HOKKAIDO UNIVERSITY

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

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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:RF00027	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:RF00027	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:RF00027	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:RF00027	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	1000937(	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	1000937(	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	1003167(	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	1003167(	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	1005265(	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	1005265(	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	1005264(	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	1005264(	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	1005264(	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	1005264(	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_ch	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_ch	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	50401221	-
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	1000495	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	1000495	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	1000495	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	1000495	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	1000495	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	1000495	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	1000495	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	1000495	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	1000495	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	miRBase:MI0005472	chr5	9375734	9375714	+
MI0005472_2	miR-879-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1003166	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	1003166	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	1001244	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	1001244	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	1001244	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	1001244	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	1003166	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	1003166	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	1003166	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	1003166	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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	1001244	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-5p	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-3p	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	1003168(	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	1003167	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	1003166	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	1003166	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	1003166	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	1003168	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	1003168	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	1003166	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	1003166	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	1003168(	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	1003166	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	1003167	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	1003168(	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	1003166	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	1003168	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	1003166	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	1003166	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	1003166	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	1003168(	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	1003168	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	1003166	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	1003166	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	1003166	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	1003167	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	1003167	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	1003167	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	1003167	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	1003168(	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	1003168(	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	1003166	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	1003166	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	1003166	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	1003166	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	1003166	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	1003168(	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	1003168	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	1003166	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	1003167	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	1003166	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	1003166	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	1003168(	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	1003167	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	1003166	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	1003166	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	1003166	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	1003168	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	1003168	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	1003167	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	1003166	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	1003167	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	1003166	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	1003166	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	1003166	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	1003168	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	1003168	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	1003166	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	1003166	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	1003167	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	1003167	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	1003168	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	1003168	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	1003166	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	1003168	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	1003166	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	1003168	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	1003166	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	1003166	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	1003167	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	1003166	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	1003166	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	1003168	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	1003168	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	1003168	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	1003166	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	1003166	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	1003166	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	1003166	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	1003166	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	1003167	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	1003167	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	1003168	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	1003168	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	1003167	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	1003167	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	1003168	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	1003168	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	1003167	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	1003167	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	1003167	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	1003168	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	1003167	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	1003167	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	1003167	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	1003167	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	1003167	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	1003167	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	1003167	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	1003167	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	1003167	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	1003168	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	1003168	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	1003167	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	1003167	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	1003167	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	1003167	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	1003167	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	1003168	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	1003167	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	1003167	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	1003167	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	1003167	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	1003168	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	+

MI0014065_2	miR-467a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014065	chr2	10412745	10412724	+
MI0014066_1	miR-669a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014066	chr2	10413231	10413208	+
MI0014066_2	miR-669a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014066	chr2	10413266	10413244	+
MI0014067_1	miR-466b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014067	chr2	10415459	10415438	+
MI0014067_2	miR-466b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014067	chr2	10415500	10415479	+
MI0014068_1	miR-669a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014068	chr2	10415693	10415670	+
MI0014068_2	miR-669a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014068	chr2	10415728	10415706	+
MI0014069_1	miR-467a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014069	chr2	10415172	10415151	+
MI0014069_2	miR-467a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014069	chr2	10415207	10415186	+
MI0014070_1	miR-466b-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014070	chr2	10417927	10417906	+
MI0014070_2	miR-466b-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014070	chr2	10417968	10417947	+
MI0014071_1	miR-669p-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014071	chr2	10418161	10418138	+
MI0014071_2	miR-669p-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014071	chr2	10418198	10418175	+
MI0014072_1	miR-467a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014072	chr2	10417642	10417621	+
MI0014072_2	miR-467a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014072	chr2	10417677	10417656	+
MI0014073_1	miR-669a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014073	chr2	10420576	10420553	+
MI0014073_2	miR-669a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014073	chr2	10420611	10420589	+
MI0014074_1	miR-467a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014074	chr2	10420055	10420034	+
MI0014074_2	miR-467a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014074	chr2	10420090	10420069	+
MI0014075_1	miR-669a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014075	chr2	10423004	10422981	+
MI0014075_2	miR-669a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014075	chr2	10423039	10423017	+
MI0014076_1	miR-467a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014076	chr2	10424935	10424914	+
MI0014076_2	miR-467a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014076	chr2	10424970	10424949	+
MI0014077_1	miR-669a-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014077	chr2	10425456	10425433	+
MI0014077_2	miR-669a-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014077	chr2	10425491	10425469	+
MI0014078_1	miR-466p-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014078	chr2	10427667	10427647	+
MI0014078_2	miR-466p-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014078	chr2	10427707	10427686	+
MI0014079_1	miR-466n-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014079	chr2	10435407	10435386	+
MI0014079_2	miR-466n-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014079	chr2	10435446	10435425	+
MI0014080_1	miR-3087-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014080	chr2	25298320	25298300	+
MI0014080_2	miR-3087-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014080	chr2	25298353	25298333	+
MI0014081_1	miR-3088-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014081	chr2	28588827	28588806	+
MI0014081_2	miR-3088-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014081	chr2	28588863	28588841	+
MI0014082_1	miR-3089-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014082	chr2	30576763	30576742	+
MI0014082_2	miR-3089-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005264	miRBase:MI0014082	chr2	30576801	30576779	+
MI0014083_1	miR-3090-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014083	chr2	133390478	133390458	+
MI0014083_2	miR-3090-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014083	chr2	133390517	133390496	+
MI0014084_1	miR-3091-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014084	chr2	179992272	179992252	+
MI0014084_2	miR-3091-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014084	chr2	179992306	179992285	+
MI0014085_1	miR-3092-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014085	chr3	27483857	27483837	-
MI0014085_2	miR-3092-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014085	chr3	27483901	27483880	-
MI0014086_1	miR-3093-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014086	chr3	88019129	88019108	+
MI0014086_2	miR-3093-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014086	chr3	88019169	88019148	+
MI0014087_1	miR-3094-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014087	chr4	40940749	40940729	+
MI0014087_2	miR-3094-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014087	chr4	40940791	40940771	+
MI0014088_1	miR-3095-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014088	chr4	58453917	58453895	-
MI0014088_2	miR-3095-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014088	chr4	58453957	58453936	-
MI0014089_1	miR-3096-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014089	chr5	23216834	23216809	-
MI0014089_2	miR-3096-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014089	chr5	23216879	23216862	-
MI0014090_1	miR-3097-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014090	chr5	35363721	35363699	+
MI0014090_2	miR-3097-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014090	chr5	35363764	35363743	+
MI0014091_1	miR-3098-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014091	chr6	125145846	125145825	+
MI0014091_2	miR-3098-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014091	chr6	125145883	125145863	+
MI0014092_1	miR-3100-5p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014092	chr7	19672199	19672177	+
MI0014092_2	miR-3100-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014092	chr7	19672241	19672221	+
MI0014093_1	miR-3101-3p	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1005265	miRBase:MI0014093	chr7	27961059	27961039	-

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-3102-3p.2	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.2	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	1006285	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	1006286	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	1006286	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	1006286	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	1006285	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	1006285	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	1006285	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	1006286	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	1006286	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	1006286	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	1006285	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	1006285	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	1006285	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	1006286	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	1006286	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	1006285	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	1006286	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	1006285	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	1006285	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	1006286	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	1006286	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	1006285	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	1006285	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	1006285	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	1006286	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	1006286	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	1006285	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	1006286	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	1006285	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	1006285	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	1006286	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	1006285	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	1006285	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	1006285	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	1006286	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	1006286	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	1006285	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	1006286	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	1006285	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	1006285	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	1006285	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	1006286	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	1006285	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	1006286	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	1006286	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	1006285	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	1006285	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	1006286	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	1006286	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	1006285	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	1006285	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	1006285	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	1006285	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	1006285	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	1006285	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	1006285	miRBase:MI0018042	chr14	103381848	103381825	-

MI0018043_1	miR-5131	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1006286(	miRBase:MI0018043	chr14	46277669	46277647	-
MI0018044_1	miR-5132	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1006286(	miRBase:MI0018044	chrX	71268930	71268910	-
MI0018045_1	miR-5133	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1006286(	miRBase:MI0018045	chr9	61970392	61970372	-
MI0018046_1	miR-5134	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1006286(	miRBase:MI0018046	chr17	24371540	24371520	-
MI0018047_1	miR-5135	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1006286(	miRBase:MI0018047	chr12	77634153	77634130	-
MI0018048_1	miR-5136	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1006286(	miRBase:MI0018048	chr19	8963218	8963199	-
MI0019179_1	miR-3544-3p	0.0	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	0.0		miRBase:MI0019319	chr9	54556145	54556124	+