

Filter_miRNA_mRNA

miRNA	mRNA	Score	Energy	miRNA_location	mRNA_location	MRE_length
mmu-miR-465b-5p	ENSMUST0000000109	164.00	-17.26	2 18	2,113 2,135	17
mmu-miR-465b-5p	ENSMUST0000000109	144.00	-14.66	2 20	4,228 4,247	18
mmu-miR-465b-5p	ENSMUST0000046948	145.00	-15.38	2 18	2,496 2,517	16
mmu-miR-465b-5p	ENSMUST0000049780	147.00	-17.33	2 21	3,066 3,089	21
mmu-miR-465b-5p	ENSMUST0000051419	147.00	-9.66	2 18	3,275 3,295	16
mmu-miR-465b-5p	ENSMUST0000056110	153.00	-11.70	2 20	1,917 1,941	21
mmu-miR-465b-5p	ENSMUST0000056110	142.00	-9.91	3 20	1,949 1,972	19
mmu-miR-465b-5p	ENSMUST0000085096	140.00	-16.57	2 21	276 297	19
mmu-miR-465b-5p	ENSMUST0000087313	146.00	-16.87	2 15	2,905 2,926	13
mmu-miR-465b-5p	ENSMUST0000087313	141.00	-10.83	2 18	2,540 2,561	16
mmu-miR-465b-5p	ENSMUST0000093192	142.00	-10.48	2 19	4,972 4,993	17
mmu-miR-465b-5p	ENSMUST0000097670	140.00	-12.79	2 21	2,069 2,088	19
mmu-miR-465b-5p	ENSMUST0000097955	144.00	-20.27	2 18	3,245 3,267	17
mmu-miR-465b-5p	ENSMUST00000100500	142.00	-16.45	2 15	1,559 1,580	13
mmu-miR-465b-5p	ENSMUST00000102635	148.00	-9.03	2 20	3,216 3,237	19
mmu-miR-465b-5p	ENSMUST00000105341	143.00	-20.76	2 20	1,991 2,012	18
mmu-miR-465b-5p	ENSMUST00000106341	149.00	-19.55	2 18	795 816	16
mmu-miR-465b-5p	ENSMUST00000106677	154.00	-7.81	2 19	3,210 3,231	17
mmu-miR-465b-5p	ENSMUST00000106702	151.00	-10.61	2 20	890 911	18
mmu-miR-465b-5p	ENSMUST00000108154	146.00	-13.69	2 21	8,344 8,370	24
mmu-miR-465b-5p	ENSMUST00000112868	149.00	-11.40	2 20	2,920 2,940	18
mmu-miR-465b-5p	ENSMUST00000112868	146.00	-10.69	2 21	8,026 8,046	19
mmu-miR-465b-5p	ENSMUST00000112868	142.00	-8.43	2 19	3,740 3,761	17
mmu-miR-465b-5p	ENSMUST00000112868	140.00	-10.35	2 20	5,383 5,405	20
mmu-miR-465b-5p	ENSMUST00000112915	145.00	-11.63	2 18	705 726	16
mmu-miR-465b-5p	ENSMUST00000113054	140.00	-14.82	2 21	211 232	21
mmu-miR-465b-5p	ENSMUST00000113140	147.00	-19.32	2 20	381 402	18
mmu-miR-465b-5p	ENSMUST00000113406	143.00	-16.53	3 19	400 419	16
mmu-miR-465b-5p	ENSMUST00000114144	152.00	-13.47	2 18	3,815 3,837	17
mmu-miR-465b-5p	ENSMUST00000115716	156.00	-9.33	2 21	4,579 4,600	19
mmu-miR-465b-5p	ENSMUST00000117361	152.00	-12.42	2 21	1,825 1,846	19
mmu-miR-465b-5p	ENSMUST00000117361	147.00	-4.58	2 20	39 60	18
mmu-miR-465b-5p	ENSMUST00000117361	142.00	-11.32	3 21	2,289 2,309	18
mmu-miR-465b-5p	ENSMUST00000117361	141.00	-11.84	2 21	236 255	19
mmu-miR-465b-5p	ENSMUST00000120310	152.00	-12.88	2 20	383 404	19
mmu-miR-465b-5p	ENSMUST00000135526	149.00	-16.51	2 21	1,900 1,921	20
mmu-miR-465b-5p	ENSMUST00000142201	140.00	-15.12	2 19	39 59	17
mmu-miR-465b-5p	ENSMUST00000146282	164.00	-16.60	2 20	4,506 4,525	18
mmu-miR-465b-5p	ENSMUST00000146282	155.00	-12.74	2 20	1,260 1,281	18
mmu-miR-465b-5p	ENSMUST00000146282	141.00	-10.53	2 14	3,959 3,980	12
mmu-miR-465b-5p	ENSMUST00000146730	147.00	-11.56	2 12	3,529 3,550	10
mmu-miR-465b-5p	ENSMUST00000146740	146.00	-14.87	2 20	340 364	21
mmu-miR-465b-5p	ENSMUST00000147153	149.00	-11.49	2 20	2,934 2,954	18
mmu-miR-465b-5p	ENSMUST00000149719	143.00	-8.65	2 20	2,962 2,983	18
mmu-miR-465b-5p	ENSMUST00000151237	149.00	-12.19	2 20	505 532	24
mmu-miR-465b-5p	ENSMUST00000151237	149.00	-13.29	2 16	1,978 2,001	16
mmu-miR-465b-5p	ENSMUST00000159027	155.00	-10.46	2 20	3,765 3,786	18
mmu-miR-465b-5p	ENSMUST00000159027	146.00	-8.96	2 20	2,712 2,734	19
mmu-miR-465b-5p	ENSMUST00000161795	145.00	-13.02	2 19	5,817 5,839	18
mmu-miR-465b-5p	ENSMUST00000162864	165.00	-17.77	2 18	2,478 2,499	16
mmu-miR-465b-5p	ENSMUST00000162864	145.00	-14.42	2 19	3,757 3,781	20
mmu-miR-465b-5p	ENSMUST00000162864	141.00	-11.48	3 18	2,514 2,535	15
mmu-miR-465b-5p	ENSMUST00000163779	158.00	-10.55	2 21	909 932	21
mmu-miR-465b-5p	ENSMUST00000169282	143.00	-11.99	2 18	730 750	16
mmu-miR-465b-5p	ENSMUST00000169282	142.00	-12.07	3 19	957 978	16
mmu-miR-465b-5p	ENSMUST00000178348	152.00	-13.34	2 18	278 301	18
mmu-miR-465b-5p	ENSMUST00000179709	149.00	-17.96	3 19	982 1,005	18
mmu-miR-465b-5p	ENSMUST00000190566	140.00	-11.64	2 17	2,116 2,137	15
mmu-miR-465b-5p	ENSMUST00000191916	142.00	-12.96	2 21	354 374	19
mmu-miR-465b-5p	ENSMUST00000199350	141.00	-14.81	2 20	92 115	20
mmu-miR-465b-5p	ENSMUST00000204827	146.00	-15.27	2 19	3,893 3,914	17
mmu-miR-741-3p	ENSMUST00000030973	142.00	-17.13	2 22	135 155	20
mmu-miR-741-3p	ENSMUST00000030973	142.00	-12.79	2 21	1,605 1,629	21
mmu-miR-741-3p	ENSMUST00000032203	153.00	-18.09	2 21	1,632 1,654	20
mmu-miR-741-3p	ENSMUST00000036370	151.00	-19.27	2 13	330 353	12
mmu-miR-741-3p	ENSMUST00000039956	144.00	-13.76	2 21	3,388 3,410	19
mmu-miR-741-3p	ENSMUST00000039978	155.00	-20.07	2 21	535 558	20
mmu-miR-741-3p	ENSMUST00000039978	141.00	-12.69	2 22	355 377	20
mmu-miR-741-3p	ENSMUST00000044217	143.00	-14.98	2 21	14,722 14,746	21
mmu-miR-741-3p	ENSMUST00000044217	140.00	-19.56	3 13	4,181 4,203	10
mmu-miR-741-3p	ENSMUST00000045699	154.00	-21.23	2 20	1,945 1,972	23
mmu-miR-741-3p	ENSMUST00000046948	151.00	-17.22	3 21	2,764 2,788	20
mmu-miR-741-3p	ENSMUST00000049780	146.00	-18.05	2 21	1,471 1,496	22
mmu-miR-741-3p	ENSMUST00000050719	150.00	-20.73	2 17	1,465 1,486	15
mmu-miR-741-3p	ENSMUST00000051676	153.00	-17.51	2 18	721 743	16
mmu-miR-741-3p	ENSMUST00000058440	153.00	-17.82	2 21	3,903 3,923	19
mmu-miR-741-3p	ENSMUST00000058440	144.00	-14.41	2 22	11,685 11,709	22
mmu-miR-741-3p	ENSMUST00000058704	154.00	-18.67	2 19	402 424	17
mmu-miR-741-3p	ENSMUST00000058704	152.00	-15.08	2 18	1,078 1,102	18
mmu-miR-741-3p	ENSMUST00000065329	161.00	-18.00	2 21	412 432	19
mmu-miR-741-3p	ENSMUST00000072481	142.00	-11.53	3 21	3,270 3,294	20
mmu-miR-741-3p	ENSMUST00000076136	157.00	-19.74	2 22	896 918	20
mmu-miR-741-3p	ENSMUST00000085092	144.00	-14.50	3 21	4,189 4,211	18
mmu-miR-741-3p	ENSMUST00000085096	170.00	-20.65	2 20	4,064 4,087	19
mmu-miR-741-3p	ENSMUST00000090480	141.00	-15.14	2 22	323 345	20
mmu-miR-741-3p	ENSMUST00000094140	141.00	-13.86	3 22	1,714 1,734	19
mmu-miR-741-3p	ENSMUST00000095087	145.00	-13.64	2 10	345 367	8
mmu-miR-741-3p	ENSMUST00000095087	141.00	-9.23	2 17	1,502 1,522	15
mmu-miR-741-3p	ENSMUST00000100235	142.00	-11.63	2 20	3,897 3,921	20
mmu-miR-741-3p	ENSMUST00000105464	148.00	-14.66	2 17	5,766 5,788	15
mmu-miR-741-3p	ENSMUST00000105486	144.00	-15.14	3 22	235 258	20
mmu-miR-741-3p	ENSMUST00000106677	152.00	-14.70	2 17	542 564	15
mmu-miR-741-3p	ENSMUST00000108154	156.00	-21.52	2 22	7,345 7,368	21
mmu-miR-741-3p	ENSMUST00000108154	141.00	-14.27	2 14	5,246 5,268	12
mmu-miR-741-3p	ENSMUST00000109504	140.00	-12.25	2 17	1,566 1,588	15
mmu-miR-741-3p	ENSMUST00000110242	157.00	-15.75	2 21	1,044 1,064	19
mmu-miR-741-3p	ENSMUST00000111513	149.00	-15.83	2 20	2,953 2,974	18
mmu-miR-741-3p	ENSMUST00000111513	143.00	-12.07	2 21	2,193 2,218	22
mmu-miR-741-3p	ENSMUST00000111513	141.00	-11.29	2 22	3,283 3,304	21
mmu-miR-741-3p	ENSMUST00000111656	143.00	-10.82	2 12	641 663	10
mmu-miR-741-3p	ENSMUST00000111816	161.00	-16.80	2 22	7,237 7,256	20
mmu-miR-741-3p	ENSMUST00000111816	149.00	-17.11	2 21	3,423 3,443	19
mmu-miR-741-3p	ENSMUST00000111816	149.00	-21.29	2 18	8,907 8,929	16
mmu-miR-741-3p	ENSMUST00000111816	141.00	-18.50	2 22	3,852 3,872	20
mmu-miR-741-3p	ENSMUST00000111955	152.00	-20.21	3 21	856 878	18
mmu-miR-741-3p	ENSMUST00000112264	154.00	-22.32	3 20	1,508 1,532	19
mmu-miR-741-3p	ENSMUST00000113011	150.00	-13.78	2 21	1,724 1,745	19
mmu-miR-741-3p	ENSMUST00000113054	147.00	-13.91	2 12	5,926 5,948	10
mmu-miR-741-3p	ENSMUST00000113326	156.00	-21.89	2 22	3,081 3,106	23
mmu-miR-741-3p	ENSMUST00000113326	143.00	-14.74	2 22	6,524 6,545	20
mmu-miR-741-3p	ENSMUST00000113406	145.00	-19.52	2 22	1,745 1,767	20
mmu-miR-741-3p	ENSMUST00000114918	158.00	-19.30	2 20	2,054 2,077	19
mmu-miR-741-3p	ENSMUST00000114945	149.00	-15.41	2 20	1,078 1,099	18
mmu-miR-741-3p	ENSMUST00000115274	147.00	-16.62	2 12	2,074 2,096	10
mmu-miR-741-3p	ENSMUST00000117944	140.00	-20.00	2 21	47 69	19
mmu-miR-741-3p	ENSMUST00000118483	140.00	-17.73	3 20	1,249 1,269	17
mmu-miR-741-3p	ENSMUST00000119365	141.00	-16.00	2 14	42 64	12
mmu-miR-741-3p	ENSMUST00000119685	154.00	-16.09	2 21	2,717 2,741	21
mmu-miR-741-3p	ENSMUST00000120310	156.00	-21.44	2 20	2,066 2,088	19
mmu-miR-741-3p	ENSMUST00000120310	147.00	-14.58	2 22	1,942 1,963	20
mmu-miR-741-3p	ENSMUST00000120717	140.00	-9.66	2 9	1,248 1,270	7
mmu-miR-741-3p	ENSMUST00000122356	145.00	-13.75	2 10	1,527 1,549	8
mmu-miR-741-3p	ENSMUST00000130214	150.00	-12.34	2 22	2,741 2,761	20
mmu-miR-741-3p	ENSMUST00000130214	145.00	-26.88	2 22	994 1,014	20
mmu-miR-741-3p	ENSMUST00000130214	142.00	-19.71	3 22	2,904 2,929	22
mmu-miR-741-3p	ENSMUST00000135526	158.00	-24.67	2 22	1,598 1,623	23
mmu-miR-741-3p	ENSMUST00000141553	150.00	-16.65	2 16	100 123	15
mmu-miR-741-3p	ENSMUST00000143582	146.00	-14.35	2 13	198 219	11
mmu-miR-741-3p	ENSMUST00000144189	148.00	-20.34	2 22	8,765 8,788	21
mmu-miR-741-3p	ENSMUST00000146282	140.00	-18.29	2 13	4,705 4,727	11
mmu-miR-741-3p	ENSMUST00000148252	155.00	-18.64	2 12	3,165 3,187	10
mmu-miR-741-3p	ENSMUST00000148252	145.00	-14.28	2 10	2,010 2,032	8
mmu-miR-741-3p	ENSMUST00000152387	155.00	-20.79	2 12	216 238	10
mmu-miR-741-3p						