



Title	MicroRNA expression profiling of cat and dog kidneys
Author(s)	Ichii, Osamu; Otsuka, Saori; Ohta, Hiroshi et al.
Citation	Research in Veterinary Science, 96(2), 299-303 https://doi.org/10.1016/j.rvsc.2014.01.003
Issue Date	2014-04
Doc URL	https://hdl.handle.net/2115/56453
Type	journal article
File Information	Supplemental table 1.pdf



Supplemental Table 1. Cat and dog kidney miRNAs

Gene ID (Mouse)	Accession (Mouse)	Cat renal cortex (raw)	Cat renal medulla (raw)	Dog renal cortex (raw)	Dog renal medulla (raw)	Cat renal cortex (normalized)	Cat renal medulla (normalized)	Dog renal cortex (normalized)	Dog renal medulla (normalized)	Entrez ID (Mouse)	DB Refs (Mouse)	Chromosome (Mouse)	End (Mouse)	Start (Mouse)	Strand
MI0000137 1	let-7g-5p	3220.0	18557.0	27833.0	40322.0	11.8	14.2	14.8	14.6	387249	miRBase:MI0000137 RFAM:RF000027	chr9	106081198	106081177	+
MI0000137 2	let-7g-3p	32.0	1.0	1.0	2.0	5.1	0.0	0.1	0.3	387249	miRBase:MI0000137 RFAM:RF000027	chr9	106081254	106081233	+
MI0000138 1	let-7i-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387251	miRBase:MI0000138 RFAM:RF000027	chr10	122422719	122422698	-
MI0000138 2	let-7i-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387251	miRBase:MI0000138 RFAM:RF000027	chr10	122422775	122422754	-
MI0000139 1	miR-1a-1-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387136	miRBase:MI0000139 RFAM:RF00103	chr2	180123784	180123762	+
MI0000139 2	miR-1a-3p	0.0	5.0	21.0	35.0	0.0	2.4	4.4	4.4	387136	miRBase:MI0000139 RFAM:RF00103	chr2	180123822	180123801	+
MI0000140 1	miR-15b-5p	1.0	440.0	942.0	1074.0	0.1	8.8	9.9	9.4	387175	miRBase:MI0000140	chr3	68813718	68813697	+
MI0000140 2	miR-15b-3p	4.0	6.0	24.0	27.0	2.1	2.6	4.6	4.0	387175	miRBase:MI0000140	chr3	68813756	68813735	+
MI0000141 1	miR-23b-5p	3.0	2.0	1.0	1.0	1.7	1.0	0.1	0.0	387217	miRBase:MI0000141	chr13	63401820	63401800	+
MI0000141 2	miR-23b-3p	1132.0	2153.0	6471.0	10026.0	10.3	11.1	12.7	12.6	387217	miRBase:MI0000141	chr13	63401857	63401837	+
MI0000142 1	miR-27b-5p	594.0	210.0	55.0	201.0	9.3	7.8	5.8	6.9	387221	miRBase:MI0000142	chr13	63402047	63402026	+
MI0000142 2	miR-27b-3p	374879.0	144619.0	94180.0	158290.0	18.6	17.2	16.6	16.6	387221	miRBase:MI0000142	chr13	63402088	63402068	+
MI0000143 1	miR-29b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387223	miRBase:MI0000143 RFAM:RF00074	chr6	31013047	31013025	-
MI0000143 2	miR-29b-1-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387223	miRBase:MI0000143 RFAM:RF00074	chr6	31013088	31013067	-
MI0000144 1	miR-30a-5p	37301.0	104758.0	75228.0	156417.0	15.3	16.7	16.3	16.5	387225	miRBase:MI0000144	chr1	23279134	23279113	+
MI0000144 2	miR-30a-3p	77323.0	13802.0	18997.0	30353.0	16.3	13.8	14.3	14.2	387225	miRBase:MI0000144	chr1	23279175	23279154	+
MI0000145 1	miR-30b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387226	miRBase:MI0000145	chr15	68169014	68168993	-
MI0000145 2	miR-30b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387226	miRBase:MI0000145	chr15	68169052	68169031	-
MI0000146 1	miR-99a-5p	16563.0	6983.0	12232.0	15066.0	14.1	12.8	13.6	13.2	387229	miRBase:MI0000146	chr16	77599206	77599185	+
MI0000146 2	miR-99a-3p	1.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	387229	miRBase:MI0000146	chr16	77599242	77599222	+
MI0000147 1	miR-99b-5p	98750.0	109277.0	42163.0	86895.0	16.7	16.8	15.4	15.7	387230	miRBase:MI0000147	chr17	17967179	17967158	+
MI0000147 2	miR-99b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387230	miRBase:MI0000147	chr17	17967217	17967196	+
MI0000148 1	miR-101a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387143	miRBase:MI0000148	chr4	101019582	101019562	-
MI0000148 2	miR-101a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387143	miRBase:MI0000148	chr4	101019619	101019598	-
MI0000150 1	miR-124-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723951	miRBase:MI0000150	chr2	180628771	180628750	+
MI0000150 2	miR-124-3p	1.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	723951	miRBase:MI0000150	chr2	180628807	180628788	+
MI0000151 1	miR-125a-5p	1339.0	28750.0	5574.0	16646.0	10.5	14.9	12.5	13.3	387235	miRBase:MI0000151	chr17	17967804	17967781	+
MI0000151 2	miR-125a-3p	58.0	35.0	41.0	95.0	6.0	5.2	5.4	5.9	387235	miRBase:MI0000151	chr17	17967840	17967819	+
MI0000152 1	miR-125b-5p	3953.0	15294.0	16496.0	26306.0	12.1	14.0	14.1	14.0	723952	miRBase:MI0000152 RFAM:RF00052	chr16	77646545	77646524	+
MI0000152 2	miR-125b-2-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723952	miRBase:MI0000152 RFAM:RF00052	chr16	77646584	77646563	+
MI0000153 1	miR-126-5p	58515.0	102326.0	91044.0	198619.0	15.9	16.7	16.5	16.9	387145	miRBase:MI0000153	chr2	26446905	26446885	+
MI0000153 2	miR-126-3p	1294.0	11754.0	12184.0	26924.0	10.4	13.6	13.6	14.0	387145	miRBase:MI0000153	chr2	26446943	26446922	+
MI0000154 1	miR-127-5p	9.0	3.0	7.0	1.0	3.3	1.6	2.9	0.0	387146	miRBase:MI0000154	chr12	110831085	110831064	+
MI0000154 2	miR-127-3p	5454.0	4119.0	1051.0	1165.0	12.5	12.1	10.1	9.5	387146	miRBase:MI0000154	chr12	110831119	110831098	+
MI0000155 1	miR-128-1-5p	23.0	5.0	17.0	34.0	4.6	2.4	4.1	4.4	387147	miRBase:MI0000155	chr1	130098966	130098946	+
MI0000155 2	miR-128-3p	3366.0	677.0	1453.0	1950.0	11.8	9.5	10.6	10.2	387147	miRBase:MI0000155	chr1	130099001	130098981	+
MI0000156 1	miR-130a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387149	miRBase:MI0000156	chr2	84581294	84581273	-
MI0000156 2	miR-130a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387149	miRBase:MI0000156	chr2	84581333	84581312	-
MI0000157 1	miR-9-5p	151.0	3189.0	799.0	5626.0	7.3	11.7	9.7	11.7	723967	miRBase:MI0000157	chr13	83878448	83878426	+
MI0000157 2	miR-9-3p	0.0	12.0	31.0	43.0	0.0	3.6	5.0	4.7	723967	miRBase:MI0000157	chr13	83878484	83878463	+
MI0000158 1	miR-132-5p	0.0	1.0	0.0	13.0	0.0	0.0	0.0	3.0	387150	miRBase:MI0000158	chr11	74987209	74987188	+
MI0000158 2	miR-132-3p	4.0	65.0	401.0	2714.0	2.1	6.1	8.7	10.7	387150	miRBase:MI0000158	chr11	74987246	74987225	+
MI0000159 1	miR-133a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387151	miRBase:MI0000159	chr18	10782932	10782911	-
MI0000159 2	miR-133a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387151	miRBase:MI0000159	chr18	10782968	10782948	-
MI0000160 1	miR-134-5p	3.0	3.0	40.0	17.0	1.7	1.6	5.4	3.4	387152	miRBase:MI0000160	chr12	110972376	110972355	+
MI0000160 2	miR-134-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387152	miRBase:MI0000160	chr12	110972413	110972394	+
MI0000161 1	miR-135a-5p	5.0	50.0	98.0	341.0	2.4	5.7	6.7	7.7	387153	miRBase:MI0000161	chr9	106056493	106056471	+
MI0000161 2	miR-135a-1-3	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	387153	miRBase:MI0000161	chr9	106056531	106056510	+
MI0000162 1	miR-136-5p	20.0	13.0	1.0	1.0	4.4	3.8	0.1	0.0	387154	miRBase:MI0000162	chr12	110833562	110833541	+
MI0000162 2	miR-136-3p	3.0	11.0	0.0	3.0	1.7	3.5	0.0	0.9	387154	miRBase:MI0000162	chr12	110833597	110833576	+
MI0000163 1	miR-137-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387155	miRBase:MI0000163	chr3	118136805	118136783	+
MI0000163 2	miR-137-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387155	miRBase:MI0000163	chr3	118136841	118136819	+

MI0000164	1	miR-138-5p	201.0	118.0	213.0	295.0	7.8	6.9	7.8	7.5	723956	miRBase:MI0000164	chr8	96848234	96848212	+
MI0000164	2	miR-138-2-3p	0.0	0.0	1.0	1.0	0.0	0.0	0.1	0.0	723956	miRBase:MI0000164	chr8	96848279	96848259	+
MI0000165	1	miR-140-5p	98.0	174.0	487.0	368.0	6.7	7.5	9.0	7.8	387158	miRBase:MI0000165	chr8	110075170	110075149	+
MI0000165	2	miR-140-3p	52.0	127.0	73.0	73.0	5.8	7.0	6.2	5.5	387158	miRBase:MI0000165	chr8	110075208	110075188	+
MI0000166	1	miR-141-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387159	miRBase:MI0000166	chr6	124667956	124667935	-
MI0000166	2	miR-141-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387159	miRBase:MI0000166	chr6	124667998	124667977	-
MI0000167	1	miR-142-5p	52.0	629.0	4376.0	2047.0	5.8	9.3	12.1	10.3	387160	miRBase:MI0000167	chr11	87570389	87570369	+
MI0000167	2	miR-142-3p	4.0	98.0	621.0	251.0	2.1	6.7	9.3	7.3	387160	miRBase:MI0000167	chr11	87570427	87570405	+
MI0000168	1	miR-144-5p	0.0	50.0	28.0	93.0	0.0	5.7	4.9	5.8	387162	miRBase:MI0000168	chr11	77886534	77886512	+
MI0000168	2	miR-144-3p	11.0	21.0	105.0	180.0	3.6	4.4	6.8	6.8	387162	miRBase:MI0000168	chr11	77886568	77886549	+
MI0000169	1	miR-145-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387163	miRBase:MI0000169	chr18	61807502	61807481	-
MI0000169	2	miR-145-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387163	miRBase:MI0000169	chr18	61807542	61807520	-
MI0000170	1	miR-146a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387164	miRBase:MI0000170	chr11	43187922	43187901	-
MI0000170	2	miR-146a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387164	miRBase:MI0000170	chr11	43187958	43187937	-
MI0000171	1	miR-149-5p	747.0	272.0	323.0	267.0	9.7	8.1	8.4	7.3	387167	miRBase:MI0000171	chr1	94746980	94746958	+
MI0000171	2	miR-149-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387167	miRBase:MI0000171	chr1	94747019	94746998	+
MI0000172	1	miR-150-5p	14.0	267.0	1794.0	564.0	3.9	8.1	10.9	8.4	387168	miRBase:MI0000172	chr7	52377153	52377132	+
MI0000172	2	miR-150-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387168	miRBase:MI0000172	chr7	52377189	52377168	+
MI0000173	1	miR-151-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387169	miRBase:MI0000173	chr15	73085270	73085250	-
MI0000173	2	miR-151-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387169	miRBase:MI0000173	chr15	73085305	73085285	-
MI0000174	1	miR-152-5p	2.0	1.0	1.0	2.0	1.1	0.0	0.1	0.3	387170	miRBase:MI0000174	chr11	96711737	96711714	+
MI0000174	2	miR-152-3p	1071.0	356.0	601.0	730.0	10.2	8.5	9.3	8.8	387170	miRBase:MI0000174	chr11	96711773	96711753	+
MI0000175	1	miR-153-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387171	miRBase:MI0000175	chr12	118489316	118489300	+
MI0000175	2	miR-153-3p	14.0	79.0	30.0	107.0	3.9	6.4	5.0	6.0	387171	miRBase:MI0000175	chr12	118489354	118489333	+
MI0000176	1	miR-154-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387172	miRBase:MI0000176	chr12	110976669	110976648	+
MI0000176	2	miR-154-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387172	miRBase:MI0000176	chr12	110976705	110976684	+
MI0000177	1	miR-155-5p	1.0	1.0	0.0	0.0	0.1	0.0	0.0	0.0	387173	miRBase:MI0000177	chr16	84714410	84714388	+
MI0000177	2	miR-155-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387173	miRBase:MI0000177	chr16	84714447	84714427	+
MI0000221	1	miR-10b-5p	122727.0	382702.0	328850.0	620912.0	17.0	18.6	18.4	18.5	387144	miRBase:MI0000221 RFAM:RF00104	chr2	74564153	74564131	+
MI0000221	2	miR-10b-3p	6.0	15.0	35.0	53.0	2.7	4.0	5.2	5.0	387144	miRBase:MI0000221 RFAM:RF00104	chr2	74564192	74564171	+
MI0000222	1	miR-129-5p	1097.0	28.0	40.0	323.0	10.2	4.9	5.4	7.6	387237	miRBase:MI0000222	chr6	28972644	28972624	+
MI0000222	2	miR-129-1-3p	5.0	3.0	16.0	9.0	2.4	1.6	4.1	2.5	387237	miRBase:MI0000222	chr6	28972688	28972667	+
MI0000223	1	miR-181a-5p	199292.0	344238.0	121821.0	340285.0	17.7	18.4	16.9	17.7	387176	miRBase:MI0000223	chr2	38708283	38708261	+
MI0000223	2	miR-181a-2-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387176	miRBase:MI0000223	chr2	38708329	38708308	+
MI0000224	1	miR-182-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387177	miRBase:MI0000224	chr6	30115943	30115923	-
MI0000224	2	miR-182-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387177	miRBase:MI0000224	chr6	30115986	30115962	-
MI0000225	1	miR-183-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387178	miRBase:MI0000225	chr6	30119693	30119672	-
MI0000225	2	miR-183-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387178	miRBase:MI0000225	chr6	30119732	30119711	-
MI0000226	1	miR-184-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387179	miRBase:MI0000226	chr9	89697122	89697101	-
MI0000226	2	miR-184-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387179	miRBase:MI0000226	chr9	89697161	89697140	-
MI0000227	1	miR-185-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387180	miRBase:MI0000227	chr16	18327518	18327498	-
MI0000227	2	miR-185-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387180	miRBase:MI0000227	chr16	18327552	18327531	-
MI0000228	1	miR-186-5p	24630.0	40241.0	54024.0	84987.0	14.7	15.3	15.8	15.7	387181	miRBase:MI0000228	chr3	157207270	157207249	+
MI0000228	2	miR-186-3p	24.0	13.0	6.0	5.0	4.7	3.8	2.6	1.6	387181	miRBase:MI0000228	chr3	157207309	157207288	+
MI0000229	1	miR-187-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387182	miRBase:MI0000229	chr18	24587632	24587611	-
MI0000229	2	miR-187-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387182	miRBase:MI0000229	chr18	24587669	24587648	-
MI0000230	1	miR-188-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387183	miRBase:MI0000230	chrX	6825138	6825118	-
MI0000230	2	miR-188-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387183	miRBase:MI0000230	chrX	6825177	6825157	-
MI0000231	1	miR-24-1-5p	39.0	38.0	19.0	13.0	5.4	5.3	4.3	3.0	387142	miRBase:MI0000231	chr13	63402543	63402521	+
MI0000231	2	miR-24-3p	269.0	583.0	889.0	1647.0	8.2	9.2	9.9	10.0	387142	miRBase:MI0000231	chr13	63402580	63402559	+
MI0000232	1	miR-190-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387185	miRBase:MI0000232	chr9	67084492	67084471	-
MI0000232	2	miR-190-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387185	miRBase:MI0000232	chr9	67084528	67084507	-
MI0000233	1	miR-191-5p	92156.0	107720.0	158618.0	205454.0	16.6	16.8	17.3	16.9	387186	miRBase:MI0000233	chr9	108470678	108470656	+
MI0000233	2	miR-191-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387186	miRBase:MI0000233	chr9	108470719	108470698	+
MI0000235	1	miR-193-5p	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	387188	miRBase:MI0000235	chr11	79525498	79525477	+
MI0000235	2	miR-193-3p	2173.0	2995.0	3532.0	5218.0	11.2	11.6	11.8	11.6	387188	miRBase:MI0000235	chr11	79525532	79525511	+

MI0000236	1	miR-194-5p	654.0	600.0	12803.0	10247.0	9.5	9.3	13.7	12.6	387189	miRBase:MI0000236	chr1	187137225	187137204	+
MI0000236	2	miR-194-1-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387189	miRBase:MI0000236	chr1	187137260	187137239	+
MI0000237	1	miR-195-5p	11.0	1132.0	2168.0	2749.0	3.6	10.2	11.1	10.7	387190	miRBase:MI0000237	chr11	70048584	70048564	+
MI0000237	2	miR-195-3p	75.0	43.0	91.0	113.0	6.3	5.5	6.6	6.1	387190	miRBase:MI0000237	chr11	70048623	70048602	+
MI0000241	1	miR-199a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387194	miRBase:MI0000241	chr9	21300963	21300942	-
MI0000241	2	miR-199a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387194	miRBase:MI0000241	chr9	21301003	21300981	-
MI0000243	1	miR-200b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387243	miRBase:MI0000243	chr4	155429815	155429794	-
MI0000243	2	miR-200b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387243	miRBase:MI0000243	chr4	155429851	155429830	-
MI0000244	1	miR-201-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387197	miRBase:MI0000244	chrX	65241296	65241274	-
MI0000244	2	miR-201-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387197	miRBase:MI0000244	chrX	65241331	65241310	-
MI0000245	1	miR-202-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387198	miRBase:MI0000245	chr7	147143615	147143594	-
MI0000245	2	miR-202-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387198	miRBase:MI0000245	chr7	147143651	147143631	-
MI0000246	1	miR-203-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387199	miRBase:MI0000246	chr12	113369121	113369100	+
MI0000246	2	miR-203-3p	40.0	366.0	240.0	1654.0	5.4	8.6	8.0	10.0	387199	miRBase:MI0000246	chr12	113369159	113369138	+
MI0000247	1	miR-204-5p	302681.0	19022.0	154754.0	57123.0	18.3	14.3	17.3	15.1	387200	miRBase:MI0000247	chr19	22825121	22825100	+
MI0000247	2	miR-204-3p	229.0	14.0	79.0	15.0	7.9	3.9	6.4	3.2	387200	miRBase:MI0000247	chr19	22825159	22825139	+
MI0000248	1	miR-205-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387201	miRBase:MI0000248	chr1	195333682	195333661	-
MI0000248	2	miR-205-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387201	miRBase:MI0000248	chr1	195333718	195333697	-
MI0000249	1	miR-206-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387202	miRBase:MI0000249	chr1	20669120	20669098	+
MI0000249	2	miR-206-3p	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	387202	miRBase:MI0000249	chr1	20669157	20669136	+
MI0000250	1	miR-207	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387203	miRBase:MI0000250	chr4	40670023	40670001	+
MI0000256	1	miR-122-5p	0.0	0.0	3.0	1.0	0.0	0.0	1.6	0.0	387231	miRBase:MI0000256	chr18	65408541	65408520	+
MI0000256	2	miR-122-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387231	miRBase:MI0000256	chr18	65408574	65408555	+
MI0000257	1	miR-143-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387161	miRBase:MI0000257	chr18	61808873	61808853	-
MI0000257	2	miR-143-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387161	miRBase:MI0000257	chr18	61808907	61808887	-
MI0000259	1	miR-30e-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723836	miRBase:MI0000259	chr4	120445244	120445223	-
MI0000259	2	miR-30e-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723836	miRBase:MI0000259	chr4	120445286	120445265	-
MI0000388	1	miR-290-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000497	miRBase:MI0000388	chr7	3218661	3218640	+
MI0000388	2	miR-290-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000497	miRBase:MI0000388	chr7	3218698	3218675	+
MI0000389	1	miR-291a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000497	miRBase:MI0000389	chr7	3218954	3218933	+
MI0000389	2	miR-291a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000497	miRBase:MI0000389	chr7	3218990	3218969	+
MI0000390	1	miR-292-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000497	miRBase:MI0000390	chr7	3219222	3219201	+
MI0000390	2	miR-292-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000497	miRBase:MI0000390	chr7	3219262	3219239	+
MI0000391	1	miR-293-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000497	miRBase:MI0000391	chr7	3220378	3220357	+
MI0000391	2	miR-293-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000497	miRBase:MI0000391	chr7	3220412	3220391	+
MI0000392	1	miR-294-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000497	miRBase:MI0000392	chr7	3220677	3220656	+
MI0000392	2	miR-294-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000497	miRBase:MI0000392	chr7	3220713	3220692	+
MI0000393	1	miR-295-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000497	miRBase:MI0000393	chr7	3220801	3220780	+
MI0000393	2	miR-295-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000497	miRBase:MI0000393	chr7	3220838	3220816	+
MI0000394	1	miR-296-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723906	miRBase:MI0000394	chr2	174092580	174092559	-
MI0000394	2	miR-296-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723906	miRBase:MI0000394	chr2	174092614	174092594	-
MI0000395	1	miR-297a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723831	miRBase:MI0000395	chr7	11543847	11543826	-
MI0000397	1	miR-297a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723945	miRBase:MI0000397	chr2	10393912	10393891	+
MI0000398	1	miR-298-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723832	miRBase:MI0000398	chr2	174093036	174093015	-
MI0000398	2	miR-298-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723832	miRBase:MI0000398	chr2	174093076	174093054	-
MI0000399	1	miR-299-5p	0.0	13.0	32.0	8.0	0.0	3.8	5.1	2.3	723927	miRBase:MI0000399	chr12	110948875	110948854	+
MI0000399	2	miR-299-3p	0.0	28.0	34.0	8.0	0.0	4.9	5.1	2.3	723927	miRBase:MI0000399	chr12	110948907	110948886	+
MI0000400	1	miR-300-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723833	miRBase:MI0000400	chr12	110962549	110962528	+
MI0000400	2	miR-300-3p	0.0	2.0	1.0	5.0	0.0	1.0	0.1	1.6	723833	miRBase:MI0000400	chr12	110962594	110962573	+
MI0000401	1	miR-301a-5p	0.0	4.0	4.0	13.0	0.0	2.0	2.1	3.0	723834	miRBase:MI0000401	chr11	86926540	86926519	+
MI0000401	2	miR-301a-3p	568.0	1883.0	3115.0	5282.0	9.3	10.9	11.7	11.6	723834	miRBase:MI0000401	chr11	86926578	86926556	+
MI0000402	1	miR-302a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723920	miRBase:MI0000402	chr3	127248440	127248419	+
MI0000402	2	miR-302a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723920	miRBase:MI0000402	chr3	127248479	127248457	+
MI0000403	1	miR-34c-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723932	miRBase:MI0000403	chr9	50911170	50911149	-
MI0000403	2	miR-34c-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723932	miRBase:MI0000403	chr9	50911203	50911181	-
MI0000404	1	miR-34b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723849	miRBase:MI0000404	chr9	50911700	50911679	-

MI0000404	2	miR-34b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723849	miRBase:MI0000404	chr9	50911737	50911715	-
MI0000405	1	let-7d-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387247	miRBase:MI0000405	chr13	48631414	48631393	-
MI0000405	2	let-7d-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387247	miRBase:MI0000405	chr13	48631468	48631447	-
MI0000406	1	miR-106a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723829	miRBase:MI0000406	chrX	50095704	50095682	-
MI0000406	2	miR-106a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723829	miRBase:MI0000406	chrX	50095740	50095718	-
MI0000407	1	miR-106b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723925	miRBase:MI0000407	chr5	138606995	138606974	-
MI0000407	2	miR-106b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723925	miRBase:MI0000407	chr5	138607035	138607015	-
MI0000408	1	miR-130b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723816	miRBase:MI0000408	chr16	17124185	17124164	-
MI0000408	2	miR-130b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723816	miRBase:MI0000408	chr16	17124223	17124202	-
MI0000546	1	miR-19b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387195	miRBase:MI0000546	chrX	50095190	50095168	-
MI0000546	2	miR-19b-2-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387195	miRBase:MI0000546	chrX	50095233	50095210	-
MI0000547	1	miR-30c-1-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387227	miRBase:MI0000547	chr4	120442172	120442151	-
MI0000547	2	miR-30c-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387227	miRBase:MI0000547	chr4	120442211	120442189	-
MI0000548	1	miR-30c-5p	2829.0	32580.0	29008.0	41949.0	11.6	15.0	14.9	14.6	723964	miRBase:MI0000548	chr1	23298575	23298553	+
MI0000548	2	miR-30c-2-3p	6388.0	1391.0	2934.0	3983.0	12.8	10.5	11.6	11.2	723964	miRBase:MI0000548	chr1	23298614	23298593	+
MI0000549	1	miR-30d-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387228	miRBase:MI0000549	chr15	68172800	68172779	-
MI0000549	2	miR-30d-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387228	miRBase:MI0000549	chr15	68172840	68172819	-
MI0000550	1	miR-148a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387166	miRBase:MI0000550	chr6	51219849	51219828	-
MI0000550	2	miR-148a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387166	miRBase:MI0000550	chr6	51219887	51219866	-
MI0000551	1	miR-192-5p	431298.0	6858.0	302763.0	274850.0	18.8	12.8	18.3	17.4	387187	miRBase:MI0000551	chr19	6264877	6264857	+
MI0000551	2	miR-192-3p	26.0	0.0	77.0	52.0	4.8	0.0	6.3	5.0	387187	miRBase:MI0000551	chr19	6264921	6264900	+
MI0000552	1	miR-196a-5p	2926.0	8090.0	3512.0	10595.0	11.6	13.0	11.8	12.7	387191	miRBase:MI0000552	chr11	96126522	96126501	+
MI0000552	2	miR-196a-1-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387191	miRBase:MI0000552	chr11	96126560	96126539	+
MI0000553	1	miR-196a-5p	2926.0	8090.0	3512.0	10595.0	11.6	13.0	11.8	12.7	723958	miRBase:MI0000553	chr15	102803817	102803796	+
MI0000553	2	miR-196a-2-3	130.0	155.0	49.0	219.0	7.1	7.3	5.7	7.1	723958	miRBase:MI0000553	chr15	102803853	102803832	+
MI0000554	1	miR-200a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387242	miRBase:MI0000554	chr4	155429041	155429020	-
MI0000554	2	miR-200a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387242	miRBase:MI0000554	chr4	155429079	155429058	-
MI0000555	1	miR-208a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387204	miRBase:MI0000555	chr14	55567930	55567909	-
MI0000555	2	miR-208a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387204	miRBase:MI0000555	chr14	55567965	55567944	-
MI0000556	1	let-7a-1-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387244	miRBase:MI0000556	chr13	48633578	48633557	-
MI0000556	2	let-7a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387244	miRBase:MI0000556	chr13	48633629	48633608	-
MI0000557	1	let-7a-5p	955.0	69062.0	70241.0	126565.0	10.0	16.1	16.2	16.2	723965	miRBase:MI0000557	chr9	41344836	41344815	+
MI0000557	2	let-7a-2-3p	0.0	1.0	0.0	2.0	0.0	0.0	0.0	0.3	723965	miRBase:MI0000557	chr9	41344880	41344860	+
MI0000558	1	let-7b-5p	17335.0	8899.0	19987.0	30871.0	14.2	13.2	14.3	14.2	387245	miRBase:MI0000558	chr15	85537776	85537755	+
MI0000558	2	let-7b-3p	62.0	109.0	338.0	627.0	6.1	6.8	8.5	8.6	387245	miRBase:MI0000558	chr15	85537830	85537809	+
MI0000559	1	let-7c-5p	7369.0	7142.0	31694.0	29694.0	13.0	12.9	15.0	14.1	387246	miRBase:MI0000559	chr16	77599938	77599917	+
MI0000559	2	let-7c-1-3p	13.0	5.0	27.0	20.0	3.8	2.4	4.8	3.6	387246	miRBase:MI0000559	chr16	77599983	77599962	+
MI0000560	1	let-7c-5p	7369.0	7142.0	31694.0	29694.0	13.0	12.9	15.0	14.1	723966	miRBase:MI0000560	chr15	85537067	85537046	+
MI0000560	2	let-7c-2-3p	888.0	335.0	798.0	1113.0	9.9	8.4	9.7	9.4	723966	miRBase:MI0000560	chr15	85537115	85537094	+
MI0000561	1	let-7e-5p	153.0	8121.0	8537.0	13490.0	7.4	13.0	13.1	13.0	387248	miRBase:MI0000561	chr17	17967351	17967330	+
MI0000561	2	let-7e-3p	31.0	88.0	117.0	165.0	5.1	6.5	6.9	6.6	387248	miRBase:MI0000561	chr17	17967396	17967375	+
MI0000562	1	let-7f-1-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387252	miRBase:MI0000562	chr13	48633223	48633202	-
MI0000562	2	let-7f-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387252	miRBase:MI0000562	chr13	48633279	48633258	-
MI0000563	1	let-7f-5p	4370.0	87533.0	101327.0	152258.0	12.2	16.5	16.7	16.5	387253	miRBase:MI0000563	chrX	148346917	148346896	+
MI0000563	2	let-7f-2-3p	21.0	2.0	16.0	6.0	4.5	1.0	4.1	1.9	387253	miRBase:MI0000563	chrX	148346966	148346946	+
MI0000564	1	miR-15a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387174	miRBase:MI0000564	chr14	62250896	62250875	-
MI0000564	2	miR-15a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387174	miRBase:MI0000564	chr14	62250933	62250912	-
MI0000565	1	miR-16-1-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387134	miRBase:MI0000565	chr14	62250752	62250731	-
MI0000565	2	miR-16-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387134	miRBase:MI0000565	chr14	62250794	62250773	-
MI0000566	1	miR-16-5p	90.0	26937.0	34453.0	36429.0	6.6	14.8	15.1	14.4	723949	miRBase:MI0000566	chr3	68813861	68813840	+
MI0000566	2	miR-16-2-3p	12.0	7.0	17.0	9.0	3.7	2.9	4.1	2.5	723949	miRBase:MI0000566	chr3	68813903	68813882	+
MI0000567	1	miR-18a-5p	1.0	35.0	218.0	121.0	0.1	5.2	7.8	6.2	387135	miRBase:MI0000567	chr14	115443111	115443089	+
MI0000567	2	miR-18a-3p	12.0	2.0	11.0	9.0	3.7	1.0	3.5	2.5	387135	miRBase:MI0000567	chr14	115443151	115443130	+
MI0000568	1	miR-20a-5p	1.0	1226.0	2568.0	3484.0	0.1	10.3	11.4	11.0	387139	miRBase:MI0000568	chr14	115443427	115443405	+
MI0000568	2	miR-20a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387139	miRBase:MI0000568	chr14	115443462	115443441	+
MI0000569	1	miR-21-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387140	miRBase:MI0000569	chr11	86397605	86397584	-

MI0000569	2	miR-21-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387140	miRBase:MI0000569	chr11	86397643	86397622	-
MI0000570	1	miR-22-5p	795.0	108.0	531.0	399.0	9.7	6.8	9.1	7.9	387141	miRBase:MI0000570	chr11	75277257	75277236	+
MI0000570	2	miR-22-3p	560330.0	170795.0	256346.0	317123.0	19.2	17.4	18.0	17.6	387141	miRBase:MI0000570	chr11	75277295	75277274	+
MI0000571	1	miR-23a-5p	1.0	0.0	2.0	0.0	0.1	0.0	1.1	0.0	387216	miRBase:MI0000571	chr8	86732447	86732426	+
MI0000571	2	miR-23a-3p	3077.0	3482.0	6360.0	18088.0	11.7	11.8	12.7	13.4	387216	miRBase:MI0000571	chr8	86732482	86732462	+
MI0000572	1	miR-24-2-5p	0.0	2.0	0.0	2.0	0.0	1.0	0.0	0.3	723960	miRBase:MI0000572	chr8	86732759	86732738	+
MI0000572	2	miR-24-3p	269.0	583.0	889.0	1647.0	8.2	9.2	9.9	10.0	723960	miRBase:MI0000572	chr8	86732795	86732774	+
MI0000573	1	miR-26a-5p	26532.0	494836.0	291735.0	650599.0	14.8	19.0	18.2	18.6	387218	miRBase:MI0000573	chr9	118940950	118940929	+
MI0000573	2	miR-26a-1-3p	124.0	12.0	77.0	48.0	7.1	3.6	6.3	4.9	387218	miRBase:MI0000573	chr9	118940989	118940968	+
MI0000575	1	miR-26b-5p	958.0	8864.0	6793.0	13841.0	10.0	13.2	12.8	13.0	387219	miRBase:MI0000575	chr1	74440918	74440898	+
MI0000575	2	miR-26b-3p	425.0	120.0	179.0	232.0	8.8	7.0	7.5	7.1	387219	miRBase:MI0000575	chr1	74440955	74440934	+
MI0000576	1	miR-29a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387222	miRBase:MI0000576	chr6	31012694	31012673	-
MI0000576	2	miR-29a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387222	miRBase:MI0000576	chr6	31012732	31012711	-
MI0000577	1	miR-29c-5p	187.0	66.0	220.0	177.0	7.7	6.1	7.8	6.8	387224	miRBase:MI0000577	chr1	196863777	196863756	+
MI0000577	2	miR-29c-3p	348.0	2441.0	3658.0	6556.0	8.6	11.3	11.9	12.0	387224	miRBase:MI0000577	chr1	196863815	196863794	+
MI0000578	1	miR-27a-5p	39.0	16.0	16.0	83.0	5.4	4.0	4.1	5.7	387220	miRBase:MI0000578	chr8	86732605	86732584	+
MI0000578	2	miR-27a-3p	2750.0	4191.0	5741.0	10988.0	11.5	12.1	12.5	12.7	387220	miRBase:MI0000578	chr8	86732646	86732626	+
MI0000579	1	miR-31-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723895	miRBase:MI0000579	chr4	88556503	88556481	-
MI0000579	2	miR-31-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723895	miRBase:MI0000579	chr4	88556539	88556518	-
MI0000580	1	miR-92a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723942	miRBase:MI0000580	chrX	50095051	50095031	-
MI0000580	2	miR-92a-2-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723942	miRBase:MI0000580	chrX	50095090	50095069	-
MI0000581	1	miR-93-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723885	miRBase:MI0000581	chr5	138606785	138606764	-
MI0000581	2	miR-93-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723885	miRBase:MI0000581	chr5	138606824	138606802	-
MI0000583	1	miR-96-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723886	miRBase:MI0000583	chr6	30119486	30119465	-
MI0000583	2	miR-96-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723886	miRBase:MI0000583	chr6	30119528	30119506	-
MI0000584	1	miR-34a-5p	2676.0	1223.0	472.0	1653.0	11.5	10.3	8.9	10.0	723848	miRBase:MI0000584	chr4	149442603	149442582	+
MI0000584	2	miR-34a-3p	0.0	8.0	1.0	5.0	0.0	3.0	0.1	1.6	723848	miRBase:MI0000584	chr4	149442646	149442626	+
MI0000585	1	miR-129-2-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723953	miRBase:MI0000585	chr2	94081554	94081533	-
MI0000585	2	miR-129-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723953	miRBase:MI0000585	chr2	94081596	94081576	-
MI0000586	1	miR-98-5p	2342.0	3277.0	14067.0	8352.0	11.3	11.7	13.8	12.3	723947	miRBase:MI0000586	chrX	148347793	148347772	+
MI0000586	2	miR-98-3p	213.0	20.0	141.0	129.0	7.8	4.4	7.2	6.3	723947	miRBase:MI0000586	chrX	148347851	148347830	+
MI0000587	1	miR-103-1-5p	0.0	0.0	2.0	2.0	0.0	0.0	1.1	0.3	723824	miRBase:MI0000587	chr11	35595934	35595912	+
MI0000587	2	miR-103-3p	13966.0	9890.0	21224.0	21530.0	13.9	13.3	14.4	13.7	723824	miRBase:MI0000587	chr11	35595971	35595949	+
MI0000588	1	miR-103-2-5p	11.0	3.0	10.0	3.0	3.6	1.6	3.4	0.9	723825	miRBase:MI0000588	chr2	131113824	131113802	+
MI0000588	2	miR-103-3p	13966.0	9890.0	21224.0	21530.0	13.9	13.3	14.4	13.7	723825	miRBase:MI0000588	chr2	131113861	131113839	+
MI0000590	1	miR-322-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723907	miRBase:MI0000590	chrX	50407466	50407446	-
MI0000590	2	miR-322-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723907	miRBase:MI0000590	chrX	50407504	50407483	-
MI0000592	1	miR-323-5p	0.0	0.0	1.0	0.0	0.0	0.0	0.1	0.0	723839	miRBase:MI0000592	chr12	110950754	110950733	+
MI0000592	2	miR-323-3p	1.0	6.0	144.0	16.0	0.1	2.6	7.2	3.3	723839	miRBase:MI0000592	chr12	110950788	110950768	+
MI0000595	1	miR-324-5p	264.0	42.0	308.0	221.0	8.2	5.4	8.3	7.1	723896	miRBase:MI0000595	chr11	69825584	69825562	+
MI0000595	2	miR-324-3p	18.0	0.0	2.0	0.0	4.3	0.0	1.1	0.0	723896	miRBase:MI0000595	chr11	69825616	69825597	+
MI0000597	1	miR-325-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723929	miRBase:MI0000597	chrX	102574465	102574444	-
MI0000597	2	miR-325-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723929	miRBase:MI0000597	chrX	102574503	102574481	-
MI0000598	1	miR-326-5p	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	723840	miRBase:MI0000598	chr7	106700821	106700798	+
MI0000598	2	miR-326-3p	1001.0	487.0	430.0	266.0	10.1	9.0	8.8	7.3	723840	miRBase:MI0000598	chr7	106700858	106700838	+
MI0000603	1	miR-328-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723841	miRBase:MI0000603	chr8	107832300	107832279	-
MI0000603	2	miR-328-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723841	miRBase:MI0000603	chr8	107832340	107832319	-
MI0000605	1	miR-329-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723842	miRBase:MI0000605	chr12	110951734	110951713	+
MI0000605	2	miR-329-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723842	miRBase:MI0000605	chr12	110951772	110951751	+
MI0000607	1	miR-330-5p	37.0	24.0	12.0	41.0	5.3	4.6	3.6	4.6	724063	miRBase:MI0000607	chr7	19766856	19766835	+
MI0000607	2	miR-330-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	724063	miRBase:MI0000607	chr7	19766896	19766874	+
MI0000609	1	miR-331-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723908	miRBase:MI0000609	chr10	93426548	93426528	-
MI0000609	2	miR-331-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723908	miRBase:MI0000609	chr10	93426583	93426562	-
MI0000615	1	miR-337-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723843	miRBase:MI0000615	chr12	110824045	110824025	+
MI0000615	2	miR-337-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723843	miRBase:MI0000615	chr12	110824079	110824059	+
MI0000617	1	miR-148b-5p	21.0	137.0	253.0	283.0	4.5	7.1	8.0	7.4	724064	miRBase:MI0000617	chr15	103115602	103115579	+

MI0000617	2	miR-148b-3p	7312.0	1693.0	6243.0	6316.0	12.9	10.8	12.7	11.9	724064	miRBase:MI0000617	chr15	103115637	103115616	+
MI0000619	1	miR-338-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723844	miRBase:MI0000619	chr11	119876116	119876095	-
MI0000619	2	miR-338-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723844	miRBase:MI0000619	chr11	119876151	119876130	-
MI0000621	1	miR-339-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723898	miRBase:MI0000621	chr5	139845649	139845627	-
MI0000621	2	miR-339-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723898	miRBase:MI0000621	chr5	139845684	139845662	-
MI0000623	1	miR-340-5p	38.0	1132.0	4464.0	4120.0	5.4	10.2	12.2	11.3	723845	miRBase:MI0000623	chr11	49883243	49883222	+
MI0000623	2	miR-340-3p	0.0	11.0	38.0	53.0	0.0	3.5	5.3	5.0	723845	miRBase:MI0000623	chr11	49883285	49883264	+
MI0000625	1	miR-341-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723846	miRBase:MI0000625	chr12	110849751	110849731	+
MI0000625	2	miR-341-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723846	miRBase:MI0000625	chr12	110849786	110849766	+
MI0000627	1	miR-342-5p	0.0	0.0	4.0	1.0	0.0	0.0	2.1	0.0	723909	miRBase:MI0000627	chr12	109896869	109896848	+
MI0000627	2	miR-342-3p	1248.0	1022.0	956.0	738.0	10.4	10.0	10.0	8.8	723909	miRBase:MI0000627	chr12	109896912	109896890	+
MI0000630	1	miR-344-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723931	miRBase:MI0000630	chr7	69022690	69022668	-
MI0000630	2	miR-344-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723931	miRBase:MI0000630	chr7	69022730	69022705	-
MI0000632	1	miR-345-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723946	miRBase:MI0000632	chr12	110075220	110075199	+
MI0000632	2	miR-345-3p	5.0	0.0	1.0	1.0	2.4	0.0	0.1	0.0	723946	miRBase:MI0000632	chr12	110075258	110075237	+
MI0000634	1	miR-346-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723847	miRBase:MI0000634	chr14	35707832	35707810	+
MI0000634	2	miR-346-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723847	miRBase:MI0000634	chr14	35707869	35707848	+
MI0000640	1	miR-350-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723921	miRBase:MI0000640	chr1	178702494	178702473	-
MI0000640	2	miR-350-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723921	miRBase:MI0000640	chr1	178702531	178702513	-
MI0000643	1	miR-351-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723910	miRBase:MI0000643	chrX	50406473	50406453	-
MI0000643	2	miR-351-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723910	miRBase:MI0000643	chrX	50406515	50406492	-
MI0000646	1	miR-135b-5p	0.0	0.0	109.0	94.0	0.0	0.0	6.8	5.8	723818	miRBase:MI0000646	chr1	134094702	134094680	+
MI0000646	2	miR-135b-3p	0.0	0.0	1.0	2.0	0.0	0.0	0.1	0.3	723818	miRBase:MI0000646	chr1	134094740	134094719	+
MI0000649	1	miR-101b-5p	0.0	1.0	1.0	0.0	0.0	0.0	0.1	0.0	724062	miRBase:MI0000649	chr19	29209814	29209792	+
MI0000649	2	miR-101b-3p	0.0	2.0	3.0	7.0	0.0	1.0	1.6	2.1	724062	miRBase:MI0000649	chr19	29209849	29209829	+
MI0000652	1	miR-1a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723959	miRBase:MI0000652 RFAM:RF00103	chr18	10785504	10785483	-
MI0000652	2	miR-1a-2-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723959	miRBase:MI0000652 RFAM:RF00103	chr18	10785543	10785521	-
MI0000684	1	miR-107-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723826	miRBase:MI0000684	chr19	34895212	34895190	-
MI0000684	2	miR-107-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723826	miRBase:MI0000684	chr19	34895249	34895227	-
MI0000685	1	miR-10a-5p	32856.0	298006.0	95741.0	391330.0	15.1	18.2	16.6	17.9	723893	miRBase:MI0000685 RFAM:RF00104	chr11	96178522	96178500	+
MI0000685	2	miR-10a-3p	4.0	42.0	69.0	125.0	2.1	5.4	6.2	6.2	723893	miRBase:MI0000685 RFAM:RF00104	chr11	96178562	96178541	+
MI0000687	1	miR-17-5p	71.0	788.0	1971.0	2612.0	6.3	9.7	11.0	10.6	723905	miRBase:MI0000687 RFAM:RF00051	chr14	115442928	115442906	+
MI0000687	2	miR-17-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723905	miRBase:MI0000687 RFAM:RF00051	chr14	115442964	115442943	+
MI0000688	1	miR-19a-5p	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	723891	miRBase:MI0000688	chr14	115443255	115443234	+
MI0000688	2	miR-19a-3p	182.0	200.0	785.0	845.0	7.6	7.7	9.7	9.0	723891	miRBase:MI0000688	chr14	115443292	115443270	+
MI0000689	1	miR-25-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723926	miRBase:MI0000689	chr5	138606581	138606560	-
MI0000689	2	miR-25-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723926	miRBase:MI0000689	chr5	138606619	138606598	-
MI0000690	1	miR-28-5p	743.0	948.0	1549.0	1486.0	9.6	9.9	10.7	9.8	723830	miRBase:MI0000690	chr16	24827975	24827954	+
MI0000690	2	miR-28-3p	1.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	723830	miRBase:MI0000690	chr16	24828015	24827994	+
MI0000691	1	miR-32-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723837	miRBase:MI0000691	chr4	56908124	56908104	-
MI0000691	2	miR-32-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723837	miRBase:MI0000691	chr4	56908165	56908144	-
MI0000692	1	miR-100-5p	17124.0	42274.0	10.0	15.0	14.2	15.4	3.4	3.2	723892	miRBase:MI0000692	chr9	41339541	41339520	+
MI0000692	2	miR-100-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723892	miRBase:MI0000692	chr9	41339575	41339554	+
MI0000693	1	miR-139-5p	50.0	84.0	159.0	451.0	5.8	6.4	7.4	8.1	387157	miRBase:MI0000693	chr7	108623917	108623896	+
MI0000693	2	miR-139-3p	2.0	0.0	1.0	3.0	1.1	0.0	0.1	0.9	387157	miRBase:MI0000693	chr7	108623953	108623932	+
MI0000694	1	miR-200c-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723944	miRBase:MI0000694	chr6	124668364	124668342	-
MI0000694	2	miR-200c-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723944	miRBase:MI0000694	chr6	124668404	124668383	-
MI0000695	1	miR-210-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387206	miRBase:MI0000695	chr7	148407327	148407306	-
MI0000695	2	miR-210-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387206	miRBase:MI0000695	chr7	148407365	148407344	-
MI0000696	1	miR-212-5p	0.0	34.0	16.0	138.0	0.0	5.1	4.1	6.4	387208	miRBase:MI0000696	chr11	74986927	74986905	+
MI0000696	2	miR-212-3p	0.0	7.0	28.0	188.0	0.0	2.9	4.9	6.8	387208	miRBase:MI0000696	chr11	74986966	74986945	+
MI0000697	1	miR-181a-5p	199292.0	344238.0	121821.0	340285.0	17.7	18.4	16.9	17.7	735252	miRBase:MI0000697	chr1	139863067	139863045	+
MI0000697	2	miR-181a-1-3	708.0	2081.0	1401.0	2836.0	9.6	11.1	10.5	10.8	735252	miRBase:MI0000697	chr1	139863106	139863085	+
MI0000698	1	miR-214-5p	145.0	68.0	66.0	139.0	7.3	6.1	6.1	6.4	387210	miRBase:MI0000698	chr1	164153549	164153528	+
MI0000698	2	miR-214-3p	166.0	331.0	578.0	1104.0	7.5	8.4	9.2	9.4	387210	miRBase:MI0000698	chr1	164153590	164153569	+
MI0000699	1	miR-216a-5p	1.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	387212	miRBase:MI0000699	chr11	28657039	28657018	+

MI0000699	2	miR-216a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387212	miRBase:MI0000699	chr11	28657079	28657058	+
MI0000700	1	miR-218-5p	104.0	114.0	606.0	1356.0	6.8	6.9	9.3	9.7	723822	miRBase:MI0000700	chr5	48615225	48615205	+
MI0000700	2	miR-218-1-3p	26.0	7.0	28.0	34.0	4.8	2.9	4.9	4.4	723822	miRBase:MI0000700	chr5	48615265	48615244	+
MI0000701	1	miR-218-5p	104.0	114.0	606.0	1356.0	6.8	6.9	9.3	9.7	723924	miRBase:MI0000701	chr11	35430362	35430342	+
MI0000701	2	miR-218-2-3p	1.0	1.0	0.0	0.0	0.1	0.0	0.0	0.0	723924	miRBase:MI0000701	chr11	35430405	35430384	+
MI0000702	1	miR-219-1-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723823	miRBase:MI0000702	chr17	34161976	34161955	-
MI0000702	2	miR-219-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723823	miRBase:MI0000702	chr17	34162017	34161997	-
MI0000703	1	miR-223-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723814	miRBase:MI0000703	chrX	93438203	93438181	+
MI0000703	2	miR-223-3p	2.0	8.0	64.0	24.0	1.1	3.0	6.1	3.9	723814	miRBase:MI0000703	chrX	93438244	93438223	+
MI0000704	1	miR-320-5p	0.0	3.0	0.0	2.0	0.0	1.6	0.0	0.3	723838	miRBase:MI0000704	chr14	70843353	70843332	+
MI0000704	2	miR-320-3p	18893.0	4793.0	6731.0	10922.0	14.3	12.3	12.8	12.7	723838	miRBase:MI0000704	chr14	70843385	70843364	+
MI0000706	1	miR-26a-5p	26532.0	494836.0	291735.0	650599.0	14.8	19.0	18.2	18.6	723962	miRBase:MI0000706	chr10	126432620	126432599	+
MI0000706	2	miR-26a-2-3p	117.0	90.0	91.0	166.0	7.0	6.5	6.6	6.7	723962	miRBase:MI0000706	chr10	126432658	126432637	+
MI0000707	1	miR-33-5p	40.0	38.0	26.0	35.0	5.4	5.3	4.8	4.4	723897	miRBase:MI0000707	chr15	82028577	82028557	+
MI0000707	2	miR-33-3p	4.0	4.0	19.0	35.0	2.1	2.0	4.3	4.4	723897	miRBase:MI0000707	chr15	82028618	82028597	+
MI0000708	1	miR-211-5p	26.0	24.0	9.0	8.0	4.8	4.6	3.2	2.3	387207	miRBase:MI0000708	chr7	71350738	71350717	+
MI0000708	2	miR-211-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387207	miRBase:MI0000708	chr7	71350774	71350754	+
MI0000709	1	miR-221-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723827	miRBase:MI0000709	chrX	18723455	18723433	-
MI0000709	2	miR-221-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723827	miRBase:MI0000709	chrX	18723495	18723470	-
MI0000710	1	miR-222-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723828	miRBase:MI0000710	chrX	18724049	18724029	-
MI0000710	2	miR-222-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723828	miRBase:MI0000710	chrX	18724086	18724066	-
MI0000711	1	miR-224-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723894	miRBase:MI0000711	chrX	69506397	69506376	-
MI0000711	2	miR-224-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723894	miRBase:MI0000711	chrX	69506444	69506424	-
MI0000712	1	miR-29b-2-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723963	miRBase:MI0000712 RFAM:RF00074	chr1	196863268	196863244	+
MI0000712	2	miR-29b-3p	231.0	730.0	3551.0	4480.0	8.0	9.6	11.8	11.4	723963	miRBase:MI0000712 RFAM:RF00074	chr1	196863307	196863285	+
MI0000713	1	miR-199a-5p	1429.0	4572.0	3029.0	5359.0	10.6	12.2	11.6	11.7	723821	miRBase:MI0000713	chr1	164147997	164147975	+
MI0000713	2	miR-199a-3p	547.0	2812.0	3594.0	7063.0	9.2	11.5	11.9	12.1	723821	miRBase:MI0000713	chr1	164148035	164148014	+
MI0000714	1	miR-199b-5p	368.0	1179.0	787.0	1209.0	8.6	10.3	9.7	9.5	387239	miRBase:MI0000714	chr2	32174027	32174005	+
MI0000714	2	miR-199b-3p	547.0	2812.0	3594.0	7063.0	9.2	11.5	11.9	12.1	387239	miRBase:MI0000714	chr2	32174065	32174044	+
MI0000715	1	miR-135a-2-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723955	miRBase:MI0000715	chr10	91534869	91534849	-
MI0000715	2	miR-135a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723955	miRBase:MI0000715	chr10	91534908	91534886	-
MI0000716	1	miR-124-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387233	miRBase:MI0000716	chr14	65209528	65209507	+
MI0000716	2	miR-124-3p	1.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	387233	miRBase:MI0000716	chr14	65209565	65209546	+
MI0000717	1	miR-124-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723950	miRBase:MI0000717	chr3	17695707	17695686	+
MI0000717	2	miR-124-3p	1.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	723950	miRBase:MI0000717	chr3	17695742	17695723	+
MI0000718	1	miR-19b-1-5p	26.0	2.0	20.0	24.0	4.8	1.0	4.4	3.9	751527	miRBase:MI0000718	chr14	115443564	115443542	+
MI0000718	2	miR-19b-3p	5100.0	1797.0	4229.0	4949.0	12.4	10.9	12.1	11.6	751527	miRBase:MI0000718	chr14	115443602	115443580	+
MI0000719	1	miR-92a-1-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751549	miRBase:MI0000719	chr14	115443681	115443659	+
MI0000719	2	miR-92a-3p	120.0	1752.0	2545.0	4175.0	7.0	10.8	11.4	11.3	751549	miRBase:MI0000719	chr14	115443718	115443698	+
MI0000720	1	miR-9-5p	151.0	3189.0	799.0	5626.0	7.3	11.7	9.7	11.7	387133	miRBase:MI0000720	chr3	88019557	88019535	+
MI0000720	2	miR-9-3p	0.0	12.0	31.0	43.0	0.0	3.6	5.0	4.7	387133	miRBase:MI0000720	chr3	88019595	88019574	+
MI0000721	1	miR-9-5p	151.0	3189.0	799.0	5626.0	7.3	11.7	9.7	11.7	723968	miRBase:MI0000721	chr7	86650187	86650165	+
MI0000721	2	miR-9-3p	0.0	12.0	31.0	43.0	0.0	3.6	5.0	4.7	723968	miRBase:MI0000721	chr7	86650225	86650204	+
MI0000722	1	miR-138-5p	201.0	118.0	213.0	295.0	7.8	6.9	7.8	7.5	387156	miRBase:MI0000722	chr9	122592038	122592016	+
MI0000722	2	miR-138-1-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387156	miRBase:MI0000722	chr9	122592075	122592054	+
MI0000723	1	miR-181b-5p	16225.0	11042.0	7702.0	13831.0	14.1	13.5	13.0	13.0	723890	miRBase:MI0000723	chr1	139863249	139863227	+
MI0000723	2	miR-181b-1-3	9.0	0.0	0.0	4.0	3.3	0.0	0.0	1.3	723890	miRBase:MI0000723	chr1	139863285	139863267	+
MI0000724	1	miR-181c-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723819	miRBase:MI0000724	chr8	86702805	86702784	-
MI0000724	2	miR-181c-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723819	miRBase:MI0000724	chr8	86702844	86702823	-
MI0000725	1	miR-125b-5p	3953.0	15294.0	16496.0	26306.0	12.1	14.0	14.1	14.0	387236	miRBase:MI0000725 RFAM:RF00052	chr9	41390044	41390023	+
MI0000725	2	miR-125b-1-3	183.0	237.0	120.0	284.0	7.6	7.9	7.0	7.4	387236	miRBase:MI0000725 RFAM:RF00052	chr9	41390084	41390063	+
MI0000726	1	miR-128-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723815	miRBase:MI0000726	chr9	112021168	112021148	-
MI0000726	2	miR-128-2-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723815	miRBase:MI0000726	chr9	112021205	112021183	-
MI0000728	1	miR-7a-1-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723902	miRBase:MI0000728 RFAM:RF00053	chr13	58494182	58494161	-
MI0000728	2	miR-7a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723902	miRBase:MI0000728 RFAM:RF00053	chr13	58494224	58494202	-
MI0000729	1	miR-7a-5p	0.0	1.0	11.0	22.0	0.0	0.0	3.5	3.7	723884	miRBase:MI0000729 RFAM:RF00053	chr7	86033203	86033181	+

MI0000729	2	miR-7a-2-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723884	miRBase:MI0000729 RFAM:RF00053	chr7	86033242	86033221	+
MI0000730	1	miR-7b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723883	miRBase:MI0000730 RFAM:RF00053	chr17	56382462	56382440	+
MI0000730	2	miR-7b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723883	miRBase:MI0000730 RFAM:RF00053	chr17	56382499	56382478	+
MI0000731	1	miR-217-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387213	miRBase:MI0000731	chr11	28663783	28663761	+
MI0000731	2	miR-217-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387213	miRBase:MI0000731	chr11	28663820	28663798	+
MI0000733	1	miR-194-5p	654.0	600.0	12803.0	10247.0	9.5	9.3	13.7	12.6	723957	miRBase:MI0000733	chr19	6264679	6264658	+
MI0000733	2	miR-194-2-3p	67.0	1.0	120.0	48.0	6.2	0.0	7.0	4.9	723957	miRBase:MI0000733	chr19	6264715	6264694	+
MI0000741	1	miR-219-2-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723904	miRBase:MI0000741	chr2	29701186	29701165	-
MI0000741	2	miR-219-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723904	miRBase:MI0000741	chr2	29701229	29701209	-
MI0000761	1	miR-361-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723850	miRBase:MI0000761	chrX	110188460	110188436	-
MI0000761	2	miR-361-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723850	miRBase:MI0000761	chrX	110188497	110188476	-
MI0000763	1	miR-362-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723851	miRBase:MI0000763	chrX	6819131	6819110	-
MI0000763	2	miR-362-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723851	miRBase:MI0000763	chrX	6819168	6819145	-
MI0000765	1	miR-363-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723852	miRBase:MI0000765	chrX	50094895	50094874	-
MI0000765	2	miR-363-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723852	miRBase:MI0000765	chrX	50094938	50094917	-
MI0000768	1	miR-365-1-5p	11.0	2.0	7.0	5.0	3.6	1.0	2.9	1.6	723899	miRBase:MI0000768	chr16	13453970	13453948	+
MI0000768	2	miR-365-3p	0.0	439.0	1265.0	1384.0	0.0	8.8	10.4	9.7	723899	miRBase:MI0000768	chr16	13454009	13453988	+
MI0000792	1	miR-375-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723900	miRBase:MI0000792	chr1	74947256	74947235	-
MI0000792	2	miR-375-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723900	miRBase:MI0000792	chr1	74947291	74947270	-
MI0000793	1	miR-376a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723855	miRBase:MI0000793	chr12	110962017	110961996	+
MI0000793	2	miR-376a-3p	0.0	3.0	20.0	6.0	0.0	1.6	4.4	1.9	723855	miRBase:MI0000793	chr12	110962054	110962034	+
MI0000794	1	miR-377-5p	1.0	0.0	8.0	0.0	0.1	0.0	3.1	0.0	723857	miRBase:MI0000794	chr12	110978746	110978725	+
MI0000794	2	miR-377-3p	1.0	0.0	12.0	1.0	0.1	0.0	3.6	0.0	723857	miRBase:MI0000794	chr12	110978784	110978763	+
MI0000795	1	miR-378-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723889	miRBase:MI0000795	chr18	61557512	61557492	-
MI0000795	2	miR-378-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723889	miRBase:MI0000795	chr18	61557550	61557529	-
MI0000796	1	miR-379-5p	0.0	0.0	37.0	12.0	0.0	0.0	5.3	2.9	723858	miRBase:MI0000796	chr12	110947295	110947275	+
MI0000796	2	miR-379-3p	0.0	3.0	26.0	5.0	0.0	1.6	4.8	1.6	723858	miRBase:MI0000796	chr12	110947333	110947312	+
MI0000797	1	miR-380-5p	0.0	0.0	4.0	0.0	0.0	0.0	2.1	0.0	723859	miRBase:MI0000797	chr12	110950037	110950016	+
MI0000797	2	miR-380-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723859	miRBase:MI0000797	chr12	110950073	110950052	+
MI0000798	1	miR-381-5p	0.0	3.0	6.0	0.0	0.0	1.6	2.6	0.0	723935	miRBase:MI0000798	chr12	110965061	110965039	+
MI0000798	2	miR-381-3p	42.0	2129.0	3216.0	1209.0	5.5	11.1	11.7	9.5	723935	miRBase:MI0000798	chr12	110965101	110965080	+
MI0000799	1	miR-382-5p	14.0	10.0	38.0	7.0	3.9	3.4	5.3	2.1	723912	miRBase:MI0000799	chr12	110972012	110971991	+
MI0000799	2	miR-382-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723912	miRBase:MI0000799	chr12	110972050	110972029	+
MI0000800	1	miR-383-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723860	miRBase:MI0000800	chr8	39315212	39315192	-
MI0000800	2	miR-383-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723860	miRBase:MI0000800	chr8	39315253	39315232	-
MI0000817	1	miR-335-5p	11.0	140.0	74.0	72.0	3.6	7.2	6.3	5.5	723930	miRBase:MI0000817	chr6	30691336	30691314	+
MI0000817	2	miR-335-3p	13.0	114.0	104.0	53.0	3.8	6.9	6.8	5.0	723930	miRBase:MI0000817	chr6	30691375	30691354	+
MI0000820	1	miR-133a-5p	1.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	723954	miRBase:MI0000820	chr2	180133126	180133106	+
MI0000820	2	miR-133a-3p	1586.0	40.0	55.0	53.0	10.7	5.4	5.8	5.0	723954	miRBase:MI0000820	chr2	180133163	180133142	+
MI0000821	1	miR-133b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723817	miRBase:MI0000821	chr1	20672899	20672878	+
MI0000821	2	miR-133b-3p	17.0	0.0	2.0	0.0	4.2	0.0	1.1	0.0	723817	miRBase:MI0000821	chr1	20672936	20672915	+
MI0000823	1	miR-181b-5p	16225.0	11042.0	7702.0	13831.0	14.1	13.5	13.0	13.0	723903	miRBase:MI0000823	chr2	38709387	38709365	+
MI0000823	2	miR-181b-2-3	1.0	1.0	0.0	5.0	0.1	0.0	0.0	1.6	723903	miRBase:MI0000823	chr2	38709424	38709403	+
MI0000974	1	miR-215-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387211	miRBase:MI0000974	chr1	187137509	187137489	+
MI0000974	2	miR-215-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387211	miRBase:MI0000974	chr1	187137546	187137526	+
MI0001146	1	miR-384-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723861	miRBase:MI0001146	chrX	102539652	102539631	-
MI0001146	2	miR-384-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723861	miRBase:MI0001146	chrX	102539693	102539671	-
MI0001151	1	miR-196b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723820	miRBase:MI0001151	chr6	52180114	52180093	-
MI0001151	2	miR-196b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723820	miRBase:MI0001151	chr6	52180149	52180128	-
MI0001160	1	miR-409-5p	9.0	41.0	82.0	18.0	3.3	5.4	6.4	3.5	723862	miRBase:MI0001160	chr12	110981404	110981382	+
MI0001160	2	miR-409-3p	197.0	124.0	799.0	171.0	7.7	7.0	9.7	6.7	723862	miRBase:MI0001160	chr12	110981435	110981414	+
MI0001161	1	miR-410-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723863	miRBase:MI0001161	chr12	110981959	110981939	+
MI0001161	2	miR-410-3p	5.0	109.0	317.0	152.0	2.4	6.8	8.4	6.5	723863	miRBase:MI0001161	chr12	110981994	110981974	+
MI0001162	1	miR-376b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723934	miRBase:MI0001162	chr12	110961702	110961681	+
MI0001162	2	miR-376b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723934	miRBase:MI0001162	chr12	110961738	110961718	+
MI0001163	1	miR-411-5p	5.0	591.0	1792.0	994.0	2.4	9.3	10.9	9.2	723936	miRBase:MI0001163	chr12	110948420	110948400	+

MI0001163	2	miR-411-3p	0.0	2.0	12.0	4.0	0.0	1.0	3.6	1.3	723936	miRBase:MI0001163	chr12	110948456	110948435	+
MI0001164	1	miR-412-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723913	miRBase:MI0001164	chr12	110981535	110981513	+
MI0001164	2	miR-412-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723913	miRBase:MI0001164	chr12	110981569	110981550	+
MI0001165	1	miR-370-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723854	miRBase:MI0001165	chr12	110856499	110856480	+
MI0001165	2	miR-370-3p	10.0	17.0	2.0	2.0	3.4	4.1	1.1	0.3	723854	miRBase:MI0001165	chr12	110856536	110856515	+
MI0001447	1	miR-425-5p	584.0	107.0	409.0	268.0	9.3	6.8	8.7	7.3	723864	miRBase:MI0001447	chr9	108471142	108471120	+
MI0001447	2	miR-425-3p	119.0	5.0	41.0	24.0	7.0	2.4	5.4	3.9	723864	miRBase:MI0001447	chr9	108471181	108471161	+
MI0001524	1	miR-431-5p	2.0	1.0	0.0	0.0	1.1	0.0	0.0	0.0	723866	miRBase:MI0001524	chr12	110828689	110828669	+
MI0001524	2	miR-431-3p	2.0	0.0	0.0	2.0	1.1	0.0	0.0	0.3	723866	miRBase:MI0001524	chr12	110828733	110828712	+
MI0001525	1	miR-433-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723937	miRBase:MI0001525	chr12	110829960	110829939	+
MI0001525	2	miR-433-3p	2.0	2.0	2.0	1.0	1.1	1.0	1.1	0.0	723937	miRBase:MI0001525	chr12	110830012	110829991	+
MI0001526	1	miR-434-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723867	miRBase:MI0001526	chr12	110832759	110832738	+
MI0001526	2	miR-434-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723867	miRBase:MI0001526	chr12	110832796	110832775	+
MI0001638	1	miR-448-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723914	miRBase:MI0001638	chrX	143592785	143592764	+
MI0001638	2	miR-448-3p	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	723914	miRBase:MI0001638	chrX	143592845	143592824	+
MI0001642	1	miR-429-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723865	miRBase:MI0001642	chr4	155428046	155428025	-
MI0001642	2	miR-429-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723865	miRBase:MI0001642	chr4	155428083	155428063	-
MI0001645	1	miR-365-2-5p	13.0	6.0	8.0	10.0	3.8	2.6	3.1	2.6	723853	miRBase:MI0001645	chr11	79539952	79539930	+
MI0001645	2	miR-365-3p	0.0	439.0	1265.0	1384.0	0.0	8.8	10.4	9.7	723853	miRBase:MI0001645	chr11	79539990	79539969	+
MI0001649	1	miR-449a-5p	2.0	9.0	2.0	5.0	1.1	3.2	1.1	1.6	723868	miRBase:MI0001649	chr13	113827778	113827757	+
MI0001649	2	miR-449a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723868	miRBase:MI0001649	chr13	113827818	113827797	+
MI0001653	1	miR-450a-1-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723869	miRBase:MI0001653	chrX	50401369	50401348	-
MI0001653	2	miR-450a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723869	miRBase:MI0001653	chrX	50401404	50401383	-
MI0001730	1	miR-451	1355.0	2454.0	3789.0	4555.0	10.5	11.3	11.9	11.4	723870	miRBase:MI0001730	chr11	77886709	77886688	+
MI0001734	1	miR-452-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723919	miRBase:MI0001734	chrX	69507595	69507574	-
MI0001734	2	miR-452-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723919	miRBase:MI0001734	chrX	69507631	69507610	-
MI0002398	1	miR-463-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723887	miRBase:MI0002398	chrX	64052432	64052411	-
MI0002398	2	miR-463-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723887	miRBase:MI0002398	chrX	64052469	64052448	-
MI0002400	1	miR-465a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723888	miRBase:MI0002400	chrX	64092259	64092238	-
MI0002400	2	miR-465a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723888	miRBase:MI0002400	chrX	64092296	64092274	-
MI0002401	1	miR-466a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723922	miRBase:MI0002401	chr2	10429576	10429555	+
MI0002401	2	miR-466a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723922	miRBase:MI0002401	chr2	10429616	10429594	+
MI0002402	1	miR-467a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735286	miRBase:MI0002402	chr2	10398003	10397982	+
MI0002402	2	miR-467a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735286	miRBase:MI0002402	chr2	10398038	10398017	+
MI0002403	1	miR-468-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723871	miRBase:MI0002403	chr6	81846618	81846596	-
MI0002403	2	miR-468-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723871	miRBase:MI0002403	chr6	81846649	81846623	-
MI0002405	1	miR-470-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723873	miRBase:MI0002405	chrX	64067157	64067136	-
MI0002405	2	miR-470-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723873	miRBase:MI0002405	chrX	64067192	64067170	-
MI0002406	1	miR-471-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723939	miRBase:MI0002406	chrX	64045795	64045774	-
MI0002406	2	miR-471-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723939	miRBase:MI0002406	chrX	64045830	64045809	-
MI0003206	1	miR-532-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751544	miRBase:MI0003206	chrX	6825566	6825545	-
MI0003206	2	miR-532-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751544	miRBase:MI0003206	chrX	6825603	6825582	-
MI0003476	1	miR-489-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723877	miRBase:MI0003476	chr6	3671944	3671922	-
MI0003476	2	miR-489-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723877	miRBase:MI0003476	chr6	3671981	3671957	-
MI0003484	1	miR-483-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723874	miRBase:MI0003484	chr7	149840857	149840837	-
MI0003484	2	miR-483-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723874	miRBase:MI0003484	chr7	149840894	149840873	-
MI0003491	1	miR-484	704.0	1101.0	1212.0	1505.0	9.6	10.2	10.3	9.8	723916	miRBase:MI0003491	chr16	14159744	14159723	+
MI0003492	1	miR-485-5p	2.0	9.0	11.0	10.0	1.1	3.2	3.5	2.6	723875	miRBase:MI0003492	chr12	110973141	110973120	+
MI0003492	2	miR-485-3p	0.0	0.0	1.0	0.0	0.0	0.0	0.1	0.0	723875	miRBase:MI0003492	chr12	110973177	110973156	+
MI0003493	1	miR-486-5p	5223.0	7669.0	10975.0	19379.0	12.5	13.0	13.5	13.5	723876	miRBase:MI0003493	chr8	24253080	24253059	+
MI0003493	2	miR-486-3p	3.0	8.0	7.0	29.0	1.7	3.0	2.9	4.1	723876	miRBase:MI0003493	chr8	24253121	24253101	+
MI0003517	1	miR-546	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723882	miRBase:MI0003517	chr10	126435542	126435527	+
MI0003518	1	miR-540-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723880	miRBase:MI0003518	chr12	110824317	110824295	+
MI0003518	2	miR-540-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723880	miRBase:MI0003518	chr12	110824351	110824332	+
MI0003519	1	miR-543-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723881	miRBase:MI0003519	chr12	110955499	110955479	+
MI0003519	2	miR-543-3p	0.0	4.0	1.0	3.0	0.0	2.0	0.1	0.9	723881	miRBase:MI0003519	chr12	110955535	110955514	+

MI0003520	1	miR-539-5p	0.0	0.0	2.0	0.0	0.0	0.0	1.1	0.0	723917	miRBase:MI0003520	chr12	110966367	110966346	+
MI0003520	2	miR-539-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723917	miRBase:MI0003520	chr12	110966407	110966386	+
MI0003521	1	miR-541-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723941	miRBase:MI0003521	chr12	110980656	110980632	+
MI0003521	2	miR-541-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723941	miRBase:MI0003521	chr12	110980697	110980676	+
MI0003522	1	miR-542-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723901	miRBase:MI0003522	chrX	50402613	50402592	-
MI0003522	2	miR-542-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723901	miRBase:MI0003522	chrX	50402651	50402630	-
MI0003523	1	miR-547-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723918	miRBase:MI0003523	chrX	65241578	65241558	-
MI0003523	2	miR-547-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723918	miRBase:MI0003523	chrX	65241615	65241595	-
MI0003531	1	miR-367-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723911	miRBase:MI0003531	chr3	127248679	127248659	+
MI0003531	2	miR-367-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723911	miRBase:MI0003531	chr3	127248718	127248697	+
MI0003532	1	miR-494-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723878	miRBase:MI0003532	chr12	110953565	110953544	+
MI0003532	2	miR-494-3p	0.0	0.0	7.0	2.0	0.0	0.0	2.9	0.3	723878	miRBase:MI0003532	chr12	110953598	110953577	+
MI0003533	1	miR-376c-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723856	miRBase:MI0003533	chr12	110960964	110960943	+
MI0003533	2	miR-376c-3p	0.0	0.0	1.0	0.0	0.0	0.0	0.1	0.0	723856	miRBase:MI0003533	chr12	110961000	110960980	+
MI0003534	1	miR-487b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723940	miRBase:MI0003534	chr12	110965577	110965557	+
MI0003534	2	miR-487b-3p	4.0	24.0	67.0	15.0	2.1	4.6	6.1	3.2	723940	miRBase:MI0003534	chr12	110965613	110965592	+
MI0003535	1	miR-369-5p	0.0	2.0	3.0	3.0	0.0	1.0	1.6	0.9	723933	miRBase:MI0003535	chr12	110981662	110981641	+
MI0003535	2	miR-369-3p	10.0	22.0	91.0	25.0	3.4	4.5	6.6	3.9	723933	miRBase:MI0003535	chr12	110981696	110981676	+
MI0003536	1	miR-20b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723923	miRBase:MI0003536	chrX	50095320	50095299	-
MI0003536	2	miR-20b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723923	miRBase:MI0003536	chrX	50095358	50095336	-
MI0003537	1	miR-450a-2-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723938	miRBase:MI0003537	chrX	50401502	50401481	-
MI0003537	2	miR-450a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723938	miRBase:MI0003537	chrX	50401537	50401516	-
MI0003538	1	miR-503-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723879	miRBase:MI0003538	chrX	50407185	50407164	-
MI0003538	2	miR-503-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723879	miRBase:MI0003538	chrX	50407226	50407204	-
MI0003539	1	miR-291b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10009370	miRBase:MI0003539	chr7	3219516	3219495	+
MI0003539	2	miR-291b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10009370	miRBase:MI0003539	chr7	3219551	3219530	+
MI0003716	1	miR-302b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723948	miRBase:MI0003716	chr3	127248178	127248156	+
MI0003716	2	miR-302b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723948	miRBase:MI0003716	chr3	127248215	127248193	+
MI0003717	1	miR-302c-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723835	miRBase:MI0003717	chr3	127248307	127248286	+
MI0003717	2	miR-302c-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723835	miRBase:MI0003717	chr3	127248345	127248324	+
MI0003718	1	miR-302d-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723928	miRBase:MI0003718	chr3	127248569	127248547	+
MI0003718	2	miR-302d-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723928	miRBase:MI0003718	chr3	127248605	127248583	+
MI0004118	1	miR-1224-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031673	miRBase:MI0004118	chr16	20604545	20604525	+
MI0004118	2	miR-1224-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031673	miRBase:MI0004118	chr16	20604609	20604589	+
MI0004120	1	miR-1247-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10052655	miRBase:MI0004120	chr12	111516288	111516268	-
MI0004120	2	miR-1247-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10052655	miRBase:MI0004120	chr12	111516325	111516304	-
MI0004122	1	miR-301b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	791069	miRBase:MI0004122	chr16	17124535	17124513	-
MI0004122	2	miR-301b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	791069	miRBase:MI0004122	chr16	17124570	17124549	-
MI0004123	1	miR-675-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735280	miRBase:MI0004123	chr7	149763004	149762983	-
MI0004123	2	miR-675-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735280	miRBase:MI0004123	chr7	149763038	149763017	-
MI0004124	1	miR-744-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	791070	miRBase:MI0004124	chr11	65548265	65548244	-
MI0004124	2	miR-744-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	791070	miRBase:MI0004124	chr11	65548322	65548301	-
MI0004125	1	miR-374-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751546	miRBase:MI0004125	chrX	100768435	100768414	-
MI0004125	2	miR-374-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751546	miRBase:MI0004125	chrX	100768472	100768451	-
MI0004126	1	miR-216b-5p	1.0	0.0	2.0	2.0	0.1	0.0	1.1	0.3	735308	miRBase:MI0004126	chr11	28646225	28646204	+
MI0004126	2	miR-216b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735308	miRBase:MI0004126	chr11	28646265	28646244	+
MI0004127	1	miR-592-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735266	miRBase:MI0004127	chr6	27886693	27886672	-
MI0004127	2	miR-592-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735266	miRBase:MI0004127	chr6	27886733	27886711	-
MI0004129	1	miR-758-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	791071	miRBase:MI0004129	chr12	110951053	110951033	+
MI0004129	2	miR-758-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	791071	miRBase:MI0004129	chr12	110951086	110951068	+
MI0004130	1	miR-1264-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10052646	miRBase:MI0004130	chrX	143445178	143445157	+
MI0004130	2	miR-1264-3p	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	10052646	miRBase:MI0004130	chrX	143445219	143445198	+
MI0004131	1	miR-551b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	791072	miRBase:MI0004131	chr3	29315784	29315762	+
MI0004131	2	miR-551b-3p	55.0	84.0	55.0	25.0	5.9	6.4	5.8	3.9	791072	miRBase:MI0004131	chr3	29315821	29315801	+
MI0004132	1	miR-1249-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10052646	miRBase:MI0004132	chr15	84781996	84781975	-
MI0004132	2	miR-1249-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10052646	miRBase:MI0004132	chr15	84782033	84782009	-

MI0004133	1	miR-671-5p	11.0	4.0	28.0	20.0	3.6	2.0	4.9	3.6	735264	miRBase:MI0004133	chr5	24097972	24097950	+
MI0004133	2	miR-671-3p	43.0	26.0	67.0	107.0	5.5	4.8	6.1	6.0	735264	miRBase:MI0004133	chr5	24098009	24097989	+
MI0004134	1	miR-668-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751523	miRBase:MI0004134	chr12	110972966	110972943	+
MI0004134	2	miR-668-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751523	miRBase:MI0004134	chr12	110973007	110972984	+
MI0004155	1	miR-1843-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0004155	chr12	81492623	81492602	-
MI0004155	2	miR-1843-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0004155	chr12	81492661	81492641	-
MI0004171	1	miR-665-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751555	miRBase:MI0004171	chr12	110824566	110824541	+
MI0004171	2	miR-665-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751555	miRBase:MI0004171	chr12	110824597	110824578	+
MI0004196	1	miR-667-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751552	miRBase:MI0004196	chr12	110958254	110958230	+
MI0004196	2	miR-667-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751552	miRBase:MI0004196	chr12	110958293	110958271	+
MI0004203	1	miR-770-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	791079	miRBase:MI0004203	chr12	110801941	110801920	+
MI0004203	2	miR-770-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	791079	miRBase:MI0004203	chr12	110801975	110801954	+
MI0004215	1	miR-762	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	791073	miRBase:MI0004215	chr7	134852069	134852048	+
MI0004220	1	miR-3475	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1004995	miRBase:MI0004220	chrX	136845551	136845531	+
MI0004227	1	miR-344d-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0004227	chr7	68871163	68871142	-
MI0004227	2	miR-344d-3-5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0004227	chr7	68871204	68871182	-
MI0004249	1	miR-802-5p	10.0	4.0	141.0	35.0	3.4	2.0	7.2	4.4	791074	miRBase:MI0004249	chr16	93370003	93369982	+
MI0004249	2	miR-802-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	791074	miRBase:MI0004249	chr16	93370041	93370020	+
MI0004258	1	miR-672-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751535	miRBase:MI0004258	chrX	101311551	101311531	-
MI0004258	2	miR-672-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751535	miRBase:MI0004258	chrX	101311589	101311567	-
MI0004295	1	miR-670-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735259	miRBase:MI0004295	chr2	94101497	94101473	-
MI0004295	2	miR-670-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735259	miRBase:MI0004295	chr2	94101536	94101515	-
MI0004300	1	miR-1298-5p	0.0	0.0	3.0	11.0	0.0	0.0	1.6	2.7	1005264	miRBase:MI0004300	chrX	143499482	143499461	+
MI0004300	2	miR-1298-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0004300	chrX	143499534	143499513	+
MI0004306	1	miR-761	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	791075	miRBase:MI0004306	chr4	108690295	108690274	+
MI0004310	1	miR-764-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	791081	miRBase:MI0004310	chrX	143436846	143436828	+
MI0004310	2	miR-764-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	791081	miRBase:MI0004310	chrX	143436888	143436867	+
MI0004412	1	miR-3059-5p	1.0	1.0	3.0	1.0	0.1	0.0	1.6	0.0	1005265	miRBase:MI0004412	chr10	101235359	101235338	+
MI0004412	2	miR-3059-3p	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0004412	chr10	101235395	101235374	+
MI0004418	1	miR-3058-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0004418	chr10	95021898	95021878	-
MI0004418	2	miR-3058-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0004418	chr10	95021942	95021920	-
MI0004485	1	miR-3099-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1004995	miRBase:MI0004485	chr7	6756331	6756311	+
MI0004485	2	miR-3099-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1004995	miRBase:MI0004485	chr7	6756370	6756349	+
MI0004486	1	miR-3106-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0004486	chr8	16168789	16168768	-
MI0004486	2	miR-3106-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0004486	chr8	16168825	16168805	-
MI0004516	1	miR-763	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	791076	miRBase:MI0004516	chr10	119885129	119885108	-
MI0004523	1	miR-669a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735256	miRBase:MI0004523	chr2	10398522	10398499	+
MI0004523	2	miR-669a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735256	miRBase:MI0004523	chr2	10398557	10398535	+
MI0004524	1	miR-344d-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0004524	chr7	68828034	68828013	-
MI0004524	2	miR-344d-1-5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0004524	chr7	68828075	68828052	-
MI0004553	1	miR-666-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751521	miRBase:MI0004553	chr12	110955334	110955313	+
MI0004553	2	miR-666-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751521	miRBase:MI0004553	chr12	110955371	110955350	+
MI0004554	1	miR-759	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	791080	miRBase:MI0004554	chr14	80138288	80138267	+
MI0004589	1	miR-496-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751524	miRBase:MI0004589	chr12	110977362	110977342	+
MI0004589	2	miR-496-3p	0.0	0.0	1.0	0.0	0.0	0.0	0.1	0.0	751524	miRBase:MI0004589	chr12	110977396	110977375	+
MI0004601	1	miR-673-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751547	miRBase:MI0004601	chr12	110810235	110810214	+
MI0004601	2	miR-673-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751547	miRBase:MI0004601	chr12	110810276	110810254	+
MI0004605	1	miR-760-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	791077	miRBase:MI0004605	chr3	121996552	121996533	-
MI0004605	2	miR-760-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	791077	miRBase:MI0004605	chr3	121996589	121996567	-
MI0004611	1	miR-674-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	732489	miRBase:MI0004611	chr2	117010908	117010887	+
MI0004611	2	miR-674-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	732489	miRBase:MI0004611	chr2	117010943	117010922	+
MI0004619	1	miR-344d-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0004619	chr7	68830186	68830165	-
MI0004619	2	miR-344d-2-5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0004619	chr7	68830227	68830204	-
MI0004633	1	miR-488-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735253	miRBase:MI0004633	chr1	160435802	160435782	+
MI0004633	2	miR-488-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735253	miRBase:MI0004633	chr1	160435840	160435820	+
MI0004634	1	miR-677-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751518	miRBase:MI0004634	chr10	127522368	127522347	+

MI0004634	2	miR-677-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751518	miRBase:MI0004634	chr10	127522416	127522391	+
MI0004635	1	miR-678	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751554	miRBase:MI0004635	chr10	75670099	75670078	-
MI0004636	1	miR-497-5p	52.0	247.0	459.0	581.0	5.8	8.0	8.9	8.5	751537	miRBase:MI0004636	chr11	70048253	70048232	+
MI0004636	2	miR-497-3p	1.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	751537	miRBase:MI0004636	chr11	70048292	70048272	+
MI0004637	1	miR-423-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751519	miRBase:MI0004637	chr11	76891610	76891588	-
MI0004637	2	miR-423-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751519	miRBase:MI0004637	chr11	76891646	76891624	-
MI0004638	1	miR-679-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751539	miRBase:MI0004638	chr12	110953818	110953797	+
MI0004638	2	miR-679-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751539	miRBase:MI0004638	chr12	110953855	110953834	+
MI0004639	1	miR-495-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751522	miRBase:MI0004639	chr12	110956989	110956967	+
MI0004639	2	miR-495-3p	20.0	8.0	12.0	2.0	4.4	3.0	3.6	0.3	751522	miRBase:MI0004639	chr12	110957026	110957005	+
MI0004640	1	miR-680	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735268	miRBase:MI0004640	chr6	129641579	129641559	+
MI0004641	1	miR-680	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751551	miRBase:MI0004641	chrX	140732353	140732333	+
MI0004642	1	miR-680	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751520	miRBase:MI0004642	chr12	35879541	35879521	-
MI0004643	1	miR-681	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751538	miRBase:MI0004643	chr12	70864930	70864910	-
MI0004644	1	miR-682	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751556	miRBase:MI0004644	chr13	75782587	75782567	+
MI0004645	1	miR-449c-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735309	miRBase:MI0004645	chr13	113826236	113826216	+
MI0004645	2	miR-449c-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735309	miRBase:MI0004645	chr13	113826278	113826257	+
MI0004646	1	miR-683	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751559	miRBase:MI0004646	chr13	50640033	50640013	-
MI0004647	1	miR-684	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735274	miRBase:MI0004647	chr2	80468889	80468871	-
MI0004648	1	miR-684	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735261	miRBase:MI0004648	chr4	11061321	11061303	+
MI0004650	1	miR-686	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751525	miRBase:MI0004650	chr14	55235604	55235583	-
MI0004651	1	miR-719	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751526	miRBase:MI0004651	chr14	60847731	60847710	-
MI0004652	1	miR-687	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751541	miRBase:MI0004652	chr14	73606636	73606615	-
MI0004653	1	miR-688	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751542	miRBase:MI0004653	chr15	102502252	102502233	-
MI0004658	1	miR-690	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751543	miRBase:MI0004658	chr16	28600047	28600026	-
MI0004659	1	miR-691	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751561	miRBase:MI0004659	chr16	74342271	74342250	-
MI0004660	1	miR-692	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751529	miRBase:MI0004660	chr17	7099628	7099608	-
MI0004661	chr	miR-692	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735288	miRBase:MI0004661	chr13	74544589	74544569	+
MI0004661	chr	miR-692	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735288	miRBase:MI0004661	chr4	125182069	125182049	+
MI0004662	1	miR-693-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751553	miRBase:MI0004662	chr17	46368520	46368500	+
MI0004662	2	miR-693-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751553	miRBase:MI0004662	chr17	46368552	46368530	+
MI0004664	1	miR-694	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751558	miRBase:MI0004664	chr18	66378948	66378930	-
MI0004665	1	miR-146b-5p	649.0	213.0	651.0	497.0	9.5	7.8	9.4	8.2	751550	miRBase:MI0004665	chr19	46417301	46417280	+
MI0004665	2	miR-146b-3p	2.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	751550	miRBase:MI0004665	chr19	46417339	46417318	+
MI0004666	1	miR-669b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735255	miRBase:MI0004666	chr2	10389462	10389441	+
MI0004666	2	miR-669b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735255	miRBase:MI0004666	chr2	10389500	10389478	+
MI0004667	1	miR-669a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735258	miRBase:MI0004667	chr2	10431835	10431812	+
MI0004667	2	miR-669a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735258	miRBase:MI0004667	chr2	10431870	10431848	+
MI0004668	1	miR-669a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735272	miRBase:MI0004668	chr2	10396110	10396087	+
MI0004668	2	miR-669a-3-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735272	miRBase:MI0004668	chr2	10396145	10396123	+
MI0004671	1	miR-467b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735257	miRBase:MI0004671	chr2	10402903	10402883	+
MI0004671	2	miR-467b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735257	miRBase:MI0004671	chr2	10402941	10402920	+
MI0004673	1	miR-669c-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735273	miRBase:MI0004673	chr2	10430967	10430946	+
MI0004673	2	miR-669c-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735273	miRBase:MI0004673	chr2	10431007	10430986	+
MI0004674	1	miR-297b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735281	miRBase:MI0004674	chr2	10433334	10433313	+
MI0004674	2	miR-297b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735281	miRBase:MI0004674	chr2	10433371	10433350	+
MI0004675	1	miR-695	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735287	miRBase:MI0004675	chr2	155182588	155182567	+
MI0004676	1	miR-499-5p	88.0	73.0	102.0	156.0	6.6	6.2	6.7	6.6	735275	miRBase:MI0004676	chr2	155448649	155448629	+
MI0004676	2	miR-499-3p	1.0	1.0	0.0	0.0	0.1	0.0	0.0	0.0	735275	miRBase:MI0004676	chr2	155448687	155448665	+
MI0004678	1	miR-720	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735260	miRBase:MI0004678	chr3	88920549	88920532	-
MI0004679	1	miR-455-5p	252.0	208.0	510.0	920.0	8.1	7.8	9.0	9.1	735262	miRBase:MI0004679	chr4	62917922	62917901	+
MI0004679	2	miR-455-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735262	miRBase:MI0004679	chr4	62917958	62917938	+
MI0004680	1	miR-491-5p	122.0	5.0	12.0	6.0	7.0	2.4	3.6	1.9	735282	miRBase:MI0004680	chr4	87767982	87767961	+
MI0004680	2	miR-491-3p	0.0	4.0	2.0	7.0	0.0	2.0	1.1	2.1	735282	miRBase:MI0004680	chr4	87768016	87767995	+
MI0004681	1	miR-697	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735277	miRBase:MI0004681	chr4	124409032	124409012	+
MI0004682	1	miR-698	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735263	miRBase:MI0004682	chr4	124421114	124421096	+

MI0004684	1	miR-700-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735285	miRBase:MI0004684	chr4	134972496	134972476	-
MI0004684	2	miR-700-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735285	miRBase:MI0004684	chr4	134972537	134972516	-
MI0004685	1	miR-701-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735278	miRBase:MI0004685	chr5	111433209	111433189	+
MI0004685	2	miR-701-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735278	miRBase:MI0004685	chr5	111433246	111433227	+
MI0004686	1	miR-702	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735283	miRBase:MI0004686	chr5	137467410	137467390	+
MI0004687	1	miR-703	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735265	miRBase:MI0004687	chr5	98904655	98904635	-
MI0004688	1	miR-704	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735289	miRBase:MI0004688	chr6	47753609	47753589	-
MI0004689	1	miR-705	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735267	miRBase:MI0004689	chr6	85286354	85286335	-
MI0004690	1	miR-706	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735290	miRBase:MI0004690	chr6	119984329	119984308	-
MI0004691	1	miR-707	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735269	miRBase:MI0004691	chr7	52105095	52105075	+
MI0004692	1	miR-708-5p	428.0	35.0	1201.0	327.0	8.9	5.2	10.3	7.6	735284	miRBase:MI0004692	chr7	103397982	103397960	+
MI0004692	2	miR-708-3p	17.0	8.0	71.0	33.0	4.2	3.0	6.2	4.3	735284	miRBase:MI0004692	chr7	103398027	103398006	+
MI0004693	1	miR-709	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735271	miRBase:MI0004693	chr8	86610084	86610066	+
MI0004694	1	miR-710	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	735270	miRBase:MI0004694	chr8	66993219	66993198	-
MI0004695	1	miR-711	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751536	miRBase:MI0004695	chr9	108872036	108872015	+
MI0004698	1	miR-713	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751548	miRBase:MI0004698	chr13	62862185	62862167	+
MI0004702	1	miR-500-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723974	miRBase:MI0004702	chrX	6814842	6814821	-
MI0004702	2	miR-500-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723974	miRBase:MI0004702	chrX	6814880	6814856	-
MI0004703	1	miR-501-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751560	miRBase:MI0004703	chrX	6818417	6818396	-
MI0004703	2	miR-501-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751560	miRBase:MI0004703	chrX	6818454	6818433	-
MI0004704	1	miR-717	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751531	miRBase:MI0004704	chrX	49775659	49775638	-
MI0004705	1	miR-450b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751532	miRBase:MI0004705	chrX	50401206	50401185	-
MI0004705	2	miR-450b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751532	miRBase:MI0004705	chrX	50401242	50401121	-
MI0004706	1	miR-505-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751545	miRBase:MI0004706	chrX	57647612	57647591	-
MI0004706	2	miR-505-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751545	miRBase:MI0004706	chrX	57647648	57647626	-
MI0004707	1	miR-718	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751533	miRBase:MI0004707	chrX	71269216	71269196	-
MI0004708	1	miR-721	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723975	miRBase:MI0004708	chr5	136851667	136851647	-
MI0004965	1	miR-652-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	723976	miRBase:MI0004965	chrX	139173586	139173563	+
MI0004965	2	miR-652-3p	32.0	28.0	126.0	90.0	5.1	4.9	7.0	5.8	723976	miRBase:MI0004965	chrX	139173623	139173603	+
MI0005002	1	miR-490-5p	34.0	0.0	2.0	0.0	5.2	0.0	1.1	0.0	735279	miRBase:MI0005002	chr6	36371782	36371763	+
MI0005002	2	miR-490-3p	90.0	3.0	0.0	0.0	6.6	1.6	0.0	0.0	735279	miRBase:MI0005002	chr6	36371821	36371800	+
MI0005003	1	miR-676-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751534	miRBase:MI0005003	chrX	97576474	97576453	+
MI0005003	2	miR-676-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751534	miRBase:MI0005003	chrX	97576510	97576490	+
MI0005004	1	miR-615-5p	9.0	1.0	0.0	1.0	3.3	0.0	0.0	0.0	751557	miRBase:MI0005004	chr15	102845378	102845357	+
MI0005004	2	miR-615-3p	19.0	62.0	0.0	0.0	4.4	6.0	0.0	0.0	751557	miRBase:MI0005004	chr15	102845421	102845400	+
MI0005203	1	miR-804	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10004954	miRBase:MI0005203	chr11	50171322	50171301	-
MI0005205	1	miR-741-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10004954	miRBase:MI0005205	chrX	64050006	64049984	-
MI0005205	2	miR-741-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10004954	miRBase:MI0005205	chrX	64050044	64050022	-
MI0005206	1	miR-742-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10004954	miRBase:MI0005206	chrX	64033572	64033551	-
MI0005206	2	miR-742-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10004954	miRBase:MI0005206	chrX	64033607	64033587	-
MI0005207	1	miR-743a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10004954	miRBase:MI0005207	chrX	64029956	64029935	-
MI0005207	2	miR-743a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10004954	miRBase:MI0005207	chrX	64029990	64029969	-
MI0005450	1	miR-181d-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10004954	miRBase:MI0005450	chr8	86702639	86702619	-
MI0005450	2	miR-181d-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10004954	miRBase:MI0005450	chr8	86702680	86702658	-
MI0005470	1	miR-743b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005470	chrX	64030462	64030441	-
MI0005470	2	miR-743b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005470	chrX	64030497	64030477	-
MI0005471	1	miR-871-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005471	chrX	64063635	64063613	-
MI0005471	2	miR-871-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005471	chrX	64063669	64063647	-
MI0005472	1	miR-879-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005472	chr5	93757734	93757714	+
MI0005472	2	miR-879-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005472	chr5	9375769	9375748	+
MI0005473	1	miR-880-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005473	chrX	64053736	64053715	-
MI0005473	2	miR-880-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005473	chrX	64053772	64053752	-
MI0005474	1	miR-881-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005474	chrX	64055150	64055129	-
MI0005474	2	miR-881-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005474	chrX	64055182	64055161	-
MI0005475	1	miR-882	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005475	chr12	110920438	110920417	+
MI0005476	1	miR-883a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005476	chrX	64033964	64033943	-

MI0005476	2	miR-883a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005476	chrX	64033999	64033978	-
MI0005477	1	miR-883b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005477	chrX	64043096	64043075	-
MI0005477	2	miR-883b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005477	chrX	64043132	64043111	-
MI0005478	1	miR-190b-5p	1.0	2.0	4.0	9.0	0.1	1.0	2.1	2.5	10012444	miRBase:MI0005478	chr3	89873972	89873952	+
MI0005478	2	miR-190b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005478	chr3	89874011	89873989	+
MI0005479	1	miR-874-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005479	chr13	58124517	58124496	-
MI0005479	2	miR-874-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005479	chr13	58124552	58124531	-
MI0005480	1	miR-876-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005480	chr4	36592437	36592416	-
MI0005480	2	miR-876-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005480	chr4	36592476	36592455	-
MI0005481	1	miR-105	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005481	chrX	69836908	69836886	-
MI0005482	1	miR-147-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	387165	miRBase:MI0005482	chr2	122466573	122466550	+
MI0005482	2	miR-147-3p	84.0	10.0	83.0	243.0	6.5	3.4	6.4	7.2	387165	miRBase:MI0005482	chr2	122466607	122466586	+
MI0005483	1	miR-18b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005483	chrX	50095540	50095519	-
MI0005483	2	miR-18b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005483	chrX	50095580	50095558	-
MI0005484	1	miR-193b-5p	59.0	11.0	42.0	16.0	6.0	3.5	5.4	3.3	10012444	miRBase:MI0005484	chr16	13449647	13449626	+
MI0005484	2	miR-193b-3p	8420.0	905.0	5231.0	2301.0	13.1	9.9	12.4	10.5	10012444	miRBase:MI0005484	chr16	13449684	13449663	+
MI0005488	1	miR-297a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005488	chr2	10437478	10437457	+
MI0005488	2	miR-297a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005488	chr2	10437517	10437496	+
MI0005489	1	miR-297a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005489	chr2	10438725	10438704	+
MI0005489	2	miR-297a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005489	chr2	10438764	10438743	+
MI0005492	1	miR-297c-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005492	chr2	10430674	10430653	+
MI0005492	2	miR-297c-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005492	chr2	10430713	10430692	+
MI0005493	1	miR-327	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005493	chr14	45567176	45567158	-
MI0005494	1	miR-343	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005494	chr7	19972056	19972037	+
MI0005495	1	miR-344-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005495	chr7	69084944	69084922	-
MI0005495	2	miR-344-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005495	chr7	69084984	69084959	-
MI0005496	1	miR-421-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005496	chrX	100768291	100768269	-
MI0005496	2	miR-421-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005496	chrX	100768325	100768305	-
MI0005497	1	miR-453	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005497	chr12	110973902	110973879	+
MI0005498	1	miR-465b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005498	chrX	64082408	64082387	-
MI0005498	2	miR-465b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005498	chrX	64082445	64082424	-
MI0005499	1	miR-465b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005499	chrX	64088970	64088949	-
MI0005499	2	miR-465b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005499	chrX	64089007	64088986	-
MI0005500	1	miR-465c-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005500	chrX	64079161	64079140	-
MI0005500	2	miR-465c-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005500	chrX	64079200	64079179	-
MI0005501	1	miR-465c-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005501	chrX	64085723	64085702	-
MI0005501	2	miR-465c-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005501	chrX	64085762	64085741	-
MI0005502	1	miR-466b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031664	miRBase:MI0005502	chr2	10395876	10395855	+
MI0005502	2	miR-466b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031664	miRBase:MI0005502	chr2	10395917	10395896	+
MI0005503	1	miR-466b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005503	chr2	10420342	10420321	+
MI0005503	2	miR-466b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005503	chr2	10420383	10420362	+
MI0005504	1	miR-466b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005504	chr2	10425222	10425201	+
MI0005504	2	miR-466b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005504	chr2	10425263	10425242	+
MI0005505	1	miR-466c-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031664	miRBase:MI0005505	chr2	10403194	10403171	+
MI0005505	2	miR-466c-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031664	miRBase:MI0005505	chr2	10403233	10403212	+
MI0005506	1	miR-466e-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031664	miRBase:MI0005506	chr2	10400747	10400726	+
MI0005506	2	miR-466e-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031664	miRBase:MI0005506	chr2	10400787	10400765	+
MI0005507	1	miR-466f-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005507	chr2	10388602	10388581	+
MI0005507	2	miR-466f-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005507	chr2	10388645	10388625	+
MI0005508	1	miR-466f-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005508	chr2	10390333	10390312	+
MI0005508	2	miR-466f-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005508	chr2	10390376	10390356	+
MI0005509	1	miR-466f-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005509	chr2	10393611	10393590	+
MI0005509	2	miR-466f-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005509	chr2	10393654	10393634	+
MI0005510	1	miR-466g	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005510	chr2	10436289	10436269	+
MI0005511	1	miR-466h-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005511	chr2	10436549	10436528	+
MI0005511	2	miR-466h-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10012444	miRBase:MI0005511	chr2	10436585	10436567	+

MI0005512	1	miR-467c-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	miRBase:MI0005512	chr2	10395589	10395568	+
MI0005512	2	miR-467c-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	miRBase:MI0005512	chr2	10395625	10395604	+
MI0005513	1	miR-467d-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	miRBase:MI0005513	chr2	10429288	10429267	+
MI0005513	2	miR-467d-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	miRBase:MI0005513	chr2	10429324	10429303	+
MI0005514	1	miR-493-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	miRBase:MI0005514	chr12	110818471	110818453	+
MI0005514	2	miR-493-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	miRBase:MI0005514	chr12	110818515	110818493	+
MI0005515	1	miR-504-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	miRBase:MI0005515	chrX	56350867	56350846	-
MI0005515	2	miR-504-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	miRBase:MI0005515	chrX	56350903	56350882	-
MI0005516	1	miR-509-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	miRBase:MI0005516	chrX	65263310	65263290	-
MI0005516	2	miR-509-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	miRBase:MI0005516	chrX	65263345	65263324	-
MI0005517	1	miR-568	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	miRBase:MI0005517	chr16	43640797	43640778	+
MI0005518	1	miR-574-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	miRBase:MI0005518	chr5	65361589	65361567	+
MI0005518	2	miR-574-3p	3729.0	1097.0	2139.0	3153.0	12.0	10.1	11.1	10.9	1001244	miRBase:MI0005518	chr5	65361624	65361603	+
MI0005520	1	miR-654-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	miRBase:MI0005520	chr12	110961466	110961445	+
MI0005520	2	miR-654-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	miRBase:MI0005520	chr12	110961501	110961480	+
MI0005521	1	miR-92b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	miRBase:MI0005521	chr3	89031069	89031048	-
MI0005521	2	miR-92b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	miRBase:MI0005521	chr3	89031110	89031087	-
MI0005546	1	miR-466d-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	miRBase:MI0005546	chr2	10433625	10433604	+
MI0005546	2	miR-466d-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	miRBase:MI0005546	chr2	10433664	10433644	+
MI0005547	1	miR-449b	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001907	miRBase:MI0005547	chr13	113827656	113827637	+
MI0005548	1	miR-878-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	miRBase:MI0005548	chrX	64054714	64054693	-
MI0005548	2	miR-878-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	miRBase:MI0005548	chrX	64054750	64054729	-
MI0005549	1	miR-872-5p	1.0	1.0	0.0	0.0	0.1	0.0	0.0	0.0	1001244	miRBase:MI0005549	chr4	94331878	94331858	+
MI0005549	2	miR-872-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	miRBase:MI0005549	chr4	94331918	94331897	+
MI0005550	1	miR-873-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	miRBase:MI0005550	chr4	36615573	36615553	-
MI0005550	2	miR-873-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	miRBase:MI0005550	chr4	36615609	36615589	-
MI0005551	1	miR-875-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	miRBase:MI0005551	chr15	35590757	35590737	-
MI0005551	2	miR-875-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	miRBase:MI0005551	chr15	35590792	35590771	-
MI0005552	1	miR-208b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	miRBase:MI0005552	chr14	55594568	55594547	-
MI0005552	2	miR-208b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	miRBase:MI0005552	chr14	55594603	55594582	-
MI0005553	1	miR-877-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	miRBase:MI0005553	chr17	36097697	36097676	-
MI0005553	2	miR-877-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	miRBase:MI0005553	chr17	36097759	36097740	-
MI0005554	1	miR-511-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	miRBase:MI0005554	chr2	14182660	14182640	+
MI0005554	2	miR-511-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	miRBase:MI0005554	chr2	14182699	14182678	+
MI0005555	1	miR-544-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	miRBase:MI0005555	chr12	110967565	110967545	+
MI0005555	2	miR-544-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	miRBase:MI0005555	chr12	110967602	110967581	+
MI0005556	1	miR-598-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	miRBase:MI0005556	chr14	64346058	64346036	+
MI0005556	2	miR-598-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	miRBase:MI0005556	chr14	64346094	64346073	+
MI0005557	1	miR-653-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	miRBase:MI0005557	chr6	3671335	3671315	-
MI0005557	2	miR-653-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	miRBase:MI0005557	chr6	3671375	3671355	-
MI0006127	1	miR-582-5p	0.0	0.0	22.0	79.0	0.0	0.0	4.5	5.6	1001244	miRBase:MI0006127	chr13	110114968	110114947	+
MI0006127	2	miR-582-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	miRBase:MI0006127	chr13	110115004	110114984	+
MI0006128	1	miR-467e-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	miRBase:MI0006128	chr2	10427379	10427358	+
MI0006128	2	miR-467e-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	miRBase:MI0006128	chr2	10427416	10427395	+
MI0006278	1	miR-466l-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1003167	miRBase:MI0006278	chr2	10437765	10437744	+
MI0006278	2	miR-466l-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1003167	miRBase:MI0006278	chr2	10437804	10437783	+
MI0006279	1	miR-669k-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1003166	miRBase:MI0006279	chr2	10396969	10396945	+
MI0006279	2	miR-669k-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1003166	miRBase:MI0006279	chr2	10397011	10396991	+
MI0006280	1	miR-669g	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1003168	miRBase:MI0006280	chr2	10398819	10398797	+
MI0006281	1	miR-669d-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1003166	miRBase:MI0006281	chr2	10390032	10390011	+
MI0006281	2	miR-669d-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1003166	miRBase:MI0006281	chr2	10390070	10390050	+
MI0006282	1	miR-466i-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1003166	miRBase:MI0006282	chr13	17839378	17839359	+
MI0006282	2	miR-466i-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1003166	miRBase:MI0006282	chr13	17839407	17839386	+
MI0006283	1	miR-1b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1003167	miRBase:MI0006283	chr18	10785504	10785484	+
MI0006283	2	miR-1b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1003167	miRBase:MI0006283	chr18	10785545	10785523	+
MI0006284	1	miR-1186	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1003166	miRBase:MI0006284	chr8	32213494	32213473	-

MI0006285	1	miR-1187	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031680	miRBase:MI0006285	chr5	83228011	83227989	-
MI0006286	1	miR-669j	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031677	miRBase:MI0006286	chr2	10399637	10399616	+
MI0006287	1	miR-669f-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031666	miRBase:MI0006287	chr2	10388898	10388875	+
MI0006287	2	miR-669f-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031666	miRBase:MI0006287	chr2	10388934	10388912	+
MI0006288	1	miR-669i	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031666	miRBase:MI0006288	chr2	10439318	10439298	+
MI0006289	1	miR-669h-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031683	miRBase:MI0006289	chr2	10439824	10439801	+
MI0006289	2	miR-669h-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031683	miRBase:MI0006289	chr2	10439867	10439846	+
MI0006290	1	miR-1188-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031666	miRBase:MI0006290	chr12	110850071	110850051	+
MI0006290	2	miR-1188-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031666	miRBase:MI0006290	chr12	110850111	110850087	+
MI0006291	1	miR-466f	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031680	miRBase:MI0006291	chr13	71246007	71245986	+
MI0006292	1	miR-466k	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031667	miRBase:MI0006292	chr3	85271340	85271318	+
MI0006293	1	miR-467f	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031674	miRBase:MI0006293	chr11	69448941	69448921	-
MI0006294	1	miR-1190	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031680	miRBase:MI0006294	chr12	102259923	102259902	-
MI0006295	1	miR-466j	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031667	miRBase:MI0006295	chr10	60423572	60423550	+
MI0006296	1	miR-1191	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031683	miRBase:MI0006296	chr7	27990654	27990634	+
MI0006297	1	miR-1192	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031667	miRBase:MI0006297	chr19	23223961	23223940	+
MI0006298	1	miR-1193-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031667	miRBase:MI0006298	chr12	110953945	110953926	+
MI0006298	2	miR-1193-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031667	miRBase:MI0006298	chr12	110953980	110953960	+
MI0006300	1	miR-669e-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031680	miRBase:MI0006300	chr2	10389185	10389164	+
MI0006300	2	miR-669e-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031680	miRBase:MI0006300	chr2	10389221	10389201	+
MI0006301	1	miR-467g	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031667	miRBase:MI0006301	chr5	35075541	35075521	-
MI0006302	1	miR-467h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031667	miRBase:MI0006302	chr9	115291037	115291016	+
MI0006303	1	miR-1195	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031667	miRBase:MI0006303	chr17	71209920	71209898	-
MI0006304	1	miR-1196-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031677	miRBase:MI0006304	chr14	62371075	62371060	-
MI0006304	2	miR-1196-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031677	miRBase:MI0006304	chr14	62371155	62371136	-
MI0006305	1	miR-1197-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031673	miRBase:MI0006305	chr12	110950591	110950571	+
MI0006305	2	miR-1197-3p	0.0	0.0	39.0	6.0	0.0	0.0	5.3	1.9	10031673	miRBase:MI0006305	chr12	110950626	110950606	+
MI0006306	1	miR-1198-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031680	miRBase:MI0006306	chrX	7384289	7384268	+
MI0006306	2	miR-1198-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031680	miRBase:MI0006306	chrX	7384327	7384306	+
MI0006307	1	miR-1199-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031667	miRBase:MI0006307	chr8	86535468	86535448	-
MI0006307	2	miR-1199-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031667	miRBase:MI0006307	chr8	86535512	86535493	-
MI0008313	1	miR-1902	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031667	miRBase:MI0008313	chr2	104269049	104269028	-
MI0008314	1	miR-1897-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031667	miRBase:MI0008314	chr3	34537417	34537396	+
MI0008314	2	miR-1897-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031667	miRBase:MI0008314	chr3	34537454	34537433	+
MI0008315	1	miR-1905	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031680	miRBase:MI0008315	chr3	88340254	88340233	-
MI0008316	1	miR-1895	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031683	miRBase:MI0008316	chr3	133903500	133903479	-
MI0008317	1	miR-1903	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031668	miRBase:MI0008317	chr8	130883172	130883151	+
MI0008318	1	miR-1899	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031677	miRBase:MI0008318	chr9	8246817	8246796	+
MI0008319	1	miR-1900	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031668	miRBase:MI0008319	chr9	20836726	20836705	-
MI0008320	1	miR-1892	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031668	miRBase:MI0008320	chr12	55746951	55746930	+
MI0008321	1	miR-1906	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031680	miRBase:MI0008321	chr12	110782819	110782798	+
MI0008322	1	miR-1896	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031673	miRBase:MI0008322	chr13	21537099	21537078	+
MI0008323	1	miR-1904	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031668	miRBase:MI0008323	chr13	110694048	110694027	+
MI0008324	1	miR-1898	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031668	miRBase:MI0008324	chr15	12101278	12101257	+
MI0008325	1	miR-1907	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031668	miRBase:MI0008325	chr15	50720602	50720581	-
MI0008326	1	miR-1894-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031683	miRBase:MI0008326	chr17	36054865	36054844	+
MI0008326	2	miR-1894-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031683	miRBase:MI0008326	chr17	36054904	36054883	+
MI0008327	1	miR-1893	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031677	miRBase:MI0008327	chr18	6490593	6490572	-
MI0008328	1	miR-1901	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031668	miRBase:MI0008328	chr18	11998901	11998880	-
MI0009914	1	miR-1927	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031673	miRBase:MI0009914	chr1	162226038	162226016	-
MI0009917	1	miR-1928	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031668	miRBase:MI0009917	chr1	74253152	74253136	-
MI0009918	1	miR-1929-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031668	miRBase:MI0009918	chr10	44079520	44079498	+
MI0009918	2	miR-1929-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031668	miRBase:MI0009918	chr10	44079561	44079540	+
MI0009919	1	miR-1930-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031683	miRBase:MI0009919	chr10	77104002	77103981	+
MI0009919	2	miR-1930-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031683	miRBase:MI0009919	chr10	77104040	77104019	+
MI0009920	1	miR-1931	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031668	miRBase:MI0009920	chr10	92625645	92625624	+

MI0009921	1	miR-1932	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031663	miRBase:MI0009921	chr11	119251859	119251838	+
MI0009922	1	miR-1933-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031673	miRBase:MI0009922	chr11	21244624	21244603	-
MI0009922	2	miR-1933-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031673	miRBase:MI0009922	chr11	21244666	21244643	-
MI0009923	1	miR-1934-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031684	miRBase:MI0009923	chr11	69476579	69476557	+
MI0009923	2	miR-1934-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031684	miRBase:MI0009923	chr11	69476615	69476594	+
MI0009924	1	miR-1935	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031669	miRBase:MI0009924	chr11	85336251	85336230	+
MI0009925	1	miR-1936	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031681	miRBase:MI0009925	chr12	103923175	103923153	-
MI0009927	1	miR-1938	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031669	miRBase:MI0009927	chr12	40949390	40949369	-
MI0009929	1	miR-1940	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031681	miRBase:MI0009929	chr13	96100580	96100554	+
MI0009930	1	miR-1941-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031669	miRBase:MI0009930	chr15	101199818	101199795	+
MI0009930	2	miR-1941-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031669	miRBase:MI0009930	chr15	101199852	101199832	+
MI0009931	1	miR-1942	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031677	miRBase:MI0009931	chr15	76046071	76046051	-
MI0009932	1	miR-1943-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031669	miRBase:MI0009932	chr15	79205686	79205666	-
MI0009932	2	miR-1943-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031669	miRBase:MI0009932	chr15	79205723	79205701	-
MI0009934	1	miR-1945	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031681	miRBase:MI0009934	chr16	11254495	11254474	-
MI0009935	1	miR-1306-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031681	miRBase:MI0009935	chr16	18284361	18284341	-
MI0009935	2	miR-1306-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031681	miRBase:MI0009935	chr16	18284403	18284381	-
MI0009936	1	miR-1946a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031669	miRBase:MI0009936	chr16	32267652	32267626	-
MI0009937	1	miR-1947-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031669	miRBase:MI0009937	chr16	33105482	33105461	+
MI0009937	2	miR-1947-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031669	miRBase:MI0009937	chr16	33105518	33105497	+
MI0009939	1	miR-1948-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031669	miRBase:MI0009939	chr18	12873354	12873334	+
MI0009939	2	miR-1948-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031669	miRBase:MI0009939	chr18	12873392	12873371	+
MI0009940	1	miR-1949	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031670	miRBase:MI0009940	chr18	35714289	35714266	+
MI0009941	1	miR-1950	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031677	miRBase:MI0009941	chr19	35039913	35039892	+
MI0009942	1	miR-669l-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031681	miRBase:MI0009942	chr2	10390637	10390616	+
MI0009942	2	miR-669l-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031681	miRBase:MI0009942	chr2	10390675	10390654	+
MI0009943	1	miR-669m-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031670	miRBase:MI0009943	chr2	10434463	10434441	+
MI0009943	2	miR-669m-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031670	miRBase:MI0009943	chr2	10434495	10434474	+
MI0009944	1	miR-669m-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031681	miRBase:MI0009944	chr2	10435106	10435084	+
MI0009944	2	miR-669m-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031681	miRBase:MI0009944	chr2	10435138	10435117	+
MI0009945	1	miR-669o-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031670	miRBase:MI0009945	chr2	10435967	10435945	+
MI0009945	2	miR-669o-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031670	miRBase:MI0009945	chr2	10436004	10435982	+
MI0009946	1	miR-1951	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031670	miRBase:MI0009946	chr2	115464534	115464513	+
MI0009947	1	miR-1952	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031681	miRBase:MI0009947	chr2	138645695	138645679	+
MI0009948	1	miR-1953	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031670	miRBase:MI0009948	chr2	151793338	151793317	-
MI0009949	1	miR-1954	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031677	miRBase:MI0009949	chr2	32507882	32507862	+
MI0009950	1	miR-1955-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031673	miRBase:MI0009950	chr2	92032175	92032151	+
MI0009950	2	miR-1955-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031673	miRBase:MI0009950	chr2	92032212	92032192	+
MI0009951	1	miR-669n	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031670	miRBase:MI0009951	chr3	115682842	115682823	+
MI0009952	1	miR-1956	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031670	miRBase:MI0009952	chr3	138189410	138189389	+
MI0009954	1	miR-1957	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031670	miRBase:MI0009954	chr4	118802415	118802397	+
MI0009955	1	miR-1958	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031670	miRBase:MI0009955	chr4	48226027	48226006	-
MI0009957	1	miR-1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031670	miRBase:MI0009957	chr5	30497312	30497291	+
MI0009958	1	miR-1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031681	miRBase:MI0009958	chr5	93217507	93217491	-
MI0009959	1	miR-1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031681	miRBase:MI0009959	chr7	142757938	142757917	+
MI0009960	1	miR-1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031677	miRBase:MI0009960	chr7	29868712	29868690	-
MI0009961	1	miR-1964-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031677	miRBase:MI0009961	chr7	30558345	30558324	+
MI0009961	2	miR-1964-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031677	miRBase:MI0009961	chr7	30558384	30558363	+
MI0009962	1	miR-1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031673	miRBase:MI0009962	chr7	87297802	87297782	-
MI0009963	1	miR-1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031677	miRBase:MI0009963	chr8	108139405	108139381	+
MI0009964	1	miR-1967	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031681	miRBase:MI0009964	chr8	126546610	126546588	+
MI0009965	1	miR-1968-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031677	miRBase:MI0009965	chr8	13189055	13189035	-
MI0009965	2	miR-1968-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031677	miRBase:MI0009965	chr8	13189091	13189068	-
MI0009966	1	miR-1969	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031677	miRBase:MI0009966	chr8	73449462	73449440	+
MI0009967	1	miR-1946b	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031677	miRBase:MI0009967	chr9	21417921	21417896	-
MI0009968	1	miR-1970	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10031681	miRBase:MI0009968	chrX	132320735	132320713	-

MI0009970	1	miR-1971	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1003167	miRBase:MI0009970	chr14	78591275	78591258	-
MI0009990	1	miR-1983	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1003167	miRBase:MI0009990	chr13	21988819	21988799	-
MI0009991	1	miR-1839-5p	1458.0	230.0	108.0	112.0	10.6	7.9	6.8	6.1	1003167	miRBase:MI0009991	chr7	88674826	88674805	+
MI0009991	2	miR-1839-3p	11.0	5.0	0.0	0.0	3.6	2.4	0.0	0.0	1003167	miRBase:MI0009991	chr7	88674866	88674844	+
MI0009992	1	miR-1981-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1003168	miRBase:MI0009992	chr1	186646308	186646288	-
MI0009992	2	miR-1981-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1003168	miRBase:MI0009992	chr1	186646367	186646344	-
MI0009993	1	miR-1982-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1003167	miRBase:MI0009993	chr10	80291572	80291553	+
MI0009993	2	miR-1982.1-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1003167	miRBase:MI0009993	chr10	80291615	80291593	+
MI0009993	3	miR-1982.2-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1003167	miRBase:MI0009993	chr10	80291615	80291595	+
MI0010690	1	miR-683	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001246	miRBase:MI0010690	chr13	50696379	50696359	-
MI0010749	1	miR-2136	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1003167	miRBase:MI0010749	chr9	104328513	104328493	+
MI0010750	1	miR-2137	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1003167	miRBase:MI0010750	chrX	70237472	70237452	+
MI0010752	1	miR-2139	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1003167	miRBase:MI0010752	chr4	139523469	139523446	-
MI0012528	1	miR-432	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1003167	miRBase:MI0012528	chr12	110833238	110833216	+
MI0012529	1	miR-599	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1003167	miRBase:MI0012529	chr15	35590619	35590601	-
MI0012530	1	miR-767	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1003168	miRBase:MI0012530	chrX	69835409	69835389	-
MI0012531	1	miR-664-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1003167	miRBase:MI0012531	chr1	187066874	187066854	+
MI0012531	2	miR-664-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1003167	miRBase:MI0012531	chr1	187066912	187066891	+
MI0013007	1	miR-2861	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1004995	miRBase:MI0013007	chr2	32568357	32568339	-
MI0014020	1	miR-3057-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014020	chr10	80734378	80734355	+
MI0014020	2	miR-3057-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014020	chr10	80734420	80734399	+
MI0014021	1	miR-1251-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014021	chr10	91599917	91599897	-
MI0014021	2	miR-1251-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014021	chr10	91599955	91599935	-
MI0014022	1	miR-3060-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014022	chr11	4039399	4039380	+
MI0014022	2	miR-3060-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014022	chr11	4039437	4039416	+
MI0014023	1	miR-3061-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014023	chr11	51940282	51940261	+
MI0014023	2	miR-3061-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014023	chr11	51940327	51940306	+
MI0014024	1	miR-3062-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014024	chr11	68804117	68804099	-
MI0014024	2	miR-3062-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014024	chr11	68804161	68804140	-
MI0014025	1	miR-3063-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014025	chr11	95824639	95824618	-
MI0014025	2	miR-3063-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014025	chr11	95824681	95824661	-
MI0014026	1	miR-3064-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014026	chr11	106644030	106644009	-
MI0014026	2	miR-3064-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014026	chr11	106644071	106644050	-
MI0014027	1	miR-3065-5p	10.0	0.0	8.0	17.0	3.4	0.0	3.1	3.4	1005265	miRBase:MI0014027	chr11	119876115	119876094	+
MI0014027	2	miR-3065-3p	2.0	0.0	4.0	11.0	1.1	0.0	2.1	2.7	1005265	miRBase:MI0014027	chr11	119876155	119876133	+
MI0014028	1	miR-3066-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014028	chr12	17362231	17362210	+
MI0014028	2	miR-3066-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014028	chr12	17362268	17362247	+
MI0014029	1	miR-3067-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014029	chr12	82267174	82267152	+
MI0014029	2	miR-3067-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014029	chr12	82267210	82267188	+
MI0014030	1	miR-3068-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014030	chr12	88778656	88778635	-
MI0014030	2	miR-3068-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014030	chr12	88778697	88778674	-
MI0014031	1	miR-3069-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014031	chr12	106269309	106269288	-
MI0014031	2	miR-3069-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014031	chr12	106269350	106269327	-
MI0014032	1	miR-3070a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014032	chr12	110826191	110826169	+
MI0014032	2	miR-3070a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014032	chr12	110826230	110826209	+
MI0014033	1	miR-3070b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014033	chr12	110826840	110826818	+
MI0014033	2	miR-3070b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014033	chr12	110826879	110826858	+
MI0014034	1	miR-3071-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014034	chr12	110833560	110833539	-
MI0014034	2	miR-3071-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014034	chr12	110833594	110833573	-
MI0014035	1	miR-3072-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1004995	miRBase:MI0014035	chr12	110986124	110986103	+
MI0014035	2	miR-3072-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1004995	miRBase:MI0014035	chr12	110986159	110986138	+
MI0014036	1	miR-3073-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014036	chr12	113347484	113347463	+
MI0014036	2	miR-3073-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014036	chr12	113347522	113347501	+
MI0014037	1	miR-3074-1-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014037	chr13	63402540	63402519	-
MI0014037	2	miR-3074-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014037	chr13	63402578	63402557	-
MI0014038	1	miR-3075-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014038	chr14	26353957	26353937	+

MI0014038	2	miR-3075-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014038	chr14	26353997	26353977	+
MI0014039	1	miR-3076-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014039	chr14	31385359	31385336	+
MI0014039	2	miR-3076-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014039	chr14	31385393	31385371	+
MI0014040	1	miR-3077-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014040	chr14	58417285	58417261	+
MI0014040	2	miR-3077-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014040	chr14	58417324	58417303	+
MI0014041	1	miR-3078-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014041	chr14	65210059	65210037	+
MI0014041	2	miR-3078-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014041	chr14	65210095	65210076	+
MI0014042	1	miR-3079-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014042	chr15	76121341	76121321	-
MI0014042	2	miR-3079-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014042	chr15	76121384	76121362	-
MI0014043	1	miR-3080-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014043	chr15	82789679	82789658	-
MI0014043	2	miR-3080-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014043	chr15	82789715	82789696	-
MI0014044	1	miR-3081-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014044	chr16	44558193	44558171	-
MI0014044	2	miR-3081-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014044	chr16	44558227	44558205	-
MI0014045	1	miR-3082-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014045	chr17	25968332	25968311	-
MI0014045	2	miR-3082-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014045	chr17	25968372	25968351	-
MI0014046	1	miR-3083-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014046	chr17	27085024	27085003	-
MI0014046	2	miR-3083-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014046	chr17	27085059	27085038	-
MI0014047	1c	miR-3084-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014047	chr19	25016750	25016730	-
MI0014047	1c	miR-3084-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014047	chr19	25016787	25016766	-
MI0014047	2c	miR-3084-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014047	chr19	60850257	60850237	-
MI0014047	2c	miR-3084-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014047	chr19	60850294	60850273	-
MI0014048	1	miR-3085-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014048	chr19	42354605	42354585	-
MI0014048	2	miR-3085-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014048	chr19	42354645	42354621	-
MI0014049	1	miR-3086-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014049	chr19	58986197	58986176	-
MI0014049	2	miR-3086-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014049	chr19	58986234	58986215	-
MI0014050	1	miR-466m-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014050	chr2	10388326	10388304	+
MI0014050	2	miR-466m-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014050	chr2	10388361	10388340	+
MI0014051	1	miR-669d-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014051	chr2	10393306	10393285	+
MI0014051	2	miR-669d-2-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014051	chr2	10393344	10393323	+
MI0014052	1	miR-466o-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014052	chr2	10394201	10394180	+
MI0014052	2	miR-466o-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014052	chr2	10394237	10394216	+
MI0014053	1	miR-467a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014053	chr2	10400460	10400439	+
MI0014053	2	miR-467a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014053	chr2	10400495	10400474	+
MI0014054	1	miR-669a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014054	chr2	10400980	10400957	+
MI0014054	2	miR-669a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014054	chr2	10401015	10400993	+
MI0014055	1	miR-669a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014055	chr2	10403426	10403403	+
MI0014055	2	miR-669a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014055	chr2	10403461	10403439	+
MI0014056	1	miR-467a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014056	chr2	10405340	10405319	+
MI0014056	2	miR-467a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014056	chr2	10405375	10405354	+
MI0014057	1	miR-466c-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014057	chr2	10405629	10405606	+
MI0014057	2	miR-466c-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014057	chr2	10405668	10405647	+
MI0014058	1	miR-669a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014058	chr2	10405861	10405838	+
MI0014058	2	miR-669a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014058	chr2	10405896	10405874	+
MI0014059	1	miR-467a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014059	chr2	10407797	10407776	+
MI0014059	2	miR-467a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014059	chr2	10407832	10407811	+
MI0014060	1	miR-466b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014060	chr2	10408084	10408063	+
MI0014060	2	miR-466b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014060	chr2	10408125	10408104	+
MI0014061	1	miR-669a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014061	chr2	10408318	10408295	+
MI0014061	2	miR-669a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014061	chr2	10408353	10408331	+
MI0014062	1	miR-467a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014062	chr2	10410261	10410240	+
MI0014062	2	miR-467a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014062	chr2	10410296	10410275	+
MI0014063	1	miR-466b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014063	chr2	10410546	10410525	+
MI0014063	2	miR-466b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014063	chr2	10410587	10410566	+
MI0014064	1	miR-669p-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014064	chr2	10410780	10410757	+
MI0014064	2	miR-669p-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014064	chr2	10410817	10410794	+
MI0014065	1	miR-467a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014065	chr2	10412710	10412689	+

[illegible]

MI0014093	2	miR-3101-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014093	chr7	27961097	27961077	-
MI0014094	1	miR-344e-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014094	chr7	68880446	68880425	-
MI0014094	2	miR-344e-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014094	chr7	68880484	68880465	-
MI0014095	1	miR-344b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014095	chr7	68935429	68935408	-
MI0014095	2	miR-344b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014095	chr7	68935464	68935442	-
MI0014096	1	miR-344c-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014096	chr7	68982231	68982209	-
MI0014096	2	miR-344c-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014096	chr7	68982271	68982249	-
MI0014097	1	miR-344g-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014097	chr7	69127202	69127181	-
MI0014097	2	miR-344g-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014097	chr7	69127241	69127221	-
MI0014098	1	miR-344f-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014098	chr7	69191089	69191069	-
MI0014098	2	miR-344f-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014098	chr7	69191132	69191111	-
MI0014099	1	miR-3102-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014099	chr7	108030843	108030821	-
MI0014099	2	miR-3102-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014099	chr7	108030864	108030844	-
MI0014099	3	miR-3102-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014099	chr7	108030901	108030881	-
MI0014099	4	miR-3102-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014099	chr7	108030923	108030902	-
MI0014100	1	miR-3103-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014100	chr7	135431905	135431884	-
MI0014100	2	miR-3103-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014100	chr7	135431948	135431928	-
MI0014101	1	miR-3104-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014101	chr7	149178109	149178085	+
MI0014101	2	miR-3104-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014101	chr7	149178145	149178123	+
MI0014102	1	miR-3105-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014102	chr7	151195193	151195172	+
MI0014102	2	miR-3105-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014102	chr7	151195230	151195209	+
MI0014103	1	miR-3107-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014103	chr8	24253078	24253059	-
MI0014103	2	miR-3107-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014103	chr8	24253120	24253099	-
MI0014104	1	miR-3074-2-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014104	chr8	86732757	86732738	-
MI0014104	2	miR-3074-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014104	chr8	86732793	86732772	-
MI0014105	1	miR-3108-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014105	chr8	111460792	111460770	+
MI0014105	2	miR-3108-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014105	chr8	111460831	111460811	+
MI0014106	1	miR-3109-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014106	chr9	69304788	69304765	+
MI0014106	2	miR-3109-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014106	chr9	69304824	69304804	+
MI0014107	1	miR-3110-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014107	chrX	35563650	35563630	+
MI0014107	2	miR-3110-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014107	chrX	35563686	35563665	+
MI0014108	1	miR-374c-5p	0.0	0.0	1.0	0.0	0.0	0.0	0.1	0.0	1005265	miRBase:MI0014108	chrX	100768444	100768425	+
MI0014108	2	miR-374c-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014108	chrX	100768470	100768452	+
MI0014109	1	miR-3112-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014109	chrX	130609889	130609869	+
MI0014109	2	miR-3112-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014109	chrX	130609925	130609905	+
MI0014110	1	miR-1912-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014110	chrX	143444020	143443999	+
MI0014110	2	miR-1912-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014110	chrX	143444057	143444036	+
MI0014111	1	miR-3113-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014111	chrX	148294139	148294118	+
MI0014111	2	miR-3113-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014111	chrX	148294168	148294149	+
MI0014112	1	miR-466b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014112	chr2	10398288	10398267	+
MI0014112	2	miR-466b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014112	chr2	10398329	10398308	+
MI0014696	1	miR-3470a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1004995	miRBase:MI0014696	chr6	83040374	83040354	-
MI0014697	1	miR-3470b	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1004995	miRBase:MI0014697	chr16	44014018	44013998	+
MI0014699	1	miR-3471	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1004995	miRBase:MI0014699	chr4	10772753	10772732	-
MI0014701	1	miR-3471	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1004995	miRBase:MI0014701	chr4	3464271	3464250	+
MI0014704	1	miR-3472	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1004995	miRBase:MI0014704	chrX	141473957	141473933	+
MI0014705	1	miR-1186b	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1004995	miRBase:MI0014705	chr8	98487465	98487444	+
MI0014706	1	miR-3473	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1004995	miRBase:MI0014706	chrX	159312869	159312852	-
MI0014707	1	miR-3474	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1004995	miRBase:MI0014707	chr2	158464340	158464319	+
MI0015984	1	miR-1906	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1004995	miRBase:MI0015984	chrX	86004845	86004824	-
MI0016963	1	miR-3960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1006286	miRBase:MI0016963	chr2	32568446	32568427	-
MI0016965	1	miR-3961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1006286	miRBase:MI0016965	chr13	82837295	82837277	-
MI0016966	1	miR-28c	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1006285	miRBase:MI0016966	chr15	53445790	53445771	-
MI0016967	1	miR-3962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1006286	miRBase:MI0016967	chr1	196648248	196648229	+
MI0016968	1	miR-3963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1006285	miRBase:MI0016968	chr3	150686821	150686803	-
MI0016969	1	miR-3096b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1006285	miRBase:MI0016969	chr5	23358049	23358029	+

MI0016969	2	miR-3096b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062856	miRBase:MI0016969	chr5	23358098	23358079	+
MI0016970	1	miR-3964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062860	miRBase:MI0016970	chr15	29643111	29643092	-
MI0016971	1	miR-1843b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062862	miRBase:MI0016971	chr1	161270513	161270493	+
MI0016971	2	miR-1843b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062862	miRBase:MI0016971	chr1	161270550	161270531	+
MI0016972	1	miR-3965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062857	miRBase:MI0016972	chr5	134802382	134802364	+
MI0016973	1	miR-378b	125.0	0.0	13.0	5.0	7.1	0.0	3.8	1.6	10062857	miRBase:MI0016973	chr11	88166360	88166341	+
MI0016974	1	miR-101c	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062857	miRBase:MI0016974	chr9	3038698	3038680	-
MI0016975	1	miR-3966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062867	miRBase:MI0016975	chr10	96886147	96886127	+
MI0016976	1	miR-3967	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062860	miRBase:MI0016976	chr2	22509860	22509841	+
MI0016977	1	miR-3968	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062862	miRBase:MI0016977	chr11	115309303	115309283	-
MI0016978	1	miR-3969	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062857	miRBase:MI0016978	chr5	88025007	88024988	-
MI0016979	1	miR-28b	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062857	miRBase:MI0016979	chr8	75540442	75540422	+
MI0016980	1	miR-3970	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062857	miRBase:MI0016980	chr19	33231631	33231612	+
MI0016981	1	miR-3971	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062862	miRBase:MI0016981	chr11	75365003	75364982	+
MI0016997	1	miR-3473b	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062860	miRBase:MI0016997	chr10	41390599	41390580	+
MI0017931	1	miR-5046	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062857	miRBase:MI0017931	chr19	6904430	6904407	-
MI0018005	1	miR-5097	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062867	miRBase:MI0018005	chr18	41356185	41356162	+
MI0018006	1	miR-5098	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062857	miRBase:MI0018006	chr5	77701812	77701792	+
MI0018007	1	miR-5099	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062857	miRBase:MI0018007	chr12	37542856	37542837	+
MI0018008	1	miR-5100	0.0	0.0	1.0	3.0	0.0	0.0	0.1	0.9	10062862	miRBase:MI0018008	chr11	60542220	60542200	+
MI0018009	1	miR-5101	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062867	miRBase:MI0018009	chr12	77010162	77010141	+
MI0018010	1	miR-5102	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062857	miRBase:MI0018010	chr7	137977990	137977967	+
MI0018011	1	miR-5103	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062858	miRBase:MI0018011	chr1	34489994	34489975	-
MI0018012	1	miR-5104	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062858	miRBase:MI0018012	chr10	7556262	7556239	+
MI0018013	1	miR-5105	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062862	miRBase:MI0018013	chr5	147072608	147072589	+
MI0018014	1	miR-5106	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062867	miRBase:MI0018014	chr4	44234091	44234069	-
MI0018015	1	miR-3473c	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062858	miRBase:MI0018015	chr1	193822504	193822483	-
MI0018016	1	miR-5107	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062867	miRBase:MI0018016	chr18	60971760	60971740	+
MI0018017	1	miR-5108	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062858	miRBase:MI0018017	chr10	61237561	61237543	+
MI0018018	1	miR-5109	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062858	miRBase:MI0018018	chr5	17282599	17282577	-
MI0018019	1	miR-5110	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062862	miRBase:MI0018019	chr11	85574201	85574177	-
MI0018020	1	miR-5111-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062858	miRBase:MI0018020	chr2	156959672	156959654	-
MI0018020	2	miR-5111-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062858	miRBase:MI0018020	chr2	156959696	156959681	-
MI0018021	1	miR-5112	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062858	miRBase:MI0018021	chr18	82889701	82889683	+
MI0018022	1	miR-5113	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062867	miRBase:MI0018022	chr15	80770501	80770479	+
MI0018023	1	miR-5114	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062867	miRBase:MI0018023	chr19	44377682	44377661	+
MI0018024	1	miR-5115	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062858	miRBase:MI0018024	chr2	72850968	72850950	-
MI0018025	1	miR-5116	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062862	miRBase:MI0018025	chrX	53841089	53841069	-
MI0018026	1	miR-5117-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062858	miRBase:MI0018026	chr1	162967513	162967491	+
MI0018026	2	miR-5117-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062858	miRBase:MI0018026	chr1	162967565	162967547	+
MI0018027	1	miR-5118	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062858	miRBase:MI0018027	chr16	55494901	55494883	+
MI0018028	1	miR-5119	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062867	miRBase:MI0018028	chr11	98123970	98123952	+
MI0018029	1	miR-5120	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062858	miRBase:MI0018029	chr4	44620430	44620408	-
MI0018030	1	miR-5121	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062862	miRBase:MI0018030	chr7	52382315	52382295	-
MI0018031	1	miR-5122	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062862	miRBase:MI0018031	chr4	132925718	132925699	+
MI0018032	1	miR-466q	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062858	miRBase:MI0018032	chr3	28318929	28318910	+
MI0018033	1	miR-3473d	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062858	miRBase:MI0018033	chr8	113540421	113540398	-
MI0018034	1	miR-5123	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062867	miRBase:MI0018034	chr4	40797113	40797090	-
MI0018035	1	miR-5124	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062862	miRBase:MI0018035	chr13	40961189	40961170	+
MI0018036	1	miR-5125	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062858	miRBase:MI0018036	chr17	23960325	23960306	+
MI0018037	1	miR-3572	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062858	miRBase:MI0018037	chr7	3607634	3607612	+
MI0018038	1	miR-5126	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062858	miRBase:MI0018038	chr1	84692486	84692465	+
MI0018039	1	miR-5127	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062858	miRBase:MI0018039	chr18	82188777	82188759	-
MI0018040	1	miR-5128	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062858	miRBase:MI0018040	chr2	37543754	37543732	-
MI0018041	1	miR-5129	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062858	miRBase:MI0018041	chr2	44878687	44878666	-
MI0018042	1	miR-5130	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062858	miRBase:MI0018042	chr14	103381848	103381825	-

MI0018043	1	miR-5131	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062860	miRBase:MI0018043	chr14	46277669	46277647	-
MI0018044	1	miR-5132	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062860	miRBase:MI0018044	chrX	71268930	71268910	-
MI0018045	1	miR-5133	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062860	miRBase:MI0018045	chr9	61970392	61970372	-
MI0018046	1	miR-5134	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062860	miRBase:MI0018046	chr17	24371540	24371520	-
MI0018047	1	miR-5135	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062860	miRBase:MI0018047	chr12	77634153	77634130	-
MI0018048	1	miR-5136	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10062860	miRBase:MI0018048	chr19	8963218	8963199	-
MI0019179	1	miR-3544-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019179	chr12	110824044	110824023	-
MI0019179	2	miR-3544-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019179	chr12	110824083	110824061	-
MI0019180	1	miR-299b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019180	chr12	110948872	110948855	-
MI0019180	2	miR-299b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019180	chr12	110948903	110948883	-
MI0019181	1	miR-5615-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019181	chr10	80567380	80567359	-
MI0019181	2	miR-5615-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019181	chr10	80567418	80567397	-
MI0019182	1	miR-5615-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019182	chr10	80567382	80567361	+
MI0019182	2	miR-5615-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019182	chr10	80567420	80567399	+
MI0019183	1	miR-1231-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019183	chr1	137351202	137351180	-
MI0019183	2	miR-1231-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019183	chr1	137351260	137351238	-
MI0019184	1	miR-5616-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019184	chr4	148911992	148911972	+
MI0019184	2	miR-5616-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019184	chr4	148912031	148912010	+
MI0019185	1	miR-5617-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019185	chrX	20440272	20440252	-
MI0019185	2	miR-5617-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019185	chrX	20440308	20440286	-
MI0019186	1	miR-5618-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019186	chr9	7784409	7784390	+
MI0019186	2	miR-5618-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019186	chr9	7784440	7784423	+
MI0019187	1	miR-5619-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019187	chr5	104477042	104477022	+
MI0019187	2	miR-5619-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019187	chr5	104477082	104477061	+
MI0019188	1	miR-5620-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019188	chr7	7251624	7251602	+
MI0019188	2	miR-5620-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019188	chr7	7251657	7251637	+
MI0019189	1	miR-5621-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019189	chr11	115657160	115657138	+
MI0019189	2	miR-5621-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019189	chr11	115657200	115657180	+
MI0019190	1	miR-5622-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019190	chr2	152690824	152690803	+
MI0019190	2	miR-5622-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019190	chr2	152690862	152690841	+
MI0019191	1	miR-5623-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019191	chr19	58125680	58125657	+
MI0019191	2	miR-5623-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019191	chr19	58125726	58125705	+
MI0019192	1	miR-3073b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019192	chr12	113347482	113347461	-
MI0019192	2	miR-3073b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019192	chr12	113347520	113347499	-
MI0019193	1	miR-5624-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019193	chr13	94560749	94560732	+
MI0019193	2	miR-5624-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019193	chr13	94560792	94560771	+
MI0019194	1	miR-5625-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019194	chr5	30950329	30950309	+
MI0019194	2	miR-5625-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019194	chr5	30950388	30950364	+
MI0019195	1	miR-5626-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019195	chr9	70253522	70253501	-
MI0019195	2	miR-5626-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019195	chr9	70253560	70253539	-
MI0019196	1	miR-344h-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019196	chr7	68884257	68884236	-
MI0019196	2	miR-344h-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019196	chr7	68884295	68884276	-
MI0019197	1	miR-344h-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019197	chr7	68887273	68887252	-
MI0019197	2	miR-344h-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019197	chr7	68887311	68887292	-
MI0019198	1	miR-5627-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019198	chr12	45311321	45311300	+
MI0019198	2	miR-5627-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019198	chr12	45311360	45311337	+
MI0019317	1	miR-344i	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019317	chr7	69230186	69230167	-
MI0019318	1	miR-5709	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019318	chr17	67375558	67375537	-
MI0019319	1	miR-5710	0.0	0.0	0.0	0.0	0.0	0.0	0.0		miRBase:MI0019319	chr9	54556145	54556124	+