27	-4.53	-1.75	
11885	0.74	6.54×10^{-2}	-2.27	-4.53	-0.98	mmu-miR-149
2301	0.74	6.57×10^{-2}	2.26	-4.53	0.65	mmu-miR-31
9980	0.74	6.58×10^{-2}	2.26	-4.53	1.29	mmu-miR-34a
14220	0.74	6.70×10^{-2}	2.25	-4.53	0.87	mmu-miR-21
11761	0.74	6.70×10^{-2}	2.25	-4.53	1.26	mmu-miR-1906
9210	0.74	6.70×10^{-2}	-2.25	-4.53	-1.47	mmu-miR-92a*
194	0.74	6.74×10^{-2}	2.24	-4.53	0.74	mmu-miR-125a-5p
5398	0.74	6.75×10^{-2}	2.24	-4.53	0.83	mmu-miR-34b-5p
5091	0.74	6.75×10^{-2}	2.24	-4.53	0.71	mmu-miR-365
8761	0.74	6.76×10^{-2}	2.24	-4.53	5.07	mmu-miR-1224
4853	0.74	6.77×10^{-2}	2.24	-4.53	4.45	mmu-miR-1224
10608	0.74	6.81×10^{-2}	2.24	-4.53	0.68	mmu-miR-30d
8591	0.74	6.82×10^{-2}	2.24	-4.53	1.25	mmu-miR-34a
10627	0.74	6.82×10^{-2}	2.24	-4.53	1.28	mmu-miR-34a
5796	0.74	6.86×10^{-2}	2.23	-4.53	0.89	mmu-miR-30b*
5826	0.74	6.86×10^{-2}	2.23	-4.53	1.00	
5358	0.74	6.88×10^{-2}	2.23	-4.53	1.24	mmu-miR-34a
9558	0.74	6.94×10^{-2}	2.22	-4.53	1.24	mmu-miR-34c
959	0.74	6.98×10^{-2}	-2.22	-4.53	-1.67	mmu-miR-30a*
7247	0.74	7.05×10^{-2}	2.21	-4.53	0.68	mmu-miR-140
972	0.74	7.05×10^{-2}	2.21	-4.53	1.20	mmu-miR-34c
13574	0.74	7.08×10^{-2}	2.21	-4.53	1.30	mmu-miR-449a
15458	0.74	7.09×10^{-2}	2.21	-4.53	1.21	mmu-miR-34c
15579	0.74	7.10×10^{-2}	-2.21	-4.53	-0.67	
11110	0.74	7.15×10^{-2}	2.20	-4.53	0.82	mmu-miR-20a
7075	0.74	7.17×10^{-2}	2.20	-4.53	0.91	mmu-miR-19a
8132	0.74	7.18×10^{-2}	2.20	-4.53	2.83	mmu-miR-188-5p
4779	0.74	7.20×10^{-2}	2.20	-4.53	1.28	mmu-miR-30d
914	0.74	7.24×10^{-2}	2.19	-4.53	0.78	mmu-miR-21
12720	0.74	7.31×10^{-2}	2.19	-4.53	0.61	mmu-miR-183
3215	0.74	7.33×10^{-2}	2.18	-4.53	2.61	mmu-miR-125b-5p
6547	0.74	7.34×10^{-2}	2.18	-4.53	0.73	mmu-miR-99b
1452	0.74	7.39×10^{-2}	2.18	-4.53	0.69	mmu-miR-25
5996	0.74	7.42×10^{-2}	2.17	-4.53	0.66	mmu-miR-532-5p
7783	0.74	7.43×10^{-2}	2.17	-4.53	5.01	mmu-miR-494
3113	0.74	7.52×10^{-2}	2.16	-4.53	0.99	mmu-miR-206
3032	0.74	7.55×10^{-2}	2.16	-4.53	1.61	mmu-miR-126-5p
5893	0.74	7.57×10^{-2}	2.16	-4.53	0.70	mmu-miR-181b
4390	0.74	7.66×10^{-2}	2.15	-4.53	3.81	mmu-miR-1224
4876	0.74	7.66×10^{-2}	2.15	-4.53	1.43	mmu-miR-296-5p
11562	0.74	7.68×10^{-2}	2.15	-4.53	1.26	mmu-miR-34c
2070	0.74	7.68×10^{-2}	2.15	-4.53	0.62	mmu-miR-31
1291	0.74	7.69×10^{-2}	2.15	-4.53	3.77	mmu-miR-1224
6549	0.74	7.70×10^{-2}	2.15	-4.53	0.75	mmu-miR-206

8746	0.74	7.71×10^{-2}	2.15	-4.53	0.76	mmu-miR-190
11699	0.74	7.72×10^{-2}	2.14	-4.53	0.71	mmu-miR-25
8233	0.74	7.76×10^{-2}	2.14	-4.53	4.43	mmu-miR-1224
15177	0.74	7.81×10^{-2}	2.14	-4.53	0.70	mmu-miR-20a
7222	0.74	7.83×10^{-2}	2.13	-4.53	0.80	mmu-miR-21
15743	0.74	7.83×10^{-2}	-2.13	-4.53	-0.65	
2276	0.74	7.86×10^{-2}	2.13	-4.53	1.52	mmu-miR-224
13514	0.74	7.88×10^{-2}	2.13	-4.53	2.31	mmu-miR-155
5543	0.74	7.88×10^{-2}	2.13	-4.53	0.87	mmu-miR-29b*
6842	0.74	7.90×10^{-2}	2.13	-4.53	1.08	mmu-miR-376a*
11413	0.74	7.92×10^{-2}	2.13	-4.53	0.75	mmu-miR-21
6949	0.74	7.95×10^{-2}	2.12	-4.53	2.09	mmu-miR-1897-5p
1951	0.74	7.96×10^{-2}	2.12	-4.53	1.02	mmu-miR-20b
2868	0.74	7.98×10^{-2}	2.12	-4.53	3.74	mmu-miR-1224
12805	0.74	7.98×10^{-2}	2.12	-4.53	0.71	mmu-miR-92a
14768	0.74	8.02×10^{-2}	2.12	-4.53	3.70	mmu-miR-1224
14372	0.74	8.02×10^{-2}	2.12	-4.53	0.73	mmu-miR-93
5016	0.74	8.04×10^{-2}	2.12	-4.53	2.16	mmu-miR-743a
667	0.74	8.12×10^{-2}	2.11	-4.53	0.79	mmu-miR-20b
5919	0.74	8.15×10^{-2}	2.11	-4.53	0.74	mmu-miR-21
1866	0.74	8.18×10^{-2}	2.10	-4.53	1.19	mmu-miR-1906
5931	0.74	8.25×10^{-2}	2.10	-4.53	1.17	mmu-miR-324-3p
7072	0.74	8.25×10^{-2}	2.10	-4.53	0.74	mmu-miR-29c
12077	0.74	8.26×10^{-2}	2.10	-4.53	0.80	mmu-miR-21
9626	0.74	8.26×10^{-2}	2.10	-4.53	1.15	mmu-miR-34a
2548	0.74	8.26×10^{-2}	2.09	-4.53	3.69	mmu-miR-1224
10454	0.74	8.26×10^{-2}	2.09	-4.53	1.62	mmu-miR-20b
7211	0.74	8.29×10^{-2}	2.09	-4.53	1.57	mmu-miR-1897-5p
11991	0.74	8.30×10^{-2}	2.09	-4.53	4.34	mmu-miR-1224
3827	0.74	8.32×10^{-2}	2.09	-4.53	2.16	mmu-miR-19a
6431	0.74	8.34×10^{-2}	2.09	-4.53	1.15	mmu-miR-125a-5p
12354	0.74	8.34×10^{-2}	2.09	-4.53	3.65	mmu-miR-1224
7010	0.74	8.34×10^{-2}	2.09	-4.53	3.73	mmu-miR-1224
12378	0.74	8.35×10^{-2}	2.09	-4.53	0.92	mmu-miR-29a
6376	0.74	8.40×10^{-2}	2.08	-4.54	2.07	mmu-miR-574-5p
2904	0.74	8.40×10^{-2}	2.08	-4.54	0.81	mmu-miR-93
448	0.74	8.41×10^{-2}	2.08	-4.54	1.30	mmu-miR-709
7572	0.74	8.46×10^{-2}	2.08	-4.54	1.57	mmu-miR-193
1773	0.74	8.48×10^{-2}	-2.08	-4.54	-0.68	mmu-miR-31*
409	0.74	8.52×10^{-2}	-2.07	-4.54	-1.37	
11426	0.74	8.53×10^{-2}	-2.07	-4.54	-0.51	mmu-miR-10b
13222	0.74	8.56×10^{-2}	2.07	-4.54	1.02	mmu-miR-34b-5p
4495	0.74	8.58×10^{-2}	2.07	-4.54	3.63	mmu-miR-1224
1087	0.74	8.58×10^{-2}	2.07	-4.54	0.50	mmu-miR-151-5p
5438	0.74	8.60×10^{-2}	2.07	-4.54	1.52	mmu-miR-590-3p
2957	0.74	8.63×10^{-2}	2.06	-4.54	0.78	mmu-miR-20b

3303	0.74	8.66x10 ⁻²	2.06	-4.54	0.78	mmu-miR-31
13371	0.74	8.69x10 ⁻²	2.06	-4.54	0.55	mmu-miR-29c
14672	0.74	8.70x10 ⁻²	2.06	-4.54	0.93	mmu-miR-181b
11421	0.74	8.71x10 ⁻²	2.06	-4.54	3.58	mmu-miR-1224
10309	0.74	8.80x10 ⁻²	2.05	-4.54	3.62	mmu-miR-1224
15608	0.74	8.87x10 ⁻²	2.04	-4.54	1.05	mmu-miR-467e
13703	0.74	8.89x10 ⁻²	2.04	-4.54	1.22	mmu-miR-34a
10568	0.74	8.92x10 ⁻²	2.04	-4.54	5.47	mmu-miR-494
14547	0.74	8.92x10 ⁻²	2.04	-4.54	0.65	
14465	0.74	9.00x10 ⁻²	-2.03	-4.54	-0.89	mmu-miR-191*
5974	0.74	9.02x10 ⁻²	2.03	-4.54	1.19	mmu-miR-449a
11568	0.74	9.02x10 ⁻²	2.03	-4.54	3.96	mmu-miR-494
15510	0.74	9.03x10 ⁻²	2.03	-4.54	0.56	mmu-miR-31
6424	0.74	9.12x10 ⁻²	2.02	-4.54	0.64	mmu-miR-99b
12825	0.74	9.14x10 ⁻²	-2.02	-4.54	-1.12	mmu-miR-130b
3374	0.74	9.17x10 ⁻²	2.02	-4.54	1.60	mmu-miR-93
10947	0.74	9.26x10 ⁻²	2.01	-4.54	0.67	mmu-miR-674*
3393	0.74	9.27x10 ⁻²	2.01	-4.54	0.55	mmu-miR-500
3735	0.74	9.28x10 ⁻²	2.01	-4.54	0.78	
7903	0.74	9.29x10 ⁻²	2.01	-4.54	0.75	mmu-miR-21
14085	0.74	9.31x10 ⁻²	-2.01	-4.54	-1.31	mghv-miR-M1-4
12383	0.74	9.32x10 ⁻²	2.01	-4.54	0.51	mmu-miR-25
1796	0.74	9.33x10 ⁻²	2.01	-4.54	0.56	mmu-miR-155
2888	0.74	9.36x10 ⁻²	2.00	-4.54	2.40	mmu-miR-574-5p
15497	0.74	9.37x10 ⁻²	2.00	-4.54	0.98	
11318	0.74	9.42x10 ⁻²	2.00	-4.54	0.68	mmu-miR-29c
2626	0.74	9.42x10 ⁻²	2.00	-4.54	1.19	mmu-miR-34a
4203	0.74	9.44x10 ⁻²	-2.00	-4.54	-1.72	mmu-miR-190b
3524	0.74	9.45x10 ⁻²	2.00	-4.54	0.67	mmu-miR-21
15572	0.74	9.46x10 ⁻²	-2.00	-4.54	-4.08	mmu-miR-335-3p
9281	0.74	9.49x10 ⁻²	1.99	-4.54	0.77	mmu-miR-21
11772	0.74	9.59x10 ⁻²	1.99	-4.54	0.83	mmu-miR-193
919	0.74	9.60x10 ⁻²	1.98	-4.54	1.47	mmu-miR-18a
10692	0.74	9.61x10 ⁻²	1.98	-4.54	0.80	mmu-miR-185
2133	0.74	9.62x10 ⁻²	1.98	-4.54	1.10	mmu-miR-30b*
15450	0.74	9.70x10 ⁻²	1.98	-4.54	1.28	mmu-miR-135a
12743	0.74	9.71x10 ⁻²	1.98	-4.54	0.73	mmu-miR-29a
5087	0.74	9.71x10 ⁻²	1.98	-4.54	0.66	mmu-miR-31
9800	0.74	9.75x10 ⁻²	1.97	-4.54	1.02	mmu-miR-20b
1232	0.74	9.81x10 ⁻²	1.97	-4.54	0.70	mmu-miR-25
7762	0.74	9.81x10 ⁻²	-1.97	-4.54	-1.11	mmu-miR-30b*
9895	0.74	9.83x10 ⁻²	1.97	-4.54	2.08	mmu-miR-188-5p
1264	0.74	9.85x10 ⁻²	1.97	-4.54	1.34	mmu-miR-290-3p
6571	0.74	9.86x10 ⁻²	1.97	-4.54	0.66	mmu-miR-183
14554	0.74	9.88x10 ⁻²	1.96	-4.54	0.72	mmu-miR-21
1888	0.74	9.89x10 ⁻²	1.96	-4.54	0.45	mmu-miR-125a-5p

5175	0.74	9.91×10^{-2}	1.96	-4.54	1.18	mmu-miR-34a
14638	0.74	9.95×10^{-2}	1.96	-4.54	1.71	mmu-miR-128
5382	0.74	9.98×10^{-2}	1.96	-4.54	1.63	mmu-miR-190b
12287	0.74	1.00×10^{-1}	-1.96	-4.54	-1.43	mmu-miR-100
2445	0.74	1.00×10^{-1}	1.95	-4.54	1.27	mmu-miR-34c
4803	0.74	1.00×10^{-1}	1.95	-4.54	0.77	mmu-miR-93
4012	0.74	1.00×10^{-1}	1.95	-4.54	1.37	mmu-miR-449a
13906	0.74	1.01×10^{-1}	1.95	-4.54	0.72	mmu-miR-20b
1928	0.74	1.01×10^{-1}	1.95	-4.54	0.72	mmu-miR-130b
9857	0.74	1.01×10^{-1}	-1.95	-4.54	-0.75	mmu-miR-192
14647	0.74	1.01×10^{-1}	1.95	-4.54	1.20	mmu-miR-709
13447	0.74	1.01×10^{-1}	1.95	-4.54	3.66	mmu-miR-494
11689	0.74	1.02×10^{-1}	1.94	-4.54	4.46	mmu-miR-1224
9991	0.74	1.02×10^{-1}	1.94	-4.54	3.71	mmu-miR-494
3736	0.74	1.02×10^{-1}	1.94	-4.54	0.79	mmu-miR-21
14980	0.74	1.02×10^{-1}	1.94	-4.54	0.85	mmu-miR-449a
10445	0.74	1.02×10^{-1}	1.94	-4.54	0.60	mmu-miR-31
926	0.74	1.02×10^{-1}	1.94	-4.54	0.56	mmu-miR-31
6503	0.74	1.02×10^{-1}	1.94	-4.54	0.66	mmu-let-7b*
2117	0.74	1.02×10^{-1}	1.94	-4.54	3.76	mmu-miR-494
3626	0.74	1.03×10^{-1}	1.94	-4.54	1.55	mmu-let-7b*
7482	0.74	1.03×10^{-1}	1.94	-4.54	1.16	mmu-miR-709
13097	0.74	1.03×10^{-1}	-1.94	-4.54	-1.14	mmu-miR-190b
6525	0.74	1.03×10^{-1}	1.93	-4.54	1.94	mmu-miR-17*
3178	0.74	1.03×10^{-1}	1.93	-4.54	0.63	mmu-miR-25
14933	0.74	1.03×10^{-1}	1.93	-4.54	2.98	mmu-miR-135a*
3842	0.74	1.03×10^{-1}	1.93	-4.54	0.80	mmu-miR-25
7410	0.74	1.04×10^{-1}	1.93	-4.54	0.80	mmu-miR-20a
12858	0.74	1.04×10^{-1}	1.93	-4.54	0.48	mmu-miR-22
3878	0.74	1.04×10^{-1}	1.93	-4.54	1.34	mmu-miR-101b
14576	0.74	1.04×10^{-1}	1.93	-4.54	0.73	mmu-miR-30d
15580	0.74	1.04×10^{-1}	-1.93	-4.54	-0.62	
14252	0.74	1.04×10^{-1}	1.93	-4.54	0.59	mmu-miR-99b
9744	0.74	1.05×10^{-1}	1.92	-4.54	4.65	mmu-miR-494
7039	0.74	1.05×10^{-1}	1.92	-4.54	0.61	mmu-miR-25
9077	0.74	1.05×10^{-1}	1.92	-4.54	0.97	mmu-miR-193b
7471	0.74	1.05×10^{-1}	1.92	-4.54	0.73	mmu-miR-21
12855	0.74	1.05×10^{-1}	1.92	-4.54	0.75	mmu-miR-31
5774	0.74	1.05×10^{-1}	1.92	-4.54	1.74	mmu-miR-425*
15718	0.74	1.06×10^{-1}	-1.92	-4.54	-1.58	mmu-miR-211
12413	0.74	1.06×10^{-1}	-1.92	-4.54	-1.48	mmu-miR-483*
7891	0.74	1.06×10^{-1}	1.91	-4.54	2.06	mmu-miR-1895
4118	0.74	1.06×10^{-1}	1.91	-4.54	0.71	mmu-miR-331-3p
15575	0.74	1.06×10^{-1}	1.91	-4.54	2.27	mmu-miR-139-5p
13762	0.74	1.07×10^{-1}	1.91	-4.54	0.49	mmu-miR-532-5p
12117	0.74	1.08×10^{-1}	1.90	-4.54	1.01	mmu-miR-149

5208	0.74	1.08×10^{-1}	1.90	-4.54	1.21	mmu-miR-34a
8574	0.74	1.08×10^{-1}	1.90	-4.54	0.77	mmu-miR-29a
12088	0.74	1.08×10^{-1}	1.90	-4.54	1.18	mmu-miR-34a
10577	0.74	1.08×10^{-1}	1.90	-4.55	1.89	mmu-miR-1906
6083	0.74	1.09×10^{-1}	1.90	-4.55	0.52	mmu-miR-676
3469	0.74	1.09×10^{-1}	1.89	-4.55	0.71	mmu-miR-21
3814	0.74	1.09×10^{-1}	1.89	-4.55	0.68	
15271	0.74	1.09×10^{-1}	1.89	-4.55	1.43	mmu-miR-872
10660	0.74	1.09×10^{-1}	1.89	-4.55	1.66	mmu-miR-17*
6674	0.74	1.09×10^{-1}	1.89	-4.55	0.71	mmu-miR-21
13858	0.74	1.10×10^{-1}	1.89	-4.55	3.56	mmu-miR-494
320	0.74	1.10×10^{-1}	1.89	-4.55	0.62	mmu-miR-151-5p
7578	0.74	1.10×10^{-1}	1.88	-4.55	2.57	mmu-miR-340-3p
2588	0.74	1.10×10^{-1}	1.88	-4.55	0.46	mmu-miR-149
4885	0.74	1.11×10^{-1}	1.88	-4.55	1.84	mmu-miR-1897-5p
15089	0.74	1.11×10^{-1}	1.88	-4.55	1.62	mmu-miR-201
15744	0.74	1.11×10^{-1}	-1.88	-4.55	-0.56	
11618	0.74	1.11×10^{-1}	-1.88	-4.55	-1.52	mmu-miR-26b
6565	0.74	1.11×10^{-1}	1.88	-4.55	0.92	mmu-miR-298
10363	0.74	1.12×10^{-1}	1.88	-4.55	0.63	mmu-miR-31
8699	0.74	1.12×10^{-1}	1.87	-4.55	0.42	mmu-miR-125a-5p
13596	0.74	1.12×10^{-1}	1.87	-4.55	0.80	mmu-miR-31
7326	0.74	1.12×10^{-1}	1.87	-4.55	0.65	mmu-miR-449a
6158	0.74	1.12×10^{-1}	1.87	-4.55	3.76	mmu-miR-494
15213	0.74	1.12×10^{-1}	1.87	-4.55	0.99	mmu-miR-702
4444	0.74	1.12×10^{-1}	1.87	-4.55	0.68	mmu-miR-29b*
2436	0.74	1.13×10^{-1}	1.87	-4.55	0.75	mmu-miR-93
7079	0.74	1.13×10^{-1}	1.87	-4.55	1.74	
3576	0.74	1.13×10^{-1}	1.86	-4.55	1.64	mcmv-miR-m88-1*
3721	0.74	1.14×10^{-1}	1.86	-4.55	0.72	mmu-miR-92a
13592	0.74	1.14×10^{-1}	1.86	-4.55	0.88	mmu-miR-29a
6895	0.74	1.14×10^{-1}	1.86	-4.55	1.11	mmu-miR-206
605	0.74	1.14×10^{-1}	1.86	-4.55	1.66	mmu-miR-676
3146	0.74	1.14×10^{-1}	1.86	-4.55	0.73	mmu-miR-21
8744	0.74	1.15×10^{-1}	1.85	-4.55	0.42	mmu-miR-350
13157	0.74	1.15×10^{-1}	1.85	-4.55	0.74	mmu-miR-182
2936	0.74	1.15×10^{-1}	1.85	-4.55	1.06	mmu-miR-128
1334	0.74	1.15×10^{-1}	-1.85	-4.55	-0.56	mmu-miR-27b
3378	0.74	1.15×10^{-1}	1.85	-4.55	1.26	mmu-miR-668
9463	0.74	1.15×10^{-1}	1.85	-4.55	2.83	mmu-miR-320
6299	0.74	1.15×10^{-1}	-1.85	-4.55	-1.59	mmu-miR-221
12530	0.74	1.16×10^{-1}	1.85	-4.55	0.61	mmu-miR-16
3561	0.74	1.16×10^{-1}	1.85	-4.55	0.73	mmu-miR-92a
12424	0.74	1.17×10^{-1}	1.84	-4.55	0.43	mmu-miR-30d
5786	0.74	1.17×10^{-1}	1.84	-4.55	0.82	mmu-miR-29a
4560	0.74	1.17×10^{-1}	1.84	-4.55	4.24	mmu-miR-1187

9157	0.74	1.17x10 ⁻¹	1.84	-4.55	1.73	mmu-miR-206
463	0.74	1.18x10 ⁻¹	-1.84	-4.55	-0.67	mmu-miR-223
5792	0.74	1.18x10 ⁻¹	1.84	-4.55	1.53	mmu-miR-1895
9702	0.74	1.18x10 ⁻¹	1.84	-4.55	0.69	mmu-miR-182
3884	0.74	1.18x10 ⁻¹	1.84	-4.55	0.56	mmu-miR-210
4467	0.74	1.18x10 ⁻¹	1.83	-4.55	0.80	mmu-miR-29a
11151	0.74	1.19x10 ⁻¹	1.83	-4.55	0.92	mmu-miR-484
12223	0.74	1.19x10 ⁻¹	1.83	-4.55	0.53	mmu-miR-106b
7628	0.74	1.20x10 ⁻¹	1.82	-4.55	0.64	mmu-miR-872
5020	0.74	1.21x10 ⁻¹	1.81	-4.55	0.66	mmu-miR-296-5p
3330	0.74	1.22x10 ⁻¹	1.81	-4.55	2.02	mmu-miR-1187
12301	0.74	1.22x10 ⁻¹	-1.81	-4.55	-1.62	mmu-miR-148a
12564	0.74	1.22x10 ⁻¹	1.81	-4.55	0.75	mmu-miR-29a
6048	0.74	1.23x10 ⁻¹	1.81	-4.55	0.52	mmu-miR-28
3471	0.74	1.23x10 ⁻¹	1.80	-4.55	1.62	mmu-miR-7a
4060	0.74	1.23x10 ⁻¹	1.80	-4.55	0.74	mmu-miR-21
184	0.74	1.23x10 ⁻¹	-1.80	-4.55	-1.61	mmu-miR-190b
5135	0.74	1.23x10 ⁻¹	1.80	-4.55	0.82	mmu-miR-29a
10891	0.74	1.24x10 ⁻¹	-1.80	-4.55	-0.41	mmu-miR-30c
3018	0.74	1.24x10 ⁻¹	1.80	-4.55	1.33	
10224	0.74	1.24x10 ⁻¹	1.80	-4.55	0.68	mmu-miR-29a
13645	0.74	1.25x10 ⁻¹	1.79	-4.55	0.75	mmu-miR-29a
1720	0.74	1.25x10 ⁻¹	1.79	-4.55	0.71	mmu-miR-29a
11600	0.74	1.25x10 ⁻¹	1.79	-4.55	0.74	mmu-miR-21
2645	0.74	1.25x10 ⁻¹	1.79	-4.55	0.47	mmu-miR-210
3318	0.74	1.25x10 ⁻¹	1.79	-4.55	0.59	mmu-miR-99b
6655	0.74	1.25x10 ⁻¹	1.79	-4.55	0.60	mmu-miR-99b
14475	0.74	1.25x10 ⁻¹	1.79	-4.55	0.77	mmu-miR-25
10145	0.74	1.25x10 ⁻¹	1.79	-4.55	0.78	mmu-miR-20b
11686	0.74	1.26x10 ⁻¹	1.79	-4.55	0.64	mmu-miR-31
11972	0.74	1.26x10 ⁻¹	1.79	-4.55	1.17	mmu-miR-34a
5615	0.74	1.26x10 ⁻¹	1.79	-4.55	1.10	mmu-miR-34b-5p
12356	0.74	1.27x10 ⁻¹	1.78	-4.55	0.70	mmu-miR-92a
14830	0.74	1.27x10 ⁻¹	-1.78	-4.55	-2.17	mmu-miR-186
11648	0.74	1.27x10 ⁻¹	1.78	-4.55	0.41	mmu-let-7e
13213	0.74	1.27x10 ⁻¹	1.78	-4.55	0.53	mmu-miR-151-5p
8686	0.74	1.27x10 ⁻¹	1.78	-4.55	0.73	mmu-miR-29a
15179	0.74	1.28x10 ⁻¹	-1.78	-4.55	-1.43	mmu-miR-27b
549	0.74	1.28x10 ⁻¹	-1.78	-4.55	-0.83	mmu-miR-465a-3p
14418	0.74	1.28x10 ⁻¹	1.77	-4.55	0.73	mmu-miR-29a
7178	0.74	1.29x10 ⁻¹	-1.77	-4.55	-1.45	mmu-miR-201
3765	0.74	1.29x10 ⁻¹	1.77	-4.55	2.00	mmu-miR-135a*
9405	0.74	1.30x10 ⁻¹	1.77	-4.55	0.58	mmu-miR-182
5681	0.74	1.30x10 ⁻¹	1.76	-4.55	0.59	mmu-miR-193b
4896	0.74	1.30x10 ⁻¹	1.76	-4.55	1.31	mmu-miR-721
6523	0.74	1.31x10 ⁻¹	1.76	-4.55	0.63	mmu-miR-31

1592	0.74	1.31x10 ⁻¹	1.76	-4.55	1.70	mmu-miR-574-5p
2703	0.74	1.31x10 ⁻¹	1.76	-4.55	1.05	mmu-miR-29c
7674	0.74	1.31x10 ⁻¹	1.76	-4.55	0.43	mmu-miR-500
8340	0.74	1.32x10 ⁻¹	1.75	-4.55	0.56	mmu-miR-365
639	0.74	1.32x10 ⁻¹	1.75	-4.55	0.72	
145	0.74	1.32x10 ⁻¹	1.75	-4.55	0.47	mmu-miR-23a
2161	0.74	1.33x10 ⁻¹	-1.75	-4.55	-1.79	mmu-miR-145*
10001	0.74	1.33x10 ⁻¹	1.75	-4.55	0.62	mmu-miR-93
9865	0.74	1.33x10 ⁻¹	1.75	-4.55	1.69	mmu-miR-186
10626	0.74	1.33x10 ⁻¹	-1.75	-4.55	-0.63	mmu-miR-497
12325	0.74	1.33x10 ⁻¹	-1.74	-4.55	-1.81	mmu-miR-223
5583	0.74	1.33x10 ⁻¹	1.74	-4.55	1.44	mmu-miR-743a
13117	0.74	1.34x10 ⁻¹	-1.74	-4.55	-1.39	mmu-miR-298
492	0.74	1.34x10 ⁻¹	-1.74	-4.55	-1.76	mmu-miR-27b*
5793	0.74	1.34x10 ⁻¹	1.74	-4.55	1.19	mmu-miR-484
10048	0.74	1.35x10 ⁻¹	1.74	-4.55	0.64	mmu-miR-193b
6243	0.74	1.35x10 ⁻¹	1.74	-4.55	1.07	mmu-miR-34b-5p
15549	0.74	1.35x10 ⁻¹	1.74	-4.55	0.69	mmu-miR-92a
8386	0.74	1.35x10 ⁻¹	1.73	-4.55	4.18	mmu-miR-320
7532	0.74	1.35x10 ⁻¹	-1.73	-4.55	-1.62	mmu-miR-539
8484	0.74	1.36x10 ⁻¹	1.73	-4.55	0.62	mmu-miR-130b*
11840	0.74	1.36x10 ⁻¹	1.73	-4.55	1.23	mmu-miR-196b
13517	0.74	1.36x10 ⁻¹	1.73	-4.55	1.28	mmu-miR-298
4695	0.74	1.37x10 ⁻¹	1.73	-4.55	0.77	mmu-miR-206
5387	0.74	1.38x10 ⁻¹	-1.72	-4.55	-0.74	mmu-miR-30a*
5497	0.74	1.38x10 ⁻¹	1.72	-4.55	0.63	mmu-miR-151-5p
2759	0.74	1.39x10 ⁻¹	1.72	-4.56	0.75	mmu-miR-19b
7412	0.74	1.39x10 ⁻¹	-1.71	-4.56	-0.85	mmu-miR-31*
5420	0.74	1.39x10 ⁻¹	1.71	-4.56	0.81	mmu-miR-140*
12599	0.74	1.39x10 ⁻¹	1.71	-4.56	0.73	mmu-miR-21
15045	0.74	1.40x10 ⁻¹	1.71	-4.56	0.83	mmu-miR-20a
6459	0.74	1.40x10 ⁻¹	1.71	-4.56	0.61	mmu-miR-31
3472	0.74	1.40x10 ⁻¹	1.71	-4.56	0.81	mmu-miR-20a
13077	0.74	1.40x10 ⁻¹	1.71	-4.56	0.65	mmu-miR-19b
13476	0.74	1.41x10 ⁻¹	1.71	-4.56	1.89	mmu-miR-574-5p
1774	0.74	1.41x10 ⁻¹	1.70	-4.56	1.08	mmu-miR-715
7652	0.74	1.42x10 ⁻¹	1.70	-4.56	0.74	mmu-miR-26a
6078	0.74	1.42x10 ⁻¹	-1.70	-4.56	-1.82	mmu-miR-211
15083	0.74	1.42x10 ⁻¹	-1.70	-4.56	-0.77	mmu-miR-98
9246	0.74	1.42x10 ⁻¹	1.70	-4.56	0.59	mmu-miR-20b
14173	0.74	1.43x10 ⁻¹	1.70	-4.56	1.26	mmu-miR-1897-5p
11902	0.74	1.43x10 ⁻¹	1.69	-4.56	1.12	mmu-miR-709
9587	0.74	1.43x10 ⁻¹	1.69	-4.56	1.23	mmu-miR-122
6710	0.74	1.44x10 ⁻¹	1.69	-4.56	0.53	mmu-miR-183
9262	0.74	1.44x10 ⁻¹	1.69	-4.56	1.95	mmu-miR-34c
5849	0.74	1.44x10 ⁻¹	1.69	-4.56	1.41	mmu-miR-224

2224	0.74	1.45×10^{-1}	1.69	-4.56	3.02	mmu-miR-320
2333	0.74	1.45×10^{-1}	1.68	-4.56	1.92	mmu-miR-574-5p
3880	0.74	1.46×10^{-1}	1.68	-4.56	2.10	
4267	0.74	1.46×10^{-1}	1.68	-4.56	1.45	mmu-miR-449a
5619	0.74	1.46×10^{-1}	1.68	-4.56	1.65	mmu-miR-34c
5828	0.74	1.46×10^{-1}	1.68	-4.56	1.53	mmu-miR-1187
5097	0.74	1.47×10^{-1}	1.67	-4.56	0.81	
6348	0.74	1.47×10^{-1}	1.67	-4.56	0.64	mmu-miR-100
14466	0.74	1.47×10^{-1}	1.67	-4.56	1.93	mmu-miR-544
5577	0.74	1.47×10^{-1}	1.67	-4.56	1.23	mmu-miR-1892
954	0.74	1.48×10^{-1}	-1.67	-4.56	-3.51	
14163	0.74	1.48×10^{-1}	1.67	-4.56	2.13	mmu-miR-135a*
11148	0.74	1.48×10^{-1}	-1.67	-4.56	-0.99	mg hv-miR-M1-2
9672	0.74	1.49×10^{-1}	1.66	-4.56	0.51	mmu-miR-34c
9707	0.74	1.49×10^{-1}	1.66	-4.56	1.90	mmu-miR-34b-5p
6213	0.74	1.50×10^{-1}	1.66	-4.56	0.73	mmu-miR-125a-5p
4188	0.74	1.50×10^{-1}	1.66	-4.56	0.62	mmu-miR-29c
4564	0.74	1.50×10^{-1}	1.66	-4.56	0.63	mmu-miR-31
8123	0.74	1.50×10^{-1}	1.66	-4.56	0.45	mmu-miR-183
1801	0.74	1.51×10^{-1}	1.66	-4.56	0.63	
6762	0.74	1.51×10^{-1}	1.66	-4.56	0.54	mmu-miR-345-5p
1824	0.74	1.51×10^{-1}	1.65	-4.56	1.04	mmu-miR-136
2303	0.74	1.51×10^{-1}	1.65	-4.56	1.08	mmu-miR-672
6252	0.74	1.51×10^{-1}	1.65	-4.56	0.56	mmu-miR-99b
14178	0.74	1.51×10^{-1}	1.65	-4.56	0.55	mmu-miR-25
14113	0.74	1.52×10^{-1}	1.65	-4.56	0.60	mg hv-miR-M1-2
6111	0.74	1.52×10^{-1}	1.65	-4.56	1.65	mmu-miR-362-5p
8600	0.74	1.52×10^{-1}	1.65	-4.56	0.81	mmu-miR-206
8259	0.74	1.52×10^{-1}	-1.65	-4.56	-0.61	mmu-miR-365
7193	0.74	1.52×10^{-1}	1.65	-4.56	0.44	mmu-miR-125a-5p
14024	0.74	1.53×10^{-1}	1.65	-4.56	0.40	mmu-miR-28
4499	0.74	1.53×10^{-1}	1.64	-4.56	0.63	mmu-miR-182
593	0.74	1.54×10^{-1}	1.64	-4.56	0.43	mmu-miR-151-5p
11852	0.74	1.54×10^{-1}	1.64	-4.56	0.61	
7056	0.74	1.54×10^{-1}	1.64	-4.56	1.01	mmu-miR-709
13751	0.74	1.54×10^{-1}	1.64	-4.56	1.13	mmu-miR-29c
2984	0.74	1.54×10^{-1}	1.64	-4.56	0.65	mmu-miR-21
15328	0.74	1.54×10^{-1}	-1.64	-4.56	-1.96	mmu-miR-186
8052	0.74	1.54×10^{-1}	1.64	-4.56	0.66	mmu-miR-331-3p
6937	0.74	1.54×10^{-1}	1.64	-4.56	0.58	mmu-miR-31
11014	0.74	1.55×10^{-1}	1.64	-4.56	0.96	mmu-miR-34b-5p
14060	0.74	1.55×10^{-1}	1.64	-4.56	0.54	mmu-miR-99b
4296	0.74	1.55×10^{-1}	1.64	-4.56	0.51	mmu-miR-324-5p
14368	0.74	1.55×10^{-1}	1.63	-4.56	0.56	mmu-miR-99b
12678	0.74	1.55×10^{-1}	-1.63	-4.56	-0.70	mmu-miR-590-3p
647	0.74	1.55×10^{-1}	-1.63	-4.56	-1.54	mmu-miR-345-5p

5851	0.74	1.56x10 ⁻¹	1.63	-4.56	0.54	mmu-miR-350
5435	0.74	1.56x10 ⁻¹	1.63	-4.56	1.40	mmu-miR-669a
15621	0.74	1.56x10 ⁻¹	-1.63	-4.56	-1.71	mmu-miR-362-3p
9217	0.74	1.56x10 ⁻¹	1.63	-4.56	0.67	mmu-miR-92a
6412	0.74	1.56x10 ⁻¹	1.63	-4.56	1.46	mmu-miR-224
6593	0.74	1.56x10 ⁻¹	1.63	-4.56	0.42	mmu-miR-362-5p
15587	0.74	1.57x10 ⁻¹	1.62	-4.56	3.46	mmu-miR-494
9439	0.74	1.58x10 ⁻¹	-1.62	-4.56	-0.40	mg hv-miR-M1-2
8016	0.74	1.58x10 ⁻¹	-1.62	-4.56	-1.13	mmu-miR-376b
12883	0.74	1.58x10 ⁻¹	1.62	-4.56	0.88	mmu-miR-34b-5p
2639	0.74	1.58x10 ⁻¹	1.62	-4.56	1.67	mmu-miR-17*
9166	0.74	1.58x10 ⁻¹	1.62	-4.56	0.63	mmu-miR-497
6621	0.74	1.58x10 ⁻¹	1.62	-4.56	1.88	
6529	0.74	1.59x10 ⁻¹	1.62	-4.56	0.95	mmu-miR-196b
15659	0.74	1.59x10 ⁻¹	-1.62	-4.56	-1.39	mmu-miR-877*
5877	0.74	1.59x10 ⁻¹	-1.62	-4.56	-1.16	mmu-miR-7a
11471	0.74	1.59x10 ⁻¹	1.62	-4.56	0.89	mmu-miR-20a
2030	0.74	1.59x10 ⁻¹	1.61	-4.56	0.61	
1932	0.74	1.60x10 ⁻¹	1.61	-4.56	0.57	mmu-miR-30d
1215	0.74	1.61x10 ⁻¹	1.61	-4.56	1.49	mmu-miR-15b*
2987	0.74	1.61x10 ⁻¹	1.61	-4.56	0.55	
12462	0.74	1.62x10 ⁻¹	-1.60	-4.56	-0.61	mmu-let-7f*
15417	0.74	1.62x10 ⁻¹	-1.60	-4.56	-0.49	
7264	0.74	1.62x10 ⁻¹	1.60	-4.56	0.66	mmu-miR-28
14984	0.74	1.62x10 ⁻¹	1.60	-4.56	0.43	
9669	0.74	1.62x10 ⁻¹	1.60	-4.56	1.68	mmu-miR-29b*
14634	0.74	1.63x10 ⁻¹	1.60	-4.56	0.70	mmu-miR-92a
7742	0.74	1.64x10 ⁻¹	1.59	-4.56	0.41	mmu-miR-140
8142	0.74	1.64x10 ⁻¹	1.59	-4.56	2.13	mmu-miR-702
4593	0.74	1.64x10 ⁻¹	1.59	-4.56	2.10	mmu-miR-451
11555	0.74	1.64x10 ⁻¹	1.59	-4.56	0.70	mmu-miR-21
1881	0.74	1.65x10 ⁻¹	1.59	-4.56	0.60	mmu-miR-182
886	0.74	1.65x10 ⁻¹	1.59	-4.56	0.83	mg hv-miR-M1-2
7995	0.74	1.65x10 ⁻¹	-1.59	-4.56	-0.40	mmu-miR-30a
5983	0.74	1.65x10 ⁻¹	1.59	-4.56	0.94	mmu-miR-1906
4782	0.74	1.66x10 ⁻¹	1.59	-4.56	0.68	mmu-miR-92a
7429	0.74	1.66x10 ⁻¹	1.58	-4.56	0.58	
11198	0.74	1.66x10 ⁻¹	1.58	-4.56	1.09	mmu-miR-702
3424	0.74	1.66x10 ⁻¹	1.58	-4.56	0.90	mmu-miR-140*
3720	0.74	1.66x10 ⁻¹	1.58	-4.56	0.62	
4996	0.74	1.67x10 ⁻¹	-1.58	-4.56	-2.82	
13683	0.74	1.67x10 ⁻¹	1.58	-4.56	0.50	mmu-miR-28
994	0.74	1.67x10 ⁻¹	1.58	-4.56	0.76	mmu-miR-26a
7024	0.74	1.67x10 ⁻¹	1.58	-4.56	0.71	mmu-miR-92a
13559	0.74	1.67x10 ⁻¹	1.58	-4.56	0.41	mmu-miR-22
10788	0.74	1.67x10 ⁻¹	1.58	-4.56	0.72	mmu-miR-29a

6546	0.74	1.68×10^{-1}	1.58	-4.56	1.61	mmu-miR-574-5p
2576	0.74	1.68×10^{-1}	1.58	-4.56	0.78	mmu-miR-450b-5p
11221	0.74	1.68×10^{-1}	1.57	-4.56	1.03	mmu-miR-709
12344	0.74	1.68×10^{-1}	1.57	-4.56	0.61	mmu-miR-182
5627	0.74	1.68×10^{-1}	1.57	-4.56	0.39	mmu-miR-149
12779	0.74	1.69×10^{-1}	1.57	-4.56	0.97	mmu-miR-29c
1055	0.74	1.69×10^{-1}	1.57	-4.56	0.61	mmu-miR-193b
7169	0.74	1.69×10^{-1}	1.57	-4.56	1.05	mmu-miR-223
3380	0.74	1.69×10^{-1}	1.57	-4.56	0.45	mmu-let-7e
8293	0.74	1.69×10^{-1}	1.57	-4.56	0.66	mmu-miR-125a-5p
10281	0.74	1.70×10^{-1}	1.57	-4.56	0.62	mmu-miR-185
6629	0.74	1.70×10^{-1}	1.57	-4.56	0.36	
9225	0.74	1.71×10^{-1}	1.56	-4.56	0.80	mmu-miR-324-3p
9551	0.74	1.72×10^{-1}	1.56	-4.56	2.83	mmu-miR-1894-3p
11647	0.74	1.72×10^{-1}	1.56	-4.56	0.76	mmu-miR-34b-5p
12957	0.74	1.72×10^{-1}	1.56	-4.56	0.65	mmu-miR-20a
6075	0.74	1.72×10^{-1}	1.56	-4.56	0.47	mmu-miR-331-3p
10741	0.74	1.72×10^{-1}	-1.56	-4.56	-1.11	mmu-miR-872
3593	0.74	1.72×10^{-1}	1.56	-4.56	1.01	mmu-miR-34b-5p
6833	0.74	1.73×10^{-1}	1.56	-4.56	0.73	mmu-miR-331-3p
8557	0.74	1.73×10^{-1}	1.55	-4.56	0.49	mmu-miR-193b
9427	0.74	1.73×10^{-1}	1.55	-4.56	0.86	mmu-miR-34b-5p
10538	0.74	1.73×10^{-1}	1.55	-4.56	0.68	mmu-miR-10b
13822	0.74	1.73×10^{-1}	1.55	-4.56	0.49	mmu-miR-30d
14986	0.74	1.73×10^{-1}	-1.55	-4.56	-0.38	mmu-miR-30a
258	0.74	1.74×10^{-1}	1.55	-4.56	1.15	mmu-miR-876-5p
129	0.74	1.74×10^{-1}	-1.55	-4.56	-0.97	mmu-miR-29b
14103	0.74	1.74×10^{-1}	1.55	-4.56	2.99	mmu-miR-689
12263	0.74	1.75×10^{-1}	1.55	-4.56	0.70	mmu-miR-203*
14133	0.74	1.75×10^{-1}	-1.55	-4.56	-1.29	mmu-miR-122
11830	0.74	1.75×10^{-1}	-1.55	-4.56	-1.14	
6314	0.74	1.75×10^{-1}	1.55	-4.56	0.56	mmu-miR-99b
1887	0.74	1.75×10^{-1}	1.54	-4.56	0.66	mmu-miR-149
5778	0.74	1.75×10^{-1}	1.54	-4.56	0.45	mmu-miR-22
9843	0.74	1.75×10^{-1}	-1.54	-4.56	-0.91	mmu-miR-324-5p
12463	0.74	1.76×10^{-1}	-1.54	-4.57	-2.10	mmu-miR-199a-3p
4975	0.74	1.76×10^{-1}	1.54	-4.57	1.00	mmu-miR-34b-5p
8987	0.74	1.77×10^{-1}	1.54	-4.57	2.14	mmu-miR-188-5p
3448	0.74	1.77×10^{-1}	1.54	-4.57	1.51	mmu-miR-365
5395	0.74	1.77×10^{-1}	1.54	-4.57	0.54	mmu-miR-182
4028	0.74	1.77×10^{-1}	1.54	-4.57	0.59	mmu-let-7b*
13603	0.74	1.77×10^{-1}	-1.54	-4.57	-1.41	mmu-miR-362-3p
4643	0.74	1.77×10^{-1}	1.54	-4.57	0.66	mmu-miR-29c
15211	0.74	1.77×10^{-1}	-1.53	-4.57	-0.63	mmu-miR-30a*
6023	0.74	1.78×10^{-1}	-1.53	-4.57	-1.01	mmu-miR-199a-3p
11588	0.74	1.78×10^{-1}	1.53	-4.57	1.46	mmu-miR-376c*

2631	0.74	1.78×10^{-1}	1.53	-4.57	0.76	mmu-miR-361
98	0.74	1.78×10^{-1}	1.53	-4.57	1.35	mmu-miR-188-5p
14386	0.74	1.78×10^{-1}	1.53	-4.57	0.93	mmu-miR-34b-5p
3321	0.74	1.79×10^{-1}	-1.53	-4.57	-1.24	mmu-miR-223
10464	0.74	1.79×10^{-1}	1.53	-4.57	0.50	
15336	0.74	1.79×10^{-1}	1.53	-4.57	0.71	mmu-miR-20a
10402	0.74	1.79×10^{-1}	1.53	-4.57	0.97	mmu-miR-34b-5p
4294	0.74	1.79×10^{-1}	1.53	-4.57	0.56	mmu-let-7b*
5832	0.74	1.80×10^{-1}	1.53	-4.57	2.03	mmu-miR-877*
6458	0.74	1.80×10^{-1}	1.53	-4.57	0.35	mmu-miR-140
8577	0.74	1.80×10^{-1}	1.53	-4.57	0.40	mmu-miR-125a-5p
6094	0.74	1.80×10^{-1}	1.52	-4.57	1.70	mmu-miR-499
91	0.74	1.80×10^{-1}	-1.52	-4.57	-0.45	mmu-miR-497
1305	0.74	1.80×10^{-1}	1.52	-4.57	1.56	mmu-miR-17*
3408	0.74	1.80×10^{-1}	1.52	-4.57	0.54	mmu-miR-183
5452	0.74	1.81×10^{-1}	1.52	-4.57	0.76	mmu-miR-20a
3240	0.74	1.82×10^{-1}	1.52	-4.57	0.79	mmu-miR-20a
3017	0.74	1.82×10^{-1}	1.51	-4.57	0.64	mmu-miR-709
13457	0.74	1.82×10^{-1}	1.51	-4.57	1.64	mmu-miR-221
6196	0.74	1.83×10^{-1}	-1.51	-4.57	-0.44	mmu-miR-30a
5697	0.74	1.83×10^{-1}	1.51	-4.57	0.91	mmu-miR-34b-5p
6698	0.74	1.83×10^{-1}	1.51	-4.57	0.59	mmu-miR-872
10179	0.74	1.83×10^{-1}	1.51	-4.57	0.50	
10641	0.74	1.84×10^{-1}	1.51	-4.57	0.79	mmu-miR-20a
903	0.74	1.84×10^{-1}	1.51	-4.57	0.61	mmu-miR-380-3p
9085	0.74	1.84×10^{-1}	-1.51	-4.57	-0.47	mmu-miR-7b
13813	0.74	1.84×10^{-1}	1.51	-4.57	0.41	mmu-miR-106b
7407	0.74	1.84×10^{-1}	1.51	-4.57	0.52	
14771	0.74	1.84×10^{-1}	1.51	-4.57	0.36	mmu-miR-23a
9430	0.74	1.85×10^{-1}	1.51	-4.57	0.52	mmu-miR-674*
7984	0.74	1.85×10^{-1}	1.51	-4.57	0.95	mmu-miR-469
15508	0.74	1.85×10^{-1}	1.50	-4.57	0.65	mmu-miR-709
1528	0.74	1.85×10^{-1}	1.50	-4.57	0.41	mmu-miR-183
5612	0.74	1.86×10^{-1}	-1.50	-4.57	-0.40	mmu-miR-221
3089	0.74	1.86×10^{-1}	1.50	-4.57	0.43	mmu-miR-30d
398	0.74	1.86×10^{-1}	1.50	-4.57	0.87	mmu-miR-290-3p
489	0.74	1.86×10^{-1}	-1.50	-4.57	-2.78	mmu-miR-154
12055	0.74	1.86×10^{-1}	1.50	-4.57	0.91	mmu-miR-125a-5p
14013	0.74	1.87×10^{-1}	1.50	-4.57	0.84	mmu-miR-497
13241	0.74	1.87×10^{-1}	1.50	-4.57	1.70	mmu-miR-1895
3302	0.74	1.88×10^{-1}	1.49	-4.57	0.51	
13597	0.74	1.88×10^{-1}	-1.49	-4.57	-0.48	mmu-miR-27b
2836	0.74	1.88×10^{-1}	1.49	-4.57	2.60	mmu-miR-1906
6336	0.74	1.88×10^{-1}	1.49	-4.57	0.95	mmu-miR-34b-5p
3688	0.74	1.88×10^{-1}	1.49	-4.57	0.40	mmu-miR-99b
4024	0.74	1.88×10^{-1}	1.49	-4.57	2.39	mmu-miR-146a

9767	0.74	1.88x10 ⁻¹	1.49	-4.57	0.46	mmu-miR-155
11890	0.74	1.89x10 ⁻¹	1.49	-4.57	1.08	mmu-miR-92a
9222	0.74	1.89x10 ⁻¹	-1.49	-4.57	-1.11	mmu-miR-148a
15632	0.74	1.89x10 ⁻¹	-1.49	-4.57	-0.84	mmu-miR-298
9965	0.74	1.90x10 ⁻¹	1.48	-4.57	1.13	
2231	0.74	1.90x10 ⁻¹	1.48	-4.57	0.44	mmu-miR-30d
7791	0.74	1.91x10 ⁻¹	1.48	-4.57	1.80	mmu-miR-574-5p
3506	0.74	1.91x10 ⁻¹	-1.48	-4.57	-0.50	mmu-miR-98
1343	0.74	1.91x10 ⁻¹	1.48	-4.57	0.71	mmu-miR-20a
4719	0.74	1.91x10 ⁻¹	1.48	-4.57	0.86	mmu-miR-18a
4822	0.74	1.92x10 ⁻¹	-1.48	-4.57	-1.58	mmu-miR-877*
11379	0.74	1.92x10 ⁻¹	1.48	-4.57	0.58	
15726	0.74	1.93x10 ⁻¹	-1.47	-4.57	-1.03	mmu-miR-542-3p
7442	0.74	1.94x10 ⁻¹	1.47	-4.57	0.83	mmu-miR-92a
14810	0.74	1.94x10 ⁻¹	-1.47	-4.57	-1.44	mmu-miR-700
8517	0.74	1.94x10 ⁻¹	-1.47	-4.57	-0.61	mmu-miR-98
2474	0.74	1.94x10 ⁻¹	1.47	-4.57	0.52	
7867	0.74	1.94x10 ⁻¹	1.47	-4.57	0.69	mmu-miR-129-3p
3356	0.74	1.94x10 ⁻¹	1.47	-4.57	2.74	mmu-miR-181a
9143	0.74	1.95x10 ⁻¹	1.47	-4.57	0.38	mmu-miR-99b
4568	0.74	1.95x10 ⁻¹	1.47	-4.57	1.03	mmu-miR-20b
1336	0.74	1.95x10 ⁻¹	1.47	-4.57	0.40	mmu-miR-125a-5p
4569	0.74	1.95x10 ⁻¹	1.46	-4.57	1.03	mmu-miR-34b-5p
8402	0.74	1.95x10 ⁻¹	1.46	-4.57	0.51	
7720	0.74	1.95x10 ⁻¹	1.46	-4.57	0.34	mmu-miR-183
5092	0.74	1.95x10 ⁻¹	-1.46	-4.57	-1.40	mmu-miR-471
3454	0.74	1.96x10 ⁻¹	1.46	-4.57	0.65	mmu-miR-709
8563	0.74	1.96x10 ⁻¹	-1.46	-4.57	-2.18	
1523	0.74	1.96x10 ⁻¹	1.46	-4.57	1.30	mmu-miR-1897-5p
12329	0.74	1.97x10 ⁻¹	1.46	-4.57	1.41	mmu-miR-1895
7023	0.74	1.97x10 ⁻¹	1.46	-4.57	0.36	mmu-miR-22
13531	0.74	1.97x10 ⁻¹	1.46	-4.57	0.65	mmu-miR-709
13967	0.74	1.97x10 ⁻¹	1.46	-4.57	0.93	mmu-miR-30d
909	0.74	1.97x10 ⁻¹	1.46	-4.57	1.81	mmu-miR-93
5749	0.74	1.97x10 ⁻¹	1.46	-4.57	1.85	mcmv-miR-M23-1-5p
4724	0.74	1.98x10 ⁻¹	1.45	-4.57	1.62	mmu-miR-574-5p
2699	0.74	1.98x10 ⁻¹	1.45	-4.57	0.46	mmu-miR-99b
10820	0.74	1.98x10 ⁻¹	1.45	-4.57	0.65	mmu-miR-31
12082	0.74	1.99x10 ⁻¹	1.45	-4.57	0.62	mmu-miR-206
13498	0.74	2.00x10 ⁻¹	1.45	-4.57	0.46	mmu-miR-361
12711	0.74	2.00x10 ⁻¹	1.44	-4.57	0.48	mmu-miR-206
10600	0.74	2.01x10 ⁻¹	1.44	-4.57	0.85	mmu-miR-30b
7394	0.74	2.01x10 ⁻¹	1.44	-4.57	0.39	mmu-miR-16
10470	0.74	2.01x10 ⁻¹	1.44	-4.57	1.07	mmu-miR-92a
7216	0.74	2.01x10 ⁻¹	1.44	-4.57	0.43	mmu-miR-125a-5p
7455	0.74	2.02x10 ⁻¹	1.44	-4.57	1.08	

7825	0.74	2.02×10^{-1}	1.44	-4.57	0.76	mmu-let-7f*
81	0.74	2.02×10^{-1}	1.44	-4.57	0.35	
2286	0.74	2.02×10^{-1}	1.44	-4.57	0.58	mmu-miR-361
12991	0.74	2.02×10^{-1}	1.44	-4.57	1.15	mmu-miR-34c
6214	0.74	2.02×10^{-1}	1.44	-4.57	0.87	mmu-miR-30d
10280	0.74	2.02×10^{-1}	1.44	-4.57	0.66	mmu-miR-125a-5p
13134	0.74	2.03×10^{-1}	1.44	-4.57	0.69	mmu-miR-20a
2227	0.74	2.03×10^{-1}	1.43	-4.57	0.64	mmu-miR-193b
13744	0.74	2.03×10^{-1}	1.43	-4.57	0.50	
8423	0.74	2.03×10^{-1}	1.43	-4.57	0.90	mmu-miR-709
3142	0.74	2.03×10^{-1}	1.43	-4.57	0.73	mmu-miR-99b
7140	0.74	2.03×10^{-1}	1.43	-4.57	1.71	mmu-miR-148a
14414	0.74	2.03×10^{-1}	1.43	-4.57	0.88	mmu-miR-136*
6928	0.74	2.04×10^{-1}	1.43	-4.57	0.40	mmu-miR-23a
3450	0.74	2.04×10^{-1}	1.43	-4.57	0.40	mmu-miR-26b
11810	0.74	2.04×10^{-1}	-1.43	-4.57	-0.70	mmu-miR-378
4168	0.74	2.04×10^{-1}	-1.43	-4.57	-2.09	mmu-miR-136
10125	0.74	2.05×10^{-1}	1.43	-4.57	0.35	mmu-let-7c
2532	0.74	2.05×10^{-1}	1.43	-4.57	1.02	mmu-miR-7b
6286	0.74	2.06×10^{-1}	1.43	-4.57	0.37	mmu-miR-22
2496	0.74	2.06×10^{-1}	1.42	-4.57	0.51	mmu-miR-193b
4322	0.74	2.06×10^{-1}	1.42	-4.57	0.77	mmu-miR-324-3p
14558	0.74	2.07×10^{-1}	1.42	-4.57	1.55	mmu-miR-1187
6619	0.74	2.07×10^{-1}	1.42	-4.57	0.67	mmu-miR-29a
11336	0.74	2.07×10^{-1}	1.42	-4.57	0.37	mmu-miR-183
14675	0.74	2.08×10^{-1}	1.42	-4.57	0.56	
418	0.74	2.08×10^{-1}	1.42	-4.57	1.52	mmu-miR-135b
7131	0.74	2.08×10^{-1}	-1.42	-4.57	-3.04	mmu-miR-295
7035	0.74	2.08×10^{-1}	1.42	-4.57	0.84	mmu-miR-872
2125	0.74	2.08×10^{-1}	1.42	-4.57	0.69	mmu-miR-29a
15664	0.74	2.08×10^{-1}	-1.42	-4.57	-0.44	
15492	0.74	2.08×10^{-1}	1.42	-4.57	0.61	mmu-miR-92a
12955	0.74	2.09×10^{-1}	1.41	-4.57	1.65	mmu-miR-186*
15413	0.74	2.09×10^{-1}	-1.41	-4.57	-2.98	mmu-miR-337-5p
3016	0.74	2.09×10^{-1}	1.41	-4.57	0.38	mmu-miR-22
6637	0.74	2.09×10^{-1}	1.41	-4.57	0.37	mmu-miR-22
8274	0.74	2.10×10^{-1}	1.41	-4.57	0.45	mmu-miR-27a
13369	0.74	2.10×10^{-1}	1.41	-4.57	0.62	mmu-miR-1906
9482	0.74	2.11×10^{-1}	1.41	-4.57	0.57	mmu-miR-296-5p
11731	0.74	2.12×10^{-1}	1.40	-4.57	1.21	mmu-miR-155
11922	0.74	2.12×10^{-1}	1.40	-4.57	0.69	mmu-miR-29b
11835	0.74	2.12×10^{-1}	1.40	-4.57	0.72	mmu-miR-18a
12752	0.74	2.13×10^{-1}	-1.40	-4.57	-3.75	mmu-miR-18a*
5932	0.74	2.13×10^{-1}	1.40	-4.57	2.72	mmu-miR-152
3845	0.74	2.13×10^{-1}	-1.40	-4.57	-1.72	mmu-miR-802
7313	0.74	2.13×10^{-1}	1.40	-4.57	0.66	

347	0.74	2.14×10^{-1}	1.40	-4.57	0.39	mmu-miR-155
7489	0.74	2.14×10^{-1}	1.40	-4.57	0.38	mmu-miR-151-5p
10602	0.74	2.14×10^{-1}	1.39	-4.57	0.42	mmu-miR-106b
3462	0.74	2.14×10^{-1}	1.39	-4.57	0.36	mmu-miR-16
599	0.74	2.14×10^{-1}	1.39	-4.57	0.33	mmu-miR-151-5p
12583	0.74	2.15×10^{-1}	-1.39	-4.57	-1.54	mmu-miR-423-5p
11949	0.74	2.15×10^{-1}	-1.39	-4.57	-0.44	mmu-miR-345-5p
1252	0.74	2.16×10^{-1}	-1.39	-4.57	-0.60	mmu-miR-590-5p
349	0.74	2.16×10^{-1}	1.39	-4.57	0.34	mmu-miR-322
264	0.74	2.16×10^{-1}	1.39	-4.57	0.42	mmu-miR-350
5710	0.74	2.16×10^{-1}	1.39	-4.57	1.24	mmu-miR-146a
12902	0.74	2.18×10^{-1}	1.38	-4.57	0.52	mmu-miR-224
9748	0.74	2.18×10^{-1}	-1.38	-4.57	-0.69	mmu-miR-196b
2261	0.74	2.18×10^{-1}	1.38	-4.57	0.79	mg hv-miR-M1-2
13009	0.74	2.18×10^{-1}	-1.38	-4.57	-0.93	mmu-miR-191*
7371	0.74	2.18×10^{-1}	-1.38	-4.57	-0.90	
6293	0.74	2.18×10^{-1}	1.38	-4.57	0.45	mmu-let-7e
9466	0.74	2.19×10^{-1}	1.38	-4.57	0.64	mmu-miR-709
7562	0.74	2.19×10^{-1}	1.38	-4.57	0.88	mmu-miR-709
13269	0.74	2.19×10^{-1}	1.38	-4.57	0.75	mmu-miR-20a
11215	0.74	2.20×10^{-1}	1.38	-4.57	1.35	mmu-miR-301a
11707	0.74	2.20×10^{-1}	1.38	-4.57	0.41	
6206	0.74	2.20×10^{-1}	1.37	-4.57	0.30	mmu-miR-107
8056	0.74	2.20×10^{-1}	1.37	-4.57	1.58	mmu-miR-298
13876	0.74	2.21×10^{-1}	-1.37	-4.57	-2.02	mmu-miR-483*
2677	0.74	2.21×10^{-1}	1.37	-4.57	0.61	mmu-miR-92a
6865	0.74	2.21×10^{-1}	1.37	-4.57	0.34	mmu-miR-27a
6474	0.75	2.21×10^{-1}	1.37	-4.58	0.36	mmu-miR-22
10614	0.75	2.22×10^{-1}	1.37	-4.58	0.76	mmu-miR-668
3100	0.75	2.23×10^{-1}	1.36	-4.58	0.48	
4964	0.75	2.23×10^{-1}	1.36	-4.58	0.39	mmu-miR-16
2693	0.75	2.24×10^{-1}	-1.36	-4.58	-0.81	mmu-miR-668
9898	0.75	2.24×10^{-1}	1.36	-4.58	1.02	mg hv-miR-M1-7-3p
4720	0.75	2.24×10^{-1}	1.36	-4.58	0.90	
10800	0.75	2.25×10^{-1}	1.36	-4.58	0.90	mmu-miR-715
15028	0.75	2.25×10^{-1}	-1.36	-4.58	-0.40	mmu-miR-10b
11527	0.75	2.26×10^{-1}	1.36	-4.58	1.35	mmu-miR-1895
2952	0.75	2.26×10^{-1}	1.36	-4.58	0.38	mmu-let-7c
4737	0.75	2.26×10^{-1}	-1.35	-4.58	-0.35	mmu-miR-23b
1800	0.75	2.26×10^{-1}	1.35	-4.58	0.65	mmu-miR-29b*
11636	0.75	2.27×10^{-1}	1.35	-4.58	0.56	mmu-miR-182
5239	0.75	2.27×10^{-1}	1.35	-4.58	0.47	mmu-miR-155
3929	0.75	2.27×10^{-1}	1.35	-4.58	0.44	
3682	0.75	2.27×10^{-1}	1.35	-4.58	1.45	mmu-miR-574-5p
7110	0.75	2.27×10^{-1}	1.35	-4.58	0.37	mmu-miR-22
11323	0.75	2.27×10^{-1}	1.35	-4.58	0.53	mmu-miR-193b

1860	0.75	2.28×10^{-1}	1.35	-4.58	0.67	mmu-miR-345-5p
12928	0.75	2.28×10^{-1}	1.35	-4.58	0.36	mmu-miR-22
13513	0.75	2.28×10^{-1}	1.35	-4.58	1.32	mmu-miR-190
10380	0.75	2.28×10^{-1}	1.35	-4.58	0.94	mmu-miR-190b
11995	0.75	2.28×10^{-1}	1.35	-4.58	4.10	mmu-miR-721
2989	0.75	2.28×10^{-1}	1.35	-4.58	0.57	mmu-miR-296-5p
8894	0.75	2.29×10^{-1}	1.35	-4.58	1.02	
1170	0.75	2.29×10^{-1}	1.34	-4.58	0.75	mmu-miR-423-5p
1567	0.75	2.29×10^{-1}	1.34	-4.58	0.38	mmu-let-7e
10711	0.75	2.29×10^{-1}	1.34	-4.58	0.37	mmu-miR-22
8903	0.75	2.29×10^{-1}	1.34	-4.58	3.04	mmu-miR-338-3p
2522	0.75	2.30×10^{-1}	1.34	-4.58	0.82	mmu-miR-34b-5p
3497	0.75	2.30×10^{-1}	1.34	-4.58	0.34	mmu-miR-125a-5p
8396	0.75	2.30×10^{-1}	1.34	-4.58	0.60	mmu-miR-709
15692	0.75	2.30×10^{-1}	1.34	-4.58	1.05	mmu-miR-125a-3p
14071	0.75	2.31×10^{-1}	-1.34	-4.58	-1.80	mmu-miR-365
8211	0.75	2.31×10^{-1}	1.34	-4.58	0.67	mmu-miR-464
10465	0.75	2.31×10^{-1}	-1.34	-4.58	-0.44	mmu-miR-465a-3p
78	0.75	2.31×10^{-1}	1.34	-4.58	1.36	mmu-miR-181a
5252	0.75	2.31×10^{-1}	1.34	-4.58	0.63	mmu-miR-709
3055	0.75	2.32×10^{-1}	1.34	-4.58	0.45	mmu-miR-155
10674	0.75	2.33×10^{-1}	-1.33	-4.58	-0.60	mmu-miR-7a
7341	0.75	2.34×10^{-1}	1.33	-4.58	2.71	mmu-miR-1906
13725	0.75	2.35×10^{-1}	-1.32	-4.58	-1.02	mmu-let-7f*
1017	0.75	2.35×10^{-1}	1.32	-4.58	0.40	mmu-miR-28
15581	0.75	2.35×10^{-1}	-1.32	-4.58	-0.43	
9676	0.75	2.35×10^{-1}	1.32	-4.58	1.95	mmu-miR-152
7708	0.75	2.36×10^{-1}	1.32	-4.58	0.31	mmu-miR-672
6	0.75	2.36×10^{-1}	1.32	-4.58	0.35	mmu-miR-155
7434	0.75	2.36×10^{-1}	-1.32	-4.58	-0.67	mmu-miR-191*
1519	0.75	2.36×10^{-1}	1.32	-4.58	0.51	mmu-miR-31
13220	0.75	2.36×10^{-1}	1.32	-4.58	1.16	mmu-miR-1895
9093	0.75	2.36×10^{-1}	-1.32	-4.58	-0.60	mmu-miR-148b
3211	0.75	2.37×10^{-1}	1.32	-4.58	0.58	mmu-miR-449a
11350	0.75	2.37×10^{-1}	1.32	-4.58	0.59	mmu-miR-365
7663	0.75	2.37×10^{-1}	-1.32	-4.58	-0.55	mmu-miR-135b
8121	0.75	2.37×10^{-1}	1.32	-4.58	0.60	mmu-miR-709
10749	0.75	2.37×10^{-1}	-1.32	-4.58	-0.94	mmu-miR-702
397	0.75	2.37×10^{-1}	-1.32	-4.58	-0.32	mmu-miR-10b
82	0.75	2.38×10^{-1}	1.32	-4.58	0.51	
3685	0.75	2.38×10^{-1}	1.32	-4.58	0.44	
7120	0.75	2.39×10^{-1}	1.31	-4.58	0.31	
7403	0.75	2.39×10^{-1}	1.31	-4.58	0.48	mmu-miR-26b
15301	0.75	2.40×10^{-1}	-1.31	-4.58	-1.16	mmu-miR-223
7081	0.75	2.40×10^{-1}	1.31	-4.58	0.68	mmu-miR-29b
12627	0.75	2.40×10^{-1}	-1.31	-4.58	-0.60	mmu-miR-324-5p

10273	0.75	2.40x10 ⁻¹	1.31	-4.58	0.59	mmu-miR-709
8098	0.75	2.41x10 ⁻¹	1.31	-4.58	0.36	mmu-miR-125a-5p
7357	0.75	2.41x10 ⁻¹	1.31	-4.58	0.37	mmu-miR-125a-5p
3700	0.75	2.41x10 ⁻¹	1.30	-4.58	0.68	mmu-miR-20a
750	0.75	2.41x10 ⁻¹	-1.30	-4.58	-3.24	mmu-miR-30c-2*
6612	0.75	2.41x10 ⁻¹	-1.30	-4.58	-0.39	mmu-miR-30a
8050	0.75	2.41x10 ⁻¹	1.30	-4.58	0.36	mmu-miR-342-3p
9815	0.75	2.42x10 ⁻¹	1.30	-4.58	0.67	mmu-miR-20a
9070	0.75	2.42x10 ⁻¹	-1.30	-4.58	-0.93	mmu-miR-145*
6268	0.75	2.42x10 ⁻¹	1.30	-4.58	0.51	mmu-miR-29c
13689	0.75	2.42x10 ⁻¹	1.30	-4.58	0.61	mmu-miR-221
10514	0.75	2.44x10 ⁻¹	1.30	-4.58	0.41	mmu-miR-29c
9878	0.75	2.44x10 ⁻¹	1.30	-4.58	0.41	mmu-miR-155
3386	0.75	2.44x10 ⁻¹	1.30	-4.58	0.34	mmu-miR-151-5p
6995	0.75	2.44x10 ⁻¹	-1.30	-4.58	-0.47	mmu-miR-221
6138	0.75	2.45x10 ⁻¹	1.29	-4.58	0.54	mmu-miR-149
6172	0.75	2.45x10 ⁻¹	-1.29	-4.58	-0.73	mghv-miR-M1-7-3p
205	0.75	2.46x10 ⁻¹	1.29	-4.58	0.42	mmu-let-7e
9249	0.75	2.46x10 ⁻¹	1.29	-4.58	0.41	mmu-let-7e
10672	0.75	2.46x10 ⁻¹	1.29	-4.58	0.37	mmu-miR-210
15256	0.75	2.46x10 ⁻¹	1.29	-4.58	0.30	mmu-miR-183
3095	0.75	2.46x10 ⁻¹	-1.29	-4.58	-0.30	mmu-miR-324-5p
12385	0.75	2.47x10 ⁻¹	1.29	-4.58	0.85	mmu-miR-130b
1410	0.75	2.47x10 ⁻¹	1.29	-4.58	0.91	mmu-miR-25
15232	0.75	2.47x10 ⁻¹	-1.29	-4.58	-0.55	mmu-miR-10b
2761	0.75	2.48x10 ⁻¹	-1.29	-4.58	-0.35	mmu-miR-96
4107	0.75	2.48x10 ⁻¹	1.28	-4.58	0.36	mmu-miR-196a
12689	0.75	2.48x10 ⁻¹	-1.28	-4.58	-1.08	mmu-miR-380-3p
7194	0.76	2.49x10 ⁻¹	-1.28	-4.58	-0.41	mmu-miR-365
6998	0.76	2.49x10 ⁻¹	-1.28	-4.58	-0.81	
456	0.76	2.50x10 ⁻¹	-1.28	-4.58	-0.39	mmu-miR-30c
6264	0.76	2.50x10 ⁻¹	1.28	-4.58	1.21	mmu-miR-350
5257	0.76	2.50x10 ⁻¹	1.28	-4.58	0.65	
15224	0.76	2.50x10 ⁻¹	1.28	-4.58	0.35	mmu-miR-22
9491	0.76	2.51x10 ⁻¹	1.27	-4.58	1.07	mmu-miR-721
7162	0.76	2.51x10 ⁻¹	-1.27	-4.58	-0.99	mmu-miR-1-2-as
4551	0.76	2.51x10 ⁻¹	1.27	-4.58	0.36	mmu-miR-22
13024	0.76	2.52x10 ⁻¹	1.27	-4.58	0.29	mmu-miR-23a
4476	0.76	2.52x10 ⁻¹	-1.27	-4.58	-1.01	mmu-miR-500
12422	0.76	2.52x10 ⁻¹	1.27	-4.58	0.41	
7877	0.76	2.52x10 ⁻¹	1.27	-4.58	1.13	mmu-miR-125a-3p
10724	0.76	2.53x10 ⁻¹	1.27	-4.58	0.61	mmu-miR-872
11233	0.76	2.53x10 ⁻¹	1.27	-4.58	0.30	mmu-miR-22
1822	0.76	2.54x10 ⁻¹	1.27	-4.58	0.36	mmu-miR-196b
192	0.76	2.54x10 ⁻¹	1.27	-4.58	0.33	mmu-let-7c
9348	0.76	2.54x10 ⁻¹	1.26	-4.58	0.43	mmu-miR-30e

12019	0.76	2.54x10 ⁻¹	1.26	-4.58	2.34	
5334	0.76	2.55x10 ⁻¹	1.26	-4.58	0.40	mmu-miR-210
2482	0.76	2.55x10 ⁻¹	1.26	-4.58	0.42	mmu-miR-296-5p
9759	0.76	2.55x10 ⁻¹	1.26	-4.58	1.52	mmu-miR-469
12086	0.76	2.56x10 ⁻¹	1.26	-4.58	0.35	mmu-miR-210
13414	0.76	2.56x10 ⁻¹	1.26	-4.58	0.83	mmu-miR-1906
12547	0.76	2.56x10 ⁻¹	-1.26	-4.58	-0.59	mmu-miR-30a*
7344	0.76	2.56x10 ⁻¹	1.26	-4.58	0.30	mmu-miR-27a
10134	0.76	2.56x10 ⁻¹	-1.26	-4.58	-1.00	mghv-miR-M1-2
153	0.76	2.57x10 ⁻¹	1.26	-4.58	0.37	mmu-miR-151-5p
7396	0.76	2.57x10 ⁻¹	1.26	-4.58	0.54	mmu-miR-18a
2580	0.76	2.57x10 ⁻¹	1.26	-4.58	0.33	mmu-miR-361
6284	0.76	2.58x10 ⁻¹	1.25	-4.58	0.84	mmu-miR-702
2476	0.76	2.58x10 ⁻¹	-1.25	-4.58	-0.78	mmu-miR-509-3p
7733	0.76	2.58x10 ⁻¹	1.25	-4.58	0.58	mmu-miR-29b
4365	0.76	2.58x10 ⁻¹	1.25	-4.58	2.26	mmu-miR-34c
8430	0.76	2.59x10 ⁻¹	1.25	-4.58	0.52	mmu-miR-34b-5p
5347	0.76	2.59x10 ⁻¹	1.25	-4.58	0.34	mmu-miR-22
2321	0.76	2.60x10 ⁻¹	1.25	-4.58	0.28	mmu-miR-23a
11661	0.76	2.60x10 ⁻¹	1.25	-4.58	0.33	mmu-miR-296-5p
715	0.76	2.60x10 ⁻¹	1.25	-4.58	0.34	mmu-miR-22
5482	0.76	2.60x10 ⁻¹	1.25	-4.58	0.43	
12244	0.76	2.60x10 ⁻¹	1.25	-4.58	0.80	mmu-miR-709
13161	0.76	2.61x10 ⁻¹	-1.25	-4.58	-1.42	mmu-miR-211
15054	0.76	2.61x10 ⁻¹	1.24	-4.58	0.51	mmu-miR-26a
2378	0.76	2.62x10 ⁻¹	1.24	-4.58	0.37	mmu-miR-301a
11730	0.76	2.62x10 ⁻¹	1.24	-4.58	0.32	mmu-let-7c
6064	0.76	2.62x10 ⁻¹	1.24	-4.58	2.12	mghv-miR-M1-6
940	0.76	2.62x10 ⁻¹	1.24	-4.58	0.42	
11803	0.76	2.63x10 ⁻¹	-1.24	-4.58	-0.66	mmu-miR-98
782	0.76	2.63x10 ⁻¹	1.24	-4.58	0.30	mmu-miR-151-5p
12441	0.76	2.63x10 ⁻¹	1.24	-4.58	0.37	mmu-miR-22
11765	0.76	2.64x10 ⁻¹	1.24	-4.58	0.51	
15406	0.76	2.64x10 ⁻¹	-1.24	-4.58	-0.50	mmu-miR-672
1657	0.76	2.64x10 ⁻¹	-1.24	-4.58	-0.36	mmu-miR-30a
15482	0.76	2.64x10 ⁻¹	-1.24	-4.58	-0.34	mmu-miR-376c*
15479	0.76	2.65x10 ⁻¹	1.23	-4.58	0.58	mmu-miR-141
9714	0.76	2.65x10 ⁻¹	1.23	-4.58	0.49	mmu-miR-210
7235	0.76	2.66x10 ⁻¹	1.23	-4.58	0.41	
5293	0.76	2.66x10 ⁻¹	1.23	-4.58	0.32	mmu-miR-331-3p
10198	0.76	2.66x10 ⁻¹	-1.23	-4.58	-0.45	mmu-miR-30a*
1834	0.76	2.67x10 ⁻¹	1.23	-4.58	0.28	
5102	0.76	2.68x10 ⁻¹	1.23	-4.58	0.61	mmu-miR-29b
3426	0.76	2.68x10 ⁻¹	1.23	-4.58	0.88	mmu-miR-29b
6145	0.76	2.69x10 ⁻¹	1.22	-4.58	0.39	mmu-miR-151-5p
3277	0.77	2.70x10 ⁻¹	1.22	-4.58	0.43	mmu-miR-155

15650	0.77	2.71×10^{-1}	1.22	-4.58	0.49	mmu-miR-709
2351	0.77	2.71×10^{-1}	1.22	-4.58	0.63	mmu-miR-653
9960	0.77	2.72×10^{-1}	1.21	-4.58	0.91	mmu-miR-543
14958	0.77	2.72×10^{-1}	1.21	-4.58	0.29	mmu-miR-24
8521	0.77	2.73×10^{-1}	1.21	-4.58	1.56	mmu-miR-574-5p
14481	0.77	2.73×10^{-1}	1.21	-4.58	0.35	mmu-miR-99b
7640	0.77	2.73×10^{-1}	-1.21	-4.58	-0.88	mmu-let-7a*
2568	0.77	2.74×10^{-1}	1.21	-4.58	1.74	mcmv-miR-m88-1*
3622	0.77	2.74×10^{-1}	-1.21	-4.58	-1.14	mmu-let-7f*
4018	0.77	2.74×10^{-1}	1.21	-4.58	0.80	mmu-miR-23b
10241	0.77	2.75×10^{-1}	-1.20	-4.58	-0.62	mmu-miR-221
934	0.77	2.75×10^{-1}	1.20	-4.58	0.54	mmu-miR-18a
588	0.77	2.75×10^{-1}	1.20	-4.58	0.55	mmu-miR-196a
9016	0.77	2.76×10^{-1}	1.20	-4.58	1.17	mmu-miR-302b
3811	0.77	2.76×10^{-1}	-1.20	-4.58	-0.85	mghv-miR-M1-6
5957	0.77	2.77×10^{-1}	1.20	-4.58	1.86	mmu-miR-668
11175	0.77	2.77×10^{-1}	1.20	-4.58	0.43	
2992	0.78	2.77×10^{-1}	1.20	-4.58	0.40	mmu-miR-106b
9178	0.78	2.78×10^{-1}	-1.20	-4.59	-0.96	mmu-miR-10b
11460	0.78	2.79×10^{-1}	1.19	-4.59	1.08	
6015	0.78	2.79×10^{-1}	1.19	-4.59	0.33	mmu-miR-16
8829	0.78	2.80×10^{-1}	-1.19	-4.59	-1.08	mmu-miR-741
15233	0.78	2.80×10^{-1}	-1.19	-4.59	-0.98	mmu-miR-425*
12946	0.78	2.80×10^{-1}	1.19	-4.59	0.39	
7358	0.78	2.80×10^{-1}	1.19	-4.59	0.43	mmu-miR-193b
7210	0.78	2.81×10^{-1}	1.19	-4.59	1.38	mmu-miR-1187
5857	0.78	2.81×10^{-1}	1.19	-4.59	0.34	mmu-miR-23a
4958	0.78	2.82×10^{-1}	1.19	-4.59	1.00	mmu-miR-181d
2494	0.78	2.84×10^{-1}	1.18	-4.59	0.29	
9792	0.78	2.84×10^{-1}	1.18	-4.59	0.59	mmu-miR-469
10857	0.78	2.84×10^{-1}	-1.18	-4.59	-0.36	mmu-miR-10b
704	0.78	2.84×10^{-1}	1.18	-4.59	0.39	mmu-miR-19b
196	0.78	2.84×10^{-1}	1.18	-4.59	0.45	mmu-miR-23a
5550	0.79	2.86×10^{-1}	1.17	-4.59	0.33	mmu-miR-22
6512	0.79	2.87×10^{-1}	1.17	-4.59	0.49	mmu-miR-130b
11228	0.79	2.87×10^{-1}	-1.17	-4.59	-0.31	mmu-miR-652
3309	0.79	2.88×10^{-1}	1.17	-4.59	0.62	mmu-miR-223
8184	0.79	2.88×10^{-1}	-1.17	-4.59	-0.58	mmu-let-7b*
11152	0.79	2.89×10^{-1}	1.17	-4.59	0.72	mmu-miR-298
6044	0.79	2.89×10^{-1}	1.17	-4.59	0.33	mmu-miR-23a
11606	0.79	2.90×10^{-1}	1.17	-4.59	0.35	mmu-miR-29c
8938	0.79	2.90×10^{-1}	1.16	-4.59	1.09	mmu-miR-197
12608	0.79	2.91×10^{-1}	1.16	-4.59	0.81	mmu-miR-29b
11536	0.79	2.91×10^{-1}	-1.16	-4.59	-0.92	mmu-miR-466j
3574	0.79	2.92×10^{-1}	-1.16	-4.59	-1.29	mmu-miR-130b*
13659	0.79	2.92×10^{-1}	1.16	-4.59	2.07	mmu-miR-574-5p

11489	0.79	2.92x10 ⁻¹	1.16	-4.59	0.83	mmu-miR-1897-5p
422	0.79	2.93x10 ⁻¹	1.16	-4.59	1.17	mmu-miR-423-5p
6174	0.79	2.93x10 ⁻¹	1.16	-4.59	1.03	mmu-miR-100
14661	0.79	2.94x10 ⁻¹	-1.15	-4.59	-0.73	mmu-miR-195
5366	0.79	2.94x10 ⁻¹	1.15	-4.59	0.37	mmu-miR-106b
5551	0.79	2.94x10 ⁻¹	-1.15	-4.59	-0.46	mmu-miR-185
9364	0.79	2.94x10 ⁻¹	1.15	-4.59	1.44	mmu-miR-21*
7105	0.79	2.95x10 ⁻¹	-1.15	-4.59	-0.51	mmu-miR-152
8786	0.79	2.95x10 ⁻¹	1.15	-4.59	0.78	mmu-miR-99b
8739	0.79	2.96x10 ⁻¹	1.15	-4.59	0.47	
9599	0.79	2.96x10 ⁻¹	1.15	-4.59	0.32	mmu-miR-16
11483	0.79	2.96x10 ⁻¹	1.15	-4.59	0.45	mmu-miR-741
728	0.79	2.96x10 ⁻¹	1.15	-4.59	0.58	mmu-miR-222
10364	0.79	2.96x10 ⁻¹	-1.15	-4.59	-0.85	mmu-miR-30a*
12609	0.79	2.96x10 ⁻¹	1.15	-4.59	0.31	mmu-miR-23a
15419	0.79	2.97x10 ⁻¹	1.15	-4.59	0.26	mmu-miR-196b
10835	0.79	2.97x10 ⁻¹	1.15	-4.59	0.27	mmu-miR-23a
7098	0.79	2.98x10 ⁻¹	1.14	-4.59	0.36	
11079	0.79	2.98x10 ⁻¹	1.14	-4.59	0.40	mmu-miR-365
14411	0.79	2.98x10 ⁻¹	1.14	-4.59	0.87	mmu-miR-181a
13764	0.79	2.98x10 ⁻¹	1.14	-4.59	0.37	mmu-miR-140
9605	0.79	2.98x10 ⁻¹	-1.14	-4.59	-0.80	mmu-let-7b*
4219	0.79	2.98x10 ⁻¹	-1.14	-4.59	-0.31	mmu-miR-27b
4399	0.79	2.99x10 ⁻¹	-1.14	-4.59	-0.70	
14429	0.79	2.99x10 ⁻¹	1.14	-4.59	0.96	mmu-miR-374
7818	0.80	3.00x10 ⁻¹	1.14	-4.59	1.28	mmu-miR-30e*
11143	0.80	3.00x10 ⁻¹	1.14	-4.59	1.16	mmu-miR-1904
5869	0.80	3.00x10 ⁻¹	1.14	-4.59	0.32	mmu-miR-28
10532	0.80	3.01x10 ⁻¹	-1.14	-4.59	-0.46	mmu-let-7f*
5524	0.80	3.01x10 ⁻¹	1.14	-4.59	0.57	mmu-miR-29b
5328	0.80	3.02x10 ⁻¹	1.13	-4.59	1.50	mmu-miR-34c
5112	0.80	3.02x10 ⁻¹	1.13	-4.59	0.47	mmu-miR-136
11063	0.80	3.02x10 ⁻¹	-1.13	-4.59	-0.39	mmu-miR-27b
5861	0.80	3.02x10 ⁻¹	-1.13	-4.59	-0.32	mmu-miR-324-5p
11856	0.80	3.03x10 ⁻¹	1.13	-4.59	0.28	mmu-miR-23a
3800	0.80	3.03x10 ⁻¹	1.13	-4.59	0.77	
7249	0.80	3.03x10 ⁻¹	1.13	-4.59	0.37	mmu-miR-140
11467	0.80	3.03x10 ⁻¹	1.13	-4.59	1.57	mmu-miR-376b*
10638	0.80	3.04x10 ⁻¹	1.13	-4.59	0.38	mmu-miR-210
9053	0.80	3.04x10 ⁻¹	1.13	-4.59	0.68	mmu-miR-365
11440	0.80	3.04x10 ⁻¹	1.13	-4.59	0.33	
5470	0.80	3.04x10 ⁻¹	1.13	-4.59	1.44	mmu-miR-140*
12219	0.80	3.04x10 ⁻¹	-1.13	-4.59	-0.53	mmu-miR-290-3p
8375	0.80	3.05x10 ⁻¹	1.12	-4.59	0.66	
1105	0.80	3.07x10 ⁻¹	1.12	-4.59	0.37	
11126	0.80	3.07x10 ⁻¹	1.12	-4.59	0.35	mmu-miR-331-3p

15252	0.80	3.08×10^{-1}	1.12	-4.59	0.34	
5532	0.80	3.08×10^{-1}	1.12	-4.59	0.47	mmu-miR-223
6944	0.80	3.11×10^{-1}	-1.11	-4.59	-0.48	mmu-miR-290-3p
10578	0.80	3.11×10^{-1}	1.11	-4.59	0.63	mmu-miR-29b
740	0.80	3.11×10^{-1}	1.11	-4.59	0.67	mmu-miR-302a
13022	0.80	3.12×10^{-1}	-1.11	-4.59	-0.48	mmu-miR-30a*
15512	0.80	3.12×10^{-1}	1.11	-4.59	0.25	
1675	0.80	3.13×10^{-1}	1.11	-4.59	0.27	mmu-miR-23a
10077	0.80	3.13×10^{-1}	1.11	-4.59	0.58	mmu-miR-20a
8878	0.80	3.13×10^{-1}	1.10	-4.59	0.27	mmu-miR-103
13126	0.80	3.13×10^{-1}	1.10	-4.59	0.28	mmu-miR-27a
5534	0.80	3.14×10^{-1}	1.10	-4.59	0.96	mmu-miR-672
15008	0.80	3.14×10^{-1}	1.10	-4.59	1.24	mmu-miR-1187
9488	0.80	3.14×10^{-1}	1.10	-4.59	0.34	mmu-miR-125a-5p
8834	0.80	3.14×10^{-1}	1.10	-4.59	1.20	mmu-miR-574-5p
13252	0.80	3.14×10^{-1}	1.10	-4.59	0.44	mmu-miR-877*
14503	0.80	3.15×10^{-1}	-1.10	-4.59	-0.71	mmu-miR-471
10656	0.80	3.15×10^{-1}	1.10	-4.59	0.30	
10354	0.80	3.15×10^{-1}	1.10	-4.59	1.42	mmu-miR-29b
15531	0.80	3.15×10^{-1}	-1.10	-4.59	-0.51	mmu-miR-542-5p
5860	0.80	3.15×10^{-1}	1.10	-4.59	0.36	
7714	0.80	3.15×10^{-1}	1.10	-4.59	0.90	mmu-miR-30e*
12058	0.80	3.15×10^{-1}	1.10	-4.59	0.57	
9350	0.80	3.16×10^{-1}	1.10	-4.59	0.55	mmu-miR-181a
9709	0.80	3.16×10^{-1}	1.10	-4.59	0.32	mmu-miR-425
12714	0.80	3.16×10^{-1}	1.10	-4.59	0.26	mmu-let-7c
1024	0.80	3.16×10^{-1}	1.10	-4.59	0.55	mmu-miR-669a
1056	0.80	3.17×10^{-1}	1.10	-4.59	0.84	mmu-miR-483*
13004	0.80	3.17×10^{-1}	1.09	-4.59	0.34	mmu-miR-196a
2023	0.80	3.17×10^{-1}	-1.09	-4.59	-1.73	mmu-miR-451
11084	0.80	3.17×10^{-1}	1.09	-4.59	0.59	mghv-miR-M1-2
14127	0.80	3.18×10^{-1}	1.09	-4.59	0.27	
3681	0.80	3.18×10^{-1}	1.09	-4.59	1.86	mmu-miR-672
2313	0.80	3.18×10^{-1}	1.09	-4.59	0.40	mmu-miR-497
2006	0.80	3.18×10^{-1}	1.09	-4.59	0.31	mmu-miR-872
15048	0.80	3.19×10^{-1}	1.09	-4.59	0.95	mmu-miR-715
10201	0.80	3.19×10^{-1}	-1.09	-4.59	-0.33	mmu-miR-98
2235	0.80	3.19×10^{-1}	1.09	-4.59	0.68	mmu-miR-20b
2933	0.80	3.20×10^{-1}	-1.09	-4.59	-0.33	mmu-miR-30a
4337	0.80	3.20×10^{-1}	1.09	-4.59	0.48	mmu-miR-128
9253	0.80	3.20×10^{-1}	-1.09	-4.59	-0.84	mmu-miR-18a
1945	0.80	3.21×10^{-1}	-1.09	-4.59	-0.32	mmu-miR-30a
11529	0.80	3.21×10^{-1}	-1.09	-4.59	-0.64	mmu-miR-741
417	0.80	3.21×10^{-1}	1.08	-4.59	0.75	mmu-miR-709
10040	0.81	3.22×10^{-1}	1.08	-4.59	0.37	mmu-miR-872
12521	0.81	3.22×10^{-1}	-1.08	-4.59	-0.33	mmu-miR-98

328	0.81	3.23×10^{-1}	-1.08	-4.59	-0.90	
7382	0.81	3.23×10^{-1}	1.08	-4.59	0.65	mmu-miR-221
7450	0.81	3.23×10^{-1}	-1.08	-4.59	-0.89	mghv-miR-M1-1
9036	0.81	3.24×10^{-1}	1.08	-4.59	0.61	mmu-miR-29c
14339	0.81	3.24×10^{-1}	1.08	-4.59	1.00	mmu-miR-547
14549	0.81	3.24×10^{-1}	1.08	-4.59	0.49	
7530	0.81	3.25×10^{-1}	-1.08	-4.59	-0.28	mmu-miR-23b
14072	0.81	3.25×10^{-1}	-1.07	-4.59	-2.36	mmu-miR-483*
1851	0.81	3.26×10^{-1}	-1.07	-4.59	-0.46	mmu-miR-31*
7932	0.81	3.27×10^{-1}	1.07	-4.59	1.29	mmu-miR-574-5p
1135	0.81	3.28×10^{-1}	1.07	-4.59	1.12	mmu-miR-503
14004	0.81	3.28×10^{-1}	-1.07	-4.59	-0.73	
4281	0.81	3.28×10^{-1}	1.07	-4.59	0.29	mmu-miR-16
6511	0.81	3.29×10^{-1}	1.07	-4.59	0.30	mmu-miR-345-5p
348	0.81	3.29×10^{-1}	1.07	-4.59	0.47	
137	0.81	3.29×10^{-1}	1.06	-4.59	1.12	mmu-miR-574-5p
9757	0.81	3.30×10^{-1}	1.06	-4.59	0.34	
1	0.81	3.30×10^{-1}	1.06	-4.59	0.52	
7837	0.81	3.30×10^{-1}	1.06	-4.59	0.49	mmu-miR-130b
12162	0.81	3.30×10^{-1}	1.06	-4.59	0.33	mmu-miR-106b
7892	0.81	3.30×10^{-1}	1.06	-4.59	0.26	mmu-miR-322
2520	0.81	3.31×10^{-1}	1.06	-4.59	0.80	mmu-miR-193
1982	0.81	3.31×10^{-1}	1.06	-4.59	1.03	mmu-miR-374*
4015	0.81	3.32×10^{-1}	1.06	-4.59	0.30	
9771	0.81	3.32×10^{-1}	1.06	-4.59	0.32	mmu-miR-151-5p
3407	0.81	3.32×10^{-1}	1.06	-4.59	0.34	
6156	0.81	3.32×10^{-1}	1.06	-4.59	0.44	mmu-miR-106b
15530	0.81	3.32×10^{-1}	1.06	-4.59	0.69	mmu-miR-193
10596	0.81	3.32×10^{-1}	1.06	-4.59	0.35	
13170	0.81	3.33×10^{-1}	1.06	-4.59	1.24	mmu-miR-34c*
9563	0.81	3.33×10^{-1}	1.05	-4.59	1.00	mmu-miR-291b-5p
6765	0.81	3.34×10^{-1}	1.05	-4.59	0.96	mmu-miR-30b*
14430	0.81	3.34×10^{-1}	-1.05	-4.59	-0.85	mmu-let-7d*
3631	0.81	3.34×10^{-1}	1.05	-4.59	0.93	mmu-miR-1892
7732	0.81	3.34×10^{-1}	1.05	-4.59	0.26	mmu-miR-331-3p
10510	0.81	3.34×10^{-1}	1.05	-4.59	0.30	mmu-miR-345-5p
15062	0.81	3.34×10^{-1}	1.05	-4.59	0.26	mmu-miR-361
12350	0.81	3.35×10^{-1}	-1.05	-4.59	-1.05	mmu-miR-615-3p
2510	0.81	3.35×10^{-1}	1.05	-4.59	1.08	mmu-miR-30c-1*
753	0.81	3.35×10^{-1}	1.05	-4.59	0.33	
12345	0.81	3.35×10^{-1}	1.05	-4.59	0.29	mmu-miR-151-5p
5154	0.81	3.35×10^{-1}	-1.05	-4.59	-0.39	
14815	0.81	3.35×10^{-1}	1.05	-4.59	0.40	mmu-miR-196b
510	0.81	3.36×10^{-1}	1.05	-4.59	0.36	mmu-miR-106b
432	0.81	3.36×10^{-1}	1.05	-4.59	0.50	mmu-miR-29b
9422	0.81	3.37×10^{-1}	1.05	-4.59	0.30	mmu-miR-27a

8391	0.81	3.37×10^{-1}	-1.05	-4.59	-0.29	mmu-miR-30a
6036	0.81	3.37×10^{-1}	1.05	-4.59	0.27	
9521	0.81	3.37×10^{-1}	-1.05	-4.59	-0.45	mmu-miR-503
164	0.81	3.37×10^{-1}	1.05	-4.59	0.39	
7515	0.81	3.38×10^{-1}	1.04	-4.59	0.33	mmu-miR-155
3323	0.81	3.38×10^{-1}	1.04	-4.59	1.86	mmu-miR-590-3p
5914	0.81	3.38×10^{-1}	-1.04	-4.59	-0.76	mmu-miR-425
14157	0.81	3.38×10^{-1}	1.04	-4.59	1.25	mmu-miR-149
1455	0.81	3.39×10^{-1}	1.04	-4.59	0.91	mmu-miR-697
8009	0.81	3.39×10^{-1}	1.04	-4.59	0.79	
4283	0.81	3.39×10^{-1}	1.04	-4.59	0.56	mmu-miR-29b
7321	0.81	3.40×10^{-1}	-1.04	-4.59	-0.62	mmu-miR-290-3p
946	0.81	3.40×10^{-1}	1.04	-4.59	0.42	mmu-miR-18a
11273	0.81	3.41×10^{-1}	1.04	-4.59	0.25	mmu-miR-28
12905	0.81	3.41×10^{-1}	-1.04	-4.59	-0.90	
14646	0.81	3.43×10^{-1}	1.03	-4.59	0.70	mmu-miR-365
8725	0.81	3.43×10^{-1}	1.03	-4.59	0.22	
7189	0.81	3.44×10^{-1}	-1.03	-4.59	-0.35	
15326	0.81	3.44×10^{-1}	-1.03	-4.59	-1.05	mmu-miR-224
5864	0.81	3.44×10^{-1}	1.03	-4.59	0.27	mmu-miR-23a
11408	0.81	3.44×10^{-1}	1.03	-4.59	0.37	mmu-miR-210
2744	0.81	3.45×10^{-1}	1.03	-4.59	0.29	mmu-let-7b
12255	0.81	3.45×10^{-1}	1.03	-4.59	0.23	
14134	0.81	3.46×10^{-1}	-1.03	-4.59	-0.34	mmu-miR-27b
10988	0.81	3.46×10^{-1}	1.03	-4.59	0.83	mmu-miR-423-5p
10332	0.81	3.46×10^{-1}	-1.03	-4.59	-0.87	mmu-miR-30e*
8543	0.81	3.46×10^{-1}	-1.03	-4.59	-0.90	mmu-miR-7b
7841	0.81	3.46×10^{-1}	-1.03	-4.59	-0.48	mmu-miR-425
14162	0.81	3.46×10^{-1}	1.03	-4.59	0.45	mmu-let-7b*
6863	0.81	3.46×10^{-1}	1.02	-4.59	0.44	mmu-miR-291b-5p
3025	0.81	3.47×10^{-1}	-1.02	-4.59	-1.03	mmu-miR-425*
12481	0.81	3.47×10^{-1}	1.02	-4.59	1.22	mmu-miR-1187
14280	0.81	3.47×10^{-1}	1.02	-4.59	0.32	mmu-miR-196a
1067	0.81	3.47×10^{-1}	-1.02	-4.59	-0.54	mmu-miR-202-5p
6724	0.81	3.48×10^{-1}	-1.02	-4.59	-0.52	
9385	0.81	3.48×10^{-1}	-1.02	-4.59	-0.38	mmu-miR-27b
12777	0.81	3.48×10^{-1}	1.02	-4.59	0.28	mmu-miR-23a
9884	0.81	3.49×10^{-1}	1.02	-4.59	0.24	mmu-miR-196b
12737	0.81	3.49×10^{-1}	1.02	-4.60	0.29	mmu-let-7b
9117	0.81	3.50×10^{-1}	1.02	-4.60	0.44	mmu-miR-19b
13786	0.81	3.51×10^{-1}	1.01	-4.60	0.38	mmu-miR-10b
2429	0.81	3.51×10^{-1}	1.01	-4.60	0.25	mmu-miR-301a
7643	0.81	3.51×10^{-1}	1.01	-4.60	0.49	mmu-miR-296-5p
12011	0.81	3.52×10^{-1}	-1.01	-4.60	-0.55	mmu-miR-92b
1778	0.81	3.52×10^{-1}	1.01	-4.60	0.48	mmu-miR-29b
11466	0.81	3.52×10^{-1}	-1.01	-4.60	-0.33	mmu-miR-674*

10932	0.81	3.52×10^{-1}	1.01	-4.60	0.35	mmu-let-7f*
8063	0.81	3.53×10^{-1}	1.01	-4.60	0.36	mmu-miR-106b
15084	0.81	3.54×10^{-1}	-1.01	-4.60	-0.24	mmu-miR-324-5p
13897	0.81	3.54×10^{-1}	1.01	-4.60	0.27	mmu-miR-151-5p
13953	0.81	3.54×10^{-1}	1.01	-4.60	0.26	mmu-miR-24
14777	0.81	3.54×10^{-1}	1.01	-4.60	0.25	mmu-miR-140
12939	0.81	3.55×10^{-1}	-1.01	-4.60	-0.38	mmu-miR-365
7909	0.81	3.55×10^{-1}	1.01	-4.60	0.60	mmu-miR-672
11741	0.81	3.55×10^{-1}	1.01	-4.60	0.27	
6958	0.81	3.55×10^{-1}	1.00	-4.60	0.26	
14523	0.81	3.55×10^{-1}	1.00	-4.60	0.34	mmu-miR-196a
12763	0.81	3.55×10^{-1}	1.00	-4.60	0.30	
10370	0.81	3.56×10^{-1}	1.00	-4.60	0.92	
3989	0.81	3.56×10^{-1}	1.00	-4.60	0.25	mmu-miR-28
2898	0.81	3.57×10^{-1}	1.00	-4.60	0.28	mmu-miR-16
6616	0.81	3.57×10^{-1}	1.00	-4.60	0.25	mmu-miR-16
8670	0.81	3.58×10^{-1}	-1.00	-4.60	-0.69	mmu-miR-30c
15119	0.81	3.58×10^{-1}	1.00	-4.60	0.34	
3428	0.81	3.58×10^{-1}	1.00	-4.60	0.36	mmu-miR-210
9514	0.81	3.58×10^{-1}	1.00	-4.60	0.33	mmu-miR-296-5p
13549	0.81	3.58×10^{-1}	1.00	-4.60	0.29	mmu-miR-151-5p
10808	0.81	3.58×10^{-1}	1.00	-4.60	0.30	mmu-miR-149
13743	0.81	3.59×10^{-1}	1.00	-4.60	0.26	
2886	0.81	3.59×10^{-1}	1.00	-4.60	0.33	mmu-miR-106b
3667	0.81	3.59×10^{-1}	1.00	-4.60	0.56	mmu-miR-290-3p
6862	0.81	3.60×10^{-1}	0.99	-4.60	0.46	mmu-miR-18a
9040	0.81	3.60×10^{-1}	0.99	-4.60	0.85	mmu-miR-18a
6037	0.81	3.60×10^{-1}	0.99	-4.60	0.39	mmu-miR-193b
9129	0.81	3.61×10^{-1}	0.99	-4.60	0.62	mmu-miR-223
1418	0.81	3.61×10^{-1}	0.99	-4.60	0.31	mmu-miR-20b
11722	0.81	3.61×10^{-1}	-0.99	-4.60	-0.25	mmu-miR-30a
15142	0.81	3.61×10^{-1}	0.99	-4.60	0.25	mmu-let-7i
12578	0.81	3.61×10^{-1}	0.99	-4.60	0.33	mmu-miR-106b
2308	0.81	3.61×10^{-1}	0.99	-4.60	0.33	mmu-miR-106b
2794	0.81	3.61×10^{-1}	0.99	-4.60	1.14	mmu-miR-22*
4151	0.81	3.61×10^{-1}	0.99	-4.60	0.60	mmu-let-7a*
10686	0.81	3.62×10^{-1}	0.99	-4.60	0.59	mmu-miR-221
10499	0.81	3.62×10^{-1}	0.99	-4.60	0.26	mmu-miR-331-3p
11122	0.81	3.64×10^{-1}	0.99	-4.60	0.24	
15539	0.81	3.64×10^{-1}	0.99	-4.60	0.40	mmu-miR-92a
8036	0.81	3.64×10^{-1}	0.98	-4.60	1.77	mmu-miR-1-2-as
11504	0.81	3.65×10^{-1}	0.98	-4.60	0.97	mmu-miR-872
4535	0.81	3.65×10^{-1}	0.98	-4.60	0.35	mmu-miR-210
6329	0.81	3.65×10^{-1}	0.98	-4.60	0.31	mmu-miR-331-3p
6969	0.81	3.65×10^{-1}	0.98	-4.60	0.52	mmu-miR-449a
10092	0.81	3.65×10^{-1}	0.98	-4.60	0.34	mmu-miR-155

5236	0.81	3.66×10^{-1}	-0.98	-4.60	-0.55	mmu-miR-302b
3381	0.81	3.66×10^{-1}	0.98	-4.60	0.59	mmu-miR-425
4732	0.81	3.66×10^{-1}	0.98	-4.60	0.52	mmu-miR-29b
4349	0.81	3.66×10^{-1}	0.98	-4.60	0.28	mmu-miR-423-5p
865	0.81	3.66×10^{-1}	0.98	-4.60	0.30	mmu-let-7e
6028	0.81	3.67×10^{-1}	0.98	-4.60	0.39	mmu-miR-193b
11418	0.81	3.67×10^{-1}	0.98	-4.60	0.36	mmu-miR-103
7895	0.81	3.67×10^{-1}	-0.98	-4.60	-1.18	mmu-miR-31*
5979	0.81	3.67×10^{-1}	0.98	-4.60	0.30	mmu-miR-23a
10284	0.81	3.67×10^{-1}	0.98	-4.60	0.29	mmu-miR-31*
4313	0.81	3.68×10^{-1}	0.98	-4.60	0.48	mmu-miR-296-5p
1013	0.81	3.69×10^{-1}	0.97	-4.60	0.31	mmu-miR-16
11208	0.81	3.69×10^{-1}	-0.97	-4.60	-1.19	mmu-miR-30b
5124	0.81	3.69×10^{-1}	-0.97	-4.60	-1.25	
18	0.81	3.69×10^{-1}	-0.97	-4.60	-0.91	mmu-miR-369-3p
3946	0.81	3.70×10^{-1}	0.97	-4.60	0.29	mmu-miR-423-5p
15069	0.81	3.70×10^{-1}	0.97	-4.60	0.32	mmu-let-7e
12956	0.81	3.70×10^{-1}	0.97	-4.60	0.89	mmu-miR-30e*
4616	0.81	3.70×10^{-1}	-0.97	-4.60	-0.42	mmu-miR-181a-1*
35	0.81	3.71×10^{-1}	-0.97	-4.60	-1.24	mmu-miR-130b*
280	0.81	3.71×10^{-1}	-0.97	-4.60	-0.36	mmu-miR-291b-5p
4386	0.81	3.71×10^{-1}	-0.97	-4.60	-0.65	mmu-miR-30e
7790	0.81	3.72×10^{-1}	-0.97	-4.60	-1.19	mmu-miR-185
13446	0.81	3.72×10^{-1}	0.97	-4.60	0.33	mmu-miR-106b
14469	0.81	3.73×10^{-1}	-0.97	-4.60	-1.05	
4763	0.81	3.73×10^{-1}	-0.97	-4.60	-1.22	mmu-miR-211
4021	0.81	3.74×10^{-1}	0.96	-4.60	0.27	mmu-let-7b
10785	0.81	3.74×10^{-1}	0.96	-4.60	0.88	
12342	0.81	3.74×10^{-1}	0.96	-4.60	0.46	mmu-let-7f*
2204	0.81	3.74×10^{-1}	0.96	-4.60	0.23	mmu-miR-342-3p
14623	0.81	3.74×10^{-1}	0.96	-4.60	0.25	mmu-miR-15b
15647	0.81	3.74×10^{-1}	0.96	-4.60	1.14	mmu-miR-105
863	0.81	3.75×10^{-1}	0.96	-4.60	0.85	mmu-miR-19b
2533	0.81	3.75×10^{-1}	-0.96	-4.60	-0.26	mmu-miR-140
2461	0.81	3.76×10^{-1}	0.96	-4.60	1.02	mmu-miR-466c-5p
10509	0.81	3.76×10^{-1}	0.96	-4.60	0.27	mmu-miR-27a
13145	0.81	3.77×10^{-1}	0.96	-4.60	0.38	mmu-miR-365
9470	0.81	3.77×10^{-1}	-0.96	-4.60	-0.50	mmu-miR-465a-3p
8561	0.81	3.77×10^{-1}	0.96	-4.60	0.69	mmu-miR-450b-5p
8408	0.81	3.77×10^{-1}	0.96	-4.60	0.47	mmu-miR-29b
14191	0.81	3.78×10^{-1}	-0.96	-4.60	-0.51	mmu-miR-450b-3p
4599	0.81	3.78×10^{-1}	0.96	-4.60	0.26	
12038	0.81	3.78×10^{-1}	0.96	-4.60	0.26	mmu-miR-361
3732	0.81	3.78×10^{-1}	0.95	-4.60	0.34	mmu-miR-106b
10591	0.81	3.78×10^{-1}	0.95	-4.60	1.32	mmu-miR-183*
5649	0.81	3.78×10^{-1}	0.95	-4.60	0.35	mmu-miR-19b

10734	0.82	3.79×10^{-1}	0.95	-4.60	0.35	mmu-miR-19b
3713	0.82	3.80×10^{-1}	0.95	-4.60	0.43	mmu-miR-872
11340	0.82	3.80×10^{-1}	0.95	-4.60	0.23	mmu-let-7c
7949	0.82	3.80×10^{-1}	-0.95	-4.60	-1.32	mmu-miR-340-3p
14402	0.82	3.80×10^{-1}	0.95	-4.60	0.83	mmu-miR-222
10817	0.82	3.80×10^{-1}	-0.95	-4.60	-0.43	mmu-miR-30c
15272	0.82	3.81×10^{-1}	0.95	-4.60	0.93	mmu-miR-672
10142	0.82	3.81×10^{-1}	0.95	-4.60	0.30	mmu-miR-532-5p
7423	0.82	3.82×10^{-1}	0.95	-4.60	0.27	
4231	0.82	3.82×10^{-1}	0.94	-4.60	0.40	mmu-miR-34b-5p
2471	0.82	3.83×10^{-1}	0.94	-4.60	0.37	mmu-miR-140
458	0.82	3.83×10^{-1}	0.94	-4.60	0.25	mmu-let-7b
13526	0.82	3.83×10^{-1}	0.94	-4.60	0.26	
3441	0.82	3.84×10^{-1}	0.94	-4.60	0.75	mmu-miR-702
3892	0.82	3.84×10^{-1}	-0.94	-4.60	-0.47	mmu-miR-345-5p
14005	0.82	3.85×10^{-1}	0.94	-4.60	0.24	mmu-miR-301a
14487	0.82	3.85×10^{-1}	0.94	-4.60	0.32	mmu-miR-140
12699	0.82	3.85×10^{-1}	0.94	-4.60	0.35	mmu-miR-30a
5118	0.82	3.85×10^{-1}	0.94	-4.60	0.25	mmu-let-7i
5984	0.82	3.85×10^{-1}	0.94	-4.60	0.23	mmu-miR-27a
9276	0.82	3.86×10^{-1}	0.94	-4.60	0.31	
4660	0.82	3.86×10^{-1}	0.94	-4.60	0.52	
10069	0.82	3.86×10^{-1}	-0.94	-4.60	-0.85	mmu-miR-877*
5531	0.82	3.86×10^{-1}	0.94	-4.60	0.81	mmu-miR-702
670	0.82	3.87×10^{-1}	0.94	-4.60	0.62	mmu-miR-320
5555	0.82	3.87×10^{-1}	0.93	-4.60	0.27	mmu-miR-26a
5477	0.82	3.88×10^{-1}	0.93	-4.60	0.21	mmu-miR-27a
11841	0.82	3.88×10^{-1}	0.93	-4.60	0.40	mmu-miR-26a
8931	0.82	3.89×10^{-1}	-0.93	-4.60	-0.90	mmu-miR-328
1659	0.82	3.89×10^{-1}	0.93	-4.60	1.07	mmu-miR-652
1195	0.82	3.89×10^{-1}	0.93	-4.60	0.30	mghv-miR-M1-2
7473	0.82	3.90×10^{-1}	0.93	-4.60	0.51	mmu-miR-125a-5p
9739	0.82	3.91×10^{-1}	0.93	-4.60	0.50	mmu-miR-449a
2815	0.82	3.91×10^{-1}	0.93	-4.60	0.28	mmu-miR-183
13557	0.82	3.91×10^{-1}	-0.93	-4.60	-0.66	mmu-miR-30b*
4498	0.82	3.92×10^{-1}	0.93	-4.60	0.24	
4264	0.82	3.92×10^{-1}	-0.93	-4.60	-1.56	mmu-miR-544
5678	0.82	3.92×10^{-1}	-0.93	-4.60	-0.84	mmu-miR-148a
8636	0.82	3.93×10^{-1}	0.92	-4.60	0.49	mmu-miR-503
12838	0.82	3.93×10^{-1}	-0.92	-4.60	-0.59	mmu-miR-31*
7103	0.82	3.94×10^{-1}	0.92	-4.60	0.32	mmu-miR-29c
12867	0.82	3.94×10^{-1}	0.92	-4.60	0.74	mmu-miR-210
10448	0.82	3.94×10^{-1}	0.92	-4.60	0.48	mmu-miR-433*
6604	0.82	3.95×10^{-1}	-0.92	-4.60	-1.14	mmu-miR-152
5002	0.82	3.95×10^{-1}	0.92	-4.60	1.71	mmu-miR-195
7065	0.82	3.95×10^{-1}	0.92	-4.60	0.27	mmu-miR-322

11269	0.82	3.96×10^{-1}	0.92	-4.60	0.37	mmu-miR-19b
8487	0.82	3.96×10^{-1}	0.92	-4.60	0.30	mmu-miR-151-5p
3824	0.82	3.96×10^{-1}	0.92	-4.60	0.59	mmu-miR-483*
6718	0.82	3.96×10^{-1}	-0.92	-4.60	-0.85	mmu-miR-425*
10421	0.82	3.96×10^{-1}	0.92	-4.60	0.24	mmu-miR-183
1236	0.82	3.96×10^{-1}	0.92	-4.60	0.75	mmu-miR-30c-1*
15075	0.82	3.96×10^{-1}	0.92	-4.60	0.25	
6851	0.82	3.96×10^{-1}	0.92	-4.60	1.02	mmu-miR-362-3p
8847	0.82	3.96×10^{-1}	-0.92	-4.60	-0.88	
6488	0.82	3.97×10^{-1}	0.91	-4.60	0.82	mmu-miR-672
4479	0.82	3.97×10^{-1}	0.91	-4.60	0.26	mmu-let-7i
1823	0.82	3.97×10^{-1}	0.91	-4.60	0.34	mmu-miR-19b
7799	0.82	3.97×10^{-1}	0.91	-4.60	0.37	mmu-miR-365
1292	0.82	3.97×10^{-1}	0.91	-4.60	0.28	
8654	0.82	3.97×10^{-1}	-0.91	-4.60	-0.25	mmu-miR-532-5p
15265	0.82	3.97×10^{-1}	0.91	-4.60	0.21	mmu-miR-196b
10317	0.82	3.98×10^{-1}	0.91	-4.60	0.24	
1517	0.82	3.98×10^{-1}	0.91	-4.60	0.20	
14394	0.82	3.99×10^{-1}	0.91	-4.60	0.52	mmu-miR-181b
8397	0.82	3.99×10^{-1}	-0.91	-4.60	-0.21	mmu-miR-324-5p
13937	0.82	3.99×10^{-1}	0.91	-4.60	0.47	mmu-miR-125a-5p
3230	0.82	4.00×10^{-1}	0.91	-4.60	0.28	mmu-miR-22
5296	0.82	4.01×10^{-1}	0.91	-4.60	0.32	mmu-miR-140
2263	0.82	4.01×10^{-1}	0.91	-4.60	0.62	mmu-miR-20b
5933	0.82	4.02×10^{-1}	0.90	-4.60	0.29	mmu-miR-290-3p
2372	0.82	4.02×10^{-1}	0.90	-4.60	0.30	
4496	0.82	4.03×10^{-1}	0.90	-4.60	0.67	mmu-miR-27b
1464	0.82	4.03×10^{-1}	0.90	-4.60	2.00	mmu-miR-148a
14534	0.82	4.03×10^{-1}	0.90	-4.60	0.38	mmu-miR-30b*
3080	0.82	4.03×10^{-1}	0.90	-4.60	0.26	mmu-miR-15b
13898	0.82	4.04×10^{-1}	0.90	-4.60	0.27	mmu-let-7e
5088	0.82	4.04×10^{-1}	0.90	-4.60	0.24	mmu-let-7b
5014	0.82	4.04×10^{-1}	0.90	-4.60	0.24	mmu-let-7b
12510	0.82	4.05×10^{-1}	0.90	-4.60	0.41	mmu-miR-29b*
7263	0.82	4.05×10^{-1}	0.90	-4.60	0.24	mmu-miR-151-5p
10776	0.82	4.05×10^{-1}	0.90	-4.60	0.27	
10845	0.82	4.05×10^{-1}	0.90	-4.60	0.45	mmu-miR-17*
15294	0.82	4.06×10^{-1}	0.90	-4.60	0.49	mmu-miR-29c
9663	0.82	4.06×10^{-1}	0.89	-4.60	0.26	mmu-miR-23a
6360	0.82	4.07×10^{-1}	0.89	-4.60	0.44	mmu-miR-30c-2*
5514	0.82	4.07×10^{-1}	0.89	-4.60	1.06	mmu-miR-186
6905	0.82	4.08×10^{-1}	0.89	-4.60	0.70	mmu-miR-669n
14738	0.82	4.08×10^{-1}	0.89	-4.60	0.30	mmu-miR-183
14894	0.82	4.08×10^{-1}	0.89	-4.60	0.26	mmu-miR-16
15688	0.82	4.09×10^{-1}	-0.89	-4.60	-0.37	mmu-miR-30e*
1554	0.82	4.09×10^{-1}	-0.89	-4.60	-0.36	mmu-miR-149

8896	0.82	4.09×10^{-1}	-0.89	-4.60	-0.23	mmu-miR-324-5p
13180	0.82	4.09×10^{-1}	0.89	-4.60	0.32	mmu-miR-106b
2325	0.82	4.10×10^{-1}	-0.89	-4.60	-1.48	mmu-miR-542-3p
12835	0.82	4.10×10^{-1}	0.89	-4.60	0.27	
9047	0.82	4.12×10^{-1}	0.88	-4.60	0.23	mmu-let-7i
560	0.82	4.13×10^{-1}	-0.88	-4.60	-0.74	mmu-miR-195
10344	0.82	4.13×10^{-1}	0.88	-4.60	0.27	mmu-miR-331-3p
2614	0.82	4.13×10^{-1}	0.88	-4.60	3.04	mmu-miR-192
7237	0.82	4.13×10^{-1}	0.88	-4.60	0.23	
13153	0.82	4.13×10^{-1}	0.88	-4.60	0.35	mmu-miR-128
1805	0.82	4.13×10^{-1}	0.88	-4.60	1.09	mmu-miR-17*
3204	0.82	4.14×10^{-1}	0.88	-4.60	0.22	mmu-miR-16
7905	0.82	4.14×10^{-1}	0.88	-4.60	0.24	mmu-miR-107
754	0.82	4.14×10^{-1}	0.88	-4.60	0.36	mmu-miR-106b
5214	0.82	4.14×10^{-1}	0.88	-4.60	0.22	mmu-miR-322
14040	0.82	4.14×10^{-1}	0.88	-4.60	0.24	mmu-miR-103
13679	0.82	4.15×10^{-1}	-0.88	-4.60	-0.30	mmu-miR-30e
7575	0.82	4.15×10^{-1}	0.88	-4.60	0.24	mmu-miR-15b
11554	0.82	4.15×10^{-1}	0.88	-4.60	0.28	mmu-miR-28
6257	0.82	4.16×10^{-1}	0.88	-4.60	0.41	mmu-miR-18a
9733	0.82	4.16×10^{-1}	0.88	-4.60	0.25	mmu-let-7i
2664	0.82	4.16×10^{-1}	0.88	-4.60	1.06	mmu-miR-466a-5p
2447	0.83	4.16×10^{-1}	-0.87	-4.60	-0.19	mmu-miR-23b
6407	0.83	4.17×10^{-1}	0.87	-4.60	0.35	mmu-miR-103
460	0.83	4.17×10^{-1}	-0.87	-4.60	-0.35	mmu-miR-23b
12834	0.83	4.17×10^{-1}	0.87	-4.60	0.68	mmu-miR-671-3p
213	0.83	4.18×10^{-1}	0.87	-4.60	1.30	mmu-miR-1187
7451	0.83	4.19×10^{-1}	0.87	-4.60	0.45	mmu-miR-497
5294	0.83	4.19×10^{-1}	0.87	-4.60	0.50	mmu-miR-128
12846	0.83	4.19×10^{-1}	0.87	-4.60	0.91	mmu-miR-29b
5633	0.83	4.20×10^{-1}	-0.87	-4.60	-0.23	mmu-miR-130a
15057	0.83	4.20×10^{-1}	-0.87	-4.60	-0.47	mmu-miR-30b
4101	0.83	4.20×10^{-1}	0.87	-4.60	1.30	mmu-miR-679
9808	0.83	4.20×10^{-1}	0.87	-4.60	0.27	mmu-miR-16
5043	0.83	4.21×10^{-1}	-0.87	-4.60	-0.30	mmu-miR-741
1187	0.83	4.21×10^{-1}	0.87	-4.60	0.25	mmu-let-7e
10842	0.83	4.22×10^{-1}	0.86	-4.60	0.43	mmu-miR-672
13100	0.83	4.22×10^{-1}	0.86	-4.60	0.22	mmu-miR-24
4872	0.83	4.23×10^{-1}	0.86	-4.60	0.30	
6935	0.83	4.24×10^{-1}	0.86	-4.60	0.84	mmu-miR-715
882	0.83	4.24×10^{-1}	0.86	-4.60	0.27	mmu-miR-16
1751	0.83	4.24×10^{-1}	0.86	-4.60	0.48	mmu-miR-324-3p
14244	0.83	4.25×10^{-1}	0.86	-4.60	0.26	mmu-miR-31*
9807	0.83	4.26×10^{-1}	-0.86	-4.60	-0.20	mmu-miR-130a
8890	0.83	4.26×10^{-1}	0.86	-4.60	0.27	mmu-miR-183
8573	0.83	4.26×10^{-1}	-0.86	-4.60	-0.43	mmu-miR-191*

2320	0.83	4.27×10^{-1}	0.85	-4.60	0.47	mmu-miR-221
4262	0.83	4.27×10^{-1}	0.85	-4.60	0.31	mmu-miR-19b
2911	0.83	4.27×10^{-1}	-0.85	-4.60	-0.57	mmu-miR-92b
9710	0.83	4.28×10^{-1}	0.85	-4.60	0.23	mmu-miR-16
8220	0.83	4.28×10^{-1}	-0.85	-4.60	-0.34	mmu-miR-30a
13810	0.83	4.29×10^{-1}	-0.85	-4.60	-0.32	mmu-miR-23b
13770	0.83	4.29×10^{-1}	-0.85	-4.60	-0.29	mmu-miR-30a
1014	0.83	4.29×10^{-1}	0.85	-4.60	0.28	mmu-miR-28
6703	0.83	4.29×10^{-1}	-0.85	-4.60	-0.90	mmu-miR-193b
1331	0.83	4.29×10^{-1}	0.85	-4.60	0.49	mmu-miR-155
5126	0.83	4.29×10^{-1}	0.85	-4.60	0.47	mmu-miR-146a
13175	0.83	4.30×10^{-1}	-0.85	-4.60	-0.61	mmu-miR-335-3p
3222	0.83	4.30×10^{-1}	0.85	-4.60	1.13	mmu-miR-342-5p
9790	0.83	4.30×10^{-1}	0.85	-4.60	0.86	mmu-miR-298
3280	0.83	4.30×10^{-1}	-0.85	-4.60	-0.35	mmu-miR-463
2288	0.83	4.30×10^{-1}	0.85	-4.60	0.25	mmu-let-7b
15120	0.83	4.30×10^{-1}	-0.85	-4.60	-0.61	mmu-miR-302b
9415	0.83	4.31×10^{-1}	0.85	-4.60	0.29	mmu-miR-103
1008	0.83	4.31×10^{-1}	0.85	-4.60	0.29	
11146	0.83	4.31×10^{-1}	-0.85	-4.60	-0.48	mmu-miR-465a-3p
39	0.83	4.31×10^{-1}	0.85	-4.60	0.19	mmu-miR-322
14147	0.83	4.31×10^{-1}	0.85	-4.60	0.31	mmu-miR-196a
14513	0.83	4.32×10^{-1}	-0.85	-4.60	-1.03	mmu-miR-378
15571	0.83	4.32×10^{-1}	0.84	-4.60	0.50	mmu-miR-92a*
5138	0.83	4.32×10^{-1}	-0.84	-4.60	-1.28	mmu-miR-450a-5p
11892	0.83	4.33×10^{-1}	0.84	-4.60	0.47	mmu-miR-380-3p
160	0.83	4.33×10^{-1}	-0.84	-4.60	-0.76	mmu-miR-181a-2*
1268	0.83	4.33×10^{-1}	0.84	-4.60	0.24	mmu-let-7c
2529	0.83	4.33×10^{-1}	0.84	-4.60	0.21	mmu-miR-16
8644	0.83	4.34×10^{-1}	-0.84	-4.60	-0.37	mmu-miR-290-3p
1077	0.83	4.34×10^{-1}	0.84	-4.60	0.35	mmu-miR-28
9560	0.83	4.35×10^{-1}	0.84	-4.60	0.23	mmu-miR-183
8863	0.83	4.35×10^{-1}	-0.84	-4.60	-0.99	mmu-miR-448
12634	0.83	4.35×10^{-1}	0.84	-4.60	0.22	
13048	0.83	4.36×10^{-1}	0.84	-4.60	0.20	mmu-miR-10a
13981	0.83	4.36×10^{-1}	0.84	-4.60	0.27	mmu-miR-30d
10311	0.83	4.36×10^{-1}	0.84	-4.60	0.40	mmu-miR-1906
3439	0.83	4.38×10^{-1}	0.83	-4.60	0.58	mmu-miR-140*
1378	0.83	4.38×10^{-1}	0.83	-4.60	0.69	mmu-miR-152
11961	0.83	4.39×10^{-1}	-0.83	-4.60	-0.60	mmu-miR-30c-2*
12814	0.83	4.39×10^{-1}	0.83	-4.60	0.23	
13034	0.83	4.39×10^{-1}	-0.83	-4.60	-0.31	mmu-miR-26b
3806	0.83	4.39×10^{-1}	0.83	-4.60	0.50	
9066	0.83	4.40×10^{-1}	-0.83	-4.60	-1.23	mmu-miR-871
10222	0.84	4.41×10^{-1}	-0.83	-4.60	-0.51	mmu-miR-191*
4837	0.84	4.42×10^{-1}	-0.83	-4.60	-0.39	mmu-miR-185

12209	0.84	4.42x10 ⁻¹	-0.82	-4.61	-0.26	mmu-let-7d
12618	0.84	4.42x10 ⁻¹	0.82	-4.61	1.07	mmu-miR-298
10775	0.84	4.42x10 ⁻¹	-0.82	-4.61	-1.50	mmu-miR-33
11727	0.84	4.43x10 ⁻¹	0.82	-4.61	0.85	mmu-miR-466l
8590	0.84	4.44x10 ⁻¹	-0.82	-4.61	-0.56	mmu-miR-345-5p
12612	0.84	4.45x10 ⁻¹	0.82	-4.61	0.51	mmu-miR-365
6279	0.84	4.45x10 ⁻¹	0.82	-4.61	0.79	mmu-miR-30c-1*
13905	0.84	4.45x10 ⁻¹	0.82	-4.61	0.46	mmu-miR-193b
4948	0.84	4.45x10 ⁻¹	0.82	-4.61	0.28	
6504	0.84	4.46x10 ⁻¹	-0.82	-4.61	-0.39	mmu-miR-301a
2400	0.84	4.46x10 ⁻¹	0.82	-4.61	0.23	mmu-let-7b
7494	0.84	4.47x10 ⁻¹	0.81	-4.61	1.57	mmu-miR-484
10770	0.84	4.48x10 ⁻¹	0.81	-4.61	0.68	mmu-miR-29b
7653	0.84	4.48x10 ⁻¹	0.81	-4.61	0.28	
3750	0.84	4.48x10 ⁻¹	-0.81	-4.61	-0.45	mmu-miR-301a
5895	0.84	4.48x10 ⁻¹	0.81	-4.61	0.29	mmu-miR-106b
4239	0.84	4.48x10 ⁻¹	0.81	-4.61	0.55	mmu-miR-223
14734	0.84	4.49x10 ⁻¹	-0.81	-4.61	-1.15	mmu-miR-191*
14999	0.84	4.49x10 ⁻¹	0.81	-4.61	0.22	
10691	0.84	4.50x10 ⁻¹	0.81	-4.61	0.44	mmu-miR-423-5p
12012	0.84	4.50x10 ⁻¹	-0.81	-4.61	-0.26	mmu-miR-345-5p
5692	0.84	4.50x10 ⁻¹	0.81	-4.61	0.23	mmu-miR-15b
14389	0.84	4.50x10 ⁻¹	0.81	-4.61	0.27	mmu-miR-185
10379	0.84	4.51x10 ⁻¹	-0.81	-4.61	-0.27	mmu-miR-425*
10682	0.84	4.51x10 ⁻¹	-0.81	-4.61	-0.69	
14307	0.84	4.51x10 ⁻¹	-0.81	-4.61	-2.02	mmu-miR-697
15631	0.84	4.52x10 ⁻¹	-0.81	-4.61	-0.53	mmu-miR-10b
10768	0.84	4.52x10 ⁻¹	0.81	-4.61	0.24	mmu-miR-16
2672	0.84	4.53x10 ⁻¹	0.80	-4.61	0.22	mmu-let-7b
10248	0.84	4.53x10 ⁻¹	-0.80	-4.61	-0.23	mmu-let-7g
3465	0.84	4.54x10 ⁻¹	0.80	-4.61	0.42	mmu-miR-140
791	0.84	4.55x10 ⁻¹	0.80	-4.61	0.33	mmu-miR-532-5p
1112	0.84	4.55x10 ⁻¹	0.80	-4.61	0.27	mmu-miR-210
4969	0.84	4.56x10 ⁻¹	0.80	-4.61	0.20	mmu-miR-27a
10271	0.84	4.56x10 ⁻¹	-0.80	-4.61	-0.26	mmu-miR-148a
14245	0.84	4.56x10 ⁻¹	0.80	-4.61	0.91	mmu-miR-92b
2977	0.84	4.56x10 ⁻¹	0.80	-4.61	0.24	mmu-miR-125a-5p
2883	0.84	4.56x10 ⁻¹	-0.80	-4.61	-0.79	mmu-miR-30b
1732	0.84	4.57x10 ⁻¹	0.80	-4.61	0.22	mmu-let-7b
9194	0.84	4.57x10 ⁻¹	-0.80	-4.61	-0.23	mghv-miR-M1-2
6113	0.84	4.57x10 ⁻¹	0.80	-4.61	0.49	mmu-miR-140
12366	0.84	4.57x10 ⁻¹	0.80	-4.61	0.66	
12068	0.84	4.58x10 ⁻¹	0.80	-4.61	0.22	
5488	0.84	4.58x10 ⁻¹	0.79	-4.61	0.83	mmu-miR-425*
5799	0.84	4.59x10 ⁻¹	-0.79	-4.61	-0.20	mmu-miR-130a
11377	0.84	4.59x10 ⁻¹	-0.79	-4.61	-0.62	mmu-miR-298

6102	0.84	4.59×10^{-1}	0.79	-4.61	0.22	mmu-miR-96
13182	0.84	4.59×10^{-1}	0.79	-4.61	0.51	mmu-miR-335-3p
9401	0.84	4.59×10^{-1}	-0.79	-4.61	-0.79	mmu-miR-191*
360	0.84	4.60×10^{-1}	0.79	-4.61	0.22	mmu-let-7e
1311	0.84	4.60×10^{-1}	0.79	-4.61	0.20	
3640	0.84	4.60×10^{-1}	0.79	-4.61	0.34	mmu-miR-130b
4769	0.84	4.60×10^{-1}	0.79	-4.61	0.25	mmu-miR-22
6270	0.84	4.60×10^{-1}	0.79	-4.61	0.18	mmu-miR-196b
11635	0.84	4.60×10^{-1}	0.79	-4.61	0.28	mmu-miR-151-5p
9631	0.84	4.60×10^{-1}	0.79	-4.61	0.22	mmu-miR-301a
36	0.84	4.61×10^{-1}	0.79	-4.61	0.21	mmu-miR-16
2355	0.84	4.61×10^{-1}	0.79	-4.61	0.30	mmu-miR-19b
2488	0.84	4.61×10^{-1}	-0.79	-4.61	-0.32	mmu-let-7f*
14314	0.84	4.62×10^{-1}	0.79	-4.61	0.33	mghv-miR-M1-2
14931	0.84	4.63×10^{-1}	0.79	-4.61	0.23	mmu-miR-183
13984	0.84	4.64×10^{-1}	-0.78	-4.61	-0.70	mmu-miR-497
2418	0.84	4.65×10^{-1}	-0.78	-4.61	-0.41	mmu-miR-27b
5283	0.84	4.65×10^{-1}	0.78	-4.61	0.30	mmu-miR-19b
13278	0.84	4.65×10^{-1}	-0.78	-4.61	-0.70	mmu-miR-30c
11016	0.84	4.65×10^{-1}	-0.78	-4.61	-0.49	mmu-miR-221
7389	0.84	4.66×10^{-1}	0.78	-4.61	0.21	
15060	0.84	4.66×10^{-1}	0.78	-4.61	0.28	mmu-miR-106b
4942	0.84	4.66×10^{-1}	-0.78	-4.61	-0.60	mmu-miR-362-3p
144	0.84	4.66×10^{-1}	-0.78	-4.61	-0.27	mmu-miR-27b
6576	0.84	4.67×10^{-1}	0.78	-4.61	0.25	mmu-miR-10a
3517	0.84	4.67×10^{-1}	0.78	-4.61	0.24	mmu-let-7e
14552	0.84	4.67×10^{-1}	0.78	-4.61	0.32	mmu-miR-155
3120	0.84	4.67×10^{-1}	0.78	-4.61	0.42	mmu-miR-500
14548	0.84	4.67×10^{-1}	-0.78	-4.61	-1.41	mmu-miR-21*
5378	0.84	4.68×10^{-1}	-0.78	-4.61	-0.60	mmu-let-7b*
11500	0.84	4.68×10^{-1}	0.78	-4.61	0.27	mmu-miR-27a
12951	0.84	4.68×10^{-1}	-0.78	-4.61	-0.31	mmu-miR-532-5p
6884	0.84	4.69×10^{-1}	0.77	-4.61	0.40	mmu-miR-92b
6361	0.84	4.70×10^{-1}	-0.77	-4.61	-0.48	mmu-miR-511
15404	0.84	4.70×10^{-1}	-0.77	-4.61	-0.30	mmu-miR-135a
9274	0.84	4.70×10^{-1}	0.77	-4.61	0.31	mmu-miR-27a
14267	0.84	4.70×10^{-1}	-0.77	-4.61	-0.21	mmu-miR-130b
15690	0.84	4.70×10^{-1}	-0.77	-4.61	-0.22	mmu-let-7f
3377	0.84	4.70×10^{-1}	0.77	-4.61	0.26	mmu-miR-149
6657	0.84	4.71×10^{-1}	0.77	-4.61	0.33	mmu-miR-7a
12793	0.84	4.71×10^{-1}	0.77	-4.61	0.18	mmu-miR-361
701	0.84	4.71×10^{-1}	0.77	-4.61	0.24	mmu-miR-296-5p
13918	0.84	4.72×10^{-1}	0.77	-4.61	0.23	mmu-miR-361
4100	0.84	4.72×10^{-1}	-0.77	-4.61	-1.07	mmu-miR-465a-3p
4215	0.84	4.72×10^{-1}	0.77	-4.61	0.30	mmu-miR-31*
14473	0.84	4.74×10^{-1}	0.77	-4.61	0.19	mmu-miR-24

3453	0.85	4.75×10^{-1}	-0.76	-4.61	-0.21	mmu-let-7d
15340	0.85	4.75×10^{-1}	0.76	-4.61	0.29	
14617	0.85	4.76×10^{-1}	-0.76	-4.61	-0.41	mmu-miR-497
4086	0.85	4.76×10^{-1}	0.76	-4.61	0.20	mmu-miR-331-3p
8136	0.85	4.76×10^{-1}	0.76	-4.61	0.46	
12630	0.85	4.76×10^{-1}	0.76	-4.61	0.21	mmu-let-7b
5237	0.85	4.76×10^{-1}	0.76	-4.61	0.34	mmu-miR-361
319	0.85	4.77×10^{-1}	0.76	-4.61	0.71	mmu-miR-743b-3p
3116	0.85	4.77×10^{-1}	-0.76	-4.61	-0.61	mmu-miR-301a
1764	0.85	4.78×10^{-1}	0.76	-4.61	0.30	mmu-miR-7a
6961	0.85	4.78×10^{-1}	0.76	-4.61	0.17	mmu-miR-27a
8339	0.85	4.78×10^{-1}	0.76	-4.61	0.29	mmu-miR-19b
3725	0.85	4.79×10^{-1}	0.76	-4.61	0.21	
1393	0.85	4.79×10^{-1}	0.76	-4.61	0.18	
3585	0.85	4.80×10^{-1}	-0.75	-4.61	-0.44	mg hv-miR-M1-4
15612	0.85	4.81×10^{-1}	-0.75	-4.61	-0.27	mmu-miR-28
8075	0.85	4.81×10^{-1}	-0.75	-4.61	-0.30	mmu-miR-365
6727	0.85	4.81×10^{-1}	0.75	-4.61	0.60	mmu-miR-467e
8553	0.85	4.81×10^{-1}	0.75	-4.61	0.20	
14240	0.85	4.81×10^{-1}	0.75	-4.61	0.24	mmu-let-7e
7	0.85	4.83×10^{-1}	-0.75	-4.61	-0.20	mmu-let-7f
9996	0.85	4.83×10^{-1}	-0.75	-4.61	-1.20	
1351	0.85	4.83×10^{-1}	-0.75	-4.61	-0.32	
8528	0.85	4.83×10^{-1}	0.75	-4.61	0.23	mmu-miR-322
3949	0.85	4.84×10^{-1}	0.75	-4.61	0.22	mmu-miR-27a
4847	0.85	4.84×10^{-1}	0.75	-4.61	0.19	mmu-miR-361
3905	0.85	4.85×10^{-1}	0.75	-4.61	0.24	mmu-miR-106b
511	0.85	4.86×10^{-1}	0.74	-4.61	0.71	
2375	0.85	4.86×10^{-1}	0.74	-4.61	0.55	mmu-miR-466c-5p
5980	0.85	4.86×10^{-1}	-0.74	-4.61	-0.22	mmu-let-7d
1978	0.85	4.86×10^{-1}	0.74	-4.61	0.41	mmu-miR-149
7029	0.85	4.86×10^{-1}	0.74	-4.61	0.21	
10319	0.85	4.86×10^{-1}	0.74	-4.61	0.21	mmu-let-7b
6014	0.85	4.86×10^{-1}	0.74	-4.61	0.79	mcmv-miR-M23-1-5p
3583	0.85	4.86×10^{-1}	0.74	-4.61	0.49	mmu-miR-7b
10884	0.85	4.86×10^{-1}	0.74	-4.61	0.21	mmu-miR-423-5p
2061	0.85	4.87×10^{-1}	0.74	-4.61	0.21	mmu-let-7b
4433	0.85	4.87×10^{-1}	0.74	-4.61	0.26	mmu-miR-465a-3p
11724	0.85	4.87×10^{-1}	-0.74	-4.61	-0.22	mmu-miR-23b
1776	0.85	4.88×10^{-1}	0.74	-4.61	0.19	mmu-miR-24
15246	0.85	4.88×10^{-1}	-0.74	-4.61	-0.18	mmu-miR-221
9241	0.85	4.88×10^{-1}	0.74	-4.61	0.22	mmu-miR-151-5p
4946	0.85	4.88×10^{-1}	-0.74	-4.61	-0.34	mmu-miR-669a
13191	0.85	4.88×10^{-1}	-0.74	-4.61	-0.21	mmu-miR-130a
5912	0.85	4.88×10^{-1}	0.74	-4.61	0.42	
3455	0.85	4.88×10^{-1}	0.74	-4.61	0.67	mmu-miR-28

12864	0.85	4.89x10 ⁻¹	-0.74	-4.61	-0.23	mmu-miR-30a
2211	0.85	4.90x10 ⁻¹	0.74	-4.61	0.40	mmu-miR-877*
13121	0.85	4.90x10 ⁻¹	0.74	-4.61	0.26	
12554	0.85	4.90x10 ⁻¹	0.74	-4.61	0.28	
5603	0.85	4.90x10 ⁻¹	-0.74	-4.61	-0.34	mmu-let-7a*
352	0.85	4.91x10 ⁻¹	0.73	-4.61	0.24	mmu-miR-23a
400	0.85	4.91x10 ⁻¹	0.73	-4.61	0.25	mmu-let-7c
10129	0.85	4.92x10 ⁻¹	0.73	-4.61	0.21	mmu-miR-10a
9315	0.85	4.92x10 ⁻¹	-0.73	-4.61	-0.49	mmu-miR-196a
1029	0.85	4.93x10 ⁻¹	0.73	-4.61	0.40	mmu-miR-872
10969	0.85	4.93x10 ⁻¹	-0.73	-4.61	-0.32	mmu-miR-503
2081	0.85	4.95x10 ⁻¹	0.73	-4.61	0.27	mmu-miR-30b*
14614	0.85	4.95x10 ⁻¹	0.73	-4.61	0.25	
15132	0.85	4.95x10 ⁻¹	0.73	-4.61	0.53	mmu-miR-1906
9990	0.85	4.96x10 ⁻¹	0.73	-4.61	0.18	mmu-miR-322
2917	0.85	4.96x10 ⁻¹	0.73	-4.61	0.21	mmu-let-7i
7311	0.85	4.97x10 ⁻¹	-0.73	-4.61	-0.49	mmu-miR-142-3p
12818	0.85	4.97x10 ⁻¹	0.73	-4.61	0.17	mmu-miR-24
6189	0.85	4.97x10 ⁻¹	0.72	-4.61	0.22	mmu-miR-345-5p
3798	0.85	4.98x10 ⁻¹	0.72	-4.61	0.20	mmu-miR-103
1868	0.85	4.99x10 ⁻¹	0.72	-4.61	0.33	mmu-miR-10b
12341	0.85	4.99x10 ⁻¹	-0.72	-4.61	-1.12	mmu-miR-668
997	0.85	4.99x10 ⁻¹	-0.72	-4.61	-0.39	mmu-miR-669a
5576	0.85	4.99x10 ⁻¹	-0.72	-4.61	-0.84	mmu-miR-105
9218	0.85	5.00x10 ⁻¹	0.72	-4.61	0.30	mmu-miR-155
8049	0.85	5.00x10 ⁻¹	0.72	-4.61	0.19	mmu-miR-423-5p
9061	0.85	5.01x10 ⁻¹	0.72	-4.61	0.25	mmu-miR-103
10358	0.85	5.01x10 ⁻¹	0.72	-4.61	0.53	mmu-miR-224
7906	0.85	5.02x10 ⁻¹	-0.72	-4.61	-1.03	mmu-miR-697
8762	0.85	5.02x10 ⁻¹	0.72	-4.61	0.37	mmu-miR-206
10504	0.85	5.02x10 ⁻¹	0.72	-4.61	0.64	mmu-miR-125b-5p
5706	0.85	5.02x10 ⁻¹	0.72	-4.61	0.20	mmu-let-7b
13430	0.85	5.02x10 ⁻¹	0.72	-4.61	0.31	mmu-miR-26b
2979	0.85	5.03x10 ⁻¹	0.71	-4.61	0.20	mmu-miR-15b
12309	0.85	5.03x10 ⁻¹	0.71	-4.61	0.26	
4703	0.85	5.04x10 ⁻¹	-0.71	-4.61	-0.43	mmu-let-7f*
9426	0.85	5.04x10 ⁻¹	-0.71	-4.61	-0.21	mmu-miR-221
3646	0.85	5.04x10 ⁻¹	0.71	-4.61	1.31	
15740	0.85	5.05x10 ⁻¹	-0.71	-4.61	-0.28	mmu-miR-542-5p
261	0.85	5.05x10 ⁻¹	0.71	-4.61	0.25	
13246	0.85	5.05x10 ⁻¹	0.71	-4.61	0.21	mmu-miR-27a
1019	0.85	5.05x10 ⁻¹	0.71	-4.61	0.38	mmu-miR-425
9425	0.85	5.05x10 ⁻¹	0.71	-4.61	0.19	
1036	0.85	5.06x10 ⁻¹	-0.71	-4.61	-1.44	mmu-miR-146a
5343	0.85	5.06x10 ⁻¹	0.71	-4.61	0.82	mmu-miR-29a*
7179	0.85	5.06x10 ⁻¹	0.71	-4.61	0.40	mmu-miR-539

9386	0.85	5.06×10^{-1}	0.71	-4.61	0.26	mmu-miR-19b
14428	0.85	5.07×10^{-1}	0.71	-4.61	0.21	mmu-let-7b
8985	0.85	5.07×10^{-1}	-0.71	-4.61	-0.18	mmu-miR-103
265	0.85	5.07×10^{-1}	0.71	-4.61	0.21	mmu-miR-345-5p
13431	0.85	5.07×10^{-1}	0.71	-4.61	0.31	mmu-miR-741
8433	0.85	5.08×10^{-1}	0.71	-4.61	0.57	mmu-miR-484
13251	0.85	5.08×10^{-1}	-0.70	-4.61	-0.35	mmu-miR-324-3p
11716	0.85	5.08×10^{-1}	-0.70	-4.61	-0.21	mmu-let-7d
15529	0.85	5.09×10^{-1}	-0.70	-4.61	-0.83	mmu-miR-805
11390	0.85	5.09×10^{-1}	-0.70	-4.61	-0.34	mmu-miR-300*
5414	0.85	5.09×10^{-1}	0.70	-4.61	0.16	mmu-miR-107
11811	0.85	5.10×10^{-1}	0.70	-4.61	0.21	mmu-miR-345-5p
5539	0.85	5.10×10^{-1}	-0.70	-4.61	-0.53	mg hv-miR-M1-2
10486	0.85	5.10×10^{-1}	0.70	-4.61	0.26	mmu-miR-196a
13370	0.85	5.10×10^{-1}	0.70	-4.61	0.16	mmu-let-7i
6253	0.85	5.10×10^{-1}	0.70	-4.61	0.38	
854	0.85	5.11×10^{-1}	-0.70	-4.61	-0.59	mmu-miR-30e*
11153	0.85	5.12×10^{-1}	-0.70	-4.61	-0.69	mmu-miR-374
14802	0.85	5.12×10^{-1}	-0.70	-4.61	-0.37	mmu-miR-532-5p
3419	0.85	5.12×10^{-1}	-0.70	-4.61	-0.21	mmu-miR-96
562	0.85	5.12×10^{-1}	0.70	-4.61	0.31	mmu-miR-140
2292	0.85	5.12×10^{-1}	-0.70	-4.61	-0.16	mmu-miR-15a
13142	0.85	5.12×10^{-1}	0.70	-4.61	0.17	mmu-miR-331-3p
2931	0.85	5.13×10^{-1}	0.70	-4.61	0.23	mmu-let-7e
6693	0.85	5.13×10^{-1}	0.70	-4.61	0.21	mmu-miR-15b
10390	0.85	5.14×10^{-1}	0.70	-4.61	0.53	mmu-miR-93
9413	0.85	5.14×10^{-1}	0.69	-4.61	0.18	mmu-miR-23a
14069	0.85	5.14×10^{-1}	0.69	-4.61	0.21	mmu-let-7a
3179	0.85	5.14×10^{-1}	-0.69	-4.61	-0.25	
7374	0.85	5.15×10^{-1}	0.69	-4.61	0.24	
7355	0.85	5.15×10^{-1}	-0.69	-4.61	-0.29	mmu-miR-19b
10943	0.85	5.15×10^{-1}	0.69	-4.61	0.17	mmu-miR-342-3p
15159	0.85	5.15×10^{-1}	0.69	-4.61	1.65	
7526	0.85	5.16×10^{-1}	0.69	-4.61	0.24	
2848	0.85	5.16×10^{-1}	0.69	-4.61	0.17	mmu-miR-342-3p
1038	0.85	5.16×10^{-1}	0.69	-4.61	0.18	
5078	0.85	5.16×10^{-1}	0.69	-4.61	0.40	mmu-miR-590-3p
12845	0.85	5.16×10^{-1}	0.69	-4.61	0.20	mmu-let-7c
7518	0.85	5.17×10^{-1}	-0.69	-4.61	-0.40	mmu-miR-30e
695	0.85	5.17×10^{-1}	-0.69	-4.61	-0.88	mmu-let-7b*
5009	0.85	5.18×10^{-1}	0.69	-4.61	0.65	mmu-miR-125a-3p
6344	0.85	5.18×10^{-1}	0.69	-4.61	0.24	mmu-miR-196a
8157	0.85	5.19×10^{-1}	-0.69	-4.61	-0.50	mmu-miR-30c-1*
2082	0.85	5.19×10^{-1}	0.69	-4.61	0.22	mmu-miR-196a
521	0.85	5.19×10^{-1}	-0.69	-4.61	-1.74	mmu-miR-702
4097	0.85	5.19×10^{-1}	-0.69	-4.61	-0.24	mmu-miR-26b

790	0.85	5.19×10^{-1}	-0.69	-4.61	-0.95	mmu-miR-467c
9263	0.85	5.19×10^{-1}	0.69	-4.61	0.38	mmu-miR-191*
3039	0.85	5.19×10^{-1}	0.69	-4.61	0.18	mmu-let-7c
1400	0.85	5.19×10^{-1}	0.69	-4.61	0.42	mmu-miR-741
11836	0.85	5.20×10^{-1}	-0.68	-4.61	-0.31	mmu-miR-30a*
8905	0.85	5.20×10^{-1}	0.68	-4.61	0.34	mmu-miR-362-5p
3605	0.85	5.21×10^{-1}	0.68	-4.61	0.24	
10368	0.85	5.21×10^{-1}	0.68	-4.61	0.17	mmu-miR-10a
2935	0.85	5.22×10^{-1}	-0.68	-4.61	-0.20	mmu-miR-652
10895	0.85	5.22×10^{-1}	0.68	-4.61	0.20	mmu-miR-500
15661	0.85	5.22×10^{-1}	-0.68	-4.61	-0.31	
8448	0.85	5.22×10^{-1}	-0.68	-4.61	-0.59	mmu-miR-30b*
2121	0.85	5.23×10^{-1}	-0.68	-4.61	-0.74	mmu-miR-224
13215	0.85	5.23×10^{-1}	0.68	-4.61	0.38	
6768	0.85	5.24×10^{-1}	-0.68	-4.61	-0.41	mmu-miR-181d
13363	0.85	5.24×10^{-1}	0.68	-4.61	0.25	mmu-miR-106b
15117	0.85	5.25×10^{-1}	0.68	-4.61	0.18	mmu-miR-15b
12932	0.85	5.25×10^{-1}	-0.68	-4.61	-0.24	mmu-miR-29b
572	0.85	5.25×10^{-1}	0.68	-4.61	0.81	mmu-miR-574-5p
9338	0.85	5.26×10^{-1}	0.67	-4.61	0.35	mmu-miR-18a
15444	0.85	5.26×10^{-1}	-0.67	-4.61	-0.39	mmu-miR-30a*
11752	0.85	5.27×10^{-1}	0.67	-4.61	0.89	mmu-miR-574-5p
4544	0.85	5.27×10^{-1}	-0.67	-4.61	-0.28	mmu-miR-10b
2790	0.85	5.27×10^{-1}	0.67	-4.61	0.43	mmu-miR-99b*
292	0.85	5.28×10^{-1}	-0.67	-4.61	-0.45	
9776	0.85	5.29×10^{-1}	0.67	-4.61	0.43	mmu-miR-30b*
788	0.85	5.29×10^{-1}	0.67	-4.61	0.29	mmu-miR-296-5p
11986	0.86	5.29×10^{-1}	0.67	-4.61	0.21	mmu-miR-196a
1953	0.86	5.30×10^{-1}	-0.67	-4.61	-0.31	mmu-miR-335-3p
13621	0.86	5.31×10^{-1}	0.67	-4.61	0.15	mmu-miR-196b
3223	0.86	5.32×10^{-1}	-0.66	-4.61	-0.37	mmu-miR-146a
3126	0.86	5.32×10^{-1}	0.66	-4.61	0.18	mmu-miR-149
12243	0.86	5.34×10^{-1}	0.66	-4.61	1.85	
3464	0.86	5.35×10^{-1}	0.66	-4.61	0.20	mmu-miR-103
2737	0.86	5.35×10^{-1}	0.66	-4.61	0.15	mmu-miR-322
15742	0.86	5.35×10^{-1}	-0.66	-4.61	-0.41	
13345	0.86	5.35×10^{-1}	-0.66	-4.61	-1.18	mmu-miR-509-3p
15218	0.86	5.35×10^{-1}	0.66	-4.61	0.23	
13969	0.86	5.36×10^{-1}	0.66	-4.61	0.33	mmu-miR-672
15669	0.86	5.37×10^{-1}	-0.66	-4.61	-0.19	mmu-let-7d
5048	0.86	5.37×10^{-1}	-0.66	-4.61	-0.27	mmu-miR-669g
11880	0.86	5.38×10^{-1}	0.65	-4.61	0.18	mmu-let-7c
4662	0.86	5.38×10^{-1}	0.65	-4.61	0.18	mmu-let-7b
8170	0.86	5.38×10^{-1}	-0.65	-4.61	-0.61	mmu-miR-300*
4166	0.86	5.38×10^{-1}	0.65	-4.61	0.17	
14813	0.86	5.39×10^{-1}	0.65	-4.61	0.33	mmu-miR-702

8165	0.86	5.39×10^{-1}	0.65	-4.61	0.15	
363	0.86	5.40×10^{-1}	0.65	-4.61	0.75	mmu-miR-705
11059	0.86	5.41×10^{-1}	0.65	-4.61	0.24	
10170	0.86	5.41×10^{-1}	0.65	-4.61	0.16	mmu-miR-103
1765	0.86	5.41×10^{-1}	0.65	-4.61	0.34	mmu-miR-423-5p
8086	0.86	5.41×10^{-1}	0.65	-4.61	0.17	mmu-miR-361
10810	0.86	5.42×10^{-1}	0.65	-4.61	0.20	mmu-let-7e
6596	0.86	5.42×10^{-1}	0.65	-4.61	0.20	mmu-miR-532-5p
920	0.86	5.43×10^{-1}	0.65	-4.61	0.22	mmu-miR-196a
4404	0.86	5.43×10^{-1}	0.65	-4.61	0.21	mmu-let-7e
4412	0.86	5.43×10^{-1}	0.65	-4.61	0.29	mmu-miR-18a
824	0.86	5.44×10^{-1}	0.64	-4.61	0.57	mmu-miR-26b
6053	0.86	5.44×10^{-1}	-0.64	-4.61	-0.24	mmu-miR-409-3p
3128	0.86	5.45×10^{-1}	0.64	-4.61	1.39	mmu-miR-380-3p
7284	0.86	5.46×10^{-1}	-0.64	-4.61	-1.96	mmu-miR-29a*
6771	0.86	5.46×10^{-1}	0.64	-4.61	0.16	mmu-miR-324-5p
2985	0.86	5.46×10^{-1}	0.64	-4.61	0.22	
13141	0.86	5.47×10^{-1}	0.64	-4.61	0.15	mmu-miR-24
11203	0.86	5.47×10^{-1}	0.64	-4.61	0.42	
5727	0.86	5.47×10^{-1}	-0.64	-4.61	-0.21	mmu-miR-191*
14741	0.86	5.47×10^{-1}	-0.64	-4.61	-0.22	mmu-miR-26b
5404	0.86	5.47×10^{-1}	-0.64	-4.61	-0.33	mmu-miR-298
12346	0.86	5.48×10^{-1}	0.64	-4.61	0.22	
13406	0.86	5.48×10^{-1}	-0.64	-4.61	-0.58	mghv-miR-M1-2
15708	0.86	5.48×10^{-1}	0.64	-4.61	0.68	mmu-miR-291b-5p
1760	0.86	5.48×10^{-1}	-0.64	-4.61	-0.15	mmu-miR-324-5p
55	0.86	5.48×10^{-1}	0.64	-4.61	0.56	mmu-miR-697
11649	0.86	5.49×10^{-1}	0.64	-4.61	0.55	mmu-miR-142-3p
1207	0.86	5.49×10^{-1}	-0.64	-4.61	-0.21	mmu-miR-672
12022	0.86	5.49×10^{-1}	0.64	-4.61	0.36	
7614	0.86	5.49×10^{-1}	0.64	-4.61	1.93	mmu-miR-135a
11931	0.86	5.50×10^{-1}	0.64	-4.61	0.59	mmu-miR-202-3p
8364	0.86	5.50×10^{-1}	0.63	-4.61	0.20	mmu-let-7a
846	0.86	5.50×10^{-1}	-0.63	-4.61	-0.51	
10216	0.87	5.52×10^{-1}	0.63	-4.61	0.28	mmu-miR-18a
11515	0.87	5.52×10^{-1}	0.63	-4.61	0.18	mmu-miR-331-3p
3536	0.87	5.52×10^{-1}	0.63	-4.61	0.23	
1910	0.87	5.53×10^{-1}	0.63	-4.61	0.37	mmu-miR-30a*
15006	0.87	5.53×10^{-1}	0.63	-4.61	0.68	mmu-miR-135b
8613	0.87	5.54×10^{-1}	-0.63	-4.61	-0.86	mmu-miR-320
9334	0.87	5.54×10^{-1}	-0.63	-4.61	-0.18	mmu-miR-324-5p
4259	0.87	5.54×10^{-1}	0.63	-4.61	0.20	mmu-let-7c
7317	0.87	5.55×10^{-1}	-0.63	-4.61	-0.69	mmu-miR-142-3p
3780	0.87	5.56×10^{-1}	-0.62	-4.61	-0.17	mmu-let-7f
83	0.87	5.56×10^{-1}	0.62	-4.61	0.16	
2446	0.87	5.57×10^{-1}	0.62	-4.61	0.22	

14376	0.87	5.57×10^{-1}	-0.62	-4.61	-0.83	mghv-miR-M1-9
11872	0.87	5.57×10^{-1}	0.62	-4.61	0.70	mmu-miR-190b
9295	0.87	5.58×10^{-1}	-0.62	-4.61	-1.00	mmu-miR-690
14463	0.87	5.58×10^{-1}	-0.62	-4.61	-0.42	mmu-miR-362-5p
6079	0.87	5.59×10^{-1}	0.62	-4.61	0.23	
1104	0.87	5.59×10^{-1}	0.62	-4.61	0.17	mmu-let-7i
3661	0.87	5.59×10^{-1}	0.62	-4.61	0.61	
4805	0.87	5.59×10^{-1}	-0.62	-4.61	-0.17	mghv-miR-M1-2
10816	0.87	5.59×10^{-1}	-0.62	-4.61	-0.81	mmu-miR-684
11670	0.87	5.60×10^{-1}	0.62	-4.61	0.35	mmu-miR-135b
9416	0.87	5.60×10^{-1}	0.62	-4.61	0.17	mmu-let-7c
12532	0.87	5.61×10^{-1}	0.62	-4.61	0.18	mmu-miR-16
12484	0.87	5.62×10^{-1}	0.61	-4.61	0.49	mmu-miR-193
13933	0.87	5.62×10^{-1}	0.61	-4.61	0.53	mmu-miR-715
13885	0.87	5.62×10^{-1}	0.61	-4.61	0.95	mmu-miR-1187
7941	0.87	5.63×10^{-1}	0.61	-4.61	0.19	
12194	0.87	5.63×10^{-1}	0.61	-4.61	0.57	mmu-miR-1904
646	0.87	5.63×10^{-1}	0.61	-4.61	0.19	mmu-let-7a
5994	0.87	5.63×10^{-1}	0.61	-4.61	0.39	mmu-miR-1906
10150	0.87	5.63×10^{-1}	0.61	-4.61	0.18	mmu-let-7e
3986	0.87	5.63×10^{-1}	-0.61	-4.61	-0.54	mmu-miR-26b*
1363	0.87	5.65×10^{-1}	0.61	-4.61	0.19	
4427	0.87	5.65×10^{-1}	-0.61	-4.61	-0.40	mmu-miR-128
13056	0.87	5.65×10^{-1}	-0.61	-4.61	-0.18	mmu-let-7d
14812	0.87	5.65×10^{-1}	-0.61	-4.61	-0.37	mmu-miR-30a*
9556	0.87	5.66×10^{-1}	0.61	-4.61	0.56	mmu-miR-135a
8694	0.87	5.66×10^{-1}	0.61	-4.61	0.89	mmu-miR-382
6545	0.87	5.66×10^{-1}	0.61	-4.61	0.69	mmu-miR-598
7092	0.87	5.66×10^{-1}	0.61	-4.61	0.22	mmu-miR-29c
12760	0.87	5.67×10^{-1}	0.61	-4.61	0.52	mmu-miR-350
12915	0.87	5.67×10^{-1}	0.61	-4.61	0.15	mmu-miR-24
6844	0.87	5.68×10^{-1}	0.61	-4.61	0.18	mmu-miR-223
15560	0.87	5.68×10^{-1}	-0.60	-4.61	-0.33	mmu-miR-706
2526	0.87	5.68×10^{-1}	0.60	-4.61	0.81	mmu-miR-148b
9840	0.87	5.71×10^{-1}	0.60	-4.61	0.19	mmu-let-7a
1159	0.87	5.71×10^{-1}	-0.60	-4.61	-0.27	mmu-miR-30c-2*
13929	0.87	5.72×10^{-1}	0.60	-4.61	0.19	mmu-let-7c
8019	0.87	5.72×10^{-1}	0.60	-4.61	0.21	
16	0.87	5.72×10^{-1}	0.60	-4.61	0.29	mmu-miR-30e
15471	0.87	5.73×10^{-1}	-0.60	-4.62	-0.57	mmu-miR-22*
13168	0.87	5.73×10^{-1}	0.60	-4.62	0.20	
138	0.87	5.73×10^{-1}	-0.60	-4.62	-0.27	mmu-miR-30a*
9183	0.87	5.73×10^{-1}	-0.60	-4.62	-0.17	mmu-miR-98
2193	0.87	5.73×10^{-1}	-0.60	-4.62	-0.20	mmu-let-7d
3409	0.87	5.74×10^{-1}	-0.60	-4.62	-0.88	mmu-miR-672
8866	0.87	5.74×10^{-1}	0.59	-4.62	0.40	mmu-miR-702

6526	0.87	5.74×10^{-1}	-0.59	-4.62	-0.19	mmu-let-7d
3259	0.87	5.75×10^{-1}	0.59	-4.62	0.16	
6843	0.87	5.75×10^{-1}	0.59	-4.62	0.18	mmu-let-7a
3753	0.87	5.76×10^{-1}	0.59	-4.62	0.17	mmu-miR-28
2756	0.87	5.77×10^{-1}	0.59	-4.62	0.17	mmu-let-7b
10979	0.87	5.78×10^{-1}	0.59	-4.62	0.18	mmu-let-7i
12662	0.87	5.78×10^{-1}	-0.59	-4.62	-0.33	mmu-miR-26a
5276	0.87	5.79×10^{-1}	-0.59	-4.62	-0.38	mmu-let-7f*
14991	0.87	5.79×10^{-1}	0.59	-4.62	0.17	mmu-let-7b
3939	0.87	5.79×10^{-1}	0.59	-4.62	0.24	mmu-miR-331-3p
13266	0.87	5.80×10^{-1}	-0.59	-4.62	-0.15	mmu-miR-130a
9925	0.87	5.80×10^{-1}	0.59	-4.62	0.30	mmu-miR-210
9845	0.87	5.80×10^{-1}	0.59	-4.62	0.69	mmu-miR-715
13754	0.87	5.80×10^{-1}	0.59	-4.62	0.16	mmu-let-7a
10225	0.87	5.80×10^{-1}	0.59	-4.62	0.17	mmu-let-7b
11427	0.87	5.80×10^{-1}	0.59	-4.62	0.16	mmu-miR-361
6539	0.87	5.81×10^{-1}	-0.58	-4.62	-0.25	mmu-miR-191*
9248	0.87	5.81×10^{-1}	0.58	-4.62	0.53	mmu-miR-298
10773	0.87	5.81×10^{-1}	-0.58	-4.62	-0.18	mmu-let-7d
11531	0.87	5.81×10^{-1}	0.58	-4.62	0.20	mmu-miR-29c
9650	0.88	5.82×10^{-1}	0.58	-4.62	0.18	mmu-miR-210
3540	0.88	5.83×10^{-1}	0.58	-4.62	0.17	mmu-miR-425
780	0.88	5.83×10^{-1}	0.58	-4.62	0.14	mmu-miR-322
2080	0.88	5.83×10^{-1}	-0.58	-4.62	-0.19	mmu-miR-10b
5866	0.88	5.83×10^{-1}	0.58	-4.62	0.39	mmu-miR-30e
10477	0.88	5.83×10^{-1}	0.58	-4.62	0.31	mmu-miR-193b
7215	0.88	5.84×10^{-1}	-0.58	-4.62	-0.68	mmu-miR-450b-5p
9493	0.88	5.84×10^{-1}	0.58	-4.62	0.18	mmu-let-7c
14055	0.88	5.84×10^{-1}	0.58	-4.62	0.34	mmu-miR-350
4667	0.88	5.85×10^{-1}	0.58	-4.62	0.38	mcmv-miR-m88-1*
8167	0.88	5.85×10^{-1}	0.58	-4.62	0.28	mmu-miR-140*
9443	0.88	5.85×10^{-1}	-0.58	-4.62	-0.22	mmu-miR-155
12294	0.88	5.86×10^{-1}	0.58	-4.62	0.28	mmu-miR-672
11627	0.88	5.86×10^{-1}	-0.58	-4.62	-0.18	mmu-let-7g
1385	0.88	5.87×10^{-1}	0.58	-4.62	0.19	mmu-let-7e
10051	0.88	5.87×10^{-1}	0.58	-4.62	0.51	mmu-miR-154*
10135	0.88	5.87×10^{-1}	0.57	-4.62	0.21	mmu-miR-30d
12496	0.88	5.87×10^{-1}	0.57	-4.62	0.17	mmu-miR-350
675	0.88	5.88×10^{-1}	0.57	-4.62	0.18	
5083	0.88	5.88×10^{-1}	0.57	-4.62	0.14	mmu-miR-26a
9825	0.88	5.89×10^{-1}	0.57	-4.62	0.17	
5462	0.88	5.89×10^{-1}	-0.57	-4.62	-0.62	mmu-miR-294
6074	0.88	5.90×10^{-1}	-0.57	-4.62	-0.16	mmu-let-7d
8292	0.88	5.90×10^{-1}	0.57	-4.62	0.62	mmu-miR-126-3p
5817	0.88	5.90×10^{-1}	0.57	-4.62	0.16	mmu-let-7c
8033	0.88	5.91×10^{-1}	0.57	-4.62	0.16	mmu-let-7i

1903	0.88	5.91×10^{-1}	0.57	-4.62	0.19	
13338	0.88	5.92×10^{-1}	0.57	-4.62	0.26	mmu-miR-210
11232	0.88	5.92×10^{-1}	0.57	-4.62	0.20	
4673	0.88	5.92×10^{-1}	0.57	-4.62	0.20	mmu-miR-15b
1353	0.88	5.93×10^{-1}	-0.57	-4.62	-0.13	mmu-miR-15a
9909	0.88	5.93×10^{-1}	-0.56	-4.62	-0.17	mmu-miR-23b
832	0.88	5.94×10^{-1}	-0.56	-4.62	-1.00	mmu-miR-140*
13739	0.88	5.96×10^{-1}	0.56	-4.62	0.37	mmu-miR-130b
3169	0.88	5.96×10^{-1}	0.56	-4.62	0.28	mmu-miR-672
8830	0.88	5.97×10^{-1}	0.56	-4.62	0.16	mmu-miR-345-5p
13149	0.88	5.98×10^{-1}	-0.56	-4.62	-0.45	mmu-miR-298
9388	0.88	5.98×10^{-1}	0.56	-4.62	0.15	mmu-let-7a
329	0.88	5.98×10^{-1}	0.56	-4.62	0.15	
1855	0.88	5.99×10^{-1}	0.56	-4.62	0.18	mmu-let-7c
12380	0.88	5.99×10^{-1}	0.56	-4.62	0.13	mmu-miR-24
1684	0.88	5.99×10^{-1}	-0.56	-4.62	-0.16	mmu-miR-301a
14792	0.88	5.99×10^{-1}	0.56	-4.62	0.20	mmu-miR-26b
14746	0.88	6.00×10^{-1}	0.55	-4.62	0.71	mmu-miR-302a
6212	0.88	6.01×10^{-1}	0.55	-4.62	0.37	mmu-let-7b*
4324	0.88	6.01×10^{-1}	0.55	-4.62	0.22	mmu-miR-196b
9461	0.88	6.03×10^{-1}	0.55	-4.62	0.14	mmu-let-7i
7343	0.88	6.03×10^{-1}	0.55	-4.62	1.22	mmu-miR-448
12002	0.88	6.04×10^{-1}	0.55	-4.62	0.13	mmu-miR-24
1380	0.88	6.04×10^{-1}	-0.55	-4.62	-0.36	mmu-miR-128
4582	0.88	6.04×10^{-1}	0.55	-4.62	0.57	mmu-miR-452
2503	0.88	6.04×10^{-1}	0.55	-4.62	0.15	mmu-miR-24
11197	0.88	6.05×10^{-1}	0.55	-4.62	0.19	
483	0.88	6.05×10^{-1}	0.55	-4.62	0.18	mmu-miR-151-5p
7609	0.88	6.05×10^{-1}	0.55	-4.62	0.18	mmu-miR-183
11069	0.88	6.05×10^{-1}	0.55	-4.62	0.49	mmu-miR-20b
13390	0.88	6.06×10^{-1}	-0.55	-4.62	-0.24	mmu-miR-98
15278	0.88	6.06×10^{-1}	0.55	-4.62	0.21	mmu-miR-10b
11397	0.88	6.07×10^{-1}	-0.54	-4.62	-0.22	mmu-let-7d
14397	0.88	6.07×10^{-1}	0.54	-4.62	0.37	mmu-miR-192
14118	0.88	6.07×10^{-1}	-0.54	-4.62	-0.14	mmu-miR-361
1522	0.88	6.07×10^{-1}	0.54	-4.62	0.56	mmu-miR-1904
11271	0.88	6.07×10^{-1}	-0.54	-4.62	-0.22	mmu-miR-30a*
10173	0.89	6.08×10^{-1}	0.54	-4.62	0.39	mmu-miR-31*
1563	0.89	6.09×10^{-1}	-0.54	-4.62	-0.42	mmu-miR-190
2225	0.89	6.09×10^{-1}	-0.54	-4.62	-0.15	mmu-let-7d
339	0.89	6.09×10^{-1}	0.54	-4.62	0.30	mmu-miR-296-5p
4766	0.89	6.11×10^{-1}	0.54	-4.62	0.90	
3927	0.89	6.14×10^{-1}	-0.53	-4.62	-0.31	mmu-miR-30b
4914	0.89	6.14×10^{-1}	-0.53	-4.62	-0.16	mmu-miR-98
14290	0.89	6.16×10^{-1}	0.53	-4.62	0.13	
6601	0.89	6.16×10^{-1}	0.53	-4.62	0.25	mmu-miR-743a

14691	0.89	6.16×10^{-1}	-0.53	-4.62	-0.29	mmu-miR-30b*
1280	0.89	6.16×10^{-1}	-0.53	-4.62	-0.47	mmu-miR-467e
11637	0.89	6.16×10^{-1}	0.53	-4.62	0.35	mmu-miR-196a
12770	0.89	6.17×10^{-1}	0.53	-4.62	0.20	mmu-miR-542-5p
11235	0.89	6.17×10^{-1}	0.53	-4.62	0.57	mmu-miR-1904
3434	0.89	6.17×10^{-1}	0.53	-4.62	0.83	mmu-miR-148a
2827	0.89	6.18×10^{-1}	-0.53	-4.62	-0.30	mmu-miR-27b
3403	0.89	6.18×10^{-1}	-0.53	-4.62	-0.18	mmu-miR-26b
13138	0.89	6.18×10^{-1}	0.53	-4.62	0.12	mmu-miR-24
10952	0.89	6.20×10^{-1}	-0.52	-4.62	-0.26	mmu-miR-27b
5117	0.89	6.20×10^{-1}	0.52	-4.62	0.60	mmu-miR-715
8946	0.89	6.20×10^{-1}	-0.52	-4.62	-0.29	mmu-miR-7b
3048	0.89	6.21×10^{-1}	0.52	-4.62	0.14	mmu-let-7a
9485	0.89	6.21×10^{-1}	0.52	-4.62	0.16	mmu-miR-30d
5659	0.89	6.21×10^{-1}	0.52	-4.62	0.13	mmu-miR-10a
653	0.89	6.22×10^{-1}	0.52	-4.62	0.42	mmu-miR-1904
466	0.89	6.22×10^{-1}	-0.52	-4.62	-0.13	mmu-miR-107
11241	0.89	6.23×10^{-1}	-0.52	-4.62	-0.71	mmu-let-7b*
847	0.89	6.23×10^{-1}	-0.52	-4.62	-0.35	mmu-miR-302a
6456	0.89	6.23×10^{-1}	-0.52	-4.62	-0.14	mmu-miR-130a
8982	0.89	6.23×10^{-1}	0.52	-4.62	0.12	mmu-miR-24
7217	0.89	6.24×10^{-1}	0.52	-4.62	0.12	mmu-miR-342-3p
15167	0.89	6.24×10^{-1}	0.52	-4.62	0.15	mmu-miR-98
10453	0.89	6.24×10^{-1}	-0.52	-4.62	-0.34	mmu-miR-146a
4973	0.89	6.25×10^{-1}	-0.52	-4.62	-0.40	mmu-miR-129-3p
1176	0.90	6.26×10^{-1}	-0.51	-4.62	-0.13	mmu-miR-107
1016	0.90	6.26×10^{-1}	0.51	-4.62	0.56	mmu-miR-302a
7364	0.90	6.27×10^{-1}	0.51	-4.62	0.21	mmu-miR-296-5p
6173	0.90	6.27×10^{-1}	0.51	-4.62	0.59	mmu-miR-877*
898	0.90	6.27×10^{-1}	0.51	-4.62	0.13	mmu-miR-361
6556	0.90	6.28×10^{-1}	0.51	-4.62	0.17	mmu-miR-331-3p
13384	0.90	6.29×10^{-1}	0.51	-4.62	0.13	mmu-let-7i
15296	0.90	6.29×10^{-1}	-0.51	-4.62	-0.62	mmu-miR-30e*
11444	0.90	6.30×10^{-1}	0.51	-4.62	0.56	mmu-miR-669l
10505	0.90	6.30×10^{-1}	-0.51	-4.62	-0.18	mmu-miR-652
3629	0.90	6.30×10^{-1}	0.51	-4.62	0.59	mmu-miR-31*
13562	0.90	6.30×10^{-1}	0.51	-4.62	0.22	mmu-miR-99b
13197	0.90	6.31×10^{-1}	-0.51	-4.62	-0.18	mmu-let-7f
5049	0.90	6.32×10^{-1}	-0.51	-4.62	-0.13	mmu-miR-130a
6195	0.90	6.32×10^{-1}	-0.51	-4.62	-0.32	
340	0.90	6.32×10^{-1}	-0.51	-4.62	-0.14	mmu-miR-350
6766	0.90	6.32×10^{-1}	0.51	-4.62	0.20	mmu-miR-196a
7395	0.90	6.32×10^{-1}	0.51	-4.62	0.15	mmu-miR-674*
2983	0.90	6.32×10^{-1}	-0.50	-4.62	-0.15	mmu-let-7d
6462	0.90	6.33×10^{-1}	0.50	-4.62	0.15	mmu-let-7b
4850	0.90	6.33×10^{-1}	0.50	-4.62	0.12	mmu-let-7i

4353	0.90	6.33×10^{-1}	0.50	-4.62	0.14	mmu-let-7a
3856	0.90	6.34×10^{-1}	0.50	-4.62	0.20	mmu-miR-30d
8480	0.90	6.34×10^{-1}	0.50	-4.62	0.85	mmu-miR-715
15578	0.90	6.34×10^{-1}	-0.50	-4.62	-0.34	
11577	0.90	6.34×10^{-1}	0.50	-4.62	0.26	mmu-miR-361
6925	0.90	6.34×10^{-1}	-0.50	-4.62	-0.36	mmu-miR-451
11249	0.90	6.35×10^{-1}	-0.50	-4.62	-0.15	mmu-let-7d
12315	0.90	6.35×10^{-1}	0.50	-4.62	0.24	mmu-miR-497
1138	0.90	6.35×10^{-1}	0.50	-4.62	0.36	mmu-miR-193
3098	0.90	6.36×10^{-1}	-0.50	-4.62	-0.15	mmu-miR-26a
9497	0.90	6.36×10^{-1}	0.50	-4.62	0.21	mmu-miR-26b
1139	0.90	6.36×10^{-1}	0.50	-4.62	0.13	mmu-miR-149
4169	0.90	6.36×10^{-1}	0.50	-4.62	0.14	
5631	0.90	6.36×10^{-1}	0.50	-4.62	0.14	mmu-miR-31*
3485	0.90	6.37×10^{-1}	0.50	-4.62	0.12	
9371	0.90	6.37×10^{-1}	-0.50	-4.62	-0.50	mmu-miR-697
11997	0.90	6.38×10^{-1}	0.50	-4.62	0.38	mmu-miR-146a
14087	0.90	6.38×10^{-1}	0.50	-4.62	0.17	mmu-let-7a
15728	0.90	6.38×10^{-1}	-0.50	-4.62	-0.17	mmu-miR-500
4248	0.90	6.39×10^{-1}	0.50	-4.62	0.18	mmu-miR-183
2043	0.90	6.39×10^{-1}	0.49	-4.62	0.15	mmu-miR-103
13052	0.90	6.40×10^{-1}	0.49	-4.62	0.46	mmu-miR-590-3p
3066	0.90	6.41×10^{-1}	-0.49	-4.62	-0.23	mmu-miR-223
8865	0.90	6.41×10^{-1}	0.49	-4.62	0.70	mmu-miR-221
9163	0.90	6.42×10^{-1}	0.49	-4.62	0.17	mmu-miR-15b
9765	0.90	6.43×10^{-1}	-0.49	-4.62	-0.68	mmu-miR-365
8507	0.90	6.43×10^{-1}	-0.49	-4.62	-0.26	mmu-miR-702
3236	0.90	6.43×10^{-1}	0.49	-4.62	0.15	mmu-miR-221
8044	0.90	6.43×10^{-1}	-0.49	-4.62	-0.55	mmu-miR-30c
11081	0.90	6.44×10^{-1}	0.49	-4.62	0.41	mmu-miR-190
14343	0.90	6.44×10^{-1}	-0.49	-4.62	-0.14	mmu-miR-191*
12273	0.90	6.45×10^{-1}	0.49	-4.62	0.14	
823	0.90	6.45×10^{-1}	0.49	-4.62	0.18	mmu-miR-149
13773	0.90	6.46×10^{-1}	0.48	-4.62	0.12	
14477	0.90	6.46×10^{-1}	-0.48	-4.62	-0.12	mmu-let-7g
10247	0.90	6.47×10^{-1}	-0.48	-4.62	-0.14	mmu-miR-130a
8440	0.90	6.48×10^{-1}	-0.48	-4.62	-0.13	mmu-miR-130a
6633	0.90	6.49×10^{-1}	0.48	-4.62	0.17	mmu-miR-15b
15076	0.90	6.50×10^{-1}	-0.48	-4.62	-0.12	mmu-miR-324-5p
14156	0.90	6.51×10^{-1}	0.48	-4.62	0.20	
5056	0.90	6.51×10^{-1}	-0.48	-4.62	-0.57	mmu-miR-135b
9695	0.90	6.52×10^{-1}	0.48	-4.62	0.13	
12657	0.90	6.52×10^{-1}	0.48	-4.62	0.69	mmu-miR-1187
8906	0.90	6.52×10^{-1}	-0.47	-4.62	-0.11	mmu-miR-15a
11092	0.90	6.53×10^{-1}	0.47	-4.62	0.22	mmu-miR-30b*
14622	0.90	6.53×10^{-1}	0.47	-4.62	0.27	mmu-miR-191*

7060	0.90	6.53×10^{-1}	0.47	-4.62	0.27	mmu-miR-27a
8720	0.90	6.53×10^{-1}	-0.47	-4.62	-0.34	mmu-miR-30b
798	0.90	6.54×10^{-1}	0.47	-4.62	0.11	mmu-miR-196b
14485	0.90	6.54×10^{-1}	0.47	-4.62	0.20	mmu-miR-497
10727	0.90	6.55×10^{-1}	-0.47	-4.62	-0.36	mmu-miR-697
5035	0.90	6.55×10^{-1}	-0.47	-4.62	-0.12	mmu-miR-130a
4400	0.90	6.55×10^{-1}	0.47	-4.62	0.14	mmu-miR-500
13941	0.90	6.55×10^{-1}	0.47	-4.62	0.11	mmu-miR-345-5p
8156	0.90	6.56×10^{-1}	-0.47	-4.62	-0.13	mmu-miR-130a
11610	0.90	6.56×10^{-1}	0.47	-4.62	0.32	mmu-miR-191*
9754	0.90	6.56×10^{-1}	-0.47	-4.62	-0.85	mmu-miR-669h-5p
9204	0.90	6.56×10^{-1}	0.47	-4.62	0.14	mmu-miR-210
469	0.90	6.56×10^{-1}	-0.47	-4.62	-0.18	mmu-miR-290-3p
12434	0.90	6.57×10^{-1}	0.47	-4.62	0.19	mmu-miR-532-5p
10983	0.90	6.57×10^{-1}	0.47	-4.62	0.16	mmu-miR-331-3p
7589	0.90	6.57×10^{-1}	0.47	-4.62	0.15	mmu-let-7a
12933	0.90	6.57×10^{-1}	0.47	-4.62	0.25	mmu-miR-18a
297	0.90	6.57×10^{-1}	0.47	-4.62	0.11	
12386	0.90	6.58×10^{-1}	0.47	-4.62	0.21	mmu-miR-27a
2633	0.90	6.58×10^{-1}	-0.47	-4.62	-0.23	mmu-miR-98
2092	0.90	6.58×10^{-1}	-0.47	-4.62	-0.49	mmu-miR-297c
13724	0.90	6.59×10^{-1}	0.46	-4.62	0.11	
8735	0.90	6.59×10^{-1}	0.46	-4.62	0.13	mmu-miR-98
557	0.90	6.61×10^{-1}	0.46	-4.62	0.18	mmu-miR-196a
14400	0.90	6.61×10^{-1}	-0.46	-4.62	-0.40	mmu-miR-674*
2197	0.90	6.61×10^{-1}	-0.46	-4.62	-0.40	
11021	0.90	6.61×10^{-1}	-0.46	-4.62	-0.14	mmu-let-7f
443	0.90	6.61×10^{-1}	0.46	-4.62	0.12	
12379	0.90	6.62×10^{-1}	-0.46	-4.62	-0.55	mmu-miR-7b
7443	0.90	6.62×10^{-1}	0.46	-4.62	0.11	
8172	0.90	6.62×10^{-1}	-0.46	-4.62	-0.39	mmu-miR-202-3p
7533	0.90	6.62×10^{-1}	0.46	-4.62	0.14	
14219	0.90	6.64×10^{-1}	0.46	-4.62	0.14	mmu-let-7a
13454	0.90	6.64×10^{-1}	0.46	-4.62	0.13	mmu-miR-322
2106	0.90	6.65×10^{-1}	0.46	-4.62	0.16	mmu-miR-196a
10633	0.90	6.65×10^{-1}	0.46	-4.62	0.31	mmu-miR-93
1634	0.90	6.66×10^{-1}	-0.45	-4.62	-0.14	mmu-let-7f
9736	0.90	6.66×10^{-1}	-0.45	-4.62	-0.18	mmu-miR-221
8053	0.90	6.66×10^{-1}	0.45	-4.62	0.35	mmu-miR-30a
1373	0.90	6.66×10^{-1}	-0.45	-4.62	-0.34	mmu-miR-290-3p
10296	0.90	6.66×10^{-1}	-0.45	-4.62	-0.16	mmu-miR-26b
6913	0.90	6.66×10^{-1}	0.45	-4.62	0.33	
9816	0.90	6.66×10^{-1}	0.45	-4.62	0.14	
13619	0.90	6.67×10^{-1}	0.45	-4.62	0.57	mmu-miR-10a*
7373	0.90	6.67×10^{-1}	0.45	-4.62	0.11	mmu-miR-196b
14363	0.90	6.67×10^{-1}	-0.45	-4.62	-0.53	mmu-miR-669n

3006	0.90	6.67x10 ⁻¹	0.45	-4.62	0.11	
15620	0.90	6.67x10 ⁻¹	-0.45	-4.62	-0.13	mmu-miR-24
10612	0.90	6.68x10 ⁻¹	0.45	-4.62	0.13	
4492	0.90	6.68x10 ⁻¹	-0.45	-4.62	-0.13	mmu-let-7f
9656	0.90	6.68x10 ⁻¹	-0.45	-4.62	-0.33	mmu-miR-202-3p
12670	0.90	6.68x10 ⁻¹	-0.45	-4.62	-0.40	mmu-miR-223
15722	0.90	6.69x10 ⁻¹	0.45	-4.62	0.66	mmu-miR-202-3p
6121	0.90	6.69x10 ⁻¹	0.45	-4.62	0.22	mmu-miR-192
8527	0.90	6.70x10 ⁻¹	-0.45	-4.62	-0.19	mmu-miR-26a
3996	0.90	6.70x10 ⁻¹	-0.45	-4.62	-0.10	mmu-miR-130b
3711	0.90	6.70x10 ⁻¹	0.45	-4.62	0.52	mmu-miR-302a
9588	0.90	6.70x10 ⁻¹	-0.45	-4.62	-0.44	mmu-miR-324-3p
8022	0.90	6.71x10 ⁻¹	0.45	-4.62	0.16	mmu-miR-28
4754	0.90	6.71x10 ⁻¹	0.45	-4.62	0.11	mmu-miR-23a
10351	0.90	6.72x10 ⁻¹	0.45	-4.62	0.77	mmu-miR-697
11776	0.90	6.72x10 ⁻¹	0.45	-4.62	0.49	mmu-miR-541
3600	0.90	6.73x10 ⁻¹	-0.44	-4.62	-0.11	mmu-miR-652
14227	0.90	6.73x10 ⁻¹	-0.44	-4.62	-0.10	mmu-miR-15a
2399	0.90	6.73x10 ⁻¹	-0.44	-4.62	-0.13	mmu-miR-652
2363	0.91	6.74x10 ⁻¹	0.44	-4.62	0.13	
14947	0.91	6.75x10 ⁻¹	0.44	-4.62	0.12	mmu-miR-331-3p
9473	0.91	6.76x10 ⁻¹	0.44	-4.62	0.61	mmu-miR-190b
8924	0.91	6.77x10 ⁻¹	0.44	-4.62	0.30	mmu-miR-28
12090	0.91	6.78x10 ⁻¹	-0.44	-4.62	-0.13	mmu-let-7d
839	0.91	6.78x10 ⁻¹	0.44	-4.62	0.12	mmu-let-7a
8506	0.91	6.78x10 ⁻¹	-0.44	-4.62	-0.11	mmu-miR-342-3p
14032	0.91	6.78x10 ⁻¹	-0.44	-4.62	-0.10	mmu-miR-324-5p
1792	0.91	6.80x10 ⁻¹	0.43	-4.62	0.14	mmu-let-7a
6298	0.91	6.80x10 ⁻¹	0.43	-4.62	0.12	mmu-miR-24
1388	0.91	6.81x10 ⁻¹	0.43	-4.62	0.28	mmu-miR-503
4608	0.91	6.81x10 ⁻¹	-0.43	-4.62	-0.23	mghv-miR-M1-7-3p
1813	0.91	6.82x10 ⁻¹	-0.43	-4.62	-0.11	mmu-miR-23b
9240	0.91	6.82x10 ⁻¹	0.43	-4.62	0.30	mmu-miR-376b*
11767	0.91	6.82x10 ⁻¹	0.43	-4.62	0.46	mmu-miR-126-5p
15135	0.91	6.82x10 ⁻¹	-0.43	-4.62	-0.49	mmu-miR-199a-5p
1025	0.91	6.82x10 ⁻¹	0.43	-4.62	0.51	mmu-miR-202-3p
14494	0.91	6.83x10 ⁻¹	-0.43	-4.62	-0.11	mmu-let-7g
4759	0.91	6.83x10 ⁻¹	0.43	-4.62	0.11	mmu-let-7i
9120	0.91	6.83x10 ⁻¹	0.43	-4.62	0.15	mmu-miR-196a
14435	0.91	6.84x10 ⁻¹	-0.43	-4.62	-0.70	mmu-miR-197
200	0.91	6.84x10 ⁻¹	0.43	-4.62	0.11	
11250	0.91	6.85x10 ⁻¹	0.43	-4.62	0.29	mmu-miR-26b
8021	0.91	6.85x10 ⁻¹	-0.43	-4.62	-0.10	mmu-miR-15a
4393	0.91	6.86x10 ⁻¹	-0.43	-4.62	-0.11	mmu-miR-652
8950	0.91	6.86x10 ⁻¹	0.42	-4.62	0.26	
11578	0.91	6.86x10 ⁻¹	0.42	-4.62	0.41	mmu-miR-23b

13643	0.91	6.87×10^{-1}	0.42	-4.62	0.12	mmu-miR-322
3340	0.91	6.89×10^{-1}	0.42	-4.62	0.42	mmu-miR-374*
2607	0.91	6.89×10^{-1}	0.42	-4.62	0.14	mmu-let-7c
9595	0.91	6.89×10^{-1}	-0.42	-4.62	-0.52	mmu-miR-7a
3883	0.91	6.90×10^{-1}	0.42	-4.62	0.46	mmu-miR-202-3p
10552	0.91	6.91×10^{-1}	-0.42	-4.62	-0.47	mmu-miR-298
4789	0.91	6.91×10^{-1}	0.42	-4.62	0.56	mmu-miR-697
6438	0.91	6.91×10^{-1}	0.42	-4.62	0.18	mmu-miR-425*
15682	0.91	6.93×10^{-1}	-0.42	-4.62	-0.26	mmu-miR-290-3p
11469	0.91	6.93×10^{-1}	-0.42	-4.62	-0.27	mmu-miR-720
5726	0.91	6.93×10^{-1}	0.41	-4.62	0.13	mmu-miR-210
3433	0.91	6.93×10^{-1}	-0.41	-4.62	-0.20	mmu-miR-877*
7861	0.91	6.94×10^{-1}	0.41	-4.62	0.13	mmu-miR-23b
12132	0.92	6.95×10^{-1}	-0.41	-4.62	-0.31	mghv-miR-M1-2
3347	0.92	6.95×10^{-1}	0.41	-4.62	0.54	mmu-miR-148b
13379	0.92	6.95×10^{-1}	-0.41	-4.62	-0.33	mmu-miR-191*
3052	0.92	6.95×10^{-1}	0.41	-4.62	0.41	
2760	0.92	6.97×10^{-1}	-0.41	-4.62	-0.18	mmu-miR-140*
10029	0.92	6.97×10^{-1}	-0.41	-4.62	-0.11	mmu-miR-155
2038	0.92	6.97×10^{-1}	0.41	-4.62	0.25	mmu-miR-1904
4649	0.92	6.98×10^{-1}	-0.41	-4.62	-0.12	mmu-let-7g
4926	0.92	6.99×10^{-1}	0.41	-4.62	0.11	mmu-miR-423-5p
15452	0.92	6.99×10^{-1}	-0.41	-4.62	-0.35	mmu-miR-7a*
8586	0.92	6.99×10^{-1}	-0.41	-4.62	-0.15	mmu-let-7f*
1069	0.92	7.00×10^{-1}	0.41	-4.62	0.19	mmu-miR-26a
1361	0.92	7.00×10^{-1}	0.40	-4.62	0.09	mmu-miR-27a
773	0.92	7.00×10^{-1}	0.40	-4.62	0.10	mmu-miR-130b
12888	0.92	7.00×10^{-1}	-0.40	-4.62	-0.19	mmu-miR-877*
10579	0.92	7.00×10^{-1}	0.40	-4.62	0.47	mmu-miR-1904
10183	0.92	7.00×10^{-1}	0.40	-4.62	0.51	mmu-miR-1904
10951	0.92	7.02×10^{-1}	-0.40	-4.62	-0.10	mmu-miR-130a
6666	0.92	7.02×10^{-1}	0.40	-4.62	0.14	mmu-miR-26b
14255	0.92	7.02×10^{-1}	0.40	-4.62	0.17	mmu-miR-183
10322	0.92	7.03×10^{-1}	0.40	-4.62	0.14	mmu-miR-140
4402	0.92	7.04×10^{-1}	0.40	-4.62	0.09	mmu-miR-322
15152	0.92	7.05×10^{-1}	0.40	-4.62	0.10	mmu-miR-331-3p
12925	0.92	7.05×10^{-1}	0.40	-4.62	0.09	mmu-miR-96
3508	0.92	7.06×10^{-1}	0.40	-4.62	0.09	mmu-miR-322
14246	0.92	7.06×10^{-1}	0.40	-4.62	0.13	mmu-miR-27b
6690	0.92	7.07×10^{-1}	0.39	-4.62	0.15	mmu-miR-296-5p
22	0.92	7.07×10^{-1}	0.39	-4.62	0.44	mmu-miR-190
6630	0.92	7.08×10^{-1}	0.39	-4.62	0.31	mmu-miR-224
14385	0.92	7.08×10^{-1}	-0.39	-4.62	-0.15	mmu-miR-98
4497	0.92	7.09×10^{-1}	0.39	-4.62	0.11	mmu-let-7a
15015	0.92	7.09×10^{-1}	0.39	-4.62	0.39	mmu-miR-100
8099	0.92	7.09×10^{-1}	0.39	-4.62	0.11	

965	0.92	7.09×10^{-1}	0.39	-4.62	0.14	mmu-miR-301a
1322	0.92	7.11×10^{-1}	0.39	-4.62	0.19	mmu-miR-100
11595	0.92	7.11×10^{-1}	0.39	-4.62	0.12	mmu-miR-361
5658	0.92	7.12×10^{-1}	-0.39	-4.62	-0.25	mmu-miR-483*
713	0.92	7.13×10^{-1}	-0.39	-4.62	-0.37	mmu-miR-7a
15662	0.92	7.13×10^{-1}	-0.39	-4.62	-0.09	
10272	0.92	7.13×10^{-1}	0.39	-4.62	0.10	mmu-miR-331-3p
14937	0.92	7.14×10^{-1}	-0.38	-4.62	-0.14	mmu-let-7g
8672	0.92	7.15×10^{-1}	-0.38	-4.62	-0.23	mmu-miR-18a
6836	0.92	7.15×10^{-1}	0.38	-4.62	0.28	mmu-miR-27b
5978	0.93	7.16×10^{-1}	-0.38	-4.62	-0.11	mmu-miR-19a
7920	0.93	7.17×10^{-1}	0.38	-4.62	0.24	mmu-miR-7a
580	0.93	7.18×10^{-1}	0.38	-4.62	0.16	mmu-miR-872
12168	0.93	7.18×10^{-1}	0.38	-4.62	0.09	mmu-miR-15b
5507	0.93	7.19×10^{-1}	-0.38	-4.62	-0.09	mmu-miR-15a
2757	0.93	7.19×10^{-1}	0.38	-4.62	0.12	mmu-let-7c
8015	0.93	7.20×10^{-1}	-0.38	-4.62	-0.23	mmu-miR-320
11458	0.93	7.20×10^{-1}	0.38	-4.62	0.63	mmu-miR-135a*
7153	0.93	7.21×10^{-1}	0.38	-4.62	0.27	mmu-miR-7a
5202	0.93	7.21×10^{-1}	0.38	-4.62	0.18	
5800	0.93	7.21×10^{-1}	0.37	-4.62	0.09	mmu-miR-27a
6874	0.93	7.22×10^{-1}	0.37	-4.62	0.09	mmu-miR-24
8682	0.93	7.23×10^{-1}	-0.37	-4.62	-0.56	
4414	0.93	7.23×10^{-1}	-0.37	-4.62	-0.11	mmu-let-7f
9321	0.93	7.23×10^{-1}	0.37	-4.62	0.11	mmu-let-7a
11779	0.93	7.23×10^{-1}	0.37	-4.62	0.10	mmu-miR-361
9552	0.93	7.24×10^{-1}	-0.37	-4.62	-0.17	mmu-miR-26b
14188	0.93	7.24×10^{-1}	0.37	-4.62	0.09	mmu-miR-342-3p
2189	0.93	7.24×10^{-1}	0.37	-4.62	0.10	mghv-miR-M1-2
1463	0.93	7.24×10^{-1}	0.37	-4.62	0.21	mmu-miR-18a
11238	0.93	7.25×10^{-1}	-0.37	-4.62	-1.02	mmu-miR-99b
1962	0.93	7.25×10^{-1}	-0.37	-4.62	-0.25	mmu-miR-466c-5p
8108	0.93	7.25×10^{-1}	-0.37	-4.62	-0.20	mmu-miR-130b
7801	0.93	7.25×10^{-1}	0.37	-4.62	0.39	mmu-miR-295
13060	0.93	7.25×10^{-1}	0.37	-4.62	0.11	mmu-miR-26a
3836	0.93	7.25×10^{-1}	0.37	-4.62	0.12	mmu-miR-26a
13172	0.93	7.26×10^{-1}	0.37	-4.62	0.11	mmu-miR-674*
6829	0.93	7.26×10^{-1}	-0.37	-4.62	-0.17	mmu-miR-142-3p
11395	0.93	7.26×10^{-1}	0.37	-4.62	0.09	
14320	0.93	7.26×10^{-1}	-0.37	-4.62	-0.09	mmu-miR-130b
12667	0.93	7.26×10^{-1}	-0.37	-4.62	-0.13	mmu-miR-674*
3096	0.93	7.26×10^{-1}	0.37	-4.62	0.14	mmu-miR-210
10071	0.93	7.27×10^{-1}	0.37	-4.62	0.12	mmu-let-7a
12990	0.93	7.27×10^{-1}	0.37	-4.62	0.35	mmu-miR-1904
6942	0.93	7.28×10^{-1}	-0.36	-4.62	-0.14	mmu-miR-185
1549	0.93	7.29×10^{-1}	0.36	-4.62	0.34	mmu-miR-202-3p

9737	0.93	7.29×10^{-1}	-0.36	-4.62	-0.10	mmu-miR-23b
4834	0.93	7.29×10^{-1}	0.36	-4.62	0.25	mmu-miR-378
11783	0.93	7.30×10^{-1}	0.36	-4.62	0.35	mmu-miR-202-3p
10118	0.93	7.30×10^{-1}	0.36	-4.62	0.10	mmu-miR-24
8993	0.93	7.30×10^{-1}	0.36	-4.62	0.40	mmu-miR-1904
3477	0.93	7.30×10^{-1}	0.36	-4.62	0.11	
15438	0.93	7.30×10^{-1}	0.36	-4.62	0.41	mmu-miR-1187
9719	0.93	7.32×10^{-1}	0.36	-4.62	0.29	mmu-miR-126-5p
14676	0.93	7.33×10^{-1}	0.36	-4.62	0.13	mmu-let-7c
11728	0.93	7.33×10^{-1}	0.36	-4.62	0.09	mmu-let-7i
2627	0.93	7.33×10^{-1}	0.36	-4.62	0.50	mmu-let-7b*
7277	0.93	7.34×10^{-1}	0.36	-4.62	0.10	mmu-let-7i
11559	0.93	7.35×10^{-1}	0.36	-4.62	0.09	mmu-miR-96
9512	0.93	7.38×10^{-1}	0.35	-4.62	0.26	mmu-miR-135b
5642	0.93	7.39×10^{-1}	0.35	-4.62	0.45	mmu-miR-499
11387	0.93	7.39×10^{-1}	-0.35	-4.62	-0.66	mmu-miR-190b
2685	0.93	7.39×10^{-1}	-0.35	-4.62	-0.08	
2980	0.93	7.39×10^{-1}	0.35	-4.62	0.29	mmu-miR-290-3p
12553	0.93	7.40×10^{-1}	0.35	-4.62	0.14	mmu-miR-96
14862	0.93	7.40×10^{-1}	-0.35	-4.62	-0.10	mmu-let-7f
6626	0.93	7.40×10^{-1}	0.35	-4.62	0.10	mmu-miR-342-3p
14265	0.93	7.40×10^{-1}	0.35	-4.62	0.28	mmu-miR-503
7523	0.93	7.41×10^{-1}	-0.35	-4.62	-0.08	mmu-miR-15a
1372	0.93	7.41×10^{-1}	0.35	-4.62	0.23	mmu-miR-221
12884	0.93	7.42×10^{-1}	-0.35	-4.62	-0.16	mmu-miR-23b
8617	0.93	7.42×10^{-1}	0.34	-4.62	0.17	
430	0.93	7.43×10^{-1}	-0.34	-4.62	-0.16	mmu-miR-196b
583	0.93	7.43×10^{-1}	0.34	-4.62	0.41	mmu-miR-320
8490	0.93	7.43×10^{-1}	0.34	-4.62	0.08	mmu-miR-15b
14232	0.93	7.44×10^{-1}	-0.34	-4.62	-0.15	mmu-miR-290-3p
3804	0.93	7.44×10^{-1}	0.34	-4.62	0.19	
1580	0.93	7.44×10^{-1}	-0.34	-4.62	-0.19	mmu-miR-148b
11120	0.93	7.45×10^{-1}	-0.34	-4.62	-0.49	mmu-miR-297c
14144	0.93	7.45×10^{-1}	0.34	-4.62	0.09	mmu-miR-103
14197	0.93	7.45×10^{-1}	0.34	-4.62	0.47	mmu-miR-1904
8718	0.93	7.45×10^{-1}	0.34	-4.62	0.09	mmu-let-7i
809	0.94	7.49×10^{-1}	-0.34	-4.62	-0.07	mmu-miR-15a
9564	0.94	7.50×10^{-1}	0.33	-4.62	0.60	mmu-miR-451
2481	0.94	7.50×10^{-1}	0.33	-4.62	0.11	mmu-miR-30b
8969	0.94	7.51×10^{-1}	-0.33	-4.62	-0.11	mmu-let-7d
12960	0.94	7.51×10^{-1}	0.33	-4.62	0.23	
11191	0.94	7.51×10^{-1}	0.33	-4.62	0.24	mmu-miR-702
12207	0.94	7.51×10^{-1}	0.33	-4.62	0.12	mmu-miR-196a
8177	0.94	7.51×10^{-1}	0.33	-4.62	0.43	mcmv-miR-M23-1-5p
11583	0.94	7.52×10^{-1}	-0.33	-4.62	-0.21	mmu-miR-192
12213	0.94	7.53×10^{-1}	-0.33	-4.62	-0.33	mmu-miR-503

8002	0.94	7.53×10^{-1}	0.33	-4.62	0.18	mmu-miR-181d
2330	0.94	7.53×10^{-1}	0.33	-4.62	0.09	mmu-miR-342-3p
11002	0.94	7.53×10^{-1}	0.33	-4.62	0.55	mmu-miR-190
4901	0.94	7.54×10^{-1}	0.33	-4.62	0.12	mmu-miR-500
3849	0.94	7.54×10^{-1}	0.33	-4.62	0.12	mmu-miR-210
11100	0.94	7.54×10^{-1}	-0.33	-4.62	-0.09	mmu-miR-27b
9331	0.94	7.55×10^{-1}	-0.33	-4.62	-0.60	mmu-miR-337-3p
13124	0.94	7.57×10^{-1}	0.32	-4.62	0.25	
15124	0.94	7.57×10^{-1}	-0.32	-4.62	-0.47	mmu-miR-19b
6498	0.94	7.58×10^{-1}	-0.32	-4.62	-0.17	mmu-miR-30a
11496	0.94	7.58×10^{-1}	-0.32	-4.62	-0.10	mmu-miR-15a
9245	0.94	7.59×10^{-1}	-0.32	-4.62	-0.26	mmu-miR-30c-2*
9867	0.94	7.59×10^{-1}	0.32	-4.62	0.24	mmu-miR-324-5p
10450	0.94	7.59×10^{-1}	0.32	-4.62	0.29	mmu-miR-142-3p
10541	0.94	7.59×10^{-1}	0.32	-4.62	0.31	mmu-miR-136*
9677	0.94	7.59×10^{-1}	0.32	-4.62	0.32	mmu-miR-222
1075	0.94	7.60×10^{-1}	0.32	-4.62	0.10	mmu-miR-345-5p
5500	0.94	7.60×10^{-1}	0.32	-4.62	0.23	mmu-miR-668
13958	0.94	7.61×10^{-1}	-0.32	-4.62	-0.10	mmu-let-7g
13804	0.94	7.61×10^{-1}	0.32	-4.62	0.16	
13716	0.94	7.61×10^{-1}	-0.32	-4.62	-0.33	mmu-miR-190
2831	0.94	7.61×10^{-1}	0.32	-4.62	0.54	mmu-miR-574-5p
14842	0.94	7.62×10^{-1}	0.32	-4.62	0.34	mmu-miR-190
8183	0.94	7.62×10^{-1}	-0.32	-4.62	-0.07	mmu-miR-140
7712	0.94	7.62×10^{-1}	-0.32	-4.62	-0.09	mmu-let-7f
11659	0.94	7.62×10^{-1}	-0.32	-4.62	-0.41	mmu-miR-652
15490	0.94	7.62×10^{-1}	-0.32	-4.62	-0.18	mmu-miR-674*
446	0.94	7.63×10^{-1}	0.32	-4.62	0.23	mmu-miR-294
5788	0.94	7.63×10^{-1}	-0.32	-4.62	-0.26	mmu-miR-463*
12494	0.94	7.64×10^{-1}	0.31	-4.62	0.48	mmu-miR-18a*
973	0.94	7.65×10^{-1}	0.31	-4.62	0.10	mmu-let-7a
6342	0.94	7.66×10^{-1}	0.31	-4.62	0.28	mmu-miR-181d
15568	0.94	7.66×10^{-1}	0.31	-4.62	0.10	mmu-let-7e
7855	0.94	7.67×10^{-1}	-0.31	-4.62	-0.21	mmu-miR-290-3p
2018	0.94	7.67×10^{-1}	-0.31	-4.62	-0.13	mmu-miR-10b
10587	0.94	7.67×10^{-1}	-0.31	-4.62	-0.07	mmu-miR-15a
14404	0.94	7.69×10^{-1}	0.31	-4.62	0.10	mmu-miR-10a
2889	0.94	7.69×10^{-1}	0.31	-4.62	0.20	mmu-miR-191*
15067	0.94	7.69×10^{-1}	-0.31	-4.62	-0.13	mmu-let-7d
7939	0.94	7.71×10^{-1}	0.31	-4.62	0.23	mmu-miR-211
9948	0.94	7.71×10^{-1}	-0.31	-4.62	-0.12	mmu-miR-185
7820	0.94	7.71×10^{-1}	-0.31	-4.62	-0.22	mmu-miR-19a*
11149	0.94	7.71×10^{-1}	0.30	-4.62	0.10	mmu-miR-361
5522	0.94	7.71×10^{-1}	0.30	-4.62	0.31	mmu-miR-30c
12611	0.94	7.73×10^{-1}	-0.30	-4.62	-0.30	mmu-miR-465a-3p
7665	0.94	7.73×10^{-1}	0.30	-4.62	0.08	

1030	0.95	7.74x10 ⁻¹	0.30	-4.62	0.31	mmu-miR-697
12001	0.95	7.74x10 ⁻¹	0.30	-4.62	0.23	
3411	0.95	7.75x10 ⁻¹	-0.30	-4.62	-0.09	mmu-miR-465a-3p
12576	0.95	7.75x10 ⁻¹	0.30	-4.62	0.07	mmu-miR-107
8994	0.95	7.75x10 ⁻¹	-0.30	-4.62	-0.08	mmu-miR-130b
3762	0.95	7.76x10 ⁻¹	0.30	-4.62	0.13	mmu-miR-29c
8951	0.95	7.77x10 ⁻¹	-0.30	-4.62	-0.20	mmu-miR-30e*
2183	0.95	7.78x10 ⁻¹	-0.30	-4.62	-0.11	
10307	0.95	7.78x10 ⁻¹	0.30	-4.62	0.09	mmu-miR-103
13520	0.95	7.78x10 ⁻¹	0.30	-4.62	0.08	mmu-let-7i
100	0.95	7.80x10 ⁻¹	0.29	-4.62	0.40	mmu-miR-92b
2214	0.95	7.80x10 ⁻¹	-0.29	-4.62	-0.30	mghv-miR-M1-6
10896	0.95	7.81x10 ⁻¹	-0.29	-4.62	-0.15	mmu-miR-28
9134	0.95	7.81x10 ⁻¹	-0.29	-4.62	-0.09	mmu-miR-881
15399	0.95	7.81x10 ⁻¹	-0.29	-4.62	-0.18	mmu-miR-669a
11975	0.95	7.81x10 ⁻¹	-0.29	-4.62	-0.20	mmu-miR-30a*
4457	0.95	7.81x10 ⁻¹	0.29	-4.62	0.07	mmu-miR-15b
3276	0.95	7.81x10 ⁻¹	0.29	-4.62	0.42	mmu-miR-1895
5740	0.95	7.82x10 ⁻¹	0.29	-4.62	0.19	mmu-miR-298
2063	0.95	7.82x10 ⁻¹	0.29	-4.62	0.09	
2282	0.95	7.83x10 ⁻¹	-0.29	-4.62	-0.07	mmu-let-7g
10880	0.95	7.83x10 ⁻¹	0.29	-4.62	0.09	mmu-miR-423-5p
10787	0.95	7.84x10 ⁻¹	0.29	-4.62	0.22	
1263	0.95	7.84x10 ⁻¹	0.29	-4.62	0.08	mmu-miR-322
1457	0.95	7.84x10 ⁻¹	0.29	-4.62	0.35	mmu-miR-466a-5p
12607	0.95	7.85x10 ⁻¹	-0.29	-4.62	-0.09	mmu-miR-17*
300	0.95	7.86x10 ⁻¹	0.28	-4.62	0.06	mmu-miR-107
13293	0.95	7.87x10 ⁻¹	0.28	-4.62	0.09	mmu-let-7d
6238	0.95	7.87x10 ⁻¹	0.28	-4.62	0.40	mmu-miR-1892
11097	0.95	7.87x10 ⁻¹	0.28	-4.62	0.08	mmu-miR-140
13082	0.95	7.88x10 ⁻¹	0.28	-4.62	0.08	mmu-miR-107
3333	0.95	7.88x10 ⁻¹	-0.28	-4.62	-0.33	mmu-miR-697
2057	0.95	7.88x10 ⁻¹	-0.28	-4.62	-0.10	mmu-miR-130a
10632	0.95	7.88x10 ⁻¹	-0.28	-4.62	-0.26	mmu-miR-129-3p
12754	0.95	7.89x10 ⁻¹	0.28	-4.62	0.07	mmu-miR-10a
9087	0.95	7.89x10 ⁻¹	-0.28	-4.62	-0.08	mmu-let-7f*
674	0.95	7.89x10 ⁻¹	0.28	-4.62	0.07	mmu-miR-322
12134	0.95	7.89x10 ⁻¹	-0.28	-4.62	-0.42	mmu-miR-484
9296	0.95	7.89x10 ⁻¹	0.28	-4.62	0.12	mmu-miR-291b-5p
3415	0.95	7.89x10 ⁻¹	-0.28	-4.62	-0.07	mmu-miR-96
2975	0.95	7.90x10 ⁻¹	0.28	-4.62	0.08	mmu-miR-423-5p
1062	0.95	7.91x10 ⁻¹	-0.28	-4.62	-0.15	mmu-miR-542-5p
2618	0.95	7.91x10 ⁻¹	-0.28	-4.62	-0.18	mmu-miR-720
12655	0.95	7.91x10 ⁻¹	-0.28	-4.62	-0.09	mmu-miR-31*
10931	0.95	7.91x10 ⁻¹	0.28	-4.62	0.35	mmu-miR-202-3p
5675	0.95	7.93x10 ⁻¹	-0.28	-4.62	-0.11	mmu-miR-98

11224	0.95	7.93×10^{-1}	0.28	-4.62	0.08	mmu-miR-196a
10290	0.95	7.93×10^{-1}	-0.27	-4.62	-0.17	mmu-miR-720
4293	0.95	7.94×10^{-1}	0.27	-4.62	0.37	mmu-miR-30c-1*
14826	0.95	7.95×10^{-1}	0.27	-4.62	0.21	
3752	0.95	7.95×10^{-1}	0.27	-4.62	0.22	mmu-miR-135a
11691	0.95	7.95×10^{-1}	-0.27	-4.62	-0.62	mmu-miR-29b*
8683	0.95	7.95×10^{-1}	0.27	-4.62	0.09	mmu-miR-130b
4067	0.95	7.96×10^{-1}	-0.27	-4.62	-0.18	mmu-miR-503
8367	0.95	7.96×10^{-1}	0.27	-4.62	0.31	
13159	0.95	7.97×10^{-1}	-0.27	-4.62	-0.06	mmu-miR-15a
10574	0.95	7.97×10^{-1}	0.27	-4.62	0.12	mmu-miR-103
12402	0.95	7.97×10^{-1}	-0.27	-4.62	-0.18	mmu-miR-720
10725	0.95	7.97×10^{-1}	0.27	-4.62	0.14	mmu-miR-449a
4327	0.95	7.97×10^{-1}	0.27	-4.62	0.29	mmu-miR-1904
5303	0.95	7.98×10^{-1}	0.27	-4.62	0.07	mmu-miR-24
11051	0.95	7.98×10^{-1}	-0.27	-4.62	-0.21	mmu-miR-195
10545	0.95	7.99×10^{-1}	-0.27	-4.62	-0.23	mmu-miR-191*
12116	0.95	7.99×10^{-1}	-0.27	-4.62	-0.08	mmu-miR-23b
12969	0.95	8.00×10^{-1}	-0.27	-4.62	-0.10	mmu-miR-30e
14571	0.95	8.00×10^{-1}	-0.27	-4.62	-0.07	mmu-miR-26a
4741	0.95	8.00×10^{-1}	-0.27	-4.62	-0.17	mmu-miR-720
6050	0.95	8.00×10^{-1}	0.26	-4.62	0.11	
12099	0.95	8.02×10^{-1}	-0.26	-4.62	-0.10	mmu-miR-425
3530	0.95	8.03×10^{-1}	-0.26	-4.62	-0.16	mmu-miR-342-3p
11357	0.95	8.03×10^{-1}	-0.26	-4.62	-0.35	mmu-miR-483*
1585	0.95	8.03×10^{-1}	0.26	-4.62	0.20	mmu-miR-296-5p
2068	0.95	8.04×10^{-1}	0.26	-4.62	0.14	mg hv-miR-M1-2
4723	0.95	8.06×10^{-1}	0.26	-4.62	0.13	mmu-let-7f*
4391	0.95	8.06×10^{-1}	-0.26	-4.63	-0.19	mmu-miR-340-3p
10728	0.95	8.06×10^{-1}	-0.26	-4.63	-0.06	mmu-let-7g
1505	0.95	8.07×10^{-1}	0.26	-4.63	0.07	mmu-miR-196b
4928	0.95	8.07×10^{-1}	0.26	-4.63	0.31	
5307	0.95	8.07×10^{-1}	0.26	-4.63	0.07	mmu-miR-103
2444	0.95	8.08×10^{-1}	0.25	-4.63	0.13	mmu-miR-702
3312	0.95	8.09×10^{-1}	0.25	-4.63	0.10	
10862	0.95	8.09×10^{-1}	0.25	-4.63	0.06	mmu-miR-26a
10621	0.95	8.09×10^{-1}	-0.25	-4.63	-0.34	mg hv-miR-M1-7-3p
12503	0.95	8.10×10^{-1}	-0.25	-4.63	-0.34	mmu-miR-468
14721	0.95	8.10×10^{-1}	0.25	-4.63	0.29	mmu-miR-1904
1502	0.95	8.10×10^{-1}	-0.25	-4.63	-0.18	mmu-miR-495
3405	0.95	8.10×10^{-1}	0.25	-4.63	0.29	mmu-miR-1904
8268	0.95	8.10×10^{-1}	0.25	-4.63	0.14	mmu-miR-125a-3p
10791	0.95	8.11×10^{-1}	-0.25	-4.63	-0.07	
4921	0.95	8.11×10^{-1}	0.25	-4.63	0.27	mmu-miR-1904
1204	0.95	8.12×10^{-1}	0.25	-4.63	0.13	mmu-let-7f*
4597	0.95	8.12×10^{-1}	0.25	-4.63	0.18	mmu-miR-872

8979	0.95	8.12×10^{-1}	-0.25	-4.63	-0.08	mmu-miR-10a
1989	0.95	8.12×10^{-1}	0.25	-4.63	0.06	mmu-miR-342-3p
9027	0.95	8.13×10^{-1}	0.25	-4.63	0.11	
11822	0.96	8.14×10^{-1}	-0.25	-4.63	-0.06	mmu-miR-26b
2812	0.96	8.15×10^{-1}	0.25	-4.63	0.15	
2800	0.96	8.15×10^{-1}	-0.25	-4.63	-0.13	mmu-miR-27b
7699	0.96	8.17×10^{-1}	0.24	-4.63	0.15	mmu-miR-192
2160	0.96	8.17×10^{-1}	-0.24	-4.63	-0.16	mmu-miR-135b
10513	0.96	8.17×10^{-1}	0.24	-4.63	0.26	mmu-miR-30c
3930	0.96	8.18×10^{-1}	0.24	-4.63	0.28	mmu-miR-1904
3716	0.96	8.18×10^{-1}	-0.24	-4.63	-0.08	mmu-miR-500
14179	0.96	8.19×10^{-1}	-0.24	-4.63	-0.07	mmu-miR-497
10054	0.96	8.19×10^{-1}	-0.24	-4.63	-0.11	mmu-miR-193
894	0.96	8.19×10^{-1}	0.24	-4.63	0.07	mmu-miR-322
15250	0.96	8.20×10^{-1}	-0.24	-4.63	-0.09	mmu-miR-674*
2111	0.96	8.21×10^{-1}	0.24	-4.63	0.13	mmu-miR-23b
3109	0.96	8.21×10^{-1}	0.24	-4.63	0.31	mmu-miR-542-5p
8427	0.96	8.21×10^{-1}	0.24	-4.63	0.07	mmu-miR-10a
3316	0.96	8.22×10^{-1}	-0.23	-4.63	-0.44	mmu-miR-135a
1771	0.96	8.23×10^{-1}	0.23	-4.63	0.20	mmu-miR-193b
8369	0.96	8.24×10^{-1}	0.23	-4.63	0.06	mmu-miR-107
173	0.96	8.25×10^{-1}	0.23	-4.63	0.28	mmu-miR-1904
2906	0.96	8.25×10^{-1}	0.23	-4.63	0.35	mmu-miR-700
9625	0.96	8.26×10^{-1}	0.23	-4.63	0.06	mmu-miR-107
15657	0.96	8.26×10^{-1}	0.23	-4.63	0.27	mmu-miR-139-3p
13316	0.96	8.26×10^{-1}	0.23	-4.63	0.25	mmu-miR-140
15639	0.96	8.26×10^{-1}	-0.23	-4.63	-0.05	mmu-miR-27a
10668	0.96	8.27×10^{-1}	-0.23	-4.63	-0.26	mmu-miR-223
2187	0.96	8.27×10^{-1}	-0.23	-4.63	-0.07	mmu-miR-10a
15687	0.96	8.28×10^{-1}	-0.23	-4.63	-0.06	mmu-miR-322
4565	0.96	8.28×10^{-1}	-0.23	-4.63	-0.07	mmu-miR-23b
10392	0.96	8.28×10^{-1}	0.23	-4.63	0.15	mmu-miR-7b
2401	0.96	8.30×10^{-1}	0.22	-4.63	0.07	mmu-miR-96
13360	0.96	8.30×10^{-1}	0.22	-4.63	0.29	mcmv-miR-M23-1-5p
10833	0.96	8.30×10^{-1}	0.22	-4.63	0.25	
2405	0.96	8.31×10^{-1}	0.22	-4.63	0.50	mmu-miR-139-3p
13428	0.96	8.31×10^{-1}	0.22	-4.63	0.06	mmu-miR-26a
1071	0.96	8.31×10^{-1}	0.22	-4.63	0.45	mmu-miR-139-3p
11091	0.96	8.31×10^{-1}	-0.22	-4.63	-0.06	mmu-miR-23b
12084	0.96	8.32×10^{-1}	-0.22	-4.63	-0.25	mmu-miR-721
4225	0.96	8.35×10^{-1}	0.22	-4.63	0.10	mmu-miR-26a
378	0.96	8.35×10^{-1}	0.22	-4.63	0.09	mghv-miR-M1-2
6650	0.96	8.35×10^{-1}	0.22	-4.63	0.13	
5730	0.96	8.36×10^{-1}	-0.22	-4.63	-0.13	mmu-miR-149
7998	0.96	8.36×10^{-1}	0.22	-4.63	0.15	
9179	0.96	8.36×10^{-1}	0.22	-4.63	0.05	mmu-miR-196b

8998	0.96	8.36×10^{-1}	-0.22	-4.63	-0.13	mmu-miR-301a
4507	0.96	8.36×10^{-1}	-0.22	-4.63	-0.11	mmu-miR-298
10953	0.96	8.37×10^{-1}	-0.22	-4.63	-0.19	mmu-miR-291b-3p
6957	0.96	8.38×10^{-1}	0.21	-4.63	0.26	mmu-miR-92b
6774	0.96	8.38×10^{-1}	0.21	-4.63	0.05	mmu-miR-130b
917	0.96	8.38×10^{-1}	0.21	-4.63	0.11	mmu-miR-465a-3p
9937	0.97	8.39×10^{-1}	-0.21	-4.63	-0.07	mmu-miR-342-3p
11886	0.97	8.39×10^{-1}	0.21	-4.63	0.36	mmu-miR-186*
199	0.97	8.40×10^{-1}	-0.21	-4.63	-0.05	mmu-miR-96
13079	0.97	8.40×10^{-1}	0.21	-4.63	0.06	mmu-miR-96
10385	0.97	8.40×10^{-1}	-0.21	-4.63	-0.05	mmu-miR-425
2084	0.97	8.40×10^{-1}	-0.21	-4.63	-0.07	mmu-let-7g
9384	0.97	8.42×10^{-1}	-0.21	-4.63	-0.22	mmu-miR-148a
14876	0.97	8.43×10^{-1}	0.21	-4.63	0.07	mmu-miR-26a
8315	0.97	8.43×10^{-1}	0.21	-4.63	0.06	mmu-miR-674*
3425	0.97	8.43×10^{-1}	-0.21	-4.63	-0.24	mmu-miR-362-3p
10530	0.97	8.44×10^{-1}	-0.21	-4.63	-0.08	mmu-miR-98
4163	0.97	8.44×10^{-1}	-0.21	-4.63	-0.05	
71	0.97	8.44×10^{-1}	0.21	-4.63	0.13	mmu-miR-425
1050	0.97	8.45×10^{-1}	0.20	-4.63	0.06	
12389	0.97	8.45×10^{-1}	0.20	-4.63	0.08	mmu-miR-185
9655	0.97	8.46×10^{-1}	-0.20	-4.63	-0.07	mmu-miR-196b
14829	0.97	8.46×10^{-1}	-0.20	-4.63	-0.05	mmu-miR-15a
3311	0.97	8.46×10^{-1}	0.20	-4.63	0.06	mmu-miR-423-5p
9688	0.97	8.46×10^{-1}	-0.20	-4.63	-0.12	mmu-miR-96
15319	0.97	8.46×10^{-1}	-0.20	-4.63	-0.09	mmu-miR-193b
6130	0.97	8.47×10^{-1}	-0.20	-4.63	-0.25	mmu-miR-186*
5247	0.97	8.47×10^{-1}	0.20	-4.63	0.08	mmu-miR-183
9534	0.97	8.48×10^{-1}	-0.20	-4.63	-0.11	mmu-let-7f*
7462	0.97	8.48×10^{-1}	0.20	-4.63	0.18	mmu-miR-19a
12669	0.97	8.48×10^{-1}	-0.20	-4.63	-0.06	mmu-let-7d
14078	0.97	8.48×10^{-1}	-0.20	-4.63	-0.12	mmu-miR-31*
11786	0.97	8.48×10^{-1}	0.20	-4.63	0.05	mmu-miR-342-3p
15237	0.97	8.49×10^{-1}	-0.20	-4.63	-0.07	mmu-let-7f
5100	0.97	8.49×10^{-1}	0.20	-4.63	0.07	mmu-miR-26b
3984	0.97	8.49×10^{-1}	0.20	-4.63	0.07	
1743	0.97	8.49×10^{-1}	0.20	-4.63	0.06	mmu-miR-140
892	0.97	8.49×10^{-1}	0.20	-4.63	0.05	mmu-miR-130b
1608	0.97	8.50×10^{-1}	-0.20	-4.63	-0.05	mmu-let-7g
15470	0.97	8.50×10^{-1}	0.20	-4.63	0.09	mmu-miR-486
3000	0.97	8.51×10^{-1}	0.20	-4.63	0.12	mmu-miR-126-3p
12649	0.97	8.51×10^{-1}	-0.20	-4.63	-0.16	mmu-miR-668
338	0.97	8.51×10^{-1}	-0.20	-4.63	-0.21	mmu-miR-202-3p
2480	0.97	8.52×10^{-1}	0.19	-4.63	0.21	mmu-miR-324-5p
10310	0.97	8.53×10^{-1}	0.19	-4.63	0.19	mmu-miR-30a
10242	0.97	8.53×10^{-1}	0.19	-4.63	0.04	

1660	0.97	8.55x10 ⁻¹	-0.19	-4.63	-0.16	mmu-miR-467e
11726	0.97	8.55x10 ⁻¹	0.19	-4.63	0.23	mmu-miR-1187
911	0.97	8.55x10 ⁻¹	-0.19	-4.63	-0.08	mmu-miR-290-3p
13071	0.97	8.56x10 ⁻¹	0.19	-4.63	0.06	mmu-miR-130b
9148	0.97	8.56x10 ⁻¹	-0.19	-4.63	-0.17	mmu-miR-697
7740	0.97	8.57x10 ⁻¹	-0.19	-4.63	-0.06	mmu-miR-130a
11123	0.97	8.58x10 ⁻¹	-0.19	-4.63	-0.22	mmu-miR-450a-5p
3994	0.97	8.58x10 ⁻¹	0.19	-4.63	0.06	mmu-miR-103
8502	0.97	8.59x10 ⁻¹	0.19	-4.63	0.11	mmu-miR-196b
5079	0.97	8.59x10 ⁻¹	-0.19	-4.63	-0.07	mmu-miR-223
11036	0.97	8.60x10 ⁻¹	0.18	-4.63	0.06	
14271	0.97	8.60x10 ⁻¹	0.18	-4.63	0.06	mmu-let-7f
12536	0.97	8.61x10 ⁻¹	-0.18	-4.63	-0.11	mmu-miR-720
5461	0.97	8.61x10 ⁻¹	0.18	-4.63	0.05	mmu-miR-26b
9550	0.97	8.61x10 ⁻¹	-0.18	-4.63	-0.05	mmu-let-7g
5337	0.97	8.62x10 ⁻¹	0.18	-4.63	0.06	mmu-miR-15a
8296	0.97	8.62x10 ⁻¹	-0.18	-4.63	-0.21	mmu-miR-202-3p
5964	0.97	8.63x10 ⁻¹	0.18	-4.63	0.23	mmu-miR-378
8095	0.97	8.63x10 ⁻¹	-0.18	-4.63	-0.12	mmu-miR-720
10887	0.97	8.63x10 ⁻¹	0.18	-4.63	0.05	mmu-let-7i
2083	0.97	8.65x10 ⁻¹	-0.18	-4.63	-0.14	mmu-miR-155
1136	0.97	8.65x10 ⁻¹	-0.18	-4.63	-0.04	mmu-miR-130a
9354	0.97	8.66x10 ⁻¹	-0.18	-4.63	-0.21	mmu-miR-202-3p
276	0.97	8.67x10 ⁻¹	-0.18	-4.63	-0.17	mmu-miR-697
465	0.97	8.67x10 ⁻¹	0.17	-4.63	0.13	mmu-miR-99b
7074	0.97	8.67x10 ⁻¹	0.17	-4.63	0.04	mmu-let-7g
5986	0.97	8.67x10 ⁻¹	0.17	-4.63	0.06	mmu-let-7f
15118	0.97	8.67x10 ⁻¹	-0.17	-4.63	-0.14	mmu-miR-197
11963	0.97	8.68x10 ⁻¹	0.17	-4.63	0.23	mmu-miR-449b
14505	0.97	8.69x10 ⁻¹	-0.17	-4.63	-0.04	mmu-miR-30a*
5396	0.97	8.69x10 ⁻¹	0.17	-4.63	0.12	mmu-miR-324-5p
9963	0.97	8.69x10 ⁻¹	0.17	-4.63	0.05	mmu-miR-342-3p
1503	0.97	8.70x10 ⁻¹	-0.17	-4.63	-0.12	mmu-miR-223
9904	0.97	8.70x10 ⁻¹	0.17	-4.63	0.35	mmu-miR-697
11616	0.97	8.70x10 ⁻¹	-0.17	-4.63	-0.05	mmu-miR-10a
11104	0.97	8.71x10 ⁻¹	0.17	-4.63	0.04	
9746	0.97	8.71x10 ⁻¹	0.17	-4.63	0.22	mmu-miR-670
2089	0.97	8.71x10 ⁻¹	-0.17	-4.63	-0.05	mmu-let-7f
12887	0.97	8.72x10 ⁻¹	0.17	-4.63	0.04	
6208	0.97	8.72x10 ⁻¹	-0.17	-4.63	-0.39	mmu-miR-380-3p
3495	0.97	8.72x10 ⁻¹	-0.17	-4.63	-0.11	mmu-miR-720
901	0.97	8.73x10 ⁻¹	-0.17	-4.63	-0.06	mmu-miR-185
8955	0.97	8.73x10 ⁻¹	0.17	-4.63	0.04	
14909	0.97	8.73x10 ⁻¹	-0.17	-4.63	-0.14	mmu-miR-582-3p
9499	0.97	8.74x10 ⁻¹	-0.17	-4.63	-0.06	mmu-miR-296-5p
8370	0.97	8.75x10 ⁻¹	0.16	-4.63	0.17	mmu-miR-190b

8010	0.97	8.76×10^{-1}	-0.16	-4.63	-0.04	mmu-miR-103
7286	0.97	8.77×10^{-1}	-0.16	-4.63	-0.12	mmu-miR-542-3p
736	0.98	8.77×10^{-1}	-0.16	-4.63	-0.16	mmu-miR-324-3p
5183	0.98	8.78×10^{-1}	0.16	-4.63	0.04	
3261	0.98	8.79×10^{-1}	-0.16	-4.63	-0.04	mmu-miR-342-3p
13504	0.98	8.80×10^{-1}	0.16	-4.63	0.04	mmu-let-7g
6733	0.98	8.80×10^{-1}	-0.16	-4.63	-0.09	mmu-miR-30a*
6804	0.98	8.80×10^{-1}	0.16	-4.63	0.04	mmu-miR-107
13947	0.98	8.81×10^{-1}	0.16	-4.63	0.19	mmu-miR-1904
5928	0.98	8.82×10^{-1}	0.16	-4.63	0.05	mmu-miR-342-3p
6936	0.98	8.82×10^{-1}	-0.15	-4.63	-0.04	mmu-miR-652
4328	0.98	8.83×10^{-1}	-0.15	-4.63	-0.14	mmu-miR-1
149	0.98	8.83×10^{-1}	-0.15	-4.63	-0.12	mmu-let-7f*
9057	0.98	8.84×10^{-1}	0.15	-4.63	0.08	mmu-miR-423-5p
8666	0.98	8.84×10^{-1}	-0.15	-4.63	-0.12	mmu-miR-677
2934	0.98	8.84×10^{-1}	0.15	-4.63	0.04	mmu-miR-322
12454	0.98	8.85×10^{-1}	-0.15	-4.63	-0.09	mmu-miR-720
15727	0.98	8.85×10^{-1}	-0.15	-4.63	-0.04	mmu-miR-27a
3591	0.98	8.85×10^{-1}	0.15	-4.63	0.04	mmu-let-7i
2766	0.98	8.85×10^{-1}	-0.15	-4.63	-0.14	mmu-miR-425*
8077	0.98	8.85×10^{-1}	-0.15	-4.63	-0.04	mmu-miR-130b
8152	0.98	8.86×10^{-1}	-0.15	-4.63	-0.15	mmu-miR-202-3p
5971	0.98	8.86×10^{-1}	0.15	-4.63	0.04	mmu-miR-24
14449	0.98	8.86×10^{-1}	0.15	-4.63	0.09	mmu-miR-30a*
1715	0.98	8.87×10^{-1}	-0.15	-4.63	-0.04	mmu-miR-30a*
690	0.98	8.88×10^{-1}	0.15	-4.63	0.04	mmu-miR-425
1150	0.98	8.88×10^{-1}	0.15	-4.63	0.14	
2412	0.98	8.88×10^{-1}	-0.15	-4.63	-0.06	mmu-miR-669g
4041	0.98	8.88×10^{-1}	-0.15	-4.63	-0.37	mmu-miR-193b
4574	0.98	8.89×10^{-1}	-0.15	-4.63	-0.13	mmu-miR-19a
9509	0.98	8.89×10^{-1}	-0.15	-4.63	-0.04	mmu-miR-96
8597	0.98	8.91×10^{-1}	0.14	-4.63	0.15	mmu-miR-340-3p
15730	0.98	8.91×10^{-1}	-0.14	-4.63	-0.05	mmu-miR-29c
15704	0.98	8.91×10^{-1}	0.14	-4.63	0.13	mmu-miR-202-3p
12439	0.98	8.91×10^{-1}	0.14	-4.63	0.07	mmu-miR-196a
13285	0.98	8.91×10^{-1}	0.14	-4.63	0.20	mmu-miR-674*
1728	0.98	8.91×10^{-1}	-0.14	-4.63	-0.05	mmu-miR-130a
4949	0.98	8.91×10^{-1}	-0.14	-4.63	-0.06	mmu-miR-290-3p
4808	0.98	8.92×10^{-1}	0.14	-4.63	0.07	mmu-miR-33
5942	0.98	8.95×10^{-1}	0.14	-4.63	0.04	mmu-miR-130a
594	0.98	8.96×10^{-1}	-0.14	-4.63	-0.10	mmu-miR-126-5p
15134	0.98	8.96×10^{-1}	0.14	-4.63	0.10	mmu-miR-183*
7095	0.98	8.96×10^{-1}	-0.14	-4.63	-0.09	mmu-miR-720
2663	0.98	8.96×10^{-1}	-0.14	-4.63	-0.09	mmu-miR-720
15465	0.98	8.96×10^{-1}	-0.14	-4.63	-0.04	mmu-miR-322
15648	0.98	8.97×10^{-1}	0.14	-4.63	0.03	mmu-miR-23a

9725	0.98	8.97×10^{-1}	0.13	-4.63	0.04	mmu-miR-10a
15716	0.98	9.00×10^{-1}	-0.13	-4.63	-0.19	mmu-miR-873
5614	0.98	9.00×10^{-1}	0.13	-4.63	0.15	mmu-miR-1904
495	0.98	9.00×10^{-1}	0.13	-4.63	0.04	mmu-miR-98
2543	0.98	9.01×10^{-1}	0.13	-4.63	0.10	mmu-miR-191*
6444	0.98	9.01×10^{-1}	-0.13	-4.63	-0.03	mmu-miR-652
5478	0.98	9.01×10^{-1}	0.13	-4.63	0.06	mmu-miR-195
310	0.98	9.02×10^{-1}	0.13	-4.63	0.18	mmu-miR-202-3p
9375	0.98	9.02×10^{-1}	0.13	-4.63	0.15	mmu-miR-181d
10618	0.98	9.02×10^{-1}	0.13	-4.63	0.14	mmu-miR-136
1043	0.98	9.02×10^{-1}	0.13	-4.63	0.14	mmu-miR-300*
9531	0.98	9.02×10^{-1}	0.13	-4.63	0.10	mmu-miR-291a-3p
730	0.98	9.03×10^{-1}	-0.13	-4.63	-0.05	mmu-miR-30d
11845	0.98	9.03×10^{-1}	0.13	-4.63	0.10	mmu-miR-30b
2947	0.98	9.03×10^{-1}	0.13	-4.63	0.06	mmu-miR-15b*
13018	0.98	9.04×10^{-1}	-0.13	-4.63	-0.04	mmu-miR-107
6035	0.98	9.05×10^{-1}	0.13	-4.63	0.03	
10126	0.98	9.06×10^{-1}	-0.12	-4.63	-0.06	mmu-miR-96
2563	0.98	9.06×10^{-1}	-0.12	-4.63	-0.04	mmu-miR-503
9079	0.98	9.06×10^{-1}	-0.12	-4.63	-0.03	mmu-miR-15a
677	0.98	9.06×10^{-1}	0.12	-4.63	0.17	mmu-miR-202-3p
3821	0.98	9.06×10^{-1}	0.12	-4.63	0.05	mmu-miR-324-5p
2457	0.98	9.07×10^{-1}	0.12	-4.63	0.03	mmu-miR-107
12075	0.98	9.08×10^{-1}	-0.12	-4.63	-0.03	mmu-miR-342-3p
3357	0.98	9.08×10^{-1}	0.12	-4.63	0.03	mmu-miR-30d
125	0.98	9.08×10^{-1}	-0.12	-4.63	-0.10	mmu-miR-294
10252	0.98	9.09×10^{-1}	0.12	-4.63	0.08	mmu-miR-324-5p
6263	0.98	9.09×10^{-1}	-0.12	-4.63	-0.13	mmu-miR-697
3351	0.98	9.09×10^{-1}	0.12	-4.63	0.03	mmu-miR-221
1900	0.98	9.10×10^{-1}	-0.12	-4.63	-0.13	mmu-miR-202-3p
3511	0.98	9.10×10^{-1}	0.12	-4.63	0.07	mmu-miR-30a
11502	0.98	9.10×10^{-1}	-0.12	-4.63	-0.03	mmu-miR-15a
14138	0.98	9.11×10^{-1}	0.12	-4.63	0.09	mmu-let-7f*
4401	0.98	9.11×10^{-1}	-0.12	-4.63	-0.03	
3810	0.98	9.11×10^{-1}	0.12	-4.63	0.25	mmu-miR-200b
4439	0.98	9.12×10^{-1}	-0.12	-4.63	-0.12	mmu-miR-741
5320	0.98	9.12×10^{-1}	0.12	-4.63	0.14	mmu-miR-539
1959	0.98	9.13×10^{-1}	-0.11	-4.63	-0.04	mmu-miR-98
8569	0.98	9.13×10^{-1}	-0.11	-4.63	-0.04	mmu-let-7f
13502	0.98	9.14×10^{-1}	0.11	-4.63	0.02	
706	0.98	9.14×10^{-1}	0.11	-4.63	0.03	mmu-miR-15b
15703	0.98	9.14×10^{-1}	0.11	-4.63	0.04	mmu-miR-10b
4734	0.98	9.14×10^{-1}	0.11	-4.63	0.07	
14805	0.98	9.15×10^{-1}	0.11	-4.63	0.12	mmu-miR-92b
7888	0.98	9.16×10^{-1}	0.11	-4.63	0.08	mmu-miR-30a*
11096	0.98	9.16×10^{-1}	0.11	-4.63	0.06	mmu-miR-30c

10928	0.98	9.16x10 ⁻¹	-0.11	-4.63	-0.05	mmu-let-7f*
8000	0.98	9.16x10 ⁻¹	0.11	-4.63	0.03	mmu-miR-140*
4902	0.98	9.16x10 ⁻¹	0.11	-4.63	0.10	mmu-miR-125b-5p
11520	0.98	9.16x10 ⁻¹	-0.11	-4.63	-0.05	mmu-miR-192
6478	0.98	9.16x10 ⁻¹	-0.11	-4.63	-0.02	mmu-miR-15a
13190	0.98	9.17x10 ⁻¹	0.11	-4.63	0.04	mmu-miR-29b*
1644	0.98	9.17x10 ⁻¹	0.11	-4.63	0.05	mmu-miR-26b
6967	0.98	9.17x10 ⁻¹	-0.11	-4.63	-0.09	mmu-miR-345-5p
12239	0.98	9.17x10 ⁻¹	-0.11	-4.63	-0.07	mmu-miR-720
12339	0.98	9.18x10 ⁻¹	-0.11	-4.63	-0.03	mmu-miR-96
2470	0.98	9.18x10 ⁻¹	-0.11	-4.63	-0.05	mmu-miR-30e
5052	0.98	9.18x10 ⁻¹	-0.11	-4.63	-0.06	mmu-miR-129-3p
15663	0.98	9.18x10 ⁻¹	0.11	-4.63	0.03	
6395	0.98	9.19x10 ⁻¹	-0.11	-4.63	-0.04	mmu-let-7f
13919	0.98	9.20x10 ⁻¹	-0.11	-4.63	-0.04	mmu-miR-10b
12581	0.98	9.20x10 ⁻¹	-0.10	-4.63	-0.03	mmu-let-7g
11617	0.98	9.21x10 ⁻¹	0.10	-4.63	0.03	mmu-miR-15b
6653	0.98	9.21x10 ⁻¹	-0.10	-4.63	-0.03	mmu-let-7g
5442	0.98	9.21x10 ⁻¹	-0.10	-4.63	-0.06	mmu-miR-720
5159	0.98	9.21x10 ⁻¹	-0.10	-4.63	-0.05	mmu-miR-196b
9454	0.98	9.21x10 ⁻¹	-0.10	-4.63	-0.08	mmu-miR-10b
4984	0.98	9.22x10 ⁻¹	-0.10	-4.63	-0.03	mmu-miR-322
9060	0.98	9.22x10 ⁻¹	0.10	-4.63	0.16	mmu-miR-202-3p
15171	0.98	9.23x10 ⁻¹	-0.10	-4.63	-0.06	mmu-miR-720
9944	0.98	9.23x10 ⁻¹	0.10	-4.63	0.09	mmu-miR-668
7132	0.98	9.24x10 ⁻¹	-0.10	-4.63	-0.05	mmu-miR-294
14053	0.98	9.24x10 ⁻¹	-0.10	-4.63	-0.05	mmu-let-7b*
6873	0.98	9.25x10 ⁻¹	-0.10	-4.63	-0.07	mmu-miR-30b
9722	0.98	9.25x10 ⁻¹	0.10	-4.63	0.12	mmu-miR-697
1382	0.98	9.25x10 ⁻¹	-0.10	-4.63	-0.03	mmu-miR-423-5p
7197	0.98	9.25x10 ⁻¹	0.10	-4.63	0.06	mmu-miR-26b
2742	0.98	9.25x10 ⁻¹	-0.10	-4.63	-0.07	mmu-miR-29b
12850	0.98	9.27x10 ⁻¹	-0.10	-4.63	-0.03	mmu-miR-96
7387	0.98	9.27x10 ⁻¹	0.10	-4.63	0.10	
11019	0.98	9.28x10 ⁻¹	0.09	-4.63	0.07	mmu-miR-365
8192	0.98	9.28x10 ⁻¹	-0.09	-4.63	-0.04	mmu-miR-125a-3p
7979	0.98	9.28x10 ⁻¹	0.09	-4.63	0.04	mmu-miR-221
11031	0.98	9.29x10 ⁻¹	-0.09	-4.63	-0.03	mmu-let-7f
14873	0.98	9.30x10 ⁻¹	0.09	-4.63	0.10	mmu-miR-30a*
7616	0.98	9.30x10 ⁻¹	-0.09	-4.63	-0.02	mmu-miR-96
1571	0.98	9.30x10 ⁻¹	-0.09	-4.63	-0.03	mmu-let-7f
2513	0.98	9.31x10 ⁻¹	-0.09	-4.63	-0.02	mmu-miR-24
14409	0.99	9.33x10 ⁻¹	-0.09	-4.63	-0.06	mmu-miR-720
4256	0.99	9.33x10 ⁻¹	0.09	-4.63	0.03	mmu-miR-29b
13123	0.99	9.34x10 ⁻¹	0.09	-4.63	0.02	mmu-miR-23b
8514	0.99	9.34x10 ⁻¹	0.09	-4.63	0.08	

3932	0.99	9.35×10^{-1}	-0.09	-4.63	-0.05	
635	0.99	9.35×10^{-1}	-0.09	-4.63	-0.03	mmu-let-7d
8836	0.99	9.35×10^{-1}	0.08	-4.63	0.03	mmu-miR-29c
8565	0.99	9.35×10^{-1}	-0.08	-4.63	-0.05	mmu-miR-876-5p
9959	0.99	9.36×10^{-1}	-0.08	-4.63	-0.07	mmu-miR-191*
1184	0.99	9.36×10^{-1}	-0.08	-4.63	-0.06	mmu-miR-702
12265	0.99	9.37×10^{-1}	-0.08	-4.63	-0.02	mmu-miR-423-5p
15405	0.99	9.39×10^{-1}	-0.08	-4.63	-0.04	mmu-miR-29a*
11112	0.99	9.39×10^{-1}	-0.08	-4.63	-0.05	mmu-miR-881
5736	0.99	9.40×10^{-1}	0.08	-4.63	0.02	mmu-let-7f
11332	0.99	9.40×10^{-1}	-0.08	-4.63	-0.05	mmu-miR-96
1785	0.99	9.40×10^{-1}	0.08	-4.63	0.02	mmu-miR-130a
14011	0.99	9.40×10^{-1}	0.08	-4.63	0.03	mmu-miR-301a
11256	0.99	9.40×10^{-1}	0.08	-4.63	0.02	mmu-miR-10a
8801	0.99	9.42×10^{-1}	0.08	-4.63	0.04	mmu-miR-500
15600	0.99	9.42×10^{-1}	0.08	-4.63	0.04	mmu-miR-26a
7631	0.99	9.43×10^{-1}	0.08	-4.63	0.03	mmu-miR-31*
12161	0.99	9.43×10^{-1}	-0.07	-4.63	-0.02	mmu-miR-652
12174	0.99	9.43×10^{-1}	0.07	-4.63	0.02	mmu-miR-652
4527	0.99	9.43×10^{-1}	0.07	-4.63	0.04	mmu-miR-30a
2967	0.99	9.44×10^{-1}	-0.07	-4.63	-0.02	mmu-miR-10a
12169	0.99	9.44×10^{-1}	-0.07	-4.63	-0.02	mmu-miR-342-3p
2981	0.99	9.44×10^{-1}	0.07	-4.63	0.04	mmu-miR-7a
7033	0.99	9.45×10^{-1}	-0.07	-4.63	-0.02	mmu-miR-350
10942	0.99	9.45×10^{-1}	0.07	-4.63	0.10	mmu-miR-702
7306	0.99	9.45×10^{-1}	0.07	-4.63	0.13	mmu-miR-202-3p
2486	0.99	9.45×10^{-1}	-0.07	-4.63	-0.04	mmu-miR-30e*
5718	0.99	9.45×10^{-1}	-0.07	-4.63	-0.02	mmu-miR-125a-5p
11355	0.99	9.45×10^{-1}	-0.07	-4.63	-0.02	mmu-miR-10a
4878	0.99	9.45×10^{-1}	0.07	-4.63	0.02	mmu-miR-15a
10483	0.99	9.46×10^{-1}	0.07	-4.63	0.02	mmu-miR-15b
559	0.99	9.47×10^{-1}	0.07	-4.63	0.05	mmu-miR-30a
15493	0.99	9.47×10^{-1}	0.07	-4.63	0.04	mmu-miR-425*
15279	0.99	9.47×10^{-1}	0.07	-4.63	0.02	mmu-miR-15b
7715	0.99	9.47×10^{-1}	-0.07	-4.63	-0.03	
8637	0.99	9.48×10^{-1}	-0.07	-4.63	-0.04	mmu-miR-702
5164	0.99	9.48×10^{-1}	-0.07	-4.63	-0.09	mmu-miR-877*
6355	0.99	9.48×10^{-1}	0.07	-4.63	0.02	mmu-miR-107
4659	0.99	9.48×10^{-1}	0.07	-4.63	0.02	mmu-let-7a
4180	0.99	9.49×10^{-1}	-0.07	-4.63	-0.02	mmu-miR-140
12701	0.99	9.50×10^{-1}	-0.07	-4.63	-0.04	mmu-miR-668
1898	0.99	9.50×10^{-1}	0.07	-4.63	0.02	mmu-miR-130b
13350	0.99	9.50×10^{-1}	-0.07	-4.63	-0.08	mmu-miR-140*
5682	0.99	9.50×10^{-1}	-0.07	-4.63	-0.03	mmu-miR-96
9913	0.99	9.52×10^{-1}	0.06	-4.63	0.07	mmu-miR-345-5p
7670	0.99	9.53×10^{-1}	-0.06	-4.63	-0.11	mmu-miR-697

8373	0.99	9.53x10 ⁻¹	0.06	-4.63	0.02	mmu-miR-10a
12489	0.99	9.55x10 ⁻¹	-0.06	-4.63	-0.01	mmu-miR-15a
15556	0.99	9.55x10 ⁻¹	0.06	-4.63	0.02	mmu-miR-28
3294	0.99	9.55x10 ⁻¹	-0.06	-4.63	-0.06	mmu-miR-342-5p
10606	0.99	9.55x10 ⁻¹	0.06	-4.63	0.03	mmu-miR-31*
13568	0.99	9.55x10 ⁻¹	0.06	-4.63	0.02	mmu-miR-10a
4280	0.99	9.55x10 ⁻¹	-0.06	-4.63	-0.03	mmu-miR-149
4055	0.99	9.56x10 ⁻¹	0.06	-4.63	0.01	mmu-miR-107
386	0.99	9.56x10 ⁻¹	0.06	-4.63	0.02	mmu-miR-196b
14720	0.99	9.56x10 ⁻¹	-0.06	-4.63	-0.03	mmu-miR-720
10113	0.99	9.56x10 ⁻¹	-0.06	-4.63	-0.02	mmu-miR-221
6788	0.99	9.56x10 ⁻¹	0.06	-4.63	0.01	
13228	0.99	9.56x10 ⁻¹	-0.06	-4.63	-0.07	mmu-miR-100
51	0.99	9.57x10 ⁻¹	0.06	-4.63	0.03	mmu-miR-1906
9742	0.99	9.57x10 ⁻¹	0.06	-4.63	0.02	mmu-miR-103
645	0.99	9.57x10 ⁻¹	-0.06	-4.63	-0.02	mmu-let-7f
2523	0.99	9.57x10 ⁻¹	-0.06	-4.63	-0.05	
15652	0.99	9.57x10 ⁻¹	-0.06	-4.63	-0.11	mmu-miR-467e*
9958	0.99	9.58x10 ⁻¹	0.06	-4.63	0.07	mmu-miR-467e
6789	0.99	9.58x10 ⁻¹	-0.06	-4.63	-0.02	mmu-miR-365
9133	0.99	9.58x10 ⁻¹	0.06	-4.63	0.03	
12430	0.99	9.58x10 ⁻¹	-0.05	-4.63	-0.01	mmu-miR-15a
12950	0.99	9.58x10 ⁻¹	0.05	-4.63	0.01	mmu-miR-15b
11132	0.99	9.59x10 ⁻¹	0.05	-4.63	0.02	mmu-miR-301a
15660	0.99	9.60x10 ⁻¹	0.05	-4.63	0.03	mmu-miR-369-3p
13448	0.99	9.60x10 ⁻¹	-0.05	-4.63	-0.02	mmu-miR-96
14337	0.99	9.61x10 ⁻¹	0.05	-4.63	0.02	mmu-miR-92b
8966	0.99	9.61x10 ⁻¹	-0.05	-4.63	-0.01	mmu-miR-15a
1340	0.99	9.61x10 ⁻¹	-0.05	-4.63	-0.04	mmu-miR-149
1705	0.99	9.61x10 ⁻¹	-0.05	-4.63	-0.03	mmu-miR-720
14185	0.99	9.62x10 ⁻¹	0.05	-4.63	0.03	mghv-miR-M1-2
3869	0.99	9.62x10 ⁻¹	0.05	-4.63	0.04	mmu-let-7f*
6981	0.99	9.62x10 ⁻¹	-0.05	-4.63	-0.06	mmu-miR-697
15344	0.99	9.63x10 ⁻¹	0.05	-4.63	0.01	mmu-miR-107
7096	0.99	9.63x10 ⁻¹	0.05	-4.63	0.12	mmu-miR-340-3p
14850	0.99	9.64x10 ⁻¹	-0.05	-4.63	-0.06	mmu-miR-30e
2036	0.99	9.64x10 ⁻¹	-0.05	-4.63	-0.01	
11392	0.99	9.64x10 ⁻¹	-0.05	-4.63	-0.02	mmu-miR-361
14597	0.99	9.64x10 ⁻¹	-0.05	-4.63	-0.03	mmu-miR-720
15105	0.99	9.65x10 ⁻¹	0.05	-4.63	0.01	mghv-miR-M1-2
10021	0.99	9.68x10 ⁻¹	-0.04	-4.63	-0.01	mmu-miR-183
11156	0.99	9.68x10 ⁻¹	-0.04	-4.63	-0.02	mmu-miR-10b
8675	0.99	9.68x10 ⁻¹	0.04	-4.63	0.01	mmu-miR-10a
11412	0.99	9.69x10 ⁻¹	0.04	-4.63	0.01	mmu-miR-130b
5447	0.99	9.69x10 ⁻¹	-0.04	-4.63	-0.01	mmu-miR-881
7447	0.99	9.70x10 ⁻¹	0.04	-4.63	0.01	mmu-let-7a

3516	0.99	9.70x10 ⁻¹	-0.04	-4.63	-0.03	mmu-miR-720
9915	0.99	9.72x10 ⁻¹	-0.04	-4.63	-0.04	mmu-miR-369-3p
14070	0.99	9.73x10 ⁻¹	-0.04	-4.63	-0.02	mmu-miR-182
4038	0.99	9.73x10 ⁻¹	-0.04	-4.63	-0.05	mmu-miR-206
4576	0.99	9.75x10 ⁻¹	0.03	-4.63	0.01	mmu-miR-331-3p
2811	0.99	9.75x10 ⁻¹	0.03	-4.63	0.01	mmu-let-7g
159	0.99	9.75x10 ⁻¹	-0.03	-4.63	-0.03	mmu-miR-880
15618	0.99	9.75x10 ⁻¹	-0.03	-4.63	-0.01	mmu-miR-107
9024	0.99	9.75x10 ⁻¹	0.03	-4.63	0.01	mmu-miR-10a
14760	0.99	9.76x10 ⁻¹	0.03	-4.63	0.04	
5716	0.99	9.76x10 ⁻¹	-0.03	-4.63	-0.01	mmu-miR-342-3p
2192	0.99	9.77x10 ⁻¹	-0.03	-4.63	-0.01	mmu-miR-10a
9399	0.99	9.77x10 ⁻¹	0.03	-4.63	0.02	mmu-let-7b*
12191	0.99	9.77x10 ⁻¹	-0.03	-4.63	-0.01	mmu-miR-31*
982	0.99	9.78x10 ⁻¹	0.03	-4.63	0.02	mmu-miR-186
10474	0.99	9.79x10 ⁻¹	0.03	-4.63	0.02	mmu-miR-221
11324	1.00	9.82x10 ⁻¹	0.02	-4.63	0.01	mmu-miR-324-3p
3003	1.00	9.82x10 ⁻¹	-0.02	-4.63	-0.01	mmu-miR-15b
13999	1.00	9.82x10 ⁻¹	0.02	-4.63	0.01	mmu-miR-130a
5255	1.00	9.83x10 ⁻¹	-0.02	-4.63	-0.01	mmu-miR-107
15737	1.00	9.83x10 ⁻¹	-0.02	-4.63	-0.01	mmu-miR-16
5075	1.00	9.84x10 ⁻¹	0.02	-4.63	0.01	mmu-miR-26a
12832	1.00	9.84x10 ⁻¹	-0.02	-4.63	0.00	mmu-miR-98
223	1.00	9.84x10 ⁻¹	-0.02	-4.63	-0.04	mmu-miR-592
5110	1.00	9.85x10 ⁻¹	-0.02	-4.63	-0.01	mghv-miR-M1-2
7066	1.00	9.85x10 ⁻¹	-0.02	-4.63	-0.02	mmu-miR-1904
9539	1.00	9.85x10 ⁻¹	0.02	-4.63	0.02	mmu-miR-202-3p
12330	1.00	9.85x10 ⁻¹	0.02	-4.63	0.02	mmu-miR-7b
6379	1.00	9.86x10 ⁻¹	0.02	-4.63	0.01	mmu-miR-15b
13871	1.00	9.86x10 ⁻¹	0.02	-4.63	0.01	mmu-miR-500
11954	1.00	9.86x10 ⁻¹	-0.02	-4.63	-0.03	mmu-miR-499
9628	1.00	9.87x10 ⁻¹	-0.02	-4.63	-0.02	mmu-miR-125a-3p
8920	1.00	9.87x10 ⁻¹	-0.02	-4.63	0.00	mmu-let-7g
15085	1.00	9.87x10 ⁻¹	0.02	-4.63	0.00	
384	1.00	9.89x10 ⁻¹	0.01	-4.63	0.01	mmu-miR-128
7030	1.00	9.90x10 ⁻¹	0.01	-4.63	0.00	mmu-miR-296-5p
3714	1.00	9.90x10 ⁻¹	0.01	-4.63	0.00	mmu-miR-23b
13474	1.00	9.90x10 ⁻¹	-0.01	-4.63	-0.02	
13924	1.00	9.90x10 ⁻¹	-0.01	-4.63	0.00	mmu-miR-98
3487	1.00	9.91x10 ⁻¹	-0.01	-4.63	-0.01	mmu-miR-30a
61	1.00	9.91x10 ⁻¹	0.01	-4.63	0.00	mmu-miR-107
10442	1.00	9.91x10 ⁻¹	-0.01	-4.63	-0.01	mmu-miR-96
5596	1.00	9.92x10 ⁻¹	0.01	-4.63	0.01	mmu-miR-469
15042	1.00	9.92x10 ⁻¹	0.01	-4.63	0.01	mmu-miR-365
7231	1.00	9.92x10 ⁻¹	0.01	-4.63	0.00	mmu-miR-130a
15018	1.00	9.93x10 ⁻¹	-0.01	-4.63	0.00	mmu-let-7g

4658	1.00	9.93×10^{-1}	0.01	-4.63	0.01	mmu-miR-30c-2*
7078	1.00	9.95×10^{-1}	-0.01	-4.63	0.00	mmu-miR-100
13587	1.00	9.96×10^{-1}	0.00	-4.63	0.00	mmu-miR-342-3p
1744	1.00	9.97×10^{-1}	0.00	-4.63	0.00	mmu-miR-465a-3p
13174	1.00	9.97×10^{-1}	0.00	-4.63	0.00	mmu-miR-877*
8598	1.00	9.98×10^{-1}	0.00	-4.63	0.00	mmu-miR-378
15691	1.00	9.98×10^{-1}	0.00	-4.63	0.00	mmu-miR-140
11131	1.00	9.98×10^{-1}	0.00	-4.63	0.00	mmu-miR-149
1878	1.00	9.99×10^{-1}	0.00	-4.63	0.00	mmu-miR-107
4228	1.00	9.99×10^{-1}	0.00	-4.63	0.00	mmu-miR-23b
672	1.00	9.99×10^{-1}	0.00	-4.63	0.00	mmu-let-7g
6513	1.00	$1.00 \times 10^{+0}$	0.00	-4.63	0.00	mmu-miR-720

Table SVI. The names of genes commonly predicted as targeted by miRNAs of which expression is stimulated or attenuated by TGF- β 1. Total - total number of genes, which expression is potentially regulated by listed miRNAs.

The names of miRNAs	total	The names of potentially target genes
miR-125b-5p, miR-155-5p, miR-181a-5p, miR-181b-5p, miR-30c-5p	2	QKI, BRWD1
miR-125b-5p, miR-155-5p, miR-181a-5p, miR-181b-5p	5	KCNA1, ZC3H12B, MAP3K10, SP1, ETS1
miR-155-5p, miR-181a-5p, miR-181b-5p, miR-30c-5p	32	RTKN2, CHD9, CEP350, CNOT6, PICALM, PAWR, ELAVL2, NFAT5, ZBTB41, RCOR1, PAK7, CHD7, TNPO1, CPEB4, S100BPB, NOVA1, SIRT1, LIN7C, BNC2, MBNL2, MECP2, YOD1, TSGA14, CNTN4, MIER3, KRAS, BRD1, JARID2, NKAIN2, TADA2B, ATP2B1, EIF2C4
miR-125b-5p, miR-181a-5p, miR-181b-5p, miR-30c-5p	22	HIC2, ST8SIA4, BCL2, PIP4K2B, LIN28B, UBE2J1, ADCY1, PRDM1, PHF15, ATXN1, FNDC3B, TMEM135, ZBTB34, CHL1, STC1, MEGF9, EGR3, LIN28, GRB10, NFIB, LIFR, SH2B3
miR-155-5p, miR-181a-5p, miR-181b-5p	57	PCDHAC1, PALLD, PCDHA13, FBXO11, TRIM2, RSPO2, HEXIM1, ACVR2A, KALRN, NR1D2, ZIC3, NR4A3, ARID2, GABRA1, MYBL1, ZNF664, KPNA4, MAP3K7IP2, G3BP2, WDFY3, DDX3Y, MPP5, EN2, XRN1, SOX6, RAP2A, TM9SF3, SMARCAD1, ASTN1, SEPT11, ATP2B3, DTNA, PCDHA6, DNAJB1, CARD11, PCDHA4, ARL5B, RAB11FIP2, FAM135A, PCDHA2, FBXO33, USP9X, ZNF236, PCDHAC2, KPNA1, BTBD3, FOS, CDC73, ACVR2B, ZMYND11, PHF20L1, RNF19A, WNK1, MEX3C, RPS6KA3, RPS6KB1, SPOCK1
miR-125b-5p, miR-181a-5p, miR-181b-5p	53	KCNMA1, TAF9B, SORT1, IGSF11, LIF, EPHA4, UBE2W, FAM126B, TANC2, NOTCH2, PODXL, SOCS4, ZBTB4, DTX4, ZDHHC7, CCNJ, DAZAP2, CBX7, PI4K2B, C10ORF104, GLS, TLK2, FZD4, ADAM11, RAB8B, KIAA2022, PCGF6, DCLK1, B4GALT1, PHOX2B, MSII, MTF1, ZNF281, SCD, SRGAP2, STAT3, C14ORF43, MADD, SEL1L, PPP1R12B, BMPR2, ZBTB33, NIN, TBC1D1, BAZ2A, ANKRD50, TRIM71, ZC3H11A, LRP4, ETV6, MAMDC2, SRF, SEMA4C

miR-181a-5p, miR-181b-5p, miR-30c-5p	186	PKNOX2, EPB41L4B, USP47, C7ORF60, EPN2, GDA, HOXA1, OSBPL8, ENOX2, ZIC2, EED, CECR2, BCLAF1, RAD23B, LRRC8D, FRS2, OTUD4, SGK269, PALM2, HLF, HEPHL1, NAALADL2, GOT2, ZC3H6, CCDC6, SLC35F1, MLL3, ITSN1, ATP2B2, IL1A, C14ORF129, CPD, LPPR4, NEGR1, CCNK, COL19A1, ITGA6, TOX, GCNT2, PLCXD3, IRS2, BTBD10, MAP2K4, BCL6, MFAP3L, DOCK4, FIGN, E2F7, WDR82, ADAMTS6, TNRC6B, ZFX, FAM73B, D4S234E, FBXO34, CCDC117, GTF2H1, BIRC6, PPP3R1, EPC2, DMXL2, NLK, PGAP1, CREB1, STAG1, BAZ2B, TUSC3, PHACTR2, PDE5A, FAM179B, CALCR, LYCAT, CACNB2, METAP2, SHOC2, CSNK1G1, ZFAND5, KIAA1024, CHIC1, ACAP2, UNC5D, NRXN3, RNMT, ATRNL1, FAM46C, RNF8, HOXA11, DOCK7, SEC24A, BACH2, CALM1, GIGYF1, PSD3, LPP, FAM178A, MEX3B, DPYSL2, MFSD6, CDH13, TIMP3, YTHDF3, LPGAT1, MARK1, TWF1, CAMK2D, MARCH5, RUNX1, CNR1, PBRM1, GOLGA1, NR3C1, AASDHPPT, CBLB, TMEM47, AFF4, TTLL7, C15ORF29, ARHGEF3, ATG5, EDNRB, TTBK1, SLC38A2, CD2AP, MYH10, ADO, TNKS, ABI3BP, TULP4, PER2, TRIM9, RAPGEF4, UBE2D1, CLOCK, PPP1R2, TBL1X, PAPD5, KIAA0247, DDIT4, NUS1, BCL2L11, CUL5, RAP1B, DIP2B, TRIM13, PCDH19, TBPL1, FAM46A, CALU, PLAG1, DOCK10, GRM5, FNDC3A, ATP8A1, SIX4, TMCC1, C13ORF23, MAP3K7IP3, SFRS7, SERPINE1, DSEL, SEPT8, NCALD, CIT, RAB11A, TMEM30A, ZFH3, SSX2IP, DLGAP2, C5ORF13, BCL11A, PPP2R5E, ROD1, UBE3C, KPNB1, YTHDC1, ADAMTS5, ATP2A2, ONECUT2, GATM, PHTF2, ATP8B1, MAT2A, GRIA2, DNAJC13, ATRN, GOLGA8B
miR-155-5p, miR-181a-5p, miR-30c-5p	2	SSH2, PELI1
miR-125b-5p, miR-155-5p, miR-181b-5p	1	RBAK
miR-125b-5p, miR-181b-5p, miR-30c-5p	1	ADAM9
miR-125b-5p, miR-155-5p, miR-30c-5p	9	HMGB3, ABL2, ESRRG, SATB2, EIF5A2, TP53INP1, SETD7, SOX11, TRPS1

miR-181a-5p, miR-181b-5p	650	SLMAP, WASF1, RNF38, KLHL2, SLC10A7, DHX35, HCN1, AQP9, RAB3IP, AGPAT1, MAP3K3, UNC5A, PCSK1, TNS3, LRRN1, EPS8, CCL22, ITGA3, HOOK3, SLK, NOL8, CDC14A, USP6NL, ZFP14, KIAA0528, VGLL3, ZNF83, KIAA2018, RTF1, NEFH, EVI2A, GATA6, CDK8, ING5, RIN2, LCOR, CCAR1, DMRT3, GCC2, HS2ST1, BCHE, KL, PLCL2, DUSP5, ERLIN2, ATP11C, THRB, TSPYL4, USP42, EN1, CDC42BPA, CNOT1, NIPBL, HSF2, SFRS5, GRIK2, ATG10, PHLDA1, WDR20, NEBL, ZNF655, CBFA2T2, PJA2, SLAIN1, NR2C2, RPRD1B, RHOBTB2, SEPT3, PHLPL, CAMSAP1, SERTAD2, NMNAT2, MEGF10, SCHIP1, MAGOHB, SNN, PROX1, KCNK10, RNF182, PDAP1, HOXB5, KIAA0664, FHDC1, MOSPD1, TNF, C17ORF63, BEX2, MTMR12, LDLR, RBM26, SIX2, RABGEF1, LRBA, OSBPL3, HAND2, CREB3, USP9Y, SPP1, XPO4, XIAP, VAX1, THOC7, MKLN1, YTHDC2, ARFGEF2, MAP1A, BHLHB2, TGIF2, LOC387856, C3ORF58, EXOSC3, PDCD6IP, IPO5, KIAA0999, ESR1, DEPDC6, WIF1, MAB21L2, MEGF11, CUL3, FAM160A2, GRM1, FAM122B, ZNF514, PCDHA12, ARHGAP26, ITGB8, GNG2, RNF43, EPB41L3, WSB1, BAT2D1, AHCTF1, ITGA2, NRXN1, TXNDC12, NTS, PCDHA7, POU3F2, PTPN9, ZFAND6, GPD1L, ALS2CR4, DUSP10, MAPK1IP1L, PKP2, CNOT2, KIAA1219, DPP6, METAP1, HMBS, SLC25A24, GPBP1, TCTN3, CACNA2D2, MYO1E, LOC153364, FAM3C, ADARB1, AP1S3, PAM, ADRBK1, ZNF563, YWHAG, NOL4, LRRC32, IGF2BP2, ZIC5, SHE, PCDHA5, SASH1, CDC14B, RLBP1L1, BBS9, ENTPD6, CTNNA1, FAM102A, CBX4, MAPK1, API5, SAMHD1, CDON, MMP14, KIAA0182, SPTY2D1, TNFSF11, TAP2, IPPK, BIVM, CXCL2, ZDHHC3, SLC25A4, CLASP1, PRIMA1, PAPOLG, ZFP36L1, AKAP6, PCNP, TMEM196, TSC22D2, TRAK2, ABHD13, TGFBRAP1, TMEM181, C10ORF78, SLAIN2, GLIS3, TCERG1, TBL1XR1, TOM1L1, APOO, ACSL1, RBBP7, PRDM10, CAMSAP1L1, DNAJC21, USP33, PPP1CB, SYNE1, RSBN1, ADH4, YTHDF2, TARDBP, DHX29, COL16A1, PAN3, PDXDC1, RHOG, HEY1, MTPN, TIMELESS, LRP12, ZFYVE16, SLITRK2, MLL5, CAMTA2, C11ORF30, HOXD3, TRPM3, TMEM64, JARID1A, ZNF594, OR51E2, PURB, PDIA6, BAG4, CA5B, FBXL3, PAK4, GABRG2, ERMN, NCOA2, KIAA0226, PDGFRA, ADM, PLEKHJ1, KLHL5, DLC1, SPRY4, KCNC2, WDR37, USO1, KIAA1128, MED26, AFTPH, HOXC8, LARP4, NSMAF, SLC24A3, NARG1, C2ORF69, RPN2, ZNF207, DOPEY1, LMO1, DCN, BEND3, KIAA0427, WDYHV1, MKRN1, LONRF1, TMEM184C, RABL5, RBM25, INO80, CTTNBP2NL, FSD1L, PPP2R3A, BMP2K, ADAMTSL1, ANKRD43, LPCAT1, CYR61, AKT3, ARL5A, PROCR, BAIAP2, C6ORF192, ARSJ, BAAT, KAT2B, XYLT1, C6ORF62, ZNF440, ZNF280D, SLC19A2, RFX2, ZADH2, ACTR2, PDE3B, LBR, CBFA2T3,
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	<p> CDYL, RLF, ERGIC1, RYR3, KANK1, HECA, PRTG, WASL, ADAMTS18, PTEN, AFF1, AGFG1, ATXN7L1, SENP1, GOLGA8E, SLC25A37, TXNDC15, APIG1, CD4, BAI3, PTPRE, ARL1, FPR3, CALB1, CEP135, PLEK, GTF2E1, AKAP7, LYRM1, ARHGEF7, TMEM127, SAMD12, SCOC, HISPPD1, YIPF4, MPP7, FBN2, PHF3, DCBLD2, CAPZA2, CASP10, MINK1, DNAJA4, ATP11A, PIAS3, ATP1B1, CNKSR3, CDKN1B, TRIM3, MBOAT1, TSPAN8, IPO8, SYNC, SLC2A3, PHC3, RNF34, TNFRSF11B, SECISBP2, PAX9, PI4K2A, MED8, RNF145, DYNC1LI2, NPAT, GDI1, COIL, ARHGEF2, PACS2, SIPA1L2, CDX2, GPR22, C7ORF41, PRDM4, PRKCD, MAPT, ENAH, EGR1, TMEM165, ZIC4, KIAA0196, CPNE2, PUNC, UHMK1, FAM171A1, RNF20, PCDHA11, PIK3R3, KLF6, RNF2, DNAJC7, POLA1, CKS1B, HECW2, EYA1, STEAP4, CAMKK1, ZFHX4, VBP1, SNAP25, MORC3, MAP3K8, ANO1, ZIC1, SPOCK3, PLEKHA3, LMBRD2, C11ORF75, SMAD7, PCDHA9, DKFZP56400823, PEX13, PDPK1, CRISPLD1, ZNF124, PCYOX1, C17ORF39, ATXN3, SLC26A4, TGFBR1, VPS33B, ACVR1C, CRIM1, ATP1B2, NR6A1, PKNOX1, EREG, RNF115, PCGF2, DPY19L2, NAT13, KCNJ10, SELI, E2F5, NMT2, SEMA3B, CREBZF, PER3, CDKL2, GREM1, ITPR2, PRKAG2, ILF3, RP2, UBE2B, JAZF1, LEMD3, HOXD1, ZNF292, SPIN1, HEG1, PDIK1L, LAMC1, GPR88, PBX3, CAMK2G, HMGB2, KIF3B, PRICKLE2, RAN, MTMR9, LMTK2, FOXK1, ETF1, MTX3, SF1, CREBL2, FAM120C, RANBP3, YWHAB, TMSB4Y, TNFAIP1, THAP2, PRKCE, SLC25A25, ACYP1, PHACTR4, ZNF329, GAPVD1, CD163, TBC1D4, OGT, MSL2, PCDHA10, PRDX3, CARM1, CLEC3A, PPARA, CD59, PLDN, PNRC2, PSAP, GPR137C, FRMD8, KCNH8, BPTF, NPEPPS, SENP2, ID4, SOX5, ADAMTS1, PRKG1, PPM1B, UBL3, CAPRIN1, NLN, FNBP4, SEC24C, SYT3, ANKRD13C, SLC9A6, DCUN1D1, MBNL1, IL2, ARRDC3, SRPK2, ABI1, DHX57, VGLL2, IFNG, RALA, ZNF449, IRF5, TET2, SPIRE1, TMEM71, ST8SIA3, SACM1L, RASSF2, MRPS23, HSPC159, CAPRIN2, KIAA0195, RECK, RBM47 TSG101 CEBPG LHX6 RBM22 FBXO41 ANK1 HSP90B1 CDKN2AIP TMEM131 SORD CNTNAP2 TRRAP SLC26A9 SEMA4G DR1 CYLD WSCD2 CEBPA C12ORF64 PCDHA3 SLC12A5 ARL3 MLLT10 GABRA4 CTDSPL PDE11A CYP26B1 SYNPR LMO3 MAP1B SFRS18 ROBO2 CSNK1G3 GAS7 SLITRK1 MEST C12ORF35 PPFIA1 KLF15 PCDHA1 PTBP2 HEY2 CXCL5 GPD2 ZNF800 ZFR QSER1 PCDHA8 RNF125 NPTN EIF4A2 FOXP1 CCDC85A RGMA SUDS3 RAD21 ZNF28 MAP2K1 ZNF654 SS18L1 CLIP1 GP5 UBP1 STC2 TLL1 TMEM132B SETX ZNF326 DERL1 IFT57 ZZZ3 RNF13 CD69 FMNL2 C3ORF59 POM121 TBC1D9 TGFBI DDX3X SCG5 KLHL3 ADCY9 DPP10 TMF1 FKBP1A RFTN2 NPC1 INPP5A PITPNB RASSF1 TMEM106B </p>
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		MBOAT2 SIN3B ATMIN NPTXR SEMA3C RNF6 TP63 ANXA11 PUM1 CNOT6L ARNT2 KIAA0802 TXNDC10
miR-125b-5p, miR-181a-5p	4	KLF3, GGT7, RNF144B, NIPA1
miR-181a-5p, miR-30c-5p	3	SON, EPB41, RNF169
miR-155-5p, miR- 181b-5p	3	ZNF618, C6ORF89, CAB39
miR-125b-5p, miR-181b-5p	1	PAFAH1B1
miR-181b-5p, miR-30c-5p	12	PPP1R9A, REEP1, ZDHHC17, STS, GALNT1, ZMYND8, PLS1, SLC1A2, KLF12, STX12, ZFYVE26, KCNMB2
miR-125b-5p, miR-155-5p	11	SEC14L5, TSPAN14, E2F2, APC, ANTXR2, GABRB2, PHC2, CXORF23, HIVEP2, TMEM194A, BCAT1

miR-155-5p, miR-30c-5p	65	LCORL, C21ORF66, HECTD2, SLC6A15, CAMTA1, ABHD2, RGL1, TMEM33, PTPN2, SH3PXD2A, YWHAZ, SCN1A, DIXDC1, UBE2D3, ITK, GLCCI1, SMAD2, RCHY1, SMAD1, CFL2, SOCS1, RUNX2, DET1, GPR85, RAPGEF2, SYPL1, KIF3A, SLC39A10, UST, SGK3, SATB1, HECW1, NUFIP2, TOMM20, MATR3, RAPH1, SOCS6, BDNF, SEMA3A, DDAH1, SLC12A6, SGCB, CUGBP2, DCUN1D3, DHX40, HDAC9, VAPA, EBF3, ZNF644, RND3, C8ORF4, FXR1, PTPRD, ZNF238, MARCH6, USP48, ARID4A, PCDH9, RANBP10, BACH1, HNRNPA3, ARL15, ELL2, VAV3, HIPK1
miR-125b-5p, miR-30c-5p	69	SLC7A6, UBE2G1, PAPOLA, BSN, PHF20, NCOR2, PLXNA1, MEIS2, CPEB3, PHF16, FUT4, DCX, RALGPS1, GRHL1, EAF1, RASGEF1A, DAG1, YES1, DLL4, SYN2, UBN1, CPSF6, FBXL17, RAB22A, C7ORF43, MAN1B1, DAGLA, MAF, C9ORF86, FLJ36031, ANO3, KLF13, DYNLT3, MEF2D, ALPK3, GJA1, NEFM, NRIP1, ZSCAN29, LRFN2, ZBTB7A, GALNT7, USP37, PSTPIP2, COPS7B, IRF4, CFBF, SNX27, SMARCD2, TDG, PLAGL2, ZSWIM5, FAM83F, CECR6, ORC2L, FBXO45, PSMD7, ITGB3, FAM131B, MGEA5, MFHAS1, KPNA6, ZSCAN22, E2F3, ABHD6, CYP24A1, MIB1, RNF44, KLHL24
miR-181a-5p	17	RAG1, GPM6A, MTL5, CCDC126, TBC1D14, ACAD8, VAMP1, CADM2, LTBP2, ORAI1, MTMR10, GJB7, HSPA13, IL6ST, FAT3, ETNK1, NAT12
miR-181b-5p	42	WHSC1, CPEB1, PLD1, GMFB, PSMF1, ZNF294, EPS15, EMR2, CHN2, KIAA0232, PDK4, SSX3, KIAA1045, C15ORF26, SLC31A1, TRDMT1, BTBD11, SLC24A4, PDE10A, GPX8, FCRL5, CA3, NAB1, SMG7, DEK, SCN3B, SUSP5, ACTL6A, CACHD1, FAM102B, TMEM217, PTPRT, C1ORF21, SCARB2, DISP2, FAM70A, CDKN3, FAM155B, TIFA, PRKCA, SEC22A, ADIPOQ

miR-155-5p	242	<p>SALL1, CHD8, MTF, SLC33A1, SPIN2B, NFIA, SFRS1, ACBD3, GNAS, GOLGA3, KIAA1715, FOXE1, PODN, WHSC1L1, ETNK2, MMP16, TRAM1, TAF12, TMEM202, RICTOR, COL7A1, TM6SF1, CNIH, STON1, GFI1, UPP2, CHAF1A, VTI1A, MEIS1, C12ORF36, SLA, JAK2, ANTXR1, LRP1B, HBP1, WNT5A, SEPHS1, MAP4K3, REPS2, FLJ37543, CCND1, PSIP1, KCNN3, SGCZ, STRN3, LUZP2, DMTF1, PDE3A, CTCFL, C10ORF46, TWSG1, FBXO30, WEE1, SMURF2, CARHSP1, HAS3, H3F3A, FEM1C, SPIN2A, F13A1, NAMPT, HDAC4, ENTHD1, SCG2, SPI1, C1QL2, MYLK, RAB6A, NKX3-1, CTLA4, MUT, SMARCA4, SKI, CPA3, ELOVL2, COPS3, SUZ12, RAB34, PSKH1, CLCN3, LIN9, VSTM2A, SOX1, ARFGAP3, MAFB, PKIA, SP3, SLC1A3, NAV3, SHANK2, BAG5, KBTBD2, ZMYM2, EHD1, SPIN3, MPHOSPH9, SH2D4B, OLFML3, N4BP1, TBRG1, PIK3R1, AGPAT5, HOOK1, CD47, SOCS5, BOC, RAB1A, NUDT4, CLDN1, ACTA1, HMGCS1, TLE4, UPF2, SEC61A2, ZNF703, LPIN1, MON1A, INADL, ADNP2, LRAT, WIT1, ETV1, MYO1D, RNF123, RHOBTB1, RCN2, GOLPH3L, TMTC2, ZNF652, DRD1, MYB, RNF135, ZPLD1, C3ORF18, RAC1, EHF, ADD3, ARVCF, IRF2BP2, DACH1, ATF3, GDF6, PGRMC2, ZBTB38, YWHAE, C14ORF147, LSM14A, MAP3K14, AICDA, MEF2A, COL21A1, TCF12, SGIP1, AQP4, ZWILCH, MYO10, ABCD2, PRPF4B, KSR1, MYPN, WWC1, PRKAR1A, CSNK1G2, GLT25D1, JHDM1D, TBC1D20, GCET2, SPRED1, TINAG, CDH6, KIAA1274, STYX, MARCH7, KAT2A, WDFY1, JARID1B, THSD7B, PKN2, C9ORF5, SORCS1, VEZF1, SLC11A2, PHF17, STXBP5L, SDCBP, SLC2A12, NFIX, BCORL1, PEA15, FGF7, RREB1, CBL, CLCN5, PIK3CA, CLINT1, ZNF642, ANKFY1, ZKSCAN5, TSHZ3, FAR1, ABAT, KIAA1333, SLC20A2, SNRPN, C7ORF16, NEUROG2, IKBKE, HIF1A, RELA, TRIM32, ATP6V1G1, LRRC59, DYNC11I1, RAB5C, WTAP, KIAA1468, INPP5D, RAB30, ZNF185, SUFU, UBQLN1, RBMS3, TGFBR2, HERC4, UNC13C, CUX1, CDC42SE2, GPM6B, ST8SIA2, TAPT1, KIAA0430, SEMA5A, CEBPB, GATAD2B, THAP6, CSF1R, KIAA1267, NDFIP1, GOLT1B, ZNF562, ELMOD1, SMAD5</p>
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miR-125b-5p	424	<p>EIF2B5, BTG2, EDN1, NT5DC1, HOMEZ, MSL1, PELI2, PRKRA, ATP5G2, SH3BP4, ANKRD13B, CYTH1, DIRAS1, MSRB3, SLC4A8, SEMA4D, BAK1, PHYHIP, BBC3, TMEM132E, ZFYVE1 OAZ2, MAPKAPK2, LUZP1, FOXK2, PDIA3, ASB13, FAM73A, CORO2A, SLCO2A1, MAPK12, ATOH8, KIAA0100, STARD13, ATP1B4, DNAL4, ESRRA, ZNF395, MAPK10, KIAA0317, CACNB1, IL6R, NEU1, AGGF1, DPF2, TMED9, RBM44, C17ORF59, RBM38, LOXL1, OLFML2A, MICALL1, BRD4, KLHL6, UBTD1, BCKDK, DCTN1, SAMD10, BRCC3, KCNH4, GPATCH8, BAI1, NAB2, LIMD2, MEMO1, SLC38A9, SCN4B, RBM7, SLC39A9, TM9SF4, TMPRSS13, XKRX, IMPAD1, FAM129B, TMEM77, ZBTB47, CDR2L, PSMB8, VEGFA, TRIM14, GRIN2A, SCARF2, C19ORF39, UBE2L3, SMG1, IL13, LFNG, KIF1B, VPS37B, TNFAIP3, TSEN54, KIAA0556, GTPBP2, PRELID2, SLC25A15, SLC26A6, PPP1CA, MMP11, USP38, QSOX2, HMGCR, CGREF1, FOXD2, MDGA1, GPC4, BMF, MKNK2, C1ORF144, MCART6, TSPAN12, RNASEH2C, FOXN3, BRPF1, SH3TC2, ZNF691, PTPRF, C9ORF9, VPS4B, MYEOV, FAM134A, ERBB2, ZNRF3, C6ORF47, ENPEP, BIN2, GABRP, MFN1, ZNF589, ABCC5, MAP2K7, TMBIM6, BMP1, TAZ, IKZF4, RHO2, ERO1LB, EIF4EBP1, DPP9, NAIF1, SSR2, GALNT14, RHOQ, MED15, OSBPL9, PPP2CA, MAPRE2, C19ORF40, EIF2C2, SLC35C1, IL10RA, SHROOM4, ALDH1A3, CCDC21, RAPGEF5, ELOVL1, SPSB4, CLEC2D, RPS6KA1, HCN4, SLC7A1, SEMA4F, ELAVL1, GJC1, CELSR2, ATP10D, USP12, KCNH7, AZI2, RND2, KLC2, MASP1, PCTP, LDB1, DUS1L, TOMM40, TIMM17B, ST6GAL1, NCAN, EIF1AD, ITGA7, IGFBP3, KIAA1602, KIAA1598, TMLHE, ARCN1, LBH, MRPL30, SLC4A4, MAP3K11, LACTB, CSNK2A1, RFC5, EPO, PCSK7, ABTB1, TBC1D8B, KCNS3, FAM176A, MAP3K9, SLC6A17, RYBP, PHF23, BCL2L14, TRIM68, ERBB4, BCL2L12, IER2, APOBEC4, RFX5, PTPN18, FOXQ1, VCIPI1, NRM, IRF1, KCNIP3, KIAA1522, TMEM86A, EPHA2, LNPEP, CACNB3, RASL10B, IHPK1, DICER1, KIAA0323, SGPL1, WDR1, PERLD1, MXD4, CLEC2B, ATP13A3, DEM1, COPZ1, HDDC3, TMEM161B, HOXB3, FAM135B, ZNF81, CYP11B2, CASC3, BCL2L2, PPP2R1B, PAN2, RAPGEFL1, RNF144A, KIAA0174, COL4A3, RET, PRSS35, PARP14, GRSF1, ABCC4, MYT1, PLAGL1, FLOT2, ANKRD42, FBXW4, GP6, DDX42, MAPK14, CDC42SE1, EMID1, LIMA1, TEAD2, SOX30, VANGL2, ZNF76, CRB2, FURIN, GLB1L2, WARS, FGFR2, ADAMTS4, KIAA1244, RAB6B, PPP2R5C, FAM62A, NICN1, PCTK1, ATG4D, FAM53C, ACCN2, SMEK1, GOLGA5, SSTR3, ASPHD1, FAM118A, LYPLA2, TYSND1, NXF1, SCARB1, TRIAP1, TTC7A, SLC17A7, CTF8, PPT1, GOPC, NUMBL, SEMA4B, SULT4A1, MTUS1, HCN3, GAB2, SLITRK6, PRRC1, ACHE, PPP1R3A, MCL1, RFXANK,</p>
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		M6PR, C9ORF150, PVRL2, TEF, SUV420H2, NUP210, SLC4A10, LYPD6, MRPL43, VDR, SLC35A4, CCDC149, CD34, DNAJC14, CNNM1, FUT1, SMC2, ZC3H7B, VPS37C, TBX4, DVL3, SERTAD3, EBF4, HRH3, UVRAG, SMURF1, TNFSF4, SH3BP5L, DUSP6, ELK1, UBE2R2, FAM65B, MIZF, WIPF2, SUV39H1, TRIM7, TAT, FMNL3, CYGB, PPME1, RAB3D, MUL1, FAM116A, ENTPD4, HTATIP2, ELOVL6, ASB6, SPTB, BRSK2, ABHD3, C11ORF57, TGOLN2, TMEM177, EDEM1, ANPEP, BAP1, RIT1, HIF1AN, NECAB3, MLF2, RUSC2, ARID3B, ARHGEF1, PPAT, TMEM198, IL16, RNF40, PPP1R16B, RNF121, IER3IP1, BRPF3, NEDD9, CAMKV, RBM8A, ITGA9, LL22NC03-75B3.6, ENPP1, SCNN1A, SGSM2, CCR5, HEMK1, SNRPB, ULK3, CGN, BMPR1B, SYVN1, HIATL1, FAM160B2, ZNF828, PTGS1, KCTD21, HOXD9, DOCK3, ZNF385A, HOXC6, CDKN2A, SCN2B, CASP2, NPL, MTMR3, TMEM168, AMELY, APPL1, IL2RB, GCNT1, CDH5, GGA2, TRIB2, ADD2, NDRG3, SCN5A, LANCL1, FCHSD1, ST18, OSBPL5, TRAPPC6B
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miR-30c-5p	746	<p>ITGA5, MGMT1, NAGPA, ADAM12, ITPK1, GALNT3, UBAC1, ERG, CCDC97, SLC16A14, NR4A2, RWDD4A, CXORF39, SCYL3, SNX33, CHD1, SLC25A14, KIAA1949, FAHD1, ELOVL5, ARL4A, HERC2, KIAA1033, PCGF3, SDAD1, SNX16, PARP16, KPNA3, PPP3CA, GFPT2, PPIL4, CCNY, GRAMD2, CEP170, VAT1L, CCDC43, MFSD11, SLC6A6, CHFR, TNXB, OTUD6B, ADAM19, ADRA2A, SEC23IP, TASP1, EDNRA, SNX6, ZBTB11, IRS1, DLGAP4, ACTC1, KIAA0355, INO80D, SUV39H2, C13ORF18, NCAM1, CSDA, ARL6IP6, UBXN7, RARB, PRRG1, CARS, AHNAK, ZNF711, PPP1R12A, CHMP2B, DGKD, SORBS2, PGM2L1, GNAO1, RAB38, SCN3A, NUA1, RRAD, PPARGC1A, SNAI1, SOX9, CUL4B, PITX1, PDGFRB, ADRB1, CELSR3, HOXB8, FLJ45983, ASAP1, PDSS1, NEDD4L, NHLH2, YPEL5, ZNF649, RIMBP2, FAM160B1, DNAJC16, RNF7, PGM1, CSMD3, KLHL28, TANK, RCAN1, FBXL20, SPAG9, C1ORF174, RAB15, ICA1L, BDP1, NF1, FAM49A, NEFL, GALNT2, ANKRD17, ELF1, DNMT3A, NT5E, NCK2, HNF4G, EIF2C3, PGGT1B, PLEKHO2, GIGYF2, CALB2, TMOD2, ALG9, HERC3, MXRA5, PDE4D, PAPD4, ELL, PIK3CD, SLC7A11, PITPNM2, PPM1E, VAT1, SLC5A3, CHST2, WDR26, FRMD4A, BCL11B, SOCS3, GLCE, GPR124, KLF9, PYROXD1, TSPAN2, RIPK5, FAM91A1, SP4, RAB4B, GNA13, AMOTL2, FAM104A, WWP1, IHPK3, GCLC, CBX2, MAN1A2, SSBP2, C19ORF50, LPHN3, SETD3, GPR110, STK39, NR2F2, SPAST, FHOD3, RPS6KA2, SMAP1AVL9, FOXG1, BNC1, ZNF608, SLC22A5, SEPT7, C9ORF72, ABCC9, YBX1, MCF2L, NR3C2, NPAS2, VPS26B, EMCN, CACNA1C, DOC2A, DCTN4, GRM3, TRPM7, ODZ3, HTR4, ANO4, SLC22A23, PIK3C2B, PPP3CB, USP15, PTGER2, VKORC1L1, SFXN1, CNTD1, YAF2, MIER2, IRX4, SLC30A8, TSC1, TNRC4, SBF1, TNRC6A, TACC1, RAD9B, PDCL, STIM2, SNX18, PCDH20, RASL12, MAML1, PIP4K2A, ZNF706, UNC5C, RNF146, NECAP1, CSGALNACT1, C14ORF28, CCPG1, SORCS3, PDGFA, ANKHD1, PDP2, KIAA1370, C12ORF30, GCOM1, GBP1, WDR7, MEOX2, EML4, FKBP3, AP1B1, LIPG, UBE2O, RPRD1A, KCNJ12, ACVR1, ESCO1, PIK3R2, ABL1, VIP, CCNE2, MKL2, ELMO1, DIO2, MTDH, MAP3K12, SEMA6D, LMBR1L, IER5, KCNJ3, CMTM4, RBM5, WDR44, NID2, GLDC, EXTL2, FUCA1, ALS2CR8, RAB32, CAMK4, STAU1, FGF5, BAHD1, LYSMD3, GAS2, ERLIN1, NTNG1, MTA1, SBK1, TFAP2A, PGR, INTS2, ZNF507, TMED10, MBNL3, PCDH17, RFX6, TMEM87A, NADK, MCF2, KTEL1, P4HA1, AZIN1, ADAMTS3, ZDHHC21, NHS, GLI2, MAFG, MNT, CBX3, ZCCHC2, KIAA1211, PTGFRN, KCTD8, SAPS3, NEUROD6, CAT, ZNF746, MIS12, CTRL, MARCH4, C3ORF57, TBC1D15, RASA1, JMJD1A, BNIP3L, GABRA5, LCP1, STXBP1, FRMPD1, TET1, DMD, KLHL20, NFYB, FZD3,</p>
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	<p>RAP2C, ASXL1, IDH1, CFDP1, DLG5, BMI1, SH3RF1, MICAL1, MIA3, SPHKAP, CPE, WIPF1, PIP5K1B, IGF2R, RFFL, CALD1, RBM15B, RAB10, SOBP, SH3GL2, IL28RA, SUCLG2, UCP3, DEXI, ACTN1, IFNAR2, R3HDM1, NRBF2, SEMA6B, RSF1, KCTD3, JDP2, NKX2-2, ERFFI1, STX6, B4GALT5, NRK, SEPT6, ME1, ZFY, PPARGC1B, EPHB2, OMG, EEA1, C13ORF15, MAB21L1, EDEM3, FAM13A1, NDEL1, ARID1A, ARL8B, FLVCR2, ZBTB40, COL12A1, MAST3, YPEL2, SLC6A3, EYA2, C4ORF19, AFF3, B3GNT5, HIVEP1, SLC5A11, RNF122, ANKRA2, RCBTB1, CTNND2, TAF4B, TUBGCP3, POU4F2, TIA1, FAM109A, KLF11, SOX4, PTPDC1, EPDR1, NRP1, ATAD2B, GNAI2, CLN8, ASCC3, MAP3K5, STX2, FUBP3, STAG2, SYNGR3, EML1, C1ORF135, CTDSPL2, TRDN, TBX5, UBE2F, PLCG1, MLL, RTN4R, NEDD4, NEK4, ZNF148, UBE2I, RP5-1022P6.2, CHST1, GAN, HDAC5, LMLN, REEP3, GNPDA1, EDC3, JAKMIP2, ARID3A, WDR43, STOML1, ARF4, MYH9, LRRC17, ZPBP2, FAM152A, MYEF2, ADAMTS9, BCL9, MAGI3, FAM40A, MARCH8, CNGB3, RAI14, KIF16B, NRP2, ACP2, FREQ, ARID5B, ARL4C, ACTR1A, GALR1, EVI5, CXCL11, MYBL2, ASB3, SNX10, NUPL1, DBF4, MTPP, KCTD5, PPTC7, GRHL2, STOX2, FOXJ2, SSR3, ZCCHC24, PFN2, RRAS2, LEPR, ARPC5, CDC37L1, NRBP1, CCDC120, LARGE, AP2A1, GABRB1, TLL2, SUB1, AKAP10, LYST, SOX12, ARL10, SMARCA5, FRMD6, DGKZ, TCP11L1, RAB23, GOLGA8A, CADPS, CLDND1, REV3L, B4GALT6, DOLPP1, SUPT3H, RHEBL1, ZNF518A, GM2A, UBA3, MYH11, NSL1, PLEKHA7, STX7, MYO5A, C4ORF34, SPEN, REV1, OXR1, TSPAN33, LHX8, PDS5B, SETD5, SNX2, SLC30A4, NEUROD1, USP45, JPH4, KIAA2026, CYR1, IL1RAP, TXNDC5, CCNJL, RALGDS, TMED2, PRUNE2, ADRB2, SLC4A7, COL25A1, SLC7A10, CAMK2N1, DDX46, BCOR, NTRK3, CCNT2, SLC35F3, JOSD1, ZBTB39, ELMOD2, CSNK1A1, ARRDC4, CHKA, RNF138, SEH1L, KCTD9, ZBTB6, FAF2, ZRANB2, CLTC, ZNF521, PDCD10, RAP2B, COL13A1, PTAR1, SNAPIN, CDC7, FAM123B, SEMA6A, GMEB2, HNRNPC, RNF165, ZCCHC14, TGDS, CASP3, ICK, EIF2C1, GZF1, WDR47, XPR1, PRPF40A, SEC23A, CPNE8, DACH2, JAG2, GLT8D3, RGS2, PTPRK, FOXP4, UHRF1BP1, IL1RAPL2, EPHA3, P4HA2, RBM12, INSIG2, PRKRIR, RNF220, IKZF2, MARCKS, SACS, C20ORF108, PLXNA2, IL2RA, FAP, CAPZA1, SCARA5, PRG4, A2BP1, STX17, LYN, USP6, AFAP1L2, NAP1L3, SLC36A1, CPEB2, PHF6, PCGF5, DGKI, ADRA2B, MBD6, PIGA, KREMEN1, LRCH2, TFDPI, DENND1B, SLC35D3, MAGI2, MAP3K2, LEPROTL1, ZFC3H1, PTPN21, HSPA5, LIMCH1, JUNB, SCN2A, XPO1, RHOB, SAP30, PEX3, CA10, AP3M1, CEP76, LGI1, NR5A2, NECAB1, IGF1R, CPNE3, SNX30, NLGN1, NAV1, PCDH10, MSI2, LRRC40, THBS2, DCP2, POLR1D, VAMP3,</p>
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		C22ORF28, FRK, CDC2L6, RASD1, SCAMP1, SLC41A2, PRLR, AP3S1, FAM43A, ZNF280B, MSH2, ZEB2, STK35, CAPN5, TMEM121, SAP30BP, MKRN3, SLC30A5, RARG, ARHGEF6, LRRFIP2, RGS6, SRGAP3, TBC1D10B, PHF13, AMOTL1, MTSS1, MMD, KCTD7, C10ORF76, SNX1, PDS5A, CUL2, JAK1, SLC39A11, BTBD7, VANGL1, KIAA1328, FRZB, SLC6A9, TMEFF1, GPR125, KIAA1804, STAC, SCN8A, EFNA3, CAMKK2, SLC9A8, PAX3, PON2, C2ORF55, ZBTB44, PTP4A1, PPP1R14C, FOXD1, KITLG, ARID4B, UBE2V2, BECN1, GPT2, ADAM22, MAP4K4, PRICKLE1, FOXO3, KLF10, PSME3, RFX7, FAM110B, PRRT2, PNN, ESPN, FAM81A, UBE2D2, AR, SNAI2, CRKL, PLXDC1, AP4E1, TAOK1, KIF3C, EPB41L5, SLC38A7, CLCF1, FGD6, USP44, GOLGA4, NOTCH1, PTPN13, PPP4R4, PAPOLB, URM1, IL7, SCN9A, DPY19L1, LMBR1, C10ORF26, DACT1, CAMK2N2, ELAVL3, HLX, ZNRF1, PNKD, RAB7A, RAB8A
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Table SVII. TGF-B_signaling_pathway.

Target Gene	Gene Description	The number of miRNAs potentially targeting listed genes
ACVR1	activin A receptor, type I	1
ACVR1C	activin A receptor, type IC	2
ACVR2A	activin A receptor, type IIA	3
ACVR2B	activin A receptor, type IIB	3
BMPR1B	bone morphogenetic protein receptor, type IB	1
BMPR2	bone morphogenetic protein receptor, type II (serine/threonine kinase)	3
DCN	decorin	2
E2F5	E2F transcription factor 5, p130-binding	2
GDF6	growth differentiation factor 6	1
ID1	inhibitor of DNA binding 1, dominant negative helix-loop-helix protein	1
ID2	inhibitor of DNA binding 2, dominant negative helix-loop-helix protein	1
ID3	inhibitor of DNA binding 3, dominant negative helix-loop-helix protein	1
ID4	inhibitor of DNA binding 4, dominant negative helix-loop-helix protein	2
IFNG	interferon, gamma	2
MAPK1	mitogen-activated protein kinase 1	2
PPP2CA	protein phosphatase 2, catalytic subunit, alpha isozyme	1
PPP2R1B	protein phosphatase 2, regulatory subunit A, beta	1
RHOA	ras homolog family member A	1
RPS6KB1	ribosomal protein S6 kinase, 70kDa, polypeptide 1	3
SMAD1	SMAD family member 1	2
SMAD2	SMAD family member 2	2
SMAD5	SMAD family member 5	1
SMAD7	SMAD family member 7	2
SMURF1	SMAD specific E3 ubiquitin protein ligase 1	1
SMURF2	SMAD specific E3 ubiquitin protein ligase 2	1

SP1	Sp1 transcription factor	4
TFDP1	transcription factor Dp-1	1
TGFBR1	transforming growth factor, beta receptor 1	2
TGFBR2	transforming growth factor, beta receptor II (70/80kDa)	1
THBS2	thrombospondin 2	1
TNF	tumor necrosis factor	2
ZFYVE16	zinc finger, FYVE domain containing 16	2

Table SVIII. Pathways in cancer.

Target Gene	Gene description	The number of miRNAs potentially targeting listed genes
ABL1	c-abl oncogene 1, non-receptor tyrosine kinase	1
AKT3	v-akt murine thymoma viral oncogene homolog 3	2
APC	adenomatous polyposis coli	2
APPL1	adaptor protein, phosphotyrosine interaction, PH domain and leucine zipper containing 1	1
AR	androgen receptor	1
ARNT2	aryl-hydrocarbon receptor nuclear translocator 2	2
BCL2	B-cell CLL/lymphoma 2	4
CASP3	caspase 3, apoptosis-related cysteine peptidase	1
CBL	Cbl proto-oncogene, E3 ubiquitin protein ligase	1
CBLB	Cbl proto-oncogene B, E3 ubiquitin protein ligase	3
CCDC6	coiled-coil domain containing 6	3
CCND1	cyclin D1	1
CCNE2	cyclin E2	1
CDK6	cyclin-dependent kinase 6	1
CDKN1B	cyclin-dependent kinase inhibitor 1B (p27, Kip1)	2
CDKN2A	cyclin-dependent kinase inhibitor 2A	1
CEBPA	CCAAT/enhancer binding protein (C/EBP), alpha	2
CKS1B	CDC28 protein kinase regulatory subunit 1B	2
CRKL	v-crk avian sarcoma virus CT10 oncogene homolog-like	1
CSF1R	colony stimulating factor 1 receptor	1
CTNNA1	catenin (cadherin-associated protein), alpha 1, 102kDa	2
CUL2	cullin 2	1
DVL3	dishevelled segment polarity protein 3	1
E2F2	E2F transcription factor 2	2
E2F3	E2F transcription factor 3	2
ERBB2	v-erb-b2 avian erythroblastic leukemia viral oncogene homolog 2	1
ETS1	v-ets avian erythroblastosis virus E26 oncogene homolog 1	4
FADD	Fas (TNFRSF6)-associated via death domain	1
FGF5	fibroblast growth factor 5	1

FGF7	fibroblast growth factor 7	1
FGFR2	fibroblast growth factor receptor 2	1
FOS	FBJ murine osteosarcoma viral oncogene homolog	3
FZD3	frizzled family receptor 3	1
FZD4	frizzled family receptor 4	3
GLI2	GLI family zinc finger 2	1
HIF1A	hypoxia inducible factor 1, alpha subunit (basic helix-loop-helix transcription factor)	1
HSP90B1	heat shock protein 90kDa beta (Grp94), member 1	2
IGF1R	insulin-like growth factor 1 receptor	1
ITGA2	integrin, alpha 2 (CD49B, alpha 2 subunit of VLA-2 receptor)	2
ITGA3	integrin, alpha 3 (antigen CD49C, alpha 3 subunit of VLA-3 receptor)	2
ITGA6	integrin, alpha 6	3
JAK1	Janus kinase 1	1
KITLG	KIT ligand	1
KRAS	Kirsten rat sarcoma viral oncogene homolog	4
LAMC1	laminin, gamma 1 (formerly LAMB2)	2
MAP2K1	mitogen-activated protein kinase kinase 1	2
MAPK1	mitogen-activated protein kinase 1	2
MAPK10	mitogen-activated protein kinase 10	1
MITF	microphthalmia-associated transcription factor	1
MSH2	mutS homolog 2	1
NKX3-1	NK3 homeobox 1	1
PDGFA	platelet-derived growth factor alpha polypeptide	1
PDGFRA	platelet-derived growth factor receptor, alpha polypeptide	2
PDGFRB	platelet-derived growth factor receptor, beta polypeptide	1
PIAS3	protein inhibitor of activated STAT, 3	2
PIK3CA	phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit alpha	1
PIK3CD	phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit delta	1
PIK3R1	phosphoinositide-3-kinase, regulatory subunit 1 (alpha)	1
PIK3R2	phosphoinositide-3-kinase, regulatory subunit 2 (beta)	1

PIK3R3	phosphoinositide-3-kinase, regulatory subunit 3 (gamma)	2
PLCG1	phospholipase C, gamma 1	1
PLD1	phospholipase D1, phosphatidylcholine-specific	2
PRKCA	protein kinase C, alpha	2
PTEN	phosphatase and tensin homolog	2
RAC1	ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)	1
RALA	v-ral simian leukemia viral oncogene homolog A (ras related)	2
RALGDS	ral guanine nucleotide dissociation stimulator	1
RARB	retinoic acid receptor, beta	1
RASSF1	Ras association (RalGDS/AF-6) domain family member 1	2
RELA	v-rel avian reticuloendotheliosis viral oncogene homolog A	1
RET	ret proto-oncogene	1
RHOA	ras homolog family member A	1
RUNX1	runt-related transcription factor 1	3
SMAD2	SMAD family member 2	2
SMO	smoothened, frizzled family receptor	1
SPI1	spleen focus forming virus (SFFV) proviral integration oncogene	1
STAT3	signal transducer and activator of transcription 3 (acute-phase response factor)	3
SUFU	suppressor of fused homolog (Drosophila)	1
TGFBR1	transforming growth factor, beta receptor 1	2
TGFBR2	transforming growth factor, beta receptor II (70/80kDa)	1
VEGFA	vascular endothelial growth factor A	1
WNT5A	wingless-type MMTV integration site family, member 5A	1
XIAP	X-linked inhibitor of apoptosis	2

Table SIX. ERBB signalling pathway.

Target gene	Gene description	The number of miRNAs potentially targeting listed genes
ABL1	c-abl oncogene 1, non-receptor tyrosine kinase	1
ABL2	c-abl oncogene 2, non-receptor tyrosine kinase	3
AKT3	v-akt murine thymoma viral oncogene homolog 3	2
CAMK2D	calcium/calmodulin-dependent protein kinase II delta	3
CAMK2G	calcium/calmodulin-dependent protein kinase II gamma	2
CBL	Cbl proto-oncogene, E3 ubiquitin protein ligase	1
CBLB	Cbl proto-oncogene B, E3 ubiquitin protein ligase	3
CDKN1B	cyclin-dependent kinase inhibitor 1B (p27, Kip1)	2
CRKL	v-crkl avian sarcoma virus CT10 oncogene homolog-like	1
EIF4EBP1	eukaryotic translation initiation factor 4E binding protein 1	1
ELK1	ELK1, member of ETS oncogene family	1
ERBB2	v-erb-b2 avian erythroblastic leukemia viral oncogene homolog 2	1
ERBB3	v-erb-b2 avian erythroblastic leukemia viral oncogene homolog 3	1
ERBB4	v-erb-b2 avian erythroblastic leukemia viral oncogene homolog 4	1
EREG	epiregulin	2
KRAS	Kirsten rat sarcoma viral oncogene homolog	4
MAP2K1	mitogen-activated protein kinase kinase 1	2
MAP2K4	mitogen-activated protein kinase kinase 4	3
MAP2K7	mitogen-activated protein kinase kinase 7	1
MAPK1	mitogen-activated protein kinase 1	2
MAPK10	mitogen-activated protein kinase 10	1
NCK2	NCK adaptor protein 2	1
PAK4	p21 protein (Cdc42/Rac)-activated kinase 4	2
PAK7	p21 protein (Cdc42/Rac)-activated kinase 7	4
PIK3CA	phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit alpha	1
PIK3CD	phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit delta	1
PIK3R1	phosphoinositide-3-kinase, regulatory subunit 1 (alpha)	1

PIK3R2	phosphoinositide-3-kinase, regulatory subunit 2 (beta)	1
PIK3R3	phosphoinositide-3-kinase, regulatory subunit 3 (gamma)	2
PLCG1	phospholipase C, gamma 1	1
PRKCA	protein kinase C, alpha	1
RPS6KB1	ribosomal protein S6 kinase, 70kDa, polypeptide 1	3

Table SX. MAPK signalling pathway.

Target gene	Gene description	The number of miRNAs potentially targeting listed genes
AKT3	v-akt murine thymoma viral oncogene homolog 3	2
BDNF	brain-derived neurotrophic factor	2
CACNA1C	calcium channel, voltage-dependent, L type, alpha 1C subunit	1
CACNA2D2	calcium channel, voltage-dependent, alpha 2/delta subunit 2	2
CACNB1	calcium channel, voltage-dependent, beta 1 subunit	1
CACNB2	calcium channel, voltage-dependent, beta 2 subunit	3
CACNB3	calcium channel, voltage-dependent, beta 3 subunit	1
CASP3	caspase 3, apoptosis-related cysteine peptidase	1
CRKL	v-crk avian sarcoma virus CT10 oncogene homolog-like	1
DUSP10	dual specificity phosphatase 10	2
DUSP5	dual specificity phosphatase 5	2
DUSP6	dual specificity phosphatase 6	1
ELK1	ELK1, member of ETS oncogene family	1
FGF5	fibroblast growth factor 5	1
FGF7	fibroblast growth factor 7	1
FGFR2	fibroblast growth factor receptor 2	1
FOS	FBJ murine osteosarcoma viral oncogene homolog	3
IL1A	interleukin 1, alpha	3
KRAS	Kirsten rat sarcoma viral oncogene homolog	4
MAP2K1	mitogen-activated protein kinase kinase 1	2
MAP2K4	mitogen-activated protein kinase kinase 4	3
MAP2K7	mitogen-activated protein kinase kinase 7	1
MAP3K10	mitogen-activated protein kinase kinase kinase 10	4
MAP3K11	mitogen-activated protein kinase kinase kinase 11	1
MAP3K12	mitogen-activated protein kinase kinase kinase 12	1
MAP3K14	mitogen-activated protein kinase kinase kinase 14	1
MAP3K2	mitogen-activated protein kinase kinase kinase 2	1
MAP3K3	mitogen-activated protein kinase kinase kinase 3	2
MAP3K5	mitogen-activated protein kinase kinase kinase 5	1

MAP3K7IP2		3
MAP3K8	mitogen-activated protein kinase kinase kinase 8	2
MAP3K9	mitogen-activated protein kinase kinase kinase 9	1
MAP4K3	mitogen-activated protein kinase kinase kinase kinase 3	1
MAP4K4	mitogen-activated protein kinase kinase kinase kinase 4	1
MAPK1	mitogen-activated protein kinase 1	2
MAPK10	mitogen-activated protein kinase 10	1
MAPK12	mitogen-activated protein kinase 12	1
MAPK14	mitogen-activated protein kinase 14	1
MAPKAPK2	mitogen-activated protein kinase-activated protein kinase 2	1
MAPT	microtubule-associated protein tau	2
MKNK2	MAP kinase interacting serine/threonine kinase 2	1
NF1	neurofibromin 1	1
NLK	nemo-like kinase	3
PDGFA	platelet-derived growth factor alpha polypeptide	1
PDGFRA	platelet-derived growth factor receptor, alpha polypeptide	2
PDGFRB	platelet-derived growth factor receptor, beta polypeptide	1
PPM1B	protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent, 1B	2
PPP3CA	protein phosphatase 3, catalytic subunit, alpha isozyme	1
PPP3CB	protein phosphatase 3, catalytic subunit, beta isozyme	1
PPP3R1	protein phosphatase 3, regulatory subunit B, alpha	3
PRKCA	protein kinase C, alpha	1
RAC1	ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)	1
RAP1B	RAP1B, member of RAS oncogene family	3
RAPGEF2	Rap guanine nucleotide exchange factor (GEF) 2	2
RASA1	RAS p21 protein activator (GTPase activating protein) 1	1
RELA	v-rel avian reticuloendotheliosis viral oncogene homolog A	1
RPS6KA1	ribosomal protein S6 kinase, 90kDa, polypeptide 1	1
RPS6KA2	ribosomal protein S6 kinase, 90kDa, polypeptide 2	1
RPS6KA3	ribosomal protein S6 kinase, 90kDa, polypeptide 3	3
RRAS2	related RAS viral (r-ras) oncogene homolog 2	1
SRF	serum response factor (c-fos serum response element-	3

	binding transcription factor)	
TAOK1	TAO kinase 1	1
TGFBR1	transforming growth factor, beta receptor 1	2
TGFBR2	transforming growth factor, beta receptor II (70/80kDa)	1
TNF	tumor necrosis factor	2

Table SXI. Regulation of actin cytoskeleton.

Target gene	Gene description	The number of miRNAs potentially targeting listed genes
ACTN1	actinin, alpha 1	1
APC	adenomatous polyposis coli	2
ARHGEF1	Rho guanine nucleotide exchange factor (GEF) 1	1
ARHGEF6	Rac/Cdc42 guanine nucleotide exchange factor (GEF) 6	1
ARHGEF7	Rho guanine nucleotide exchange factor (GEF) 7	2
ARPC5	actin related protein 2/3 complex, subunit 5, 16kDa	1
BAIAP2	BAI1-associated protein 2	2
CFL2	cofilin 2 (muscle)	2
CRKL	v-crk avian sarcoma virus CT10 oncogene homolog-like	1
ENAH	enabled homolog (Drosophila)	2
FGF5	fibroblast growth factor 5	1
FGF7	fibroblast growth factor 7	1
FGFR2	fibroblast growth factor receptor 2	1
GNA13	guanine nucleotide binding protein (G protein), alpha 13	1
ITGA2	integrin, alpha 2 (CD49B, alpha 2 subunit of VLA-2 receptor)	2
ITGA3	integrin, alpha 3 (antigen CD49C, alpha 3 subunit of VLA-3 receptor)	2
ITGA5	integrin, alpha 5 (fibronectin receptor, alpha polypeptide)	1
ITGA6	integrin, alpha 6	3
ITGA7	integrin, alpha 7	1
ITGA9	integrin, alpha 9	1
ITGB3	integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61)	2
ITGB8	integrin, beta 8	2
KRAS	Kirsten rat sarcoma viral oncogene homolog	4
MAP2K1	mitogen-activated protein kinase kinase 1	2
MAPK1	mitogen-activated protein kinase 1	2
MYH10	myosin, heavy chain 10, non-muscle	3
MYH9	myosin, heavy chain 9, non-muscle	1
MYLK	myosin light chain kinase	1
PAK4	p21 protein (Cdc42/Rac)-activated kinase 4	2

PAK7	p21 protein (Cdc42/Rac)-activated kinase 7	4
PDGFA	platelet-derived growth factor alpha polypeptide	1
PDGFRA	platelet-derived growth factor receptor, alpha polypeptide	2
PDGFRB	platelet-derived growth factor receptor, beta polypeptide	1
PFN2	profilin 2	1
PIK3CA	phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit alpha	1
PIK3CD	phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit delta	1
PIK3R1	phosphoinositide-3-kinase, regulatory subunit 1 (alpha)	1
PIK3R2	phosphoinositide-3-kinase, regulatory subunit 2 (beta)	1
PIK3R3	phosphoinositide-3-kinase, regulatory subunit 3 (gamma)	2
PIP4K2A	phosphatidylinositol-5-phosphate 4-kinase, type II, alpha	1
PIP4K2B	phosphatidylinositol-5-phosphate 4-kinase, type II, beta	4
PIP5K1B	phosphatidylinositol-4-phosphate 5-kinase, type I, beta	1
PPP1CA	protein phosphatase 1, catalytic subunit, alpha isozyme	1
PPP1CB	protein phosphatase 1, catalytic subunit, beta isozyme	2
PPP1R12A	protein phosphatase 1, regulatory subunit 12A	1
RAC1	ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)	1
RHOA	ras homolog family member A	1
RRAS2	related RAS viral (r-ras) oncogene homolog 2	1
SSH2	slingshot protein phosphatase 2	3
TMSB4Y	thymosin beta 4, Y-linked	2
VAV3	vav 3 guanine nucleotide exchange factor	2
WASF1	WAS protein family, member 1	2
WASL	Wiskott-Aldrich syndrome-like	2

Table SXII. MTOR signalling pathway.

Target gene	Gene description	The number of miRNAs potentially targeting listed genes
AKT3	v-akt murine thymoma viral oncogene homolog 3	2
CAB39	calcium binding protein 39	2
DDIT4	DNA-damage-inducible transcript 4	3
EIF4EBP1	eukaryotic translation initiation factor 4E binding protein 1	1
HIF1A	hypoxia inducible factor 1, alpha subunit (basic helix-loop-helix transcription factor)	1
MAPK1	mitogen-activated protein kinase 1	2
PDPK1	3-phosphoinositide dependent protein kinase-1	2
PIK3CA	phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit alpha	1
PIK3CD	phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit delta	1
PIK3R1	phosphoinositide-3-kinase, regulatory subunit 1 (alpha)	1
PIK3R2	phosphoinositide-3-kinase, regulatory subunit 2 (beta)	1
PIK3R3	phosphoinositide-3-kinase, regulatory subunit 3 (gamma)	2
RICTOR	RPTOR independent companion of MTOR, complex 2	1
RPS6KA1	ribosomal protein S6 kinase, 90kDa, polypeptide 1	1
RPS6KA2	ribosomal protein S6 kinase, 90kDa, polypeptide 2	1
RPS6KA3	ribosomal protein S6 kinase, 90kDa, polypeptide 3	3
RPS6KB1	ribosomal protein S6 kinase, 70kDa, polypeptide 1	3
TSC1	tuberous sclerosis 1	1
ULK3	unc-51 like kinase 3	1
VEGFA	vascular endothelial growth factor A	1

Table SXIII. Renal cell carcinoma pathway.

Target gene	Gene description	The number of miRNAs potentially targeting listed genes
AKT3	v-akt murine thymoma viral oncogene homolog 3	2
ARNT2	aryl-hydrocarbon receptor nuclear translocator 2	2
CRKL	v-crk avian sarcoma virus CT10 oncogene homolog-like	1
CUL2	cullin 2	1
ETS1	v-ets avian erythroblastosis virus E26 oncogene homolog 1	4
HIF1A	hypoxia inducible factor 1, alpha subunit (basic helix-loop-helix transcription factor)	1
KRAS	Kirsten rat sarcoma viral oncogene homolog	4
MAP2K1	mitogen-activated protein kinase kinase 1	2
MAPK1	mitogen-activated protein kinase 1	2
PAK4	p21 protein (Cdc42/Rac)-activated kinase 4	2
PAK7	p21 protein (Cdc42/Rac)-activated kinase 7	4
PIK3CA	phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit alpha	1
PIK3CD	phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit delta	1
PIK3R1	phosphoinositide-3-kinase, regulatory subunit 1 (alpha)	1
PIK3R2	phosphoinositide-3-kinase, regulatory subunit 2 (beta)	1
PIK3R3	phosphoinositide-3-kinase, regulatory subunit 3 (gamma)	2
RAC1	ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)	1
RAP1B	RAP1B, member of RAS oncogene family	3
VEGFA	vascular endothelial growth factor A	1

Table SXIV. Summary of genes selection for further analysis.

Target gene	Number of binding miRNA	TCGA Encori mRNA		Encori survival	Log-Rank P-value	CPTAC Ualcan protein		TGFB1 vs gene coexpression Encori	
		Fold change	P-value	HR		Changes	P-value	coefficient-R	P-value
ABL2	3	1.74	2.7x10 ⁻¹⁵	1.07	0.68 (ns)	upregulated in tumor samples	1.44x10 ⁻⁶	0.41	3.83x10 ⁻²³
ACVR1C	2	0.62	4.0x10 ⁻¹⁹	1.46	1.40x10 ⁻²	no data	no data	-0.22	3.18x10 ⁻⁷
ACVR2A	3	0.73	4.7x10 ⁻¹⁴	0.40	2.60x10 ⁻⁸	no data	no data	-0.03	5.11x10 ⁻¹ (ns)
ACVR2B	3	0.81	7.4x10 ⁻⁷	0.63	3.10x10 ⁻³	no data	no data	-0.04	3.98x10 ⁻¹ (ns)
AKT3	2	1.0	0.1	0.50	1.20x10 ⁻⁵	upregulated in tumor samples	1.53x10 ⁻⁸	0.10	2.80x10 ⁻²
APC	2	0.95	0.02	0.43	1.10x10 ⁻⁷	no changes	7.7x10 ⁻¹	0.04	4.17x10 ⁻¹ (ns)
ARHGEF7	2	1.63	4.0x10 ⁻²⁰	0.78	0.11 (ns)	upregulated in tumor samples	2.63x10 ⁻⁴⁵	0.12	4.60x10 ⁻³
ARNT2	2	0.29	9.2x10 ⁻³⁷	0.79	0.14 (ns)	downregulated in tumor samples	1.59x10 ⁻²	0.04	4.23x10 ⁻¹ (ns)
BAIAP2	2	0.79	6.0x10 ⁻⁷	0.83	0.24 (ns)	downregulated in tumor samples	1.72x10 ⁻⁵⁶	0.07	9.87x10 ⁻² (ns)
BCL2	4	1.69	4.4x10 ⁻⁶	0.48	3.5x10 ⁻⁶	upregulated in tumor samples	3.34x10 ⁻¹⁷	-0.10	2.39x10 ⁻²
BDNF	2	4.19	1.0x10 ⁻¹¹	0.77	0.083 (ns)	no data	no data	0.11	1.02x10 ⁻²
BMPR2	3	0.89	2.10x10 ⁻³	0.46	8.8x10 ⁻⁷	upregulated in tumor samples	1.03x10 ⁻⁴	0.14	1.61x10 ⁻³
CAB39	2	0.58	3.5x10 ⁻³⁸	0.65	4.70x10 ⁻³	downregulated in tumor samples	4.71x10 ⁻⁵⁰	-0.11	9.65x10 ⁻³
CACNA2D2	2	0.21	1.9x10 ⁻⁷⁹	0.72	3.60x10 ⁻²	no data	no data	-0.01	8.85x10 ⁻¹ (ns)
CACNB2	3	1.24	0.33	0.78	0.11 (ns)	no data	no data	-0.14	1.19x10 ⁻³
CAMK2D	3	1.22	2.30x10 ⁻³	0.71	2.70x10 ⁻²	upregulated in tumor samples	9.78x10 ⁻⁶	-0.12	6.42x10 ⁻³
CAMK2G	2	0.76	6.6x10 ⁻¹¹	0.95	0.71 (ns)	downregulated in tumor samples	1.03x10 ⁻³⁹	0.26	7.79x10 ⁻¹⁰
CBLB	3	1.77	3.4x10 ⁻²⁵	0.85	0.3 (ns)	upregulated in tumor samples	9.43x10 ⁻¹⁴	0.27	2.49x10 ⁻¹⁰

CCDC6	3	1.0	0.52	0.61	1.50x10 ⁻³	upregulated in tumor samples	1.13x10 ⁻⁶	-0.06	1.69x10 ⁻¹ (ns)
CDKN1B	2	1.24	7.20x10 ⁻⁴	0.61	1.60x10 ⁻³	no changes	5.35x10 ⁻¹	0.19	8.74x10 ⁻⁶
CEBPA	2	2.82	1.6x10 ⁻¹⁶	1.01	0.95 (ns)	upregulated in tumor samples	2.8x10 ⁻⁷	0.14	9.55x10 ⁻⁴
CFL2	2	0.97	0.02	0.72	3.30x10 ⁻²	upregulated in tumor samples	2.25x10 ⁻⁶	-0.18	3.28x10 ⁻⁵
CKS1B	2	1.52	5.0x10 ⁻¹¹	0.98	0.91 (ns)	upregulated in tumor samples	2.15x10 ⁻²⁴	0.30	6.19x10 ⁻¹³
CTNNA1	2	0.92	4.20x10 ⁻³	0.48	3.90x10 ⁻⁶	downregulated in tumor samples	2.88x10 ⁻³²	0.10	2.53x10 ⁻²
DCN	2	0.17	3.0x10 ⁻³⁵	1.37	4.40x10 ⁻²	downregulated in tumor samples	7.04x10 ⁻¹⁵	0.29	1.96x10 ⁻¹¹
DDIT4	3	4.49	6.6x10 ⁻⁵¹	1.17	0.32 (ns)	no data	no data	0.50	9.48x10 ⁻³⁶
DUSP10	2	2.61	1.0x10 ⁻³⁰	1.17	0.3 (ns)	no data	no data	0.27	3.07x10 ⁻¹⁰
DUSP5	2	0.65	1.10x10 ⁻⁴	1.11	0.49 (ns)	no data	no data	0.23	7.32x10 ⁻⁸
E2F2	2	4.69	1.2x10 ⁻⁷⁰	1.64	1.50x10 ⁻³	no data	no data	0.28	2.71x10 ⁻¹¹
E2F3	2	1.19	8.6x10 ⁻⁶	1.22	0.2 (ns)	downregulated in tumor samples	2.14x10 ⁻²	0.11	1.05x10 ⁻²
E2F5	2	0.88	5.9x10 ⁻⁵	1.69	7.40x10 ⁻⁴	no data	no data	-0.15	3.94x10 ⁻⁴
ENAH	2	1.03	0.98	1.12	0.46 (ns)	no changes	4.46e-01	0.17	5.76x10 ⁻⁵
EREG	2	0.77	0.99	2.10	2.9x10 ⁻⁶	no data	no data	0.09	3.09x10 ⁻²
ETS1	4	2.29	1.7x10 ⁻¹⁷	0.54	7.7x10 ⁻⁵	upregulated in tumor samples	3.56x10 ⁻²³	0.37	1.01x10 ⁻¹⁸
FOS	3	0.63	2.0x10 ⁻⁶	0.96	0.77 (ns)	no changes	1.19x10 ⁻¹	0.23	9.90x10 ⁻⁸
FZD4	3	1.51	1.50x10 ⁻⁴	0.44	4.4x10 ⁻⁷	no changes	3.78x10 ⁻¹	0.12	6.45x10 ⁻³
HSP90B1	2	1.31	6.9x10 ⁻⁷	1.20	0.25 (ns)	upregulated in tumor samples	6.13x10 ⁻²³	0.24	1.43x10 ⁻⁸
ID4	2	0.76	9.8x10 ⁻⁶	0.74	0.057 (ns)	no data	no data	0.01	7.97x10 ⁻¹ (ns)
IFNG	2	17.83	8.9x10 ⁻³⁴	1.43	2.30x10 ⁻²	no data	no data	0.16	2.32x10 ⁻⁴

IL1A	3	0.68	8.00x10 ⁻³	1.40	3.10x10 ⁻²	no data	no data	-0.08	5.87x10 ⁻² (ns)
ITGA2	2	0.55	2.8x10 ⁻¹⁷	0.57	3.10x10 ⁻⁴	downregulated in tumor samples	7.90x10 ⁻⁹	0.24	1.32x10 ⁻⁸
ITGA3	2	1.50	4.30x10 ⁻⁴	1.09	0.59 (ns)	upregulated in tumor samples	8.21x10 ⁻⁷	0.39	1.50x10 ⁻²⁰
ITGA6	3	1.29	0.15	0.42	9x10 ⁻⁸	downregulated in tumor samples	2.21x10 ⁻³	-0.18	3.45x10 ⁻⁵
ITGB3	2	0.56	2.8x10 ⁻¹³	0.81	0.18 (ns)	downregulated in tumor samples	6.05x10 ⁻³	0.26	1.14x10 ⁻⁹
ITGB8	2	0.83	1.6x10 ⁻⁵	0.70	1.90x10 ⁻²	no changes	6.61x10 ⁻²	-0.08	8.09x10 ⁻² (ns)
KRAS	4	0.88	2.10x10 ⁻⁴	0.60	8.80x10 ⁻⁴	downregulated in tumor samples	4.72x10 ⁻¹⁵	-0.21	1.57x10 ⁻⁶
LAMC1	2	1.54	4.1x10 ⁻¹⁰	0.62	2.10x10 ⁻³	upregulated in tumor samples	1.44x10 ⁻¹⁶	0.37	2.60x10 ⁻¹⁸
MAP2K1	2	0.98	0.25	0.80	0.15 (ns)	upregulated in tumor samples	4.4x10 ⁻²⁶	0.13	3.27x10 ⁻³
MAP2K4	3	0.86	1.3x10 ⁻⁶	0.65	5.60x10 ⁻³	downregulated in tumor samples	1.43x10 ⁻⁶	-0.06	1.37x10 ⁻¹ (ns)
MAP3K10	4	1.16	9.70x10 ⁻²	1.43	2.00x10 ⁻²	no data	no data	0.31	1.55x10 ⁻¹³
MAP3K3	2	0.85	3.5x10 ⁻⁶	0.83	0.23 (ns)	upregulated in tumor samples	2.02x10 ⁻²⁷	0.30	7.67x10 ⁻¹³
MAP3K7IP2	3	no data	no data	no data	no data	no data	no data	no data	no data
MAP3K8	2	1.76	3.5x10 ⁻¹¹	1.83	1.20x ⁻⁴	no data	no data	0.10	1.59x10 ⁻²
MAPK1	2	1.12	0.23	0.50	7.40x ⁻⁶	upregulated in tumor samples	1.53x10 ⁻⁴⁴	0.02	7.10x10 ⁻¹ (ns)
MAPT	2	1.76	1.4x10 ⁻⁸	0.47	1.80x ⁻⁶	downregulated in tumor samples	6.37x10 ⁻³	-0.04	3.33x10 ⁻¹ (ns)
MYH10	3	0.30	2.6x10 ⁻⁴⁴	0.61	2.00x10 ⁻³	downregulated in tumor samples	2.9x10 ⁻³⁶	0.07	1.29x10 ⁻¹ (ns)
NLK	3	0.68	4.1x10 ⁻²⁵	0.71	2.60x10 ⁻²	no data	no data	-0.18	1.91x10 ⁻⁵
PAK4	2	0.72	3.7x10 ⁻¹⁵	1.03	0.85 (ns)	downregulated in tumor samples	5.67x10 ⁻¹⁶	0.12	4.92x10 ⁻³
PAK7	4	no data	no data	no data	no data	no data	no data	no data	no data
PDGFRA	2	0.19	1.8x10 ⁻³⁶	1.31	0.08 (ns)	no data	no data	0.27	1.13x10 ⁻¹⁰
PDPK1	2	0.74	1.9x10 ⁻¹⁴	0.43	9.4x10 ⁻⁸	upregulated in tumor samples	4.88x10 ⁻⁶	-0.18	2.73x10 ⁻⁵
PIAS3	2	1.22	9.10x10 ⁻⁴	1.20	0.24 (ns)	no data	no data	0.45	9.21x10 ⁻²⁸
PIK3R3	2	1.46	3.20x10 ⁻⁴	0.44	2.9x10 ⁻⁷	no data	no data	0.12	5.11x10 ⁻³

PIP4K2B	4	1.13	1.50×10^{-2}	0.50	0.14 (ns)	upregulated in tumor samples	2.06×10^{-6}	0.39	3.74×10^{-21}
PLD1	2	1.26	9.3×10^{-7}	0.71	2.80×10^{-2}	upregulated in tumor samples	3.66×10^{-24}	0.08	7.46×10^{-2}
PRKCA	2	0.44	1.5×10^{-36}	1.00	0.99 (ns)	downregulated in tumor samples	2.7×10^{-39}	0.02	7.11×10^{-1} (ns)
PPM1B	2	0.65	5.5×10^{-33}	0.87	0.38 (ns)	downregulated in tumor samples	8.55×10^{-25}	-0.16	2.79×10^{-4}
PPP1CB	2	0.83	2.2×10^{-6}	0.63	2.90×10^{-3}	downregulated in tumor samples	7.32×10^{-14}	0.10	1.68×10^{-2}
PPP3R1	3	1.21	3.6×10^{-7}	0.85	0.29 (ns)	upregulated in tumor samples	5.19×10^{-12}	0.33	9.08×10^{-15}
PTEN	2	1.06	0.71	0.62	2.20×10^{-3}	downregulated in tumor samples	1.14×10^{-24}	0.04	3.12×10^{-1} (ns)
RALA	2	1.28	1.8×10^{-6}	0.69	1.50×10^{-2}	no changes	1.88×10^{-1}	-0.08	7.64×10^{-2}
RAP1B	3	1.18	5.9×10^{-5}	1.05	0.76 (ns)	downregulated in tumor samples	1.65×10^{-13}	0.02	7.25×10^{-1} (ns)
RAPGEF2	2	1.27	2.50×10^{-2}	0.44	4.4×10^{-7}	upregulated in tumor samples	3.77×10^{-61}	-0.09	4.50×10^{-2}
RASSF1	2	1.58	1.0×10^{-18}	1.29	0.096 (ns)	no data	no data	0.36	1.57×10^{-17}
RPS6KA3	3	0.99	0.14	0.63	3.00×10^{-3}	downregulated in tumor samples	3.63×10^{-3}	-0.03	4.39×10^{-1} (ns)
RPS6KB1	3	1.27	3.5×10^{-10}	1.18	0.27 (ns)	upregulated in tumor samples	8.88×10^{-36}	0.11	1.13×10^{-2}
RUNX1	3	3.36	1.8×10^{-40}	2.07	3.30×10^{-6}	upregulated in tumor samples	1.01×10^{-29}	0.50	2.80×10^{-35}
SMAD1	2	0.77	2.1×10^{-7}	0.76	7.40×10^{-2}	no data	no data	0.15	4.97×10^{-4}
SMAD2	2	0.85	1.5×10^{-7}	0.58	4.30×10^{-4}	downregulated in tumor samples	3.59×10^{-18}	-0.06	1.97×10^{-1} (ns)
SMAD7	2	0.97	0.13	0.87	0.35 (ns)	no data	no data	0.35	1.34×10^{-16}
SP1	4	1.19	3.70×10^{-4}	0.63	2.90×10^{-3}	downregulated in tumor samples	9.3×10^{-3}	0.11	1.49×10^{-2}
SRF	3	0.99	0.72	0.95	0.73 (ns)	upregulated in tumor samples	1.09×10^{-13}	0.29	1.95×10^{-11}
SSH2	3	1.28	4.80×10^{-4}	0.81	0.19 (ns)	upregulated in tumor samples	1.91×10^{-11}	0.05	2.16×10^{-1} (ns)
STAT3	3	0.79	3.1×10^{-9}	0.93	0.64 (ns)	no changes	3.86×10^{-1}	0.42	1.00×10^{-23}

TGFB1	2	0.89	6.60x10 ⁻²	0.74	0.052 (ns)	upregulated in tumor samples	2.49x10 ⁻²⁴	-0.04	3.18x10 ⁻¹ (ns)
TMSB4Y	2	0.33	2.0x10 ⁻⁶	0.82	0.2 (ns)	no data	no data	0.02	6.66x10 ⁻¹ (ns)
TNF	2	1.36	0.37	1.10	0.52 (ns)	no data	no data	0.18	3.41x10 ⁻⁵
VAV3	2	0.38	3.1x10 ⁻³⁶	0.46	1.2x10 ⁻⁶	upregulated in tumor samples	1.89x10 ⁻¹⁰	-0.24	2.66x10 ⁻⁸
WASF1	2	1.55	1.1x10 ⁻¹¹	0.92	0.6 (ns)	downregulated in tumor samples	2.26x10 ⁻⁹	0.17	7.58x10 ⁻⁵
WASL	2	0.72	9.8x10 ⁻¹⁸	0.47	9.9x10 ⁻⁷	downregulated in tumor samples	6.04x10 ⁻²⁶	-0.29	5.78x10 ⁻¹²
XIAP	2	0.73	9.0x10 ⁻¹⁹	0.62	2.00x10 ⁻³	no changes	8.55x10 ⁻¹	-0.09	4.91x10 ⁻²
ZFYVE16	2	0.77	6.3x10 ⁻⁹	0.71	2.70x10 ⁻²	upregulated in tumor samples	1.93x10 ⁻⁴	-0.03	5.17x10 ⁻¹ (ns)

TCGA Encori mRNA - Genes expression (mRNA level), data from Encori bioinformatic program

Encori survival - HR and p value, the potential influence of listed genes on survival of ccRCC patients, data from Encori bioinformatic program

CPTAC Ualcan protein - Changes of listed proteins in ccRCC patients, data from Ualcan bioinformatic program

TGFB1 vs gene coexpression Encori - Correlation between TGFB1 expression and expression of listed Genes

	genes selected for analysis
	p values < 0.05 (Encori mRNA)
	p values < 0.05 (Encori survival)
	p values < 0.05 (Ualcan protein)
	p values < 0.05 , TGF vs genes corelation, Encori