and a uterus filled with resorptions (right) derived after 4n blastocyst injections with either VA-10 or the parental iPSC clone #45, respectively.

Supplemental Figure 1: qPCR validation of *Gtl2* repression in iPSCs. (a) Expression levels of the maternally expressed 12qF1 genes *Gtl2, Rian* and *Mirg* in three iPSCs clones relative to ESC cells. (**b**) *Gtl2* expression levels measured by qPCR in iPSC clones and ESCs. The four iPSC clones showing similar expression levels to ESCs are highlighted in red. (**c**) Expression levels of *Gtl2* in 18 iPSC clones derived from keratinocytes isolated from two different Collagen-OKSM mice. Note that all of these iPSCs express *Gtl2* at significantly lower levels compared to ESCs. (**d**) Expression levels of *Gtl2* in starting cell populations as measured by qPCR as well as in ESCs. HSCs, hematopoietic stem cells; GMPs, granulocyte-macrophage progenitor; Gran., granulocytes; TTFs, tail-tip fibroblasts; MEFs, mouse embryonic fibroblasts.

Supplemental Figure 2: Analysis of published array datasets. (a) Analysis of expression levels of 294 transcripts that were previously reported to be differentially expressed between ESCs and iPSCs using non-genetically matched cells. None of these genes (blue bars) was differentially expressed in Collagen-OKSM ESCs and derivative iPSCs (1.5fold, p0.05, t-test). (**b-e**) Expression of the maternally expressed 12qF1 genes *Gtl2, Rian* and *Mirg* and pluripotency genes *Pou5f1* and *Nanog* in published microarray datasets containing ESCs (red bars) and iPSCs (green bars). p-values were determined using Student's t-test when replicate samples were available (all datasets except for d). Different starting populations and, in some cases, different combinations of

reprogramming factors were used, b) GSE10806; adult mouse neural stem cells transduced with individual retroviral vectors encoding for either Oct4 and Klf4 (2F-iPSCs) or Oct4, Klf4, Sox2 and c-myc (4F-iPSCs). c) GSE14012; MEFs transduced with individual retroviral vectors encoding for Oct4, Klf4, Sox2 and c-myc. d) GSE15775; adult bone marrow mononucleated cells transduced with individual retroviral vectors encoding for Oct4, Klf4, Sox2 and c-myc e) E-MEXP-1037; MEFs and TTFs transduced with individual retroviral vectors encoding for Oct4, Klf4, Sox2 and c-myc. Note the consistent downregulation of 12qF1 genes in iPSCs compared to ESCs.

Supplemental Figure 3: Confirmation of origin of all-iPSC mice. PCR was performed to detect three different Simple Sequence Length Polymorphism (SSLP) markers using genomic DNA isolated from 4n complementation-competent iPSC clones and derivative all-iPSC animals. Genomic DNA from BDF1 mice served as a positive control for the presence of host blastocyst-derived cells. Triangles indicate the position of strain-specific bands; open triangle = DBA (blastocyst-specific), grey triangle = 129 (iPSC-specific) and black triangle = B6 (present in both blastocysts and iPSCs).

Supplemental Figure 4: Analysis of *Gtl2* expression in published 4n complementation-competent cell lines. (a) Expression levels of *Gtl2* and *Rian* and pluripotency markers *Pou5f1* and *Nanog* in R1 ESCs and 4n complemenation-competent iPSCs from GEO microarray dataset GSE17004. No significant differences ($p > 0.1$) were found. (**b**) Expression levels of *Gtl2, Rian* and *Mirg* and pluripotency markers in CL11 ESCs, two 4n complementation-competent iPSC lines (14D-1 and 14D-101) and

one non-4n complementation-competent iPSC line (20D-3) from GEO dataset GSE16295. Note the dramatic decrease of *Gtl2* expression in 20D-3 iPSCs compared to the 4n complementation-competent lines and the ESCs.

Supplemental Figure 5: DNA methylation analysis of the *Dlk1-Dio3* locus. (a) Structure of the *Dlk1-Dio3* locus with the approximate position of the genomic regions analyzed by pyrosequencing indicated by black bars. (**b**) Degree of DNA methylation at the indicated regions in Gtl2^{off} iPSC clones (green bars), Gtl2^{on} iPSC clones (red bars), ESCs clones (red open bars), as well as parental tail-tip fibroblasts (TTFs, grey bars).

Supplemental Figure 6: Imprinted gene expression after *in vitro* differentiation. (a) Expression levels as measured by qPCR of the 12qF1 genes *Rian* and *Dlk1* in undifferentiated (P0) and retinoic acid (RA) treated Gtl2^{off} iPSCs (green box), Gtl2^{on} iPSCs (red box) and ESCs (red dotted line). Gtl2^{off} iPSCs fail to activate expression of the maternally expressed gene *Rian,* but express high levels of the paternally expressed gene *Dlk1* upon differentiation. (b) Expression levels as measured by qPCR of the imprinted genes *Mest, Decorin, Phlda2* and *Cdkn1c*. Note that all cell lines activate these genes to a similar extent.

Supplemental Figure 7: *Gtl2* expression in nuclear transfer-derived ESCs. (a) Schematic representation of the derivation of NT-ESCs directly from somatic cells. NT-ESCs generated in this fashion have been shown to be molecularly indistinguishable from blastocyst-derived ESCs and to support the development of "All-ESC" mice. (**b**)

Expression levels of *Gtl2, Pou5f1* and *Nanog* in five blastocyst-derived ESC lines (red bars) and five ESC lines derived after nuclear transfer (NT) of somatic cell nuclei into enucleated oocytes ("cloning") (green bars). The respective donor cell used for NT is indicated. (**c**) Experimental strategy to test whether nuclear transfer can rescue the defects seen in Gtl2^{off} iPSCs. (**d**) Microarray heatmap showing expression of the indicated genes in ESCs, iPSCs generated with either adenoviral vectors (Adeno) or the Collagen-OKSM system (#7, #15) and NT-ESC lines derived from the iPSC clones. Note that *Gtl2* and *Rian* remain stably silenced in the NT clones while expression of the imprinted *H19* gene shows clone-to-clone variation.

Supplemental Figure 8: Chromatin configuration at the *Gtl2* promoter after VA rescue. Prevalence of activation-associated (acH3 and H3K4me) and repression-associated (H3K27me) chromatin marks at the *Gtl2* promoter in Gtl2^{off} iPSC#45, derivative VA-10 and ESC#1.

Supplemental Figure 9: Analysis of embryonic tissues derived after 4n blastocyst injections. (a) Expression of *Gtl2, Rian* and *Dlk1* in head, heart and limb tissue isolated from midgestation embryos obtained after 4n blastocyst injection of Gtl2^{on} iPSCs (blue), Gtl2^{off} iPSCs (red) and rescued iPSCs VA-10 (yellow). (**b**) Expression levels of tissue-specific developmental regulators. (**c**) Expression levels of imprinted genes that have been implicated in abnormal fetal growth.

Supplemental Figure 10: Developmental potential of iPSC clone VA-10. (**a**) Frequency of dead or living midgestation (E11.5) embryos obtained after blastocyst injection of Gtl2^{off} iPSC clone #45 (green bar) and its VA-rescued derivative clone (red bar). (**b**) Frequency of failed pregnancies (resorptions, lower panel on the left) and completely developed but stillborn embryos (lower panel on the right) recovered after 4n blastocyst injections of the VA-rescued clone (red bars) and the parental Gtl2^{off} iPSC line #45 (green bars).

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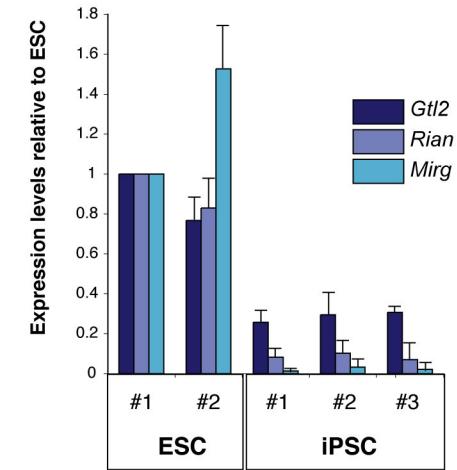
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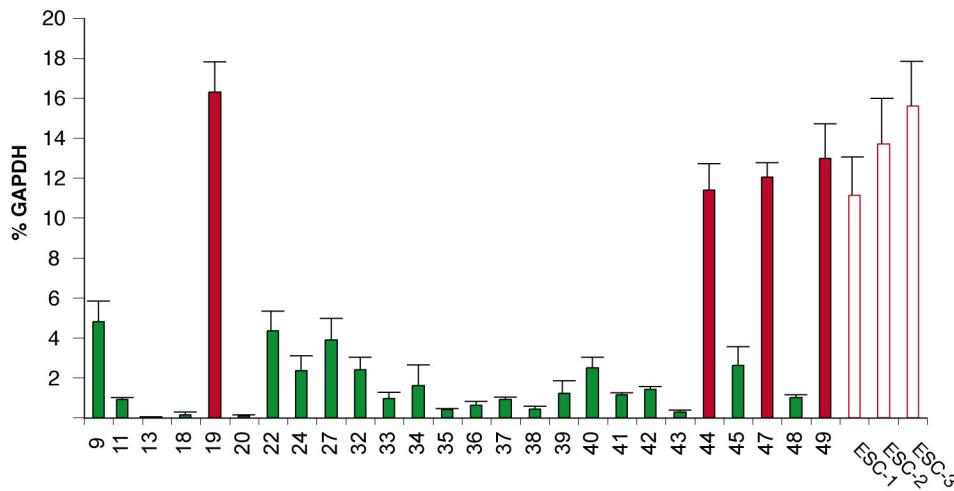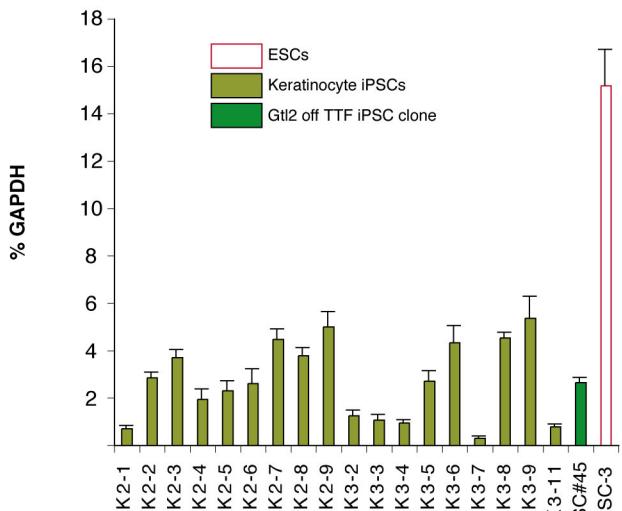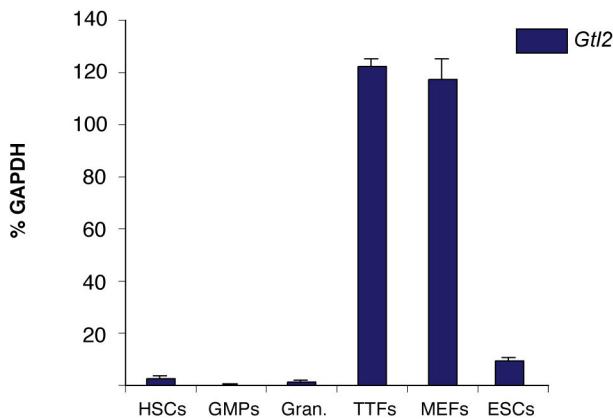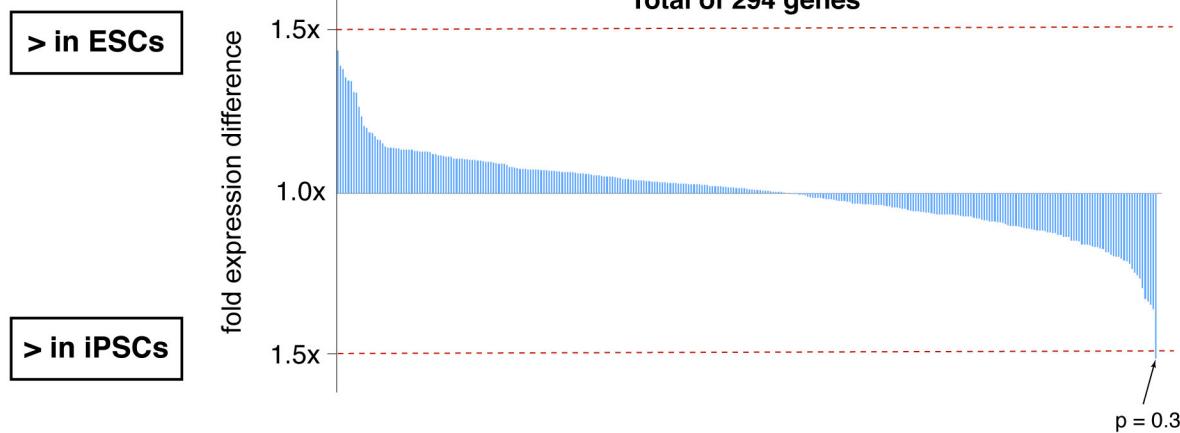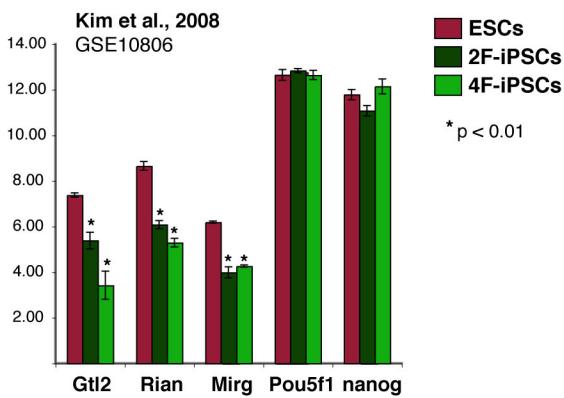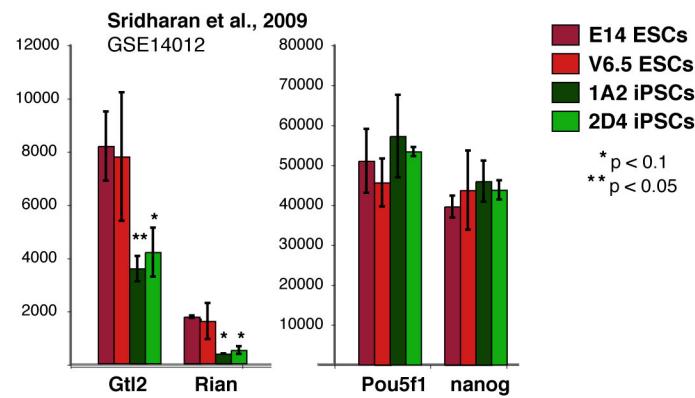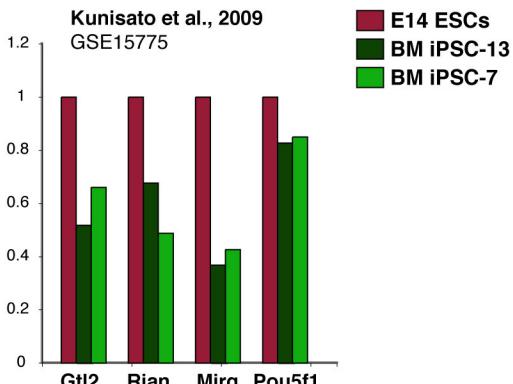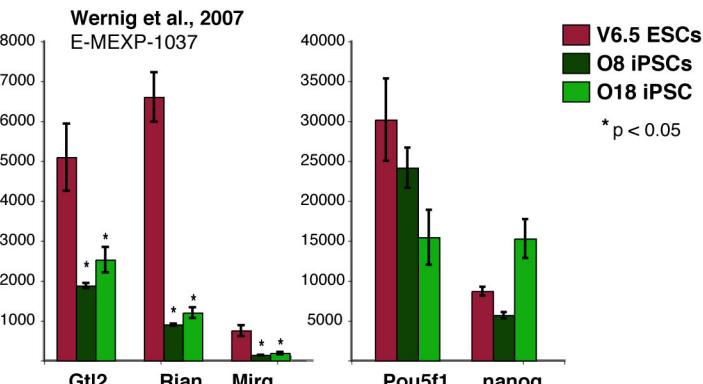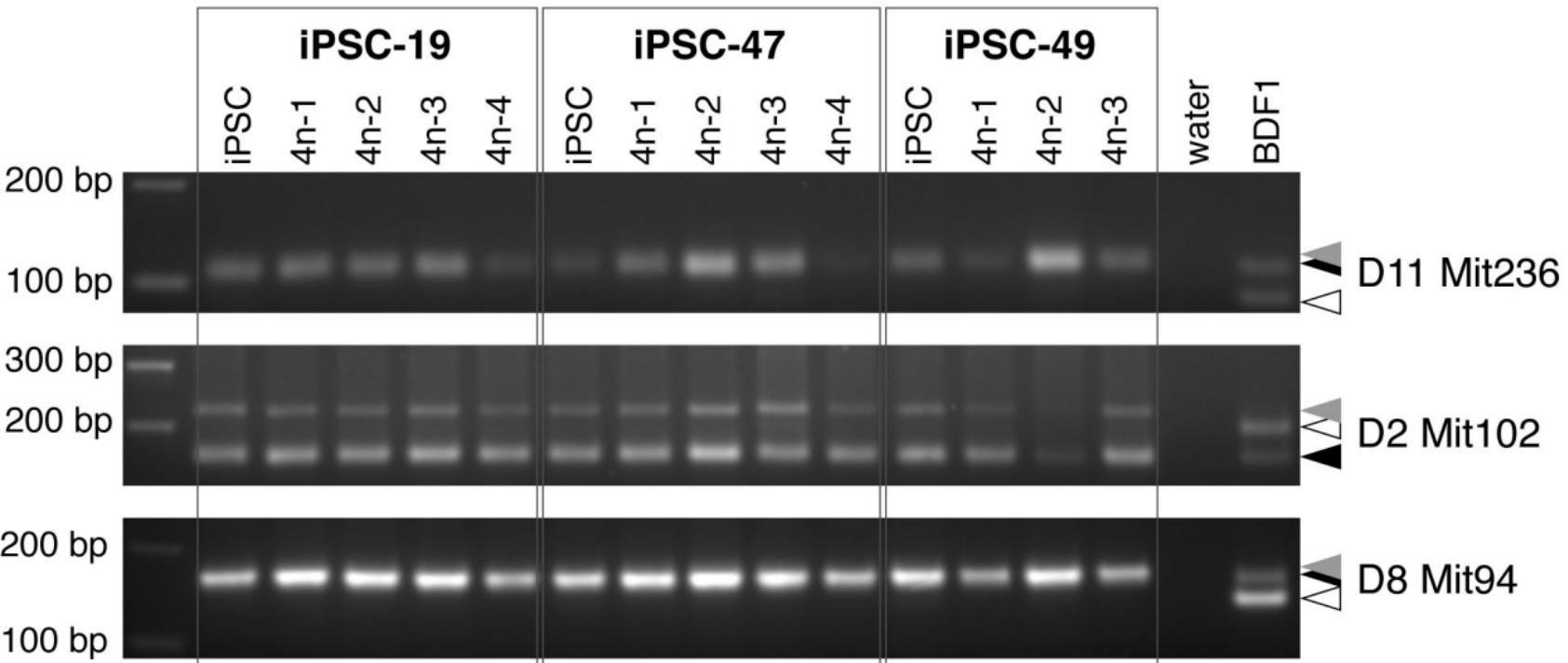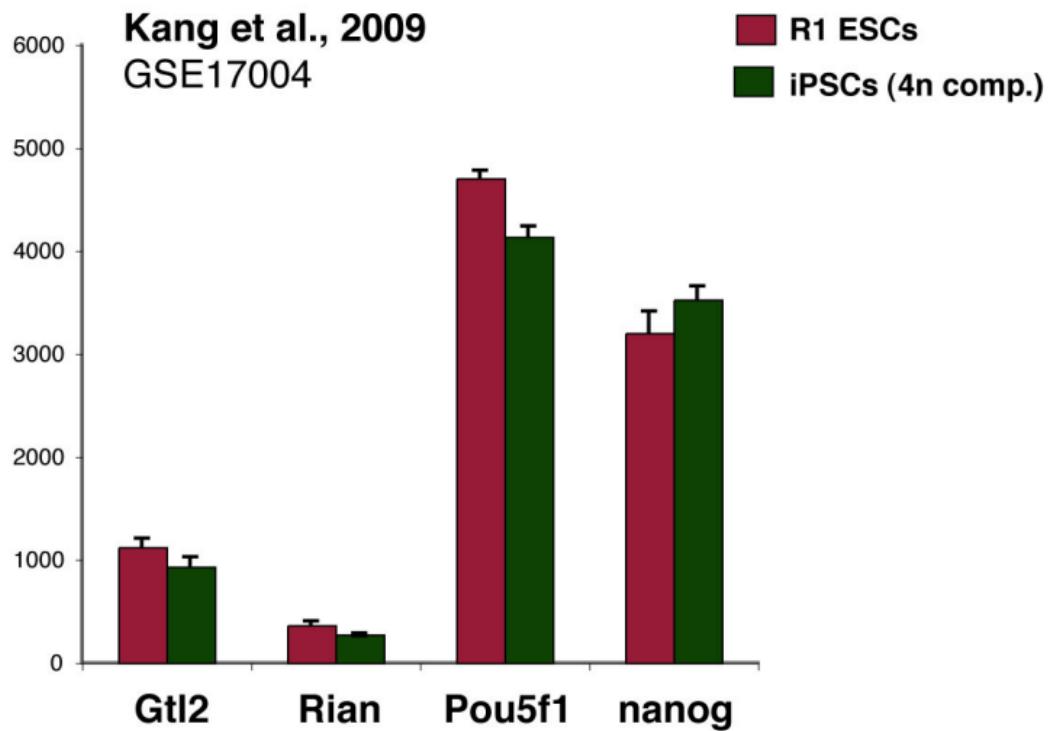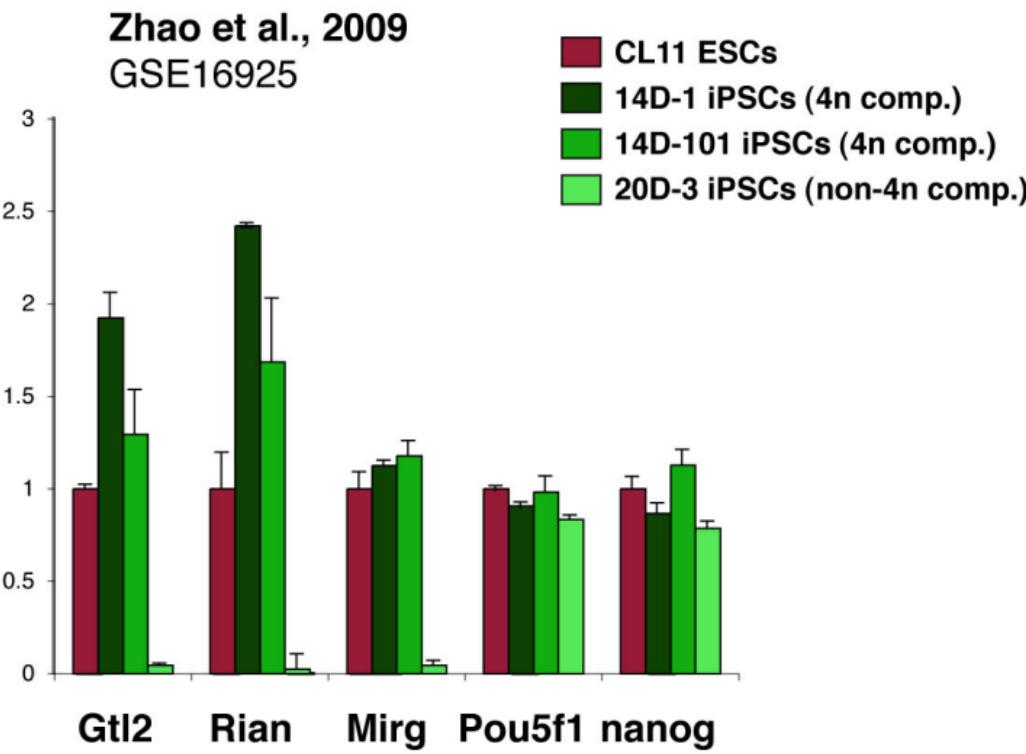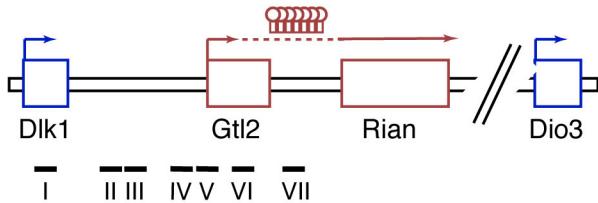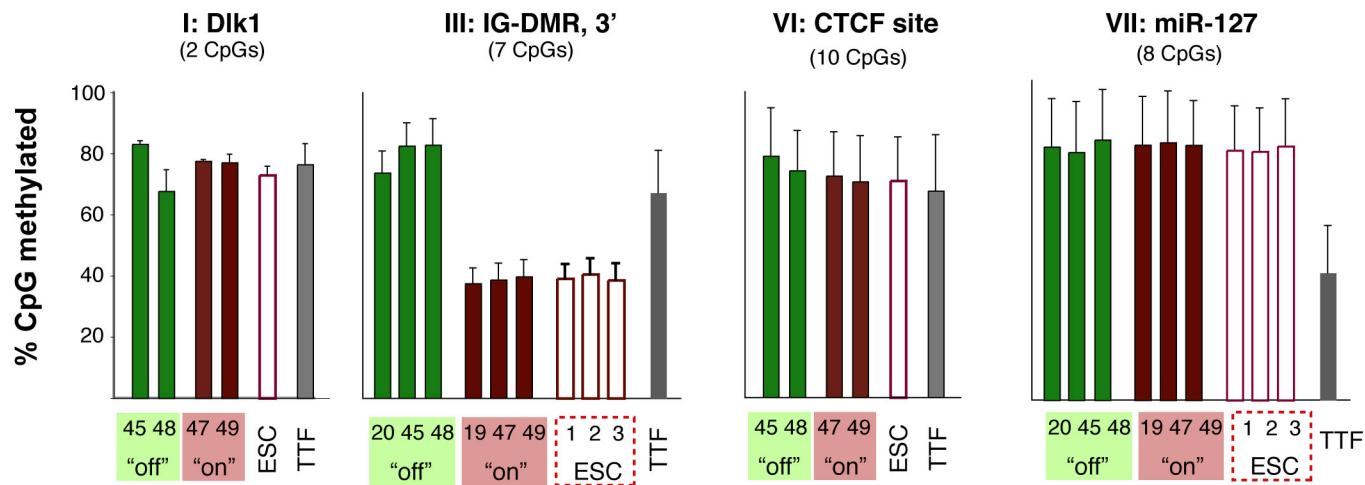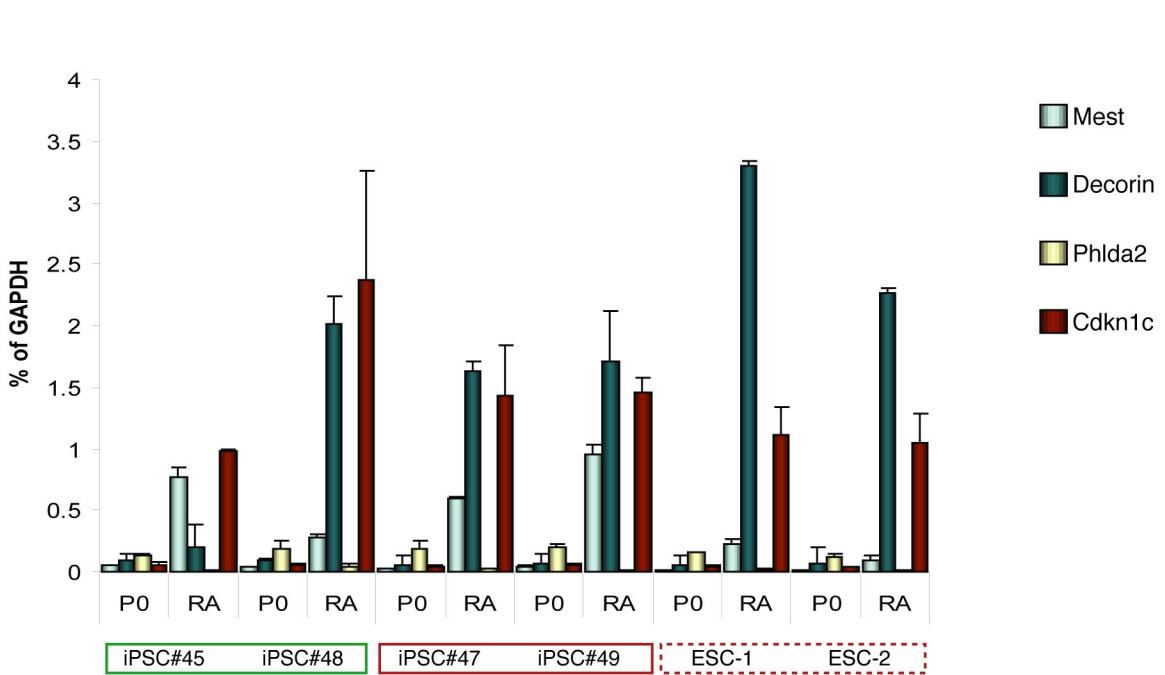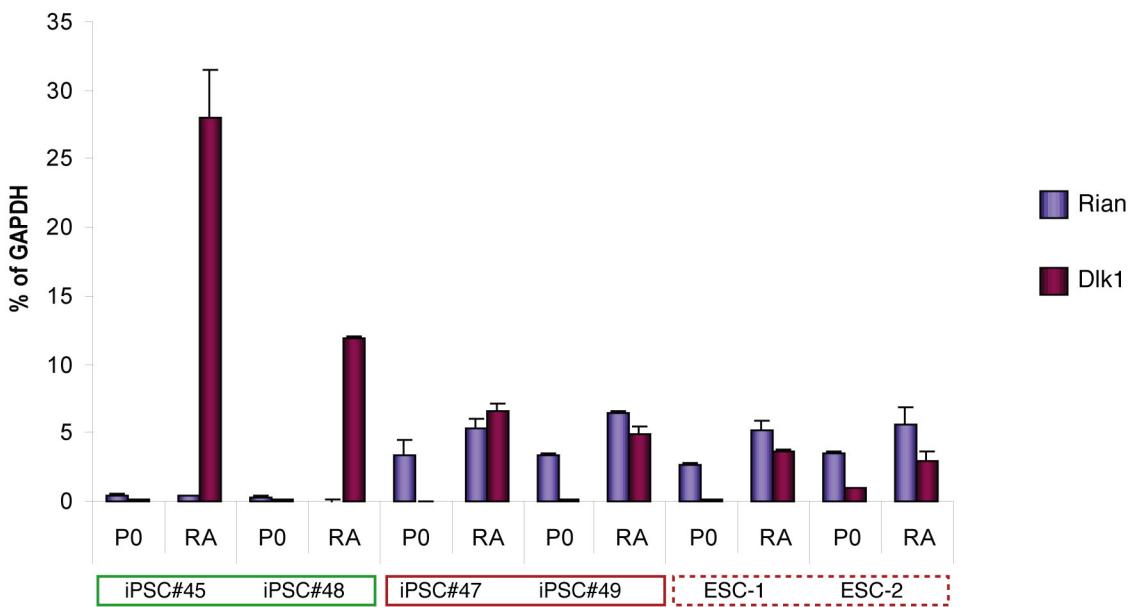
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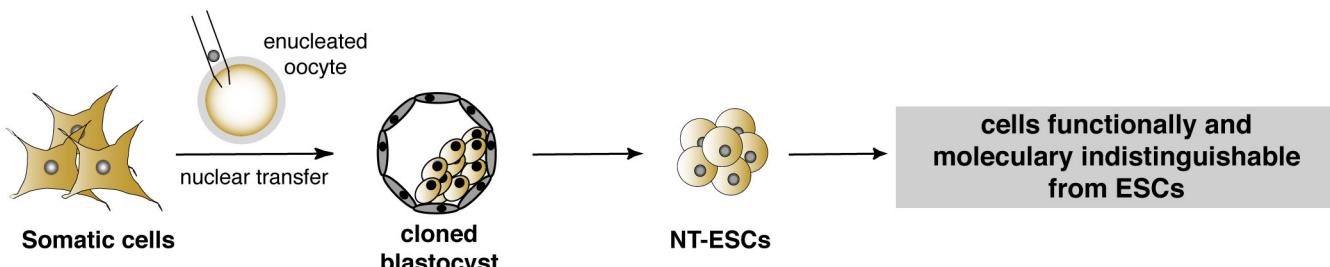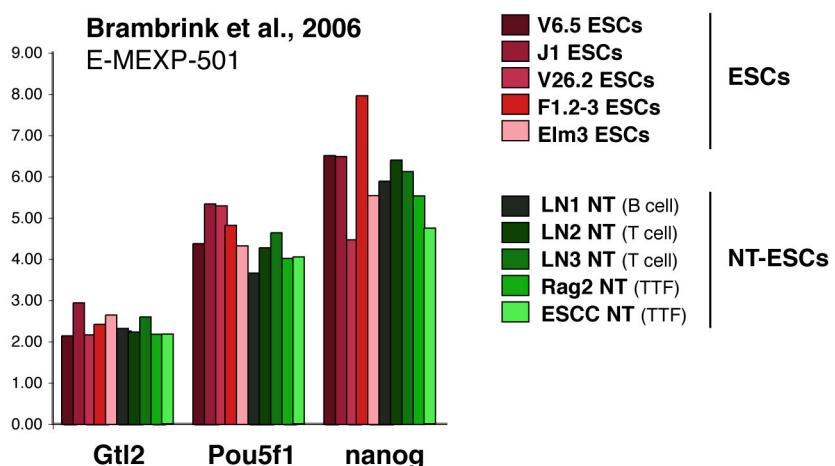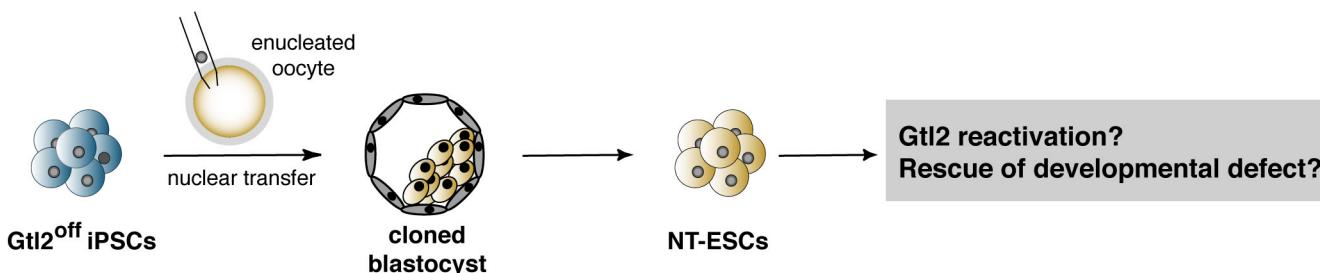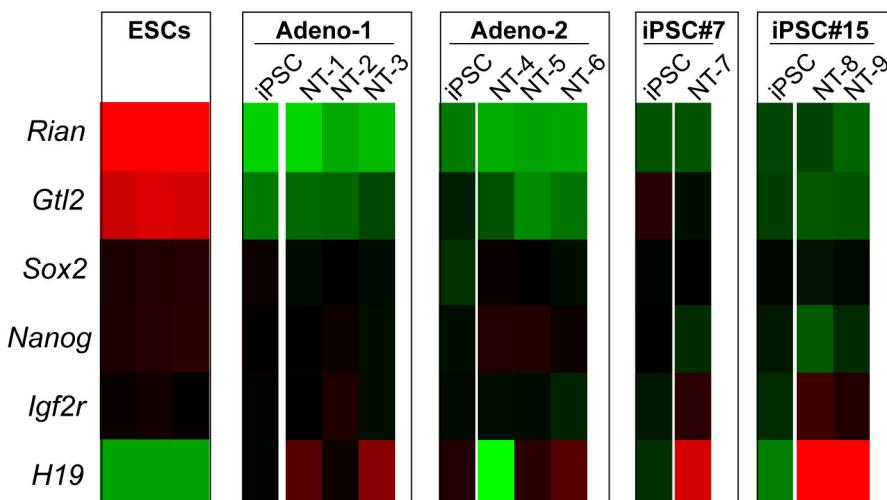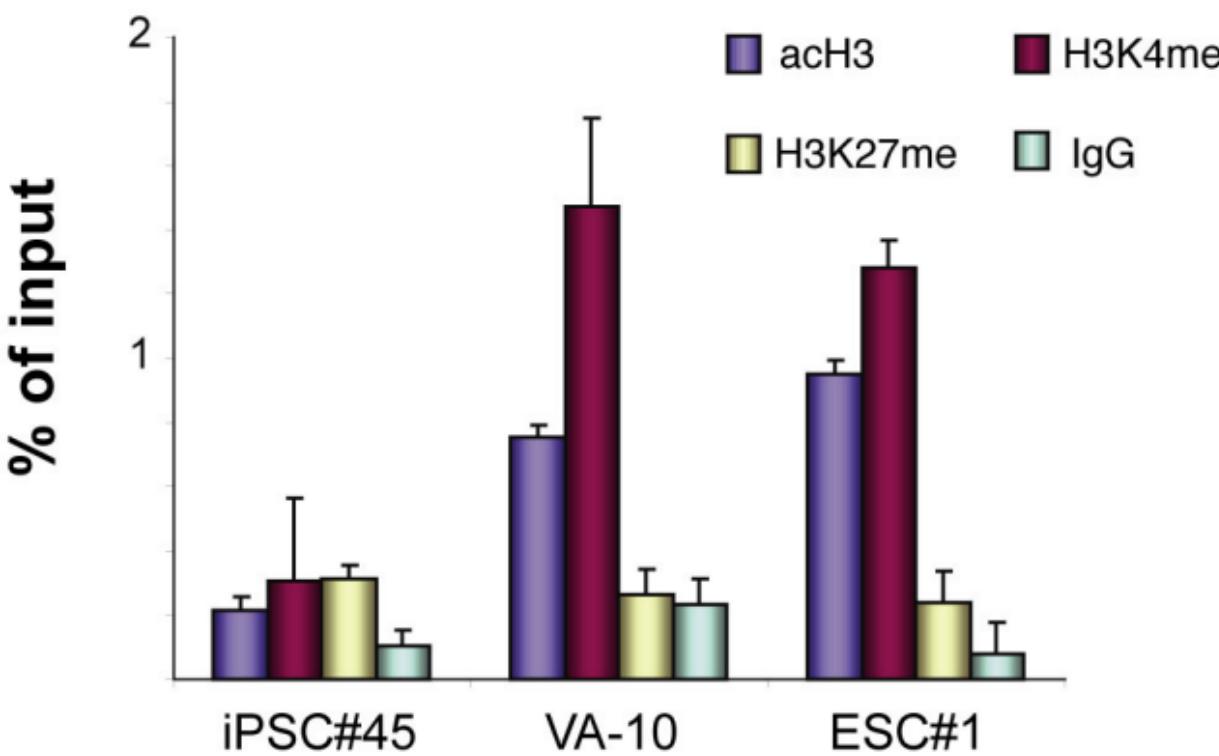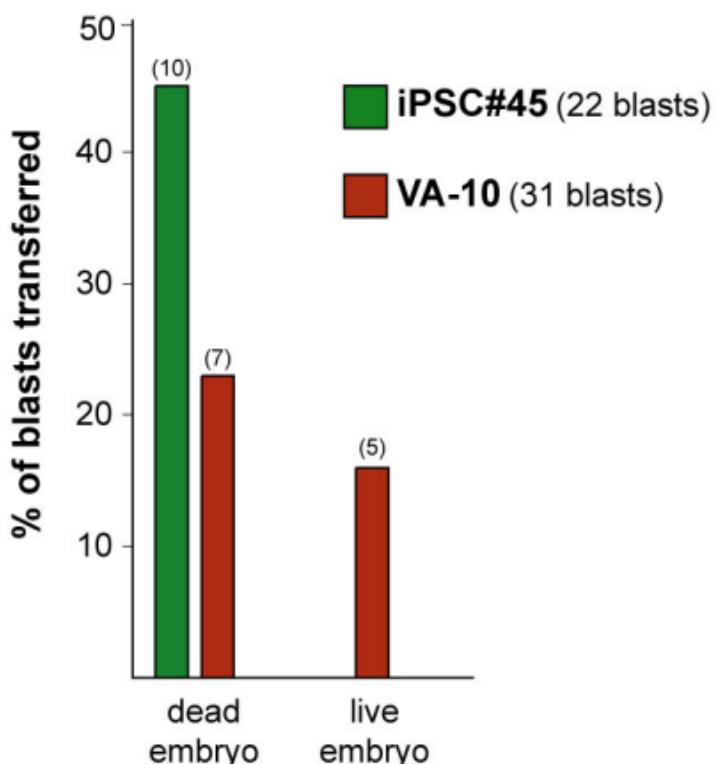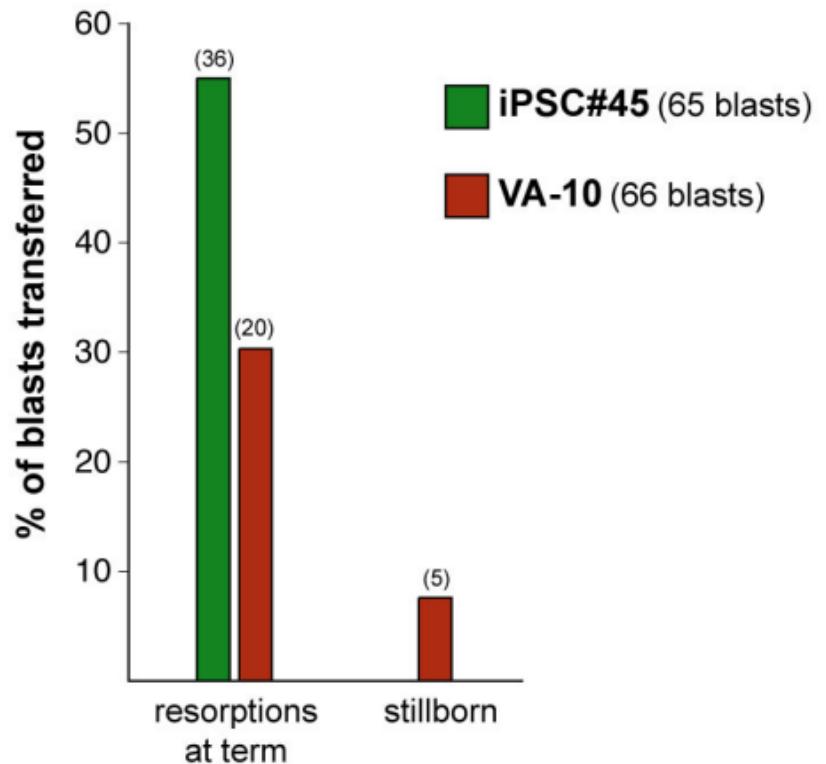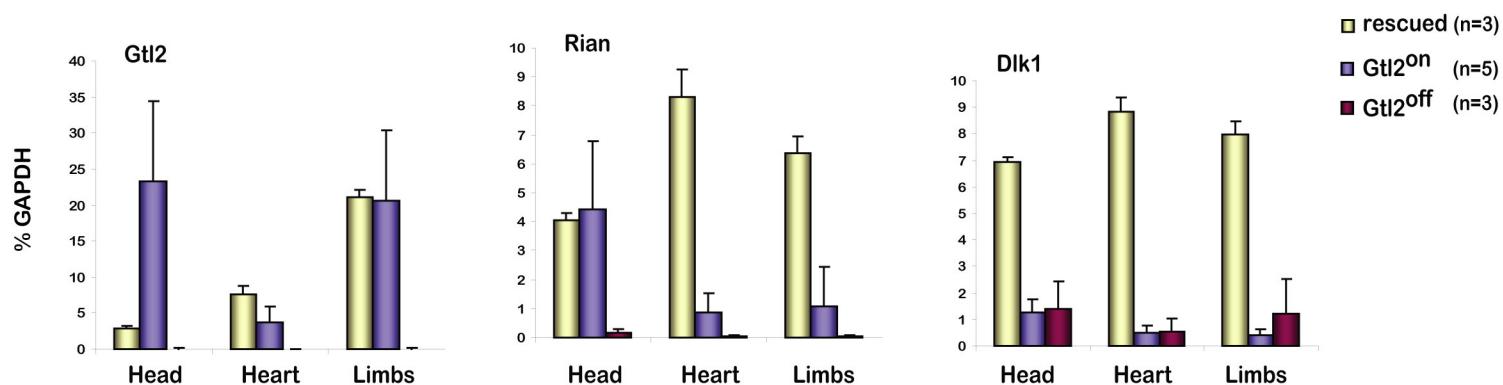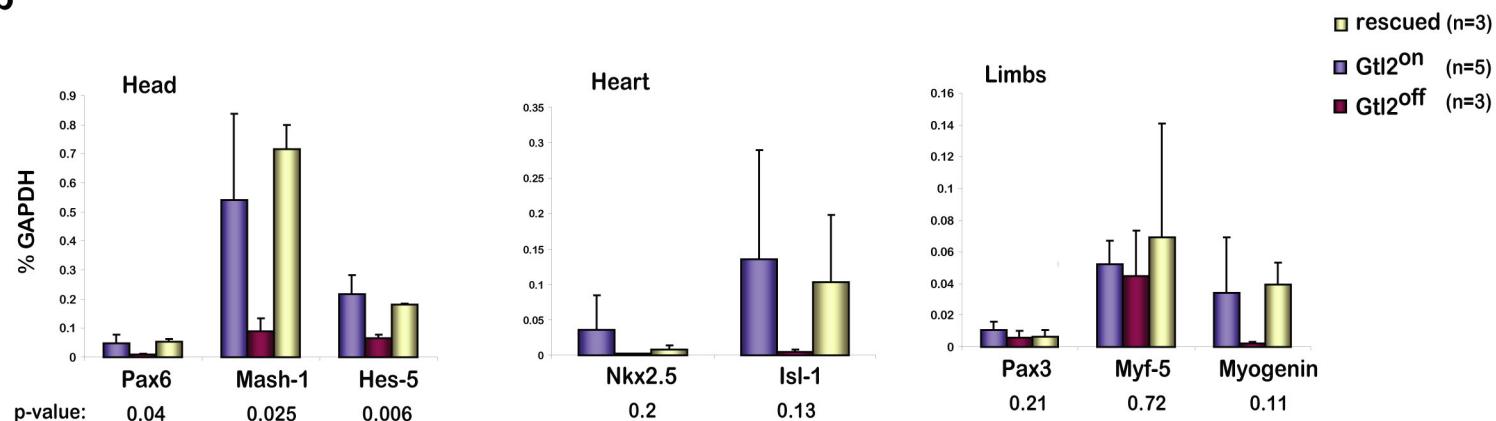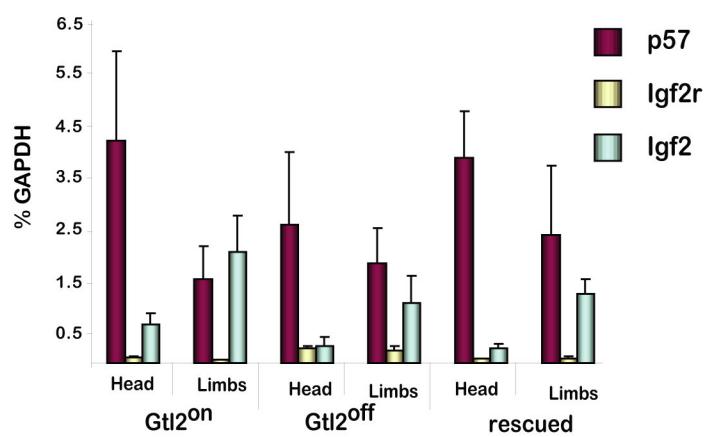
Supplemental Table 1: 4n blastocyst injections

Line	origin	Gtl2	Blasts transferred	Resorptions	Stillborn	liveborn (%blasts)	viable pups	adult mice
ESC-1	Blast.	**on**	15	7	0	3 (20%)	3	0
ESC-2	Blast.	**on**	15	2	0	2 (13%)	1	1
iPSC-1	MEF	**off**	45	6	0	0	0	0
iPSC-2	MEF	**off**	15	11	0	0	0	0
iPSC-3	MEF	**off**	54	22	0	0	0	0
iPSC-4	MEF	**off**	12	8	0	0	0	0
iPSC-9	HSC	**off**	20	2	0	0	0	0
iPSC-12	HSC	**off**	20	8	0	0	0	0
iPSC-19	PF	**on**	100	18	2	11 (11%)	5	1
iPSC-20	PF	**off**	33	14	0	0	0	0
iPSC-44	TTF	**on**	42	11	0	3 (7.1%)	0	0
iPSC-45	TTF	**off**	65	36	0	0	0	0
iPSC-46	TTF	**off**	22	3	0	0	0	0
iPSC-47	TTF	**on**	42	8	1	8 (19%)	2	2
iPSC-48	TTF	**off**	33	10	0	0	0	0
iPSC-49	TTF	**on**	44	1	0	4 (9.1%)	0	0
Total "Gtl2 off"		**off**	319	120	0	0	0	0
Total "Gtl2 on"		**on**	228	38	3	26 (11.4%)	7	3

Supplemental Table 2: Expression levels of imprinted genes in ESCs and iPSCs

Shown are intensity values measured on an Affymetrix 430A array. If a gene was represented by more than one probeset, only the one with the highest intensity is shown. Genes with an average intensity of at least 50 in one cell type were considered detectable and are highlighted.

Gene	ESC1	ESC2	ESC3	ESC4	iPSC1	iPSC2	iPSC3	iPSC4	E-mean	I-mean	fold	p-value	Probe ID
Mkrn1	4125.3	4779.2	4425.3	4386.3	4297.5	4369.9	4402.5	4133.7	4429.0	4300.9	1.03	0.4173	1434853_x_at
NM_138658	2241.9	2342	2307.8	2111	2216.8	1599.3	2137.5	1969.7	2250.7	1980.8	1.14	0.1148	1450186_s_at
CD81	2292.6	2176	2303	1776.4	1960.5	1507.6	2061	1997	2137.0	1881.5	1.14	0.1985	1416330_at
Grb10	1764.8	1611.1	1416.1	1721	1647.2	1801.6	1870.6	1703.7	1628.3	1755.8	0.93	0.2165	1425458_a_at
Gtl2	1615.1	1512.9	1525.8	1639.8	291.2	453.1	353.8	603.4	1573.4	425.4	3.70	0.0000	1439380_x_at
Snrpn	1516.4	1528.1	1403.1	1528.5	1674.1	1760.1	1559.7	1353.5	1494.0	1586.9	0.94	0.3571	1415895_at
Phlda2	978.3	1010.5	886.1	965.1	1025.5	1053.9	1055.8	1040.8	960.0	1044.0	0.92	0.0218	1417837_at
Sccl38a4	1067.2	976.3	945.2	741	974.8	832	925.7	1076.3	932.4	952.2	0.98	0.8250	1448889_at
Nap1l4	732.3	855.9	739.2	788.4	692.9	671.3	726.1	773.4	779.0	715.9	1.09	0.1320	1448476_at
H19	670.1	719.7	1010.2	471.7	477.7	443.3	494.5	347.4	717.9	440.7	1.63	0.0540	1448194_a_at
Ube3a	576.3	550.8	501.7	581.8	619.7	412.4	609.1	539.9	552.7	545.3	1.01	0.8899	1416680_at
Commd1	532.5	640.4	476.9	492.6	493.4	686.4	523.5	482.7	535.6	546.5	0.98	0.8619	1424122_s_at
Dhcr7	494.4	499.2	501.8	490.2	423.7	473.3	533.2	497.2	496.4	481.9	1.03	0.5521	1448619_at
Igf2r	466	435.6	523.7	488.1	484.1	491.6	451.3	376.6	478.4	450.9	1.06	0.4261	1424112_at
Rian	510.8	444	314.7	540.1	54.6	179.7	61.3	166.3	452.4	115.5	3.92	0.0014	1452899_at
Copg2	394.9	432.9	415.5	387.2	384.8	381.1	417.7	445.3	407.6	407.2	1.00	0.9833	1448761_a_at
Mcts2	235.6	305.8	274	590.2	322	343.1	354.2	325	351.4	336.1	1.05	0.8566	1451058_at
Peg3	311.2	287.4	294.3	324.1	400	239.3	417.2	260.5	304.3	329.3	0.92	0.6131	1417355_at
Igf2	229.3	331.4	364.2	289	297.8	387	269.3	271.3	303.5	306.4	0.99	0.9453	1448152_at
Sfmbt2	279.9	213	202.9	291.8	260.5	308.7	255.1	198.6	246.9	255.7	0.97	0.7919	1434353_at
Blcap	222.3	255.2	263.6	215.6	218.6	209.9	237.6	276.3	239.2	235.6	1.02	0.8565	1420631_a_at
Dlk1	225	246.1	233.1	164.2	178.4	209.5	133.7	93.9	217.1	153.9	1.41	0.0888	1449939_s_at
H13	261.5	273.4	211.4	109.7	225.3	226.5	220.5	247.4	214.0	229.9	0.93	0.6878	1417287_at
Plagl1	151.2	188.9	205.5	228.8	143.5	354	186.4	208.6	193.6	223.1	0.87	0.5650	1426208_x_at
Tssc4	201.4	174.3	192.4	203.4	194.5	217.1	198.8	214.7	192.9	206.3	0.94	0.1751	1427661_a_at
Cdkn1c	164	192.1	192.4	136.5	183.1	172	174.2	208.5	171.3	184.5	0.93	0.4345	1417649_at
Ndn	154.8	159.3	155	191.9	169.4	205.4	168.7	169.7	165.3	178.3	0.93	0.3443	1435382_at
Zrsr1	174.1	136.4	134.6	161.6	168.4	171.7	157.4	171.7	151.7	167.3	0.91	0.1788	1449354_at
Ddc	134.4	170.7	129.2	165.1	146.9	183.3	146.2	141.6	149.9	154.5	0.97	0.7561	1426215_at
Ascl2	150.4	160.5	149.9	90	116.6	120.9	111.1	127.6	137.7	119.1	1.16	0.3004	1460514_s_at
Ampd3	103.8	141.5	143.7	110.1	148.7	140.9	132.7	130.1	124.8	138.1	0.90	0.2793	1422573_at
Sgce	119.5	112.3	123.5	109.2	119.9	125.8	99.4	100	116.1	111.3	1.04	0.5438	1420688_a_at
Tspan32	120.4	87.2	137.5	118.7	162.4	166.9	106.8	94.7	116.0	132.7	0.87	0.4631	1431289_at
AV124445	111.3	107.2	87.2	117.7	99.3	121.8	112.6	102	105.9	108.9	0.97	0.7258	1455792_x_at
Nnat	182.2	17	31.6	190.2	166.4	194.7	213.4	52.3	105.3	156.7	0.67	0.4179	1423506_a_at
Tnfrsf22	86	63.5	100.3	101.9	105.7	130.7	86.5	92.8	87.9	103.9	0.85	0.2716	1426095_a_at
Ins1	56.1	77.5	100	96.7	97.7	104.4	81.9	121.8	82.6	101.5	0.81	0.1987	1422447_at
Scl22a18	93.8	76.9	101.9	46.8	59.5	72.4	28.3	23.8	79.9	46.0	1.74	0.0935	1427531_a_at

Gene												
Casd1	65.3	72	68.3	76.1	60.4	69.7	74.5	84.3	70.4	72.2	0.98	0.7545	1451980_at
Gnas	62	54.5	85.7	68.4	74.7	52.3	75.1	47.1	67.7	62.3	1.09	0.6089	1453413_at
Kcnq1	45	52.6	115.2	56.9	33	70.7	26.4	29.3	67.4	39.9	1.69	0.2002	1449464_at
Dcn	41.7	63.8	85.2	56.9	9.1	45.5	59.7	42.5	61.9	39.2	1.58	0.1564	1449368_at
Atp10a	57	59.2	48.9	77.5	71.9	86.5	70.9	85.1	60.7	78.6	0.77	0.0501	1447272_s_at
Tnfrsf23	54.3	45.6	70.5	44	59.4	68.7	48.8	55.6	53.6	58.1	0.92	0.5610	1422101_at
Mest	40.7	46.5	51.3	50.5	51	81.7	57	55.3	47.3	61.3	0.77	0.1052	1423294_at
Magel2	25.4	35.1	51.4	40.7	51.3	54.4	51.9	50.5	38.2	52.0	0.73	0.0450	1417217_at
Th	42.3	26.5	47.3	42.8	58.8	40.7	33.1	37.8	39.7	42.6	0.93	0.7047	1420546_at
Pon3	31.9	37.7	48.9	30.2	29.7	29.1	16.5	26.8	37.2	25.5	1.46	0.0673	1419298_at
Usp29	36.7	23.5	44.5	43.2	14.2	36.7	14.2	31.8	37.0	24.2	1.53	0.1439	1427551_at
Rasgrf1	31.7	33.8	43.7	37.9	30.6	30.7	14	35.4	36.8	27.7	1.33	0.1421	1435614_s_at
Gatm	42.9	38.1	23.3	37.6	34.5	26.1	40.2	27.8	35.5	32.2	1.10	0.5555	1423569_at
Ins2	37.4	26.4	11.4	24.9	32.3	30.3	11.5	12.9	25.0	21.8	1.15	0.6848	1422446_x_at
Xlr3a	18.5	31.1	4.3	28.7	21	96.9	33.6	38.9	20.7	47.6	0.43	0.1834	1420357_s_at
Dlx5	19	14.9	27.3	21.3	25.5	18.5	14.6	11.8	20.6	17.6	1.17	0.4718	1449863_a_at
Slc22a2	12.1	12.3	30.3	14.5	29.6	24.8	10	18.1	17.3	20.6	0.84	0.6052	1419117_at
Xlr4b	14.3	20.1	21.2	8.9	20.1	65.1	13.3	12.6	16.1	27.8	0.58	0.4004	1449347_a_at
Zim1	21.5	10.2	14.1	17.6	1.3	33.8	24.5	17.7	15.9	19.3	0.82	0.6495	1421405_at
Ccl19	34.4	9	12.9	5.8	6.5	14.4	6.7	5.1	15.5	8.2	1.90	0.3207	1449277_at
Slc22a3	11.5	17.9	22.8	9.8	18.5	19.6	6.8	2.4	15.5	11.8	1.31	0.5076	1420444_at
Osbpl5	9.3	12.1	27.3	6.8	8.1	6.8	19	10.6	13.9	11.1	1.25	0.6261	1425391_a_at
Tfpi2	10.9	13.7	11.4	10.6	14.7	12.3	8.5	9.9	11.7	11.4	1.03	0.8515	1418547_at
Calcr	15.6	16.3	7.6	3.1	21.2	17.7	13.5	22.3	10.7	18.7	0.57	0.0770	1418688_at
Pon2	7.6	1.3	1.8	9.2	10.8	3	1	8	5.0	5.7	0.87	0.8179	1450686_at
Asb4	5.1	2.7	3.4	3	15.8	17.1	2.3	2.2	3.6	9.4	0.38	0.2110	1433919_at

Supplemental Table 3: miRNA profiling of KH2-OKSM ESCs and iPSCs

miRNA	ESC1	ESC2	ESC3	ESC4	iPSC1	iPSC2	iPSC3	iPSC4	E-mean	I-mean	fold	p-value	12qF1
mmu-miR-541	1.338	1.380	1.228	1.401	-1.943	-1.260	-1.990	-0.381	1.34	-1.39	6.6	0.0043	yes
mmu-miR-376b	1.270	1.322	1.254	1.263	-1.828	-1.347	-1.930	-0.499	1.28	-1.40	6.4	0.0038	yes
mmu-miR-495	1.087	1.224	1.111	1.139	-1.591	-1.171	-1.778	-0.467	1.14	-1.25	5.2	0.0034	yes
mmu-miR-411*	1.111	1.385	1.226	1.247	-1.466	-1.035	-1.670	-0.399	1.24	-1.14	5.2	0.0029	yes
mmu-miR-376a	1.367	1.280	1.185	1.280	-1.371	-0.879	-1.521	-0.439	1.28	-1.05	5.0	0.0024	yes
mmu-miR-409-3p	1.144	1.278	1.221	1.231	-1.412	-1.127	-1.426	-0.407	1.22	-1.09	5.0	0.0021	yes
mmu-miR-410	1.040	1.070	0.983	1.099	-1.477	-1.056	-1.561	-0.466	1.05	-1.14	4.6	0.0024	yes
mmu-miR-377	1.168	1.193	1.150	1.219	-1.290	-0.891	-1.408	-0.276	1.18	-0.97	4.4	0.0030	yes
mmu-miR-369-3p	1.177	1.315	1.214	1.153	-1.171	-0.918	-1.167	-0.255	1.21	-0.88	4.3	0.0028	yes
mmu-miR-376c	0.606	1.075	0.987	0.756	-1.467	-1.195	-1.621	-0.622	0.86	-1.23	4.2	0.0040	yes
mmu-miR-127	1.259	1.171	1.063	1.208	-0.930	-0.576	-1.125	-0.305	1.18	-0.73	3.8	0.0015	yes
mmu-miR-379	1.059	1.231	1.097	1.220	-0.950	-0.547	-1.225	-0.240	1.15	-0.74	3.7	0.0019	yes
mmu-miR-434-3p	0.894	0.954	0.873	0.921	-0.925	-0.614	-1.041	-0.408	0.91	-0.75	3.2	0.0011	yes
mmu-miR-411	0.738	1.049	0.936	0.792	-0.879	-0.698	-1.131	-0.376	0.88	-0.77	3.1	0.0030	yes
mmu-miR-136	1.217	1.217	1.211	1.324	-0.376	-0.194	-0.627	0.162	1.24	-0.26	2.8	0.0018	yes
mmu-miR-127*	0.436	0.561	0.437	0.467	-0.987	-0.804	-1.102	-0.607	0.48	-0.87	2.5	0.0008	yes
mmu-miR-434-5p	0.726	0.866	0.756	0.825	-0.619	-0.435	-0.819	-0.268	0.79	-0.54	2.5	0.0009	yes
mmu-miR-323-3p	0.256	0.453	0.318	0.264	-0.878	-0.916	-1.012	-0.572	0.32	-0.84	2.2	0.0024	yes
mmu-miR-300	0.671	0.631	0.651	0.583	-0.486	-0.468	-0.438	-0.229	0.63	-0.41	2.1	0.0009	yes
mmu-miR-154*	0.353	0.580	0.466	0.446	-0.590	-0.698	-0.676	-0.345	0.46	-0.58	2.1	0.0023	yes
mmu-miR-329	0.696	0.722	0.618	0.753	-0.439	-0.249	-0.391	-0.107	0.70	-0.30	2.0	0.0004	yes
mmu-miR-382	0.708	0.562	0.538	0.687	-0.409	-0.223	-0.233	-0.075	0.62	-0.23	1.8	0.0021	yes
mmu-miR-142-3p	0.646	0.855	0.940	0.361	-0.372	0.082	-0.379	0.084	0.70	-0.15	1.8	0.0311	
mmu-miR-337-3p	0.468	0.674	0.634	0.521	-0.312	-0.198	-0.335	-0.053	0.57	-0.22	1.7	0.0025	yes
mmu-miR-200c	0.265	0.556	0.495	0.396	-0.279	-0.390	-0.285	-0.245	0.43	-0.30	1.7	0.0036	
mmu-miR-142-5p	0.448	0.595	0.589	0.147	-0.430	-0.079	-0.433	-0.167	0.44	-0.28	1.6	0.0182	
mmu-miR-141	0.311	0.651	0.670	0.447	-0.215	-0.242	-0.189	-0.084	0.52	-0.18	1.6	0.0060	
mmu-miR-299*	0.402	0.708	0.600	0.488	-0.183	-0.090	-0.161	0.004	0.55	-0.11	1.6	0.0030	
mmu-miR-135b	0.575	0.754	0.704	0.469	0.061	0.441	-0.191	0.003	0.63	0.08	1.5	0.0216	
mmu-miR-665	0.582	0.518	0.599	0.588	0.056	-0.057	0.142	0.100	0.57	0.06	1.4	0.0003	yes
mmu-miR-136*	-0.025	0.181	-0.007	-0.008	-0.400	-0.427	-0.539	-0.313	0.04	-0.42	1.4	0.0073	
mmu-miR-467b	0.208	0.319	0.413	0.412	-0.067	-0.150	-0.089	-0.090	0.34	-0.10	1.4	0.0041	
mmu-miR-363	0.066	0.344	0.402	0.221	-0.060	0.015	-0.297	-0.140	0.26	-0.12	1.3	0.0497	
mmu-miR-381	0.164	0.122	0.189	0.055	-0.208	-0.351	-0.123	-0.191	0.13	-0.22	1.3	0.0054	yes
mmu-miR-487b	-0.130	-0.026	-0.051	-0.064	-0.494	-0.307	-0.527	-0.331	-0.07	-0.41	1.3	0.0055	yes
mmu-miR-341	0.306	0.274	0.315	0.344	-0.121	-0.104	0.018	0.057	0.31	-0.04	1.3	0.0019	yes

mmu-miR-1193	0.102	0.202	0.310	0.160	-0.161	-0.277	-0.090	-0.065	0.19	-0.15	**1.3**	0.0103	yes
mmu-miR-18b	0.176	0.407	0.385	0.242	0.025	0.175	-0.219	-0.057	0.30	-0.02	**1.2**	0.0473	
mmu-miR-466a-3p/m	0.257	0.187	0.245	0.339	0.049	-0.158	-0.144	0.020	0.26	-0.06	**1.2**	0.0038	
mmu-miR-467a	-0.161	0.027	0.004	0.012	-0.281	-0.424	-0.352	-0.312	-0.03	-0.34	**1.2**	0.0207	
mmu-miR-20b*	0.100	0.118	0.072	0.158	-0.204	-0.065	-0.292	-0.218	0.11	-0.19	**1.2**	0.0061	
mmu-miR-466b-3-3p	0.199	0.199	0.194	0.284	0.021	-0.216	-0.135	-0.018	0.22	-0.09	**1.2**	0.0084	
mmu-miR-494	0.080	0.063	0.038	0.053	-0.145	-0.311	-0.178	-0.281	0.06	-0.23	**1.2**	0.0054	yes
mmu-miR-195	-0.172	-0.023	-0.098	-0.166	-0.440	-0.382	-0.509	-0.262	-0.11	-0.40	**1.2**	0.0263	
mmu-miR-412	-0.198	-0.049	-0.091	-0.074	-0.494	-0.292	-0.435	-0.315	-0.10	-0.38	**1.2**	0.0015	yes
mmu-miR-190	NA	0.364	0.311	NA	0.092	0.097	-0.080	0.124	0.34	0.06	**1.2**	0.1192	
mmu-miR-708	-0.341	-0.048	-0.146	-0.268	-0.374	-0.314	-0.521	-0.675	-0.20	-0.47	**1.2**	0.0496	
mmu-miR-669f	0.433	0.309	0.287	0.400	0.162	-0.010	0.086	0.125	0.36	0.09	**1.2**	0.0016	
mmu-miR-200a	-0.044	0.252	0.274	0.142	-0.141	0.024	-0.252	-0.016	0.16	-0.10	**1.2**	0.0763	
hsa_SNORD2	-0.193	0.032	-0.017	-0.111	-0.280	-0.272	-0.385	-0.319	-0.07	-0.31	**1.2**	0.0290	
mmu-miR-467e	0.139	0.194	0.208	0.345	0.036	-0.098	0.039	-0.050	0.22	-0.02	**1.2**	0.0345	
mmu-miR-297a	0.209	0.226	0.264	0.375	0.075	-0.082	0.116	0.037	0.27	0.04	**1.2**	0.0224	
mmu-miR-467a*/mmu	0.368	0.108	0.198	0.300	0.072	-0.135	0.041	0.081	0.24	0.01	**1.2**	0.0042	
mmu-miR-96	-0.104	0.177	0.050	-0.168	-0.263	-0.277	-0.354	-0.056	-0.01	-0.24	**1.2**	0.1805	
mmu-miR-669a	0.318	0.212	0.250	0.435	0.171	0.037	0.111	-0.005	0.30	0.08	**1.2**	0.0520	
mmu-miR-466d-3p	0.243	0.121	0.133	0.222	0.049	-0.107	-0.115	-0.003	0.18	-0.04	**1.2**	0.0003	
mmu-miR-467c	-0.076	0.000	0.109	0.137	-0.141	-0.190	-0.190	-0.183	0.04	-0.18	**1.2**	0.0337	
mmu-miR-19b	0.163	0.193	0.149	0.163	-0.026	0.069	-0.140	-0.064	0.17	-0.04	**1.2**	0.0092	
mmu-miR-19a	-0.013	0.142	0.128	0.136	-0.075	-0.016	-0.220	-0.098	0.10	-0.10	**1.1**	0.0450	
mmu-miR-32	-0.135	0.184	0.252	0.008	-0.232	-0.032	-0.393	0.167	0.08	-0.12	**1.1**	0.3194	
mmu-miR-485*	0.115	0.145	0.135	0.152	-0.077	-0.066	-0.089	-0.013	0.14	-0.06	**1.1**	0.0006	yes
mmu-miR-466g	0.048	-0.070	-0.050	0.121	-0.111	-0.280	-0.133	-0.201	0.01	-0.18	**1.1**	0.0306	
mmu-miR-466h	0.393	0.248	0.299	0.451	0.179	0.085	0.251	0.176	0.35	0.17	**1.1**	0.0359	
mmu-miR-200b	0.006	0.188	0.127	0.121	-0.066	-0.042	-0.096	0.007	0.11	-0.05	**1.1**	0.0270	
mmu-miR-101a	-0.043	0.190	0.198	0.091	-0.122	0.040	-0.179	0.055	0.11	-0.05	**1.1**	0.1257	
mmu-miR-470	0.049	0.052	0.030	0.041	-0.135	-0.185	-0.054	-0.076	0.04	-0.11	**1.1**	0.0201	
mmu-miR-672	0.170	0.056	0.086	0.145	-0.105	-0.072	-0.044	0.093	0.11	-0.03	**1.1**	0.0517	
mmu-miR-770-3p	0.147	0.175	0.192	0.149	0.027	-0.046	0.119	-0.003	0.17	0.02	**1.1**	0.0197	yes
mmu-miR-20b	-0.093	0.381	0.342	0.057	0.106	0.214	-0.211	0.018	0.17	0.03	**1.1**	0.4408	
mmu-miR-130a	-0.049	0.069	0.037	-0.030	-0.130	-0.114	-0.224	-0.034	0.01	-0.13	**1.1**	0.1011	
mmu-miR-99b	-0.163	-0.161	-0.193	-0.134	-0.268	-0.197	-0.322	-0.376	-0.16	-0.29	**1.1**	0.0577	
mmu-miR-467b*	0.134	-0.031	-0.054	0.052	-0.091	-0.117	-0.133	-0.069	0.03	-0.10	**1.1**	0.0325	
mmu-miR-291b-3p	-0.255	0.087	0.038	-0.310	-0.263	-0.239	-0.353	-0.089	-0.11	-0.24	**1.1**	0.4437	
mmu-miR-126-3p	-0.283	0.097	-0.014	-0.248	-0.207	-0.201	-0.358	-0.160	-0.11	-0.23	**1.1**	0.3820	
mmu-miR-668	-0.035	-0.041	-0.167	-0.174	-0.249	-0.056	-0.278	-0.293	-0.10	-0.22	**1.1**	0.0673	

mmu-miR-429	-0.059	0.151	0.114	0.120	-0.108	0.032	-0.064	0.008	0.08	-0.03	**1.1**	0.0226	
mmu-miR-666-5p	-0.462	-0.487	NA	NA	-0.527	-0.683	-0.553	-0.590	-0.47	-0.59	**1.1**	0.2953	yes
mmu-miR-690	-0.228	-0.092	-0.185	-0.225	-0.251	-0.250	-0.357	-0.326	-0.18	-0.30	**1.1**	0.0436	
mmu-miR-92b	0.080	0.089	0.069	0.194	-0.051	0.050	-0.028	0.009	0.11	-0.01	**1.1**	0.0343	
mmu-miR-712	0.188	0.082	0.071	0.040	0.041	0.021	-0.057	-0.076	0.10	-0.02	**1.1**	0.0088	
mmu-miR-301b	-0.279	-0.016	0.026	-0.071	-0.163	-0.527	-0.216	0.115	-0.09	-0.20	**1.1**	0.5389	
mmu-miR-18a	-0.145	-0.005	-0.068	-0.089	-0.158	-0.209	-0.284	-0.106	-0.08	-0.19	**1.1**	0.1407	
mmu-miR-183	-0.090	0.092	0.027	-0.103	-0.143	-0.225	-0.152	0.005	-0.02	-0.13	**1.1**	0.3097	
mmu-miR-182	0.016	0.180	0.108	-0.043	-0.056	-0.149	-0.091	0.116	0.07	-0.04	**1.1**	0.3675	
mmu-miR-92a	0.176	0.149	0.090	0.173	-0.038	0.158	-0.002	0.036	0.15	0.04	**1.1**	0.1019	
mmu-miR-181c	-0.562	-0.223	-0.320	-0.504	-0.476	-0.668	-0.573	-0.318	-0.40	-0.51	**1.1**	0.5209	
mmu-miR-15a	0.029	0.098	0.141	0.027	-0.063	0.009	-0.132	0.076	0.07	-0.03	**1.1**	0.2244	
mmu-miR-207	0.085	0.135	0.131	0.209	0.040	0.088	-0.038	0.068	0.14	0.04	**1.1**	0.0514	
mmu-miR-1959	0.028	0.063	-0.006	-0.004	-0.116	0.011	-0.153	-0.023	0.02	-0.07	**1.1**	0.0700	
mmu-miR-297c	0.092	0.099	0.041	0.168	0.058	-0.023	0.025	-0.020	0.10	0.01	**1.1**	0.1101	
SNORD38B-5	-0.220	0.017	-0.020	-0.153	-0.190	-0.108	-0.275	-0.163	-0.09	-0.18	**1.1**	0.2553	
mmu-miR-125a-5p	-0.157	-0.099	-0.128	-0.117	-0.181	-0.085	-0.262	-0.331	-0.13	-0.21	**1.1**	0.1842	
mmu-miR-467f	0.314	-0.003	0.031	0.166	0.053	-0.019	0.098	0.031	0.13	0.04	**1.1**	0.3124	
mmu-miR-1186	-0.035	0.158	0.092	0.082	0.044	-0.079	-0.051	0.043	0.07	-0.01	**1.1**	0.2978	
mmu-miR-148a	0.029	0.095	0.054	0.090	-0.079	-0.014	-0.071	0.091	0.07	-0.02	**1.1**	0.0607	
mmu-miR-1274a	-0.010	0.017	-0.046	0.040	-0.074	-0.030	-0.130	-0.104	0.00	-0.08	**1.1**	0.0274	
hsa_SNORD12	-0.112	-0.055	-0.134	-0.156	-0.198	-0.201	-0.203	-0.188	-0.11	-0.20	**1.1**	0.0396	
mmu-miR-293	0.041	0.217	0.213	0.106	0.042	0.090	-0.050	0.163	0.14	0.06	**1.1**	0.3288	
mmu-miR-691	-0.273	-0.109	-0.259	-0.346	-0.201	-0.387	-0.384	-0.339	-0.25	-0.33	**1.1**	0.3728	
mmu-miR-467g	0.315	0.049	0.076	0.162	0.051	-0.022	0.150	0.098	0.15	0.07	**1.1**	0.3283	
mmu-miR-582-3p	-0.085	-0.212	-0.257	-0.092	-0.250	-0.116	-0.279	-0.302	-0.16	-0.24	**1.1**	0.3583	
mmu-miR-466f-3p	0.199	0.034	0.068	0.154	0.049	-0.007	0.065	0.054	0.11	0.04	**1.1**	0.1082	
mmu-miR-466i	0.195	-0.010	0.005	0.149	0.026	-0.039	0.055	0.004	0.08	0.01	**1.1**	0.2480	
mmu-miR-467e*	0.348	0.109	0.147	0.204	0.143	0.096	0.166	0.116	0.20	0.13	**1.1**	0.2449	
mmu-miR-138*	-0.210	-0.110	-0.218	-0.201	-0.300	-0.184	-0.300	-0.230	-0.18	-0.25	**1.0**	0.0156	
mmu-miR-20a	-0.341	0.195	0.232	-0.099	-0.029	0.044	-0.335	0.038	0.00	-0.07	**1.0**	0.7507	
mmu-miR-297a*/mmu	0.050	-0.086	-0.066	0.023	-0.082	-0.109	-0.062	-0.090	-0.02	-0.09	**1.0**	0.1418	
mmu-miR-16	-0.286	0.099	0.019	-0.108	-0.153	-0.120	-0.290	0.026	-0.07	-0.13	**1.0**	0.6125	
mmu-miR-677	-0.246	-0.076	-0.085	-0.064	-0.245	-0.106	-0.219	-0.156	-0.12	-0.18	**1.0**	0.1282	
mmu-miR-338-5p	-0.178	0.101	-0.037	-0.074	-0.097	-0.094	-0.180	-0.069	-0.05	-0.11	**1.0**	0.3976	
mmu-miR-466b-5p	0.154	0.007	-0.076	0.164	-0.008	0.012	0.035	-0.042	0.06	0.00	**1.0**	0.4564	
mmu-miR-191	0.007	-0.003	-0.071	-0.071	-0.141	-0.060	-0.138	-0.048	-0.03	-0.10	**1.0**	0.1709	
mmu-miR-293*	-0.327	0.065	-0.003	-0.230	-0.172	-0.116	-0.362	-0.089	-0.12	-0.18	**1.0**	0.6619	
mmu-miR-770-5p	-0.301	-0.174	-0.253	NA	-0.279	-0.332	-0.388	-0.211	-0.24	-0.30	**1.0**	0.2520	

mmu-miR-667	-0.150	-0.212	-0.197	-0.216	-0.229	-0.266	-0.250	-0.267	-0.19	-0.25	**1.0**	0.0030	yes
mmu-miR-30c	0.045	0.104	0.116	0.089	0.003	0.015	-0.026	0.128	0.09	0.03	**1.0**	0.2247	
SNORD44-5	0.234	0.103	-0.016	0.140	0.042	0.105	0.122	-0.036	0.12	0.06	**1.0**	0.5222	
mmu-miR-30b	-0.102	0.050	0.020	-0.046	-0.073	-0.086	-0.203	0.061	-0.02	-0.08	**1.0**	0.5143	
mmu-miR-455	-0.200	-0.204	-0.184	-0.320	-0.241	-0.310	-0.302	-0.262	-0.23	-0.28	**1.0**	0.2917	
mmu-miR-30e	-0.160	0.066	0.107	-0.008	-0.083	-0.023	-0.184	0.098	0.00	-0.05	**1.0**	0.6283	
mmu-miR-292-5p	-0.142	-0.070	-0.162	-0.134	-0.251	-0.185	-0.210	-0.056	-0.13	-0.18	**1.0**	0.3597	
mmu-miR-669i	-0.098	-0.083	-0.099	-0.027	-0.133	-0.137	-0.149	-0.075	-0.08	-0.12	**1.0**	0.0015	
mmu-miR-33	0.059	0.219	0.150	0.137	0.118	0.014	0.001	0.265	0.14	0.10	**1.0**	0.6375	
mmu-miR-715	0.384	0.380	0.445	0.392	0.388	0.272	0.411	0.366	0.40	0.36	**1.0**	0.1828	
mmu-miR-879*	-0.049	0.112	0.037	0.036	0.013	-0.020	-0.045	0.027	0.03	-0.01	**1.0**	0.4114	
mmu-miR-709	-0.396	-0.121	-0.277	-0.401	-0.273	-0.422	-0.352	-0.308	-0.30	-0.34	**1.0**	0.7083	
mmu-miR-466a-5p	0.178	0.114	0.034	0.239	0.060	0.155	0.164	0.030	0.14	0.10	**1.0**	0.6470	
U6-snRNA-2	0.067	-0.036	-0.099	-0.014	-0.058	-0.036	-0.064	-0.079	-0.02	-0.06	**1.0**	0.3560	
mmu-miR-1187	0.172	0.134	0.063	0.119	0.112	0.080	0.144	-0.003	0.12	0.08	**1.0**	0.4353	
hsa_SNORD14B	0.046	0.038	0.065	0.047	0.002	0.231	-0.099	-0.091	0.05	0.01	**1.0**	0.6708	
mghv-miR-M1-7-3p	-0.018	-0.015	0.059	-0.003	0.025	-0.154	0.004	-0.004	0.01	-0.03	**1.0**	0.4057	
U6-snRNA-1	-0.064	-0.210	-0.270	-0.135	-0.144	-0.204	-0.154	-0.328	-0.17	-0.21	**1.0**	0.6041	
mmu-miR-106a	-0.109	0.107	0.062	-0.063	0.013	0.001	-0.158	-0.007	0.00	-0.04	**1.0**	0.6654	
mmu-miR-467h	0.097	0.073	-0.013	0.142	0.117	0.004	0.036	0.001	0.07	0.04	**1.0**	0.4745	
mmu-miR-669c/mmu-	0.101	0.054	0.036	0.186	0.072	0.032	0.107	0.027	0.09	0.06	**1.0**	0.5169	
mmu-miR-466c-5p	0.211	-0.067	0.009	0.134	0.067	-0.027	0.113	0.007	0.07	0.04	**1.0**	0.6417	
mmu-miR-290-5p	0.012	0.145	0.124	0.034	0.055	-0.013	-0.022	0.168	0.08	0.05	**1.0**	0.6921	
mmu-miR-17	-0.211	0.095	0.123	-0.037	-0.003	0.058	-0.181	-0.028	-0.01	-0.04	**1.0**	0.7875	
mmu-miR-130b	0.053	-0.012	0.031	0.172	0.018	-0.167	0.092	0.187	0.06	0.03	**1.0**	0.5791	
mmu-let-7d*	0.462	0.278	0.413	NA	0.351	0.307	0.403	0.367	0.38	0.36	**1.0**	0.5422	
mmu-miR-669d/mmu	0.159	0.070	0.084	0.244	0.107	0.095	0.206	0.042	0.14	0.11	**1.0**	0.7252	
mmu-miR-294*	-0.070	0.077	0.042	-0.061	-0.012	-0.102	-0.028	0.024	0.00	-0.03	**1.0**	0.6937	
mmu-miR-669b	0.047	0.020	0.125	NA	0.055	-0.039	0.082	0.058	0.06	0.04	**1.0**	0.2559	
mmu-miR-291b-5p	0.038	0.101	0.091	0.124	0.040	0.003	0.077	0.133	0.09	0.06	**1.0**	0.3830	
mmu-miR-101b	-0.176	0.051	0.068	-0.083	-0.096	-0.057	-0.223	0.136	-0.04	-0.06	**1.0**	0.8365	
mmu-miR-34b-3p	-0.239	-0.075	-0.206	-0.213	-0.227	-0.087	-0.243	-0.270	-0.18	-0.21	**1.0**	0.2129	
mmu-miR-294	-0.283	-0.168	-0.200	-0.289	-0.264	-0.264	-0.343	-0.161	-0.24	-0.26	**1.0**	0.7292	
mmu-miR-15b	-0.497	-0.075	-0.237	-0.377	-0.304	-0.276	-0.474	-0.221	-0.30	-0.32	**1.0**	0.8565	
mmu-miR-1192	0.127	-0.007	-0.085	-0.001	-0.025	-0.032	0.010	-0.008	0.01	-0.01	**1.0**	0.6905	
mmu-miR-503*	-0.172	-0.054	-0.117	-0.112	-0.122	-0.104	-0.167	-0.145	-0.11	-0.13	**1.0**	0.4479	
mmu-miR-26b	-0.104	0.183	0.195	0.087	0.086	0.114	-0.049	0.131	0.09	0.07	**1.0**	0.8430	
mmu-miR-200b*	-0.056	-0.014	-0.018	-0.125	-0.068	-0.151	0.001	-0.072	-0.05	-0.07	**1.0**	0.6738	
mmu-miR-693-5p	-0.023	-0.003	-0.030	-0.010	-0.038	0.012	-0.009	-0.097	-0.02	-0.03	**1.0**	0.5492	

mmu-miR-466d-5p	0.182	0.074	0.077	0.208	0.100	0.118	0.203	0.065	0.14	0.12	1.0	0.8378
mmu-miR-551b	0.096	0.012	0.052	0.110	0.023	0.073	0.095	0.025	0.07	0.05	1.0	0.7492
mmu-miR-92a*	0.202	0.201	0.160	0.208	0.183	0.170	0.234	0.132	0.19	0.18	1.0	0.7089
mmu-miR-574-5p	0.173	-0.017	-0.034	0.095	0.017	0.076	0.119	-0.046	0.05	0.04	1.0	0.8826
mmu-miR-331-3p	-0.458	-0.327	-0.425	-0.496	-0.434	-0.370	-0.528	-0.424	-0.43	-0.44	1.0	0.7665
mmu-miR-503	-0.044	-0.051	-0.032	-0.096	0.006	-0.200	-0.017	-0.060	-0.06	-0.07	1.0	0.8151
mmu-let-7e	-0.432	-0.208	-0.304	-0.410	-0.261	-0.362	-0.494	-0.282	-0.34	-0.35	1.0	0.9093
mmu-miR-712*	0.075	0.179	0.202	0.045	0.160	0.039	0.112	0.151	0.13	0.12	1.0	0.8875
mmu-miR-542-3p	-0.157	-0.092	-0.087	-0.097	-0.148	-0.086	-0.159	-0.075	-0.11	-0.12	1.0	0.7103
mmu-miR-107	-0.288	-0.066	-0.041	-0.197	-0.178	-0.147	-0.298	-0.002	-0.15	-0.16	1.0	0.9378
mmu-miR-99b*	0.128	0.029	0.112	0.151	0.115	0.106	0.129	0.039	0.11	0.10	1.0	0.8542
mmu-miR-183*	-0.074	0.038	-0.017	-0.022	-0.010	-0.073	0.000	-0.016	-0.02	-0.02	1.0	0.8836
mmu-miR-874	-0.292	-0.224	-0.264	-0.253	-0.183	-0.357	-0.280	-0.233	-0.26	-0.26	1.0	0.9253
mmu-miR-150	0.033	0.028	0.116	0.039	0.047	0.002	0.096	0.053	0.05	0.05	1.0	0.7114
mmu-miR-375	0.023	0.049	0.075	-0.010	0.048	0.023	0.031	0.019	0.03	0.03	1.0	0.8460
mmu-miR-468	0.119	0.006	0.025	0.122	0.036	0.077	0.123	0.022	0.07	0.06	1.0	0.9508
mmu-miR-675-5p	0.144	-0.095	-0.005	-0.029	0.015	-0.022	0.072	-0.063	0.00	0.00	1.0	0.9493
mmu-miR-675-3p	-0.175	0.009	-0.007	-0.124	-0.012	-0.205	-0.099	0.009	-0.07	-0.08	1.0	0.9789
mmu-miR-298	-0.200	-0.127	-0.216	-0.137	-0.231	-0.147	-0.190	-0.121	-0.17	-0.17	1.0	0.8657
mmu-miR-181d	-0.085	0.066	0.023	-0.087	-0.074	-0.172	-0.054	0.208	-0.02	-0.02	1.0	0.9856
mmu-miR-291a-5p	-0.032	0.070	-0.002	0.032	-0.017	-0.023	0.013	0.088	0.02	0.02	1.0	0.9501
mmu-miR-466e-5p	0.084	-0.002	-0.027	0.071	0.028	0.037	0.097	-0.040	0.03	0.03	1.0	0.9827
mmu-miR-330*	-0.397	-0.359	-0.324	-0.395	-0.317	-0.453	-0.353	-0.357	-0.37	-0.37	1.0	0.9772
mmu-miR-362-3p	-0.295	-0.115	-0.157	-0.181	-0.183	-0.088	-0.270	-0.201	-0.19	-0.19	1.0	0.9817
mmu-miR-669e	0.141	-0.024	0.004	0.153	0.071	0.103	0.133	-0.019	0.07	0.07	1.0	0.9626
mmu-miR-490	-0.122	-0.235	-0.303	-0.256	-0.259	-0.252	-0.154	-0.235	-0.23	-0.23	1.0	0.9524
mmu-miR-296-3p	0.070	-0.002	0.056	0.074	0.047	0.048	0.053	0.070	0.05	0.05	1.0	0.7801
U6B-5	-0.149	0.059	-0.133	-0.195	-0.035	-0.013	-0.115	-0.236	-0.10	-0.10	1.0	0.9127
mmu-miR-291a-3p	-0.025	0.005	-0.003	-0.037	-0.114	0.003	0.015	0.056	-0.02	-0.01	1.0	0.9003
mmu-miR-197	-0.203	-0.187	-0.229	-0.210	-0.235	-0.138	-0.233	-0.196	-0.21	-0.20	1.0	0.7157
mmu-miR-300*	0.155	0.122	0.141	0.101	0.170	0.081	0.187	0.108	0.13	0.14	1.0	0.7301	yes
mmu-miR-720	-0.035	-0.060	-0.101	-0.050	-0.125	0.021	-0.122	0.008	-0.06	-0.05	1.0	0.8651
mmu-miR-184	0.125	0.012	0.095	0.059	0.135	-0.153	0.230	0.109	0.07	0.08	1.0	0.9123
5SrRNA-5	0.085	0.059	0.125	0.098	0.104	0.170	0.071	0.056	0.09	0.10	1.0	0.8413
mmu-miR-425	-0.179	-0.118	-0.108	-0.165	-0.206	-0.077	-0.172	-0.073	-0.14	-0.13	1.0	0.7803
mcmv-miR-m88-1	-0.024	-0.121	-0.136	-0.065	-0.088	-0.114	-0.077	-0.025	-0.09	-0.08	1.0	0.7176
mmu-miR-883b-5p	-0.074	-0.057	-0.028	-0.122	-0.090	-0.042	-0.035	-0.070	-0.07	-0.06	1.0	0.5205
mmu-miR-325	0.105	-0.010	-0.033	-0.033	-0.038	0.058	0.067	-0.009	0.01	0.02	1.0	0.8349
mmu-miR-30b*	0.160	0.048	-0.043	0.136	0.055	0.090	0.149	0.063	0.08	0.09	1.0	0.8491

mmu-miR-714	0.196	-0.010	0.190	0.153	0.112	0.018	0.263	0.195	0.13	0.15	1.0	0.6978
mmu-miR-302b	-0.328	0.301	0.335	0.284	0.146	0.929	-0.281	-0.139	0.15	0.16	1.0	0.9634
mmu-miR-344	-0.224	-0.159	-0.195	-0.229	-0.263	-0.168	-0.198	-0.108	-0.20	-0.18	1.0	0.6568
mmu-miR-881	-0.019	-0.079	-0.170	-0.104	-0.115	-0.053	-0.073	-0.058	-0.09	-0.07	1.0	0.6822
mmu-miR-103	-0.100	0.055	0.086	0.002	-0.009	0.033	-0.025	0.118	0.01	0.03	1.0	0.7458
mmu-miR-705	0.059	0.057	0.095	0.085	0.040	0.137	0.092	0.102	0.07	0.09	1.0	0.4519
mmu-miR-695	0.042	0.058	0.036	0.010	0.057	-0.011	0.143	0.033	0.04	0.06	1.0	0.6226
mmu-miR-149	-0.093	-0.174	-0.119	-0.150	-0.200	0.037	-0.138	-0.157	-0.13	-0.11	1.0	0.7897
mmu-miR-804	-0.069	0.013	0.036	0.032	-0.038	0.081	-0.018	0.067	0.00	0.02	1.0	0.5013
mmu-miR-27a	-0.328	0.025	-0.016	-0.225	-0.088	0.037	-0.355	-0.051	-0.14	-0.11	1.0	0.8761
mghv-miR-M1-8	0.194	0.017	0.047	0.035	0.056	0.087	0.130	0.108	0.07	0.10	1.0	0.7055
mmu-miR-466f-5p	0.099	0.054	0.093	0.217	0.131	0.141	0.198	0.083	0.12	0.14	1.0	0.7076
mmu-miR-17*	-0.189	-0.174	-0.112	-0.128	-0.081	-0.283	-0.074	-0.074	-0.15	-0.13	1.0	0.6610
mmu-miR-345-5p	-0.136	-0.079	-0.054	-0.227	-0.076	-0.162	-0.076	-0.087	-0.12	-0.10	1.0	0.6652
SNORD48-5	0.191	0.068	0.058	0.134	0.122	0.162	0.212	0.052	0.11	0.14	1.0	0.7104
mmu-miR-669h-3p	0.081	0.007	-0.002	0.038	0.000	0.076	0.072	0.082	0.03	0.06	1.0	0.5170
mmu-miR-678	0.066	0.048	-0.005	0.011	0.015	0.035	0.150	0.029	0.03	0.06	1.0	0.5871
mmu-miR-34c*	-0.088	-0.230	-0.312	-0.228	-0.215	-0.124	-0.188	-0.222	-0.21	-0.19	1.0	0.6673
mmu-miR-140	-0.021	0.086	0.125	0.054	0.075	0.152	-0.023	0.150	0.06	0.09	1.0	0.6725
mmu-miR-215	-0.178	-0.146	-0.155	-0.134	-0.118	-0.187	-0.065	-0.131	-0.15	-0.13	1.0	0.4130
mmu-miR-292-3p	-0.114	-0.100	-0.131	-0.107	-0.155	-0.085	-0.076	-0.025	-0.11	-0.08	1.0	0.3735
mmu-miR-295	-0.140	-0.069	-0.061	-0.043	-0.115	-0.076	-0.045	0.038	-0.08	-0.05	1.0	0.2201
mmu-miR-1196	-0.036	-0.044	-0.091	-0.064	-0.051	-0.052	0.042	-0.057	-0.06	-0.03	1.0	0.4579
mmu-miR-615-3p	-0.013	-0.064	-0.061	-0.089	0.010	-0.074	-0.003	-0.037	-0.06	-0.03	1.0	0.1419
mmu-miR-383	-0.155	-0.148	-0.151	-0.067	-0.161	-0.052	-0.096	-0.084	-0.13	-0.10	1.0	0.3142
mmu-let-7b	0.142	-0.109	-0.044	0.099	0.021	-0.039	0.158	0.085	0.02	0.06	1.0	0.6521
mmu-miR-875-3p	-0.065	-0.036	-0.089	-0.069	-0.058	0.180	-0.121	-0.122	-0.06	-0.03	1.0	0.6188
mmu-miR-152	0.128	0.001	0.003	0.156	0.014	0.202	0.030	0.179	0.07	0.11	1.0	0.6322
mmu-miR-339-5p	-0.345	-0.183	-0.249	-0.264	-0.265	-0.148	-0.303	-0.188	-0.26	-0.23	1.0	0.3496
mmu-miR-301a	-0.354	-0.079	0.000	-0.235	-0.246	-0.036	-0.318	0.071	-0.17	-0.13	1.0	0.8058
mghv-miR-M1-4	0.103	0.051	0.068	0.047	0.096	0.077	0.135	0.107	0.07	0.10	1.0	0.1211
mmu-miR-713	-0.060	-0.142	-0.177	-0.212	-0.107	-0.192	-0.057	-0.078	-0.15	-0.11	1.0	0.4949
mmu-miR-805	-0.377	-0.042	-0.140	-0.359	-0.314	0.309	-0.529	-0.220	-0.23	-0.19	1.0	0.8095
mmu-miR-483*	0.134	0.108	0.116	0.110	0.193	0.098	0.144	0.199	0.12	0.16	1.0	0.1461
mghv-miR-M1-3	0.076	-0.068	-0.031	-0.057	0.011	-0.027	0.095	0.011	-0.02	0.02	1.0	0.3661
mmu-miR-686	-0.162	-0.092	-0.235	NA	-0.148	-0.163	-0.065	-0.103	-0.16	-0.12	1.0	0.6499
mmu-miR-106b*	0.033	-0.063	-0.071	-0.007	0.054	-0.081	-0.006	0.101	-0.03	0.02	1.0	0.2012
mmu-miR-328	0.131	0.266	0.250	NA	0.225	0.251	0.249	0.322	0.22	0.26	1.0	0.5282
mmu-miR-674*	-0.178	-0.036	-0.145	-0.143	-0.124	-0.156	-0.083	0.045	-0.13	-0.08	1.0	0.5191

mmu-miR-763	-0.045	-0.192	-0.265	-0.301	-0.156	-0.341	-0.030	-0.083	-0.20	-0.15	**1.0**	0.6736
mmu-miR-7a	-0.031	0.012	0.024	-0.004	0.051	0.152	-0.088	0.080	0.00	0.05	**1.0**	0.4452
mmu-miR-872*	-0.195	-0.121	-0.130	-0.165	-0.078	-0.173	-0.070	-0.093	-0.15	-0.10	**1.0**	0.2633
mmu-miR-191*	-0.055	0.075	0.031	0.089	0.049	0.173	0.001	0.116	0.03	0.08	**1.0**	0.2159
mmu-miR-129-5p	0.285	0.184	0.284	0.156	0.246	0.255	0.319	0.289	0.23	0.28	**1.0**	0.2577
mmu-miR-361	-0.018	-0.035	-0.017	0.051	0.007	0.048	0.040	0.093	0.00	0.05	**1.0**	0.0251
mmu-miR-744	0.039	0.087	0.059	0.017	0.146	-0.007	0.128	0.144	0.05	0.10	**1.0**	0.3762
mmu-miR-24-1*	-0.374	-0.210	-0.268	-0.342	-0.263	-0.056	-0.335	-0.332	-0.30	-0.25	**1.0**	0.3712
mmu-miR-106b	-0.269	-0.122	-0.104	-0.149	-0.147	-0.101	-0.187	0.001	-0.16	-0.11	**1.0**	0.3935
mmu-miR-685	-0.142	-0.173	-0.150	-0.218	-0.117	-0.081	-0.089	-0.183	-0.17	-0.12	**1.0**	0.0385
mmu-miR-877	-0.003	-0.044	-0.010	-0.023	-0.019	-0.027	0.118	0.064	-0.02	0.03	**1.0**	0.1991
mmu-miR-30e*	-0.129	0.013	0.007	NA	0.014	0.042	-0.066	0.082	-0.04	0.02	**1.0**	0.6491
mmu-miR-465b-5p	-0.125	-0.047	-0.139	-0.083	-0.078	-0.029	-0.078	0.011	-0.10	-0.04	**1.0**	0.0380
mmu-miR-124	-0.229	-0.250	-0.296	-0.210	-0.112	-0.406	-0.066	-0.176	-0.25	-0.19	**1.0**	0.5399
hsa_SNORD6	-0.276	-0.289	-0.170	-0.178	-0.132	-0.246	-0.163	-0.147	-0.23	-0.17	**1.0**	0.1587
mmu-miR-125b-3p	0.161	0.010	0.037	0.035	0.128	0.059	0.191	0.096	0.06	0.12	**1.0**	0.2301
mmu-miR-721	-0.040	-0.061	-0.035	-0.050	0.065	-0.110	0.101	0.001	-0.05	0.01	**1.0**	0.2293
mmu-miR-23b	-0.395	-0.077	-0.162	-0.223	-0.205	0.022	-0.336	-0.093	-0.21	-0.15	**1.0**	0.5025
mmu-miR-26a	-0.064	0.075	0.094	0.016	0.125	0.093	0.016	0.132	0.03	0.09	**1.0**	0.3692
mmu-miR-433*	0.134	0.046	0.128	0.045	0.112	0.151	0.179	0.158	0.09	0.15	**1.0**	0.1413	yes
mmu-miR-615-5p	NA	-0.025	NA	NA	0.062	0.050	0.102	-0.064	-0.02	0.04	**1.0**	#DIV/0!
mmu-miR-130b*	-0.115	-0.097	-0.151	-0.080	-0.081	-0.049	-0.029	-0.030	-0.11	-0.05	**1.0**	0.0484
mmu-miR-295*	-0.239	-0.100	-0.140	-0.218	-0.107	-0.114	-0.178	-0.041	-0.17	-0.11	**1.0**	0.3121
mmu-miR-30d	-0.102	-0.103	-0.095	-0.050	-0.057	-0.039	-0.077	0.079	-0.09	-0.02	**1.0**	0.0730
mmu-miR-140*	-0.204	-0.173	-0.207	-0.207	-0.162	-0.122	-0.158	-0.086	-0.20	-0.13	**1.0**	0.0399
mmu-miR-129-3p	NA	-0.169	-0.232	NA	-0.120	-0.203	-0.142	-0.070	-0.20	-0.13	**1.0**	0.7309
mmu-miR-689	-0.194	-0.170	-0.238	-0.168	-0.099	-0.190	-0.151	-0.050	-0.19	-0.12	**1.0**	0.1051
mmu-miR-151-5p	-0.502	-0.231	-0.303	NA	-0.264	-0.141	-0.428	-0.267	-0.35	-0.28	**1.0**	0.5877
mmu-miR-205	0.465	0.480	0.539	0.550	0.404	0.619	0.404	0.896	0.51	0.58	**1.0**	0.5494
mmu-miR-367	0.259	0.429	0.553	0.716	0.547	1.357	0.134	0.215	0.49	0.56	**1.0**	0.8402
mcmv-miR-M23-1-5p	-0.126	-0.046	-0.035	-0.069	0.021	-0.124	0.050	0.072	-0.07	0.00	**1.0**	0.2548
mmu-miR-25	-0.025	-0.078	-0.113	0.014	-0.070	-0.015	0.102	0.086	-0.05	0.03	**0.9**	0.2495
hsa_SNORD13	-0.475	-0.213	-0.291	-0.432	-0.260	-0.251	-0.354	-0.235	-0.35	-0.28	**0.9**	0.3712
mmu-miR-423-3p	-0.205	-0.158	-0.217	-0.207	-0.139	-0.120	-0.113	-0.100	-0.20	-0.12	**0.9**	0.0166
mmu-miR-16*	-0.050	-0.080	-0.165	-0.104	-0.100	-0.094	0.076	0.036	-0.10	-0.02	**0.9**	0.3272
mghv-miR-M1-5	-0.050	-0.057	-0.041	-0.038	0.020	-0.114	0.116	0.115	-0.05	0.03	**0.9**	0.2067
mmu-miR-148b	-0.013	-0.059	-0.086	0.064	-0.005	0.076	0.053	0.106	-0.02	0.06	**0.9**	0.0908
mmu-miR-342-3p	-0.379	-0.242	-0.311	-0.298	-0.261	-0.192	-0.308	-0.138	-0.31	-0.22	**0.9**	0.0987
mmu-miR-671-5p	-0.017	-0.195	-0.121	-0.092	-0.004	-0.122	0.042	-0.001	-0.11	-0.02	**0.9**	0.0705

mmu-miR-326	-0.096	-0.069	0.023	-0.125	0.040	-0.010	0.064	-0.007	-0.07	0.02	**0.9**	0.0306	
mmu-miR-210	-0.281	-0.176	-0.271	-0.141	-0.207	-0.184	-0.111	0.008	-0.22	-0.12	**0.9**	0.0943	
mmu-miR-30a	-0.268	-0.186	-0.246	-0.188	-0.170	-0.078	-0.201	-0.062	-0.22	-0.13	**0.9**	0.0124	
mmu-miR-34a	-0.356	-0.272	-0.243	-0.254	-0.215	-0.135	-0.260	-0.133	-0.28	-0.19	**0.9**	0.0862	
mmu-miR-28	-0.357	-0.111	-0.113	-0.263	-0.108	0.056	-0.264	-0.119	-0.21	-0.11	**0.9**	0.3256	
mmu-miR-542-5p	-0.110	-0.096	-0.131	-0.088	0.021	-0.038	0.031	-0.029	-0.11	0.00	**0.9**	0.0303	
mmu-miR-688	-0.284	-0.174	-0.219	-0.198	-0.082	-0.295	-0.031	-0.034	-0.22	-0.11	**0.9**	0.2535	
mmu-miR-296-5p	0.330	0.219	0.226	0.235	0.418	0.229	0.383	0.414	0.25	0.36	**0.9**	0.0643	
mmu-miR-9*	-0.208	-0.205	-0.141	-0.234	-0.016	-0.114	-0.152	-0.062	-0.20	-0.09	**0.9**	0.0959	
mmu-miR-881*	0.013	-0.070	-0.146	0.000	0.105	-0.025	0.140	0.023	-0.05	0.06	**0.9**	0.1593	
mmu-miR-186	-0.076	-0.095	-0.020	-0.036	0.031	0.073	0.001	0.117	-0.06	0.06	**0.9**	0.0425	
mmu-miR-350	-0.286	-0.135	-0.202	-0.187	-0.081	-0.022	-0.220	-0.030	-0.20	-0.09	**0.9**	0.0978	
mmu-miR-876-5p	-0.498	-0.296	-0.422	NA	NA	-0.264	-0.378	-0.231	-0.41	-0.29	**0.9**	0.0967	
mmu-miR-465c-5p	-0.108	-0.032	-0.036	-0.159	0.079	-0.018	0.019	0.046	-0.08	0.03	**0.9**	0.0930	
mmu-miR-674	-0.173	-0.138	-0.148	-0.136	-0.031	-0.164	-0.009	0.071	-0.15	-0.03	**0.9**	0.1024	
mmu-miR-185	-0.190	-0.168	-0.242	-0.130	-0.167	0.005	-0.041	-0.053	-0.18	-0.06	**0.9**	0.0652	
mmu-miR-24	-0.198	-0.019	-0.088	-0.141	0.010	0.152	-0.091	-0.036	-0.11	0.01	**0.9**	0.0805	
mmu-miR-351	-0.056	-0.138	-0.099	-0.081	0.089	-0.029	0.066	0.025	-0.09	0.04	**0.9**	0.0027	
mmu-miR-877*	NA	NA	0.542	NA	NA	0.670	0.738	0.614	0.54	0.67	**0.9**	#DIV/0!	
mmu-miR-322	-0.153	-0.083	-0.185	NA	0.021	0.068	-0.052	-0.067	-0.14	-0.01	**0.9**	0.0058	
mmu-miR-423-5p	-0.122	-0.076	-0.139	-0.082	-0.017	0.003	0.091	0.078	-0.10	0.04	**0.9**	0.0229	
mmu-miR-711	0.188	0.203	0.237	0.122	0.345	0.254	0.380	0.358	0.19	0.33	**0.9**	0.0303	
mmu-let-7c	0.120	0.016	0.024	-0.034	0.192	0.188	0.187	0.150	0.03	0.18	**0.9**	0.0102	
mmu-miR-196a*	-0.590	-0.569	-0.696	NA	NA	-0.551	-0.330	-0.530	-0.62	-0.47	**0.9**	0.4679	
mmu-miR-335-5p	-1.754	-1.761	-1.792	-1.759	-1.659	-1.481	-1.767	-1.558	-1.77	-1.62	**0.9**	0.0764	
mmu-miR-208a	-0.484	-0.492	-0.561	-0.657	-0.319	-0.434	-0.383	-0.447	-0.55	-0.40	**0.9**	0.0193	
mmu-miR-509-3p	-0.016	-0.313	NA	NA	-0.052	-0.010	0.083	-0.057	-0.16	-0.01	**0.9**	0.5750	
mmu-miR-883a-5p	-0.065	-0.114	-0.091	0.047	0.016	0.171	0.158	0.056	-0.06	0.10	**0.9**	0.0994	
mmu-miR-223	NA	-0.852	-0.711	-0.589	-0.699	NA	-0.489	-0.479	-0.72	-0.56	**0.9**	0.2058	
mmu-miR-290-3p	0.056	0.018	0.148	0.078	0.250	0.155	0.246	0.301	0.08	0.24	**0.9**	0.0100	
mmu-miR-22*	-0.112	-0.172	-0.260	-0.210	0.008	0.086	-0.085	-0.109	-0.19	-0.02	**0.9**	0.0188	
mmu-miR-378	-0.350	-0.280	-0.274	-0.249	-0.070	-0.243	-0.154	-0.025	-0.29	-0.12	**0.9**	0.0553	
mmu-miR-343	-0.017	-0.063	-0.094	NA	0.085	0.161	0.132	0.064	-0.06	0.11	**0.9**	0.0460	
mmu-miR-93	-0.092	-0.012	0.015	-0.063	0.107	0.097	0.109	0.224	-0.04	0.13	**0.9**	0.0311	
mmu-miR-882	0.073	0.010	-0.014	0.078	0.213	0.192	0.272	0.173	0.04	0.21	**0.9**	0.0232	yes
mmu-miR-710	0.129	0.010	0.040	0.007	0.171	0.183	0.312	0.234	0.05	0.22	**0.9**	0.0376	
mmu-miR-421	-0.294	-0.080	-0.042	-0.149	0.052	0.094	-0.098	0.109	-0.14	0.04	**0.9**	0.1273	
mmu-miR-302d	0.102	0.276	0.303	0.551	0.491	1.278	0.121	0.067	0.31	0.49	**0.9**	0.6197	
mmu-miR-23a	-0.455	-0.379	-0.432	-0.377	-0.260	-0.048	-0.333	-0.258	-0.41	-0.22	**0.9**	0.0385	

mmu-miR-706	0.235	-0.046	-0.144	0.114	0.094	0.383	0.312	0.123	0.04	0.23	**0.9**	0.2983
hsa_SNORD3@	-0.008	-0.286	-0.290	-0.109	-0.027	-0.013	0.083	0.019	-0.17	0.02	**0.9**	0.1144
mmu-miR-717	0.182	-0.174	-0.196	-0.031	0.167	0.000	0.267	0.147	-0.05	0.15	**0.9**	0.1356
mmu-miR-365	-0.209	-0.079	-0.062	-0.129	0.096	0.176	0.011	0.040	-0.12	0.08	**0.9**	0.0293
mmu-miR-302c	0.180	0.341	0.401	0.471	0.555	1.155	0.263	0.257	0.35	0.56	**0.9**	0.4480
mmu-let-7g	-0.035	0.090	0.142	0.000	0.362	0.388	0.076	0.213	0.05	0.26	**0.9**	0.1249
mmu-miR-24-2*	-0.410	-0.269	-0.329	-0.373	-0.131	0.027	-0.239	-0.193	-0.35	-0.13	**0.9**	0.0215
mmu-miR-302a	0.263	0.298	0.347	0.679	0.571	1.357	0.305	0.222	0.40	0.61	**0.9**	0.5481
mmu-miR-193	-0.251	-0.288	-0.327	-0.290	-0.079	0.051	-0.161	-0.038	-0.29	-0.06	**0.9**	0.0107
mmu-miR-214	-0.007	-0.178	-0.170	-0.085	0.204	0.236	0.086	0.036	-0.11	0.14	**0.8**	0.0266
mmu-let-7a	-0.226	-0.036	-0.092	-0.166	0.171	0.365	-0.085	0.061	-0.13	0.13	**0.8**	0.0694
mmu-miR-762	-0.121	-0.204	-0.103	-0.101	0.220	-0.133	0.220	0.259	-0.13	0.14	**0.8**	0.0275
mmu-let-7d	-0.163	-0.076	-0.101	-0.086	0.288	0.404	-0.059	0.078	-0.11	0.18	**0.8**	0.0779
mmu-miR-29c	-0.618	-0.504	-0.575	-0.503	-0.304	0.009	-0.392	-0.363	-0.55	-0.26	**0.8**	0.0415
mmu-miR-320	-0.265	-0.295	-0.346	-0.202	-0.041	0.090	-0.034	0.067	-0.28	0.02	**0.8**	0.0032
mmu-let-7f	-0.297	-0.097	-0.092	-0.246	0.135	0.426	-0.108	0.046	-0.18	0.12	**0.8**	0.0794
mmu-miR-143	-0.210	-0.149	-0.135	-0.179	0.236	0.411	-0.083	0.050	-0.17	0.15	**0.8**	0.0653
mmu-miR-31	-0.304	-0.153	-0.131	-0.172	0.121	0.464	-0.003	-0.048	-0.19	0.13	**0.8**	0.0745
mmu-miR-34c	0.055	0.132	0.154	0.165	0.432	0.738	0.254	0.379	0.13	0.45	**0.8**	0.0596
mmu-miR-221	0.045	-0.029	-0.012	0.089	0.396	0.552	0.236	0.217	0.02	0.35	**0.8**	0.0426
mmu-miR-10a	NA	-0.102	NA	NA	0.319	0.347	0.094	0.149	-0.10	0.23	**0.8**	#DIV/0!
mmu-miR-21	-0.173	-0.059	-0.059	0.063	0.260	0.636	0.031	0.163	-0.06	0.27	**0.8**	0.1085
mmu-miR-145	-0.209	-0.301	-0.367	NA	0.067	0.197	-0.071	0.014	-0.29	0.05	**0.8**	0.0373
mmu-miR-22	-0.096	-0.194	-0.159	-0.066	0.194	0.481	0.187	0.011	-0.13	0.22	**0.8**	0.0677
mmu-miR-374	-0.611	-0.325	-0.400	-0.365	-0.111	0.253	-0.284	-0.089	-0.42	-0.06	**0.8**	0.0401
mmu-miR-34b-5p	-0.197	-0.093	-0.110	-0.190	0.212	0.619	0.038	0.160	-0.15	0.26	**0.8**	0.0403
mmu-miR-29b	-0.351	-0.305	-0.291	-0.321	0.144	0.319	-0.089	-0.011	-0.32	0.09	**0.8**	0.0226
mmu-miR-222	-0.154	-0.222	-0.226	-0.116	0.317	0.480	0.124	0.026	-0.18	0.24	**0.7**	0.0379
mmu-miR-199a-3p/m	-0.346	-0.176	-0.226	-0.270	0.310	0.455	-0.115	0.040	-0.25	0.17	**0.7**	0.0476
mmu-let-7i	-0.076	-0.208	-0.112	-0.181	0.379	0.532	0.185	0.171	-0.14	0.32	**0.7**	0.0185
mmu-miR-29a	-0.148	-0.230	-0.192	-0.157	0.375	0.534	0.207	0.187	-0.18	0.33	**0.7**	0.0122
mmu-miR-199a-5p	-0.033	-0.215	-0.242	-0.139	0.437	0.608	0.237	0.183	-0.16	0.37	**0.7**	0.0159
mmu-miR-125b-5p	-0.183	-0.237	-0.231	-0.138	0.393	0.539	0.248	0.141	-0.20	0.33	**0.7**	0.0145
mmu-miR-199b*	-0.043	-0.250	-0.216	-0.067	0.480	0.565	0.272	0.233	-0.14	0.39	**0.7**	0.0154
mmu-miR-27b	NA	NA	NA	NA	0.207	0.168	0.111	0.225	#DIV/0!	0.18	#####	#DIV/0!
mmu-miR-181a	NA	NA	NA	NA	0.288	0.665	0.383	0.242	#DIV/0!	0.39	#####	#DIV/0!
mmu-miR-696	NA	NA	NA	NA	NA	NA	0.087	NA	#DIV/0!	0.09	#####	#DIV/0!
mmu-miR-9	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-20a*	NA	NA	NA	NA	NA	-0.153	-0.218	-0.161	#DIV/0!	-0.18	#####	#DIV/0!

mmu-miR-31*	NA	NA	NA	NA	NA	0.160	-0.240	-0.124	#DIV/0!	-0.07	#####	#DIV/0!	
mmu-miR-433	0.857	0.886	0.776	0.983	NA	NA	NA	NA	0.88	#DIV/0!	#####	#DIV/0!	yes
mmu-miR-134	0.395	0.523	NA	0.557	NA	NA	NA	NA	0.49	#DIV/0!	#####	#DIV/0!	yes
mmu-miR-181b	NA	NA	NA	NA	NA	NA	NA	0.108	#DIV/0!	0.11	#####	#DIV/0!	
mmu-miR-18a*	NA	NA	NA	NA	NA	-0.106	-0.234	NA	#DIV/0!	-0.17	#####	#DIV/0!	
mmu-miR-190b	NA	NA	NA	NA	0.442	NA	0.508	0.334	#DIV/0!	0.43	#####	#DIV/0!	
mmu-miR-302a*	NA	NA	NA	NA	0.209	0.969	NA	NA	#DIV/0!	0.59	#####	#DIV/0!	
mmu-miR-337-5p	0.728	0.647	0.501	0.706	NA	NA	NA	NA	0.65	#DIV/0!	#####	#DIV/0!	yes
mmu-miR-431	0.890	0.935	0.788	0.828	NA	NA	NA	NA	0.86	#DIV/0!	#####	#DIV/0!	yes
mmu-miR-500	NA	NA	NA	NA	NA	NA	-0.165	-0.190	#DIV/0!	-0.18	#####	#DIV/0!	
mmu-miR-30c-1*	NA	NA	NA	NA	0.182	NA	0.240	0.269	#DIV/0!	0.23	#####	#DIV/0!	
mmu-miR-339-3p	NA	NA	NA	NA	NA	-0.352	-0.189	NA	#DIV/0!	-0.27	#####	#DIV/0!	
mmu-miR-380-3p	0.601	0.944	0.844	NA	NA	NA	NA	NA	0.80	#DIV/0!	#####	#DIV/0!	yes
mmu-miR-133b	NA	NA	NA	NA	NA	NA	0.221	0.333	#DIV/0!	0.28	#####	#DIV/0!	
mmu-miR-29b*	NA	NA	NA	NA	NA	NA	0.492	NA	#DIV/0!	0.49	#####	#DIV/0!	
mmu-miR-346	NA	NA	NA	NA	0.233	NA	NA	NA	#DIV/0!	0.23	#####	#DIV/0!	
mmu-miR-758	NA	0.794	0.702	NA	NA	NA	NA	NA	0.75	#DIV/0!	#####	#DIV/0!	yes
mmu-miR-1194	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-1198	NA	NA	NA	NA	0.185	NA	NA	NA	#DIV/0!	0.18	#####	#DIV/0!	
mmu-miR-135a	NA	0.582	NA	NA	NA	NA	NA	NA	0.58	#DIV/0!	#####	#DIV/0!	
mmu-miR-138	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-302c*	NA	NA	NA	NA	NA	0.770	NA	NA	#DIV/0!	0.77	#####	#DIV/0!	
mmu-miR-340-5p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-471	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-540-3p	NA	0.256	NA	NA	NA	NA	NA	NA	0.26	#DIV/0!	#####	#DIV/0!	yes
mmu-miR-693-3p	NA	NA	NA	NA	NA	NA	NA	-0.285	#DIV/0!	-0.29	#####	#DIV/0!	
mmu-miR-698	NA	NA	NA	NA	-0.142	NA	NA	NA	#DIV/0!	-0.14	#####	#DIV/0!	
mmu-let-7a*/mmu-let-	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-let-7b*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-let-7c-1*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-let-7f*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-let-7g*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-let-7i*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-1	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-100	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-101a*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-105	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-10a*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-10b	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	

mmu-miR-10b*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-1188	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	yes
mmu-miR-1190	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-1191	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-1195	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-1197	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	yes
mmu-miR-1199	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-122	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-1224	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-124*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-125a-3p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-125b*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-126-5p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-128	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-1-2-as	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-1306	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-132	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-133a	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-135a*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-137	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-139-3p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-139-5p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-141*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-144	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-145*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-146a	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-146b	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-146b*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-147	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-148a*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-150*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-151-3p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-153	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-154	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	yes
mmu-miR-155	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-15a*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-15b*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-181a-1*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-181a-2*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	

mmu-miR-186*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-187	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-188-3p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-188-5p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-192	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-193*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-193b	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-194	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-196a	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-196b	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-19a*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-200a*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-200c*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-201	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-202-3p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-202-5p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-203	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-203*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-204	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-206	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-208b	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-211	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-212	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-214*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-216a	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-216b	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-217	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-218	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-218-1*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-218-2*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-219	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-220	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-224	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-26b*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-27a*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-27b*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-28*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-297b-5p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-299	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!

mmu-miR-29a*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-29c*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-302b*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-30a*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-30c-2*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-322*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-323-5p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	yes
mmu-miR-324-3p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-324-5p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-325*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-327	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-33*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-330	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-331-5p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-335-3p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-338-3p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-340-3p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-342-5p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-345-3p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-362-5p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-369-5p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	yes
mmu-miR-374*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-376a*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	yes
mmu-miR-376b*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	yes
mmu-miR-376c*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	yes
mmu-miR-378*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-380-5p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	yes
mmu-miR-382*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-384-3p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-384-5p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-409-5p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	yes
mmu-miR-425*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-431*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	yes
mmu-miR-448	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-449a	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-449b	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-449c	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-450a-3p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-450a-5p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	

mmu-miR-450b-3p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-450b-5p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-451	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-452	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-453	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	yes
mmu-miR-455*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-463	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-463*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-464	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-465a-3p/m	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-465a-5p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-466f	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-466j	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-466k	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-466l	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-467d	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-469	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-470*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-483	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-484	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-485	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	yes
mmu-miR-486	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-488	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-488*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-489	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-491	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-493	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	yes
mmu-miR-496	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-497	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-499	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-501-3p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-501-5p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-504	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-505	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-509-5p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-511	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-532-3p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-532-5p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-539	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	yes

mmu-miR-540-5p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	yes
mmu-miR-543	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	yes
mmu-miR-544	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	yes
mmu-miR-546	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-547	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-568	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-574-3p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-582-5p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-590-3p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-592	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-598	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-652	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-653	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-654-3p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	yes
mmu-miR-654-5p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	yes
mmu-miR-666-3p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	yes
mmu-miR-669g	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-669h-5p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-669j	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-669k	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-670	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-671-3p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-673-3p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	yes
mmu-miR-673-5p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-676	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-676*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-679	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	yes
mmu-miR-680	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-681	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-682	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-683	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-684	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-687	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-692	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-694	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-697	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-701	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-702	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	
mmu-miR-703	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!	

mmu-miR-704	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-707	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-708*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-718	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-719	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-741	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-742	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-742*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-743a	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-743b-3p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-743b-5p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-744*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-759	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-760	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-761	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-764-3p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-764-5p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-7a*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-7b	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-802	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-871	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-872	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-873	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-875-5p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-876-3p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-878-3p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-878-5p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-879	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-880	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-883a-3p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-883b-3p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-93*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-98	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mmu-miR-99a	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mcmv-miR-m01-1	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mcmv-miR-m01-2	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mcmv-miR-m01-2*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mcmv-miR-m01-3	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mcmv-miR-m01-3*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!

mcmv-miR-m01-4	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mcmv-miR-m01-4*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mcmv-miR-m107-1-3	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mcmv-miR-m107-1-5	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mcmv-miR-m108-1	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mcmv-miR-m108-1*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mcmv-miR-m108-2-3	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mcmv-miR-m108-2-5	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mcmv-miR-m108-2-5	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mcmv-miR-m21-1	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mcmv-miR-m22-1	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mcmv-miR-M23-1-3p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mcmv-miR-M23-2	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mcmv-miR-M23-2*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mcmv-miR-M44-1	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mcmv-miR-M55-1	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mcmv-miR-m59-1	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mcmv-miR-m59-2	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mcmv-miR-M87-1	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mcmv-miR-m88-1*	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mcmv-miR-M95-1-3p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mcmv-miR-M95-1-5p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mghv-miR-M1-1	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mghv-miR-M1-6	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mghv-miR-M1-7-5p	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
mghv-miR-M1-9	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
SNORD49A-5	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
SNORD66-5	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
hsa_SNORD10	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
hsa_SNORD118	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
hsa_SNORD15A	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
hsa_SNORD4A	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
hsa_negative_control	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
hsa_negative_control	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
hsa_negative_control	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
hsa_negative_control	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
hsa_negative_control	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
hsa_negative_control	NA	NA	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	#####	#DIV/0!
hsa_negative_control	NA	NA	NA	NA	1.158	NA	NA	NA	#DIV/0!	1.16	#####	#DIV/0!

Supplemental Table 4. 2n blastocyst injections

Line	origin	Gtl2	Blasts transferred	live pups	degree of coat color chimerism				
					~10%	~30%	~50%	~70%	>90%
ESC-1	Blast.	on	22	12	0	1	1	5	4
ESC-2	Blast.	on	22	8	0	1	4	1	2
iPSC-7	HSC	off	31	2	1	0	0	0	0
iPSC-8	HSC	off	26	12	3	2	2	0	0
iPSC-22	HSC	off	12	8	2	1	1	0	0
iPSC-11	GMP	off	20	9	3	1	0	0	0
iPSC-15	Gran.	off	10	5	1	0	0	0	0
iPSC-18	PF	off	22	5	1	1	2	0	0
iPSC-19	PF	on	11	4	0	0	0	0	1
iPSC-20	PF	off	44	3	3	4	1	0	0
iPSC-45	TTF	off	30	8	2	3	0	0	0
iPSC-46	TTF	off	50	10	2	2	0	0	0
iPSC-47	TTF	on	49	9	0	1	1	2	1
iPSC-49	TTF	on	20	6	0	0	1	2	2

Supplemental Table 5: miRNA profiling of 4n complementation-competent (orange) and non-competent (green) iPSC clones

miRNA	iPSC19	iPSC47	iPSC49	iPSC18	iPSC20	iPSC45	mean	mean	fold	p-value	12qF1
mmu-miR-376b	0.50	0.45	0.60	-2.32	-2.59	-1.20	0.51	-2.04	5.9	0.0216	yes
mmu-miR-541	0.58	0.64	0.68	-1.76	-2.20	-1.14	0.63	-1.70	5.0	0.0156	yes
mmu-miR-409-3p	0.56	0.60	0.69	-1.61	-1.87	-1.09	0.62	-1.52	4.4	0.0085	yes
mmu-miR-411*	0.57	0.45	0.69	-1.56	-1.89	-0.76	0.57	-1.40	3.9	0.0181	yes
mmu-miR-410	0.29	0.34	0.43	-1.51	-1.79	-1.37	0.35	-1.56	3.8	0.0034	yes
mmu-miR-376a	0.47	0.52	0.53	-1.20	-1.82	-0.92	0.51	-1.31	3.5	0.0211	yes
mmu-miR-495	0.32	0.04	0.30	-1.64	-1.97	-1.08	0.22	-1.56	3.4	0.0126	yes
mmu-miR-376c	0.40	0.29	0.44	-1.59	-1.68	-0.75	0.38	-1.34	3.3	0.0223	yes
mmu-miR-377	0.30	0.29	0.38	-1.31	-1.73	-0.97	0.32	-1.34	3.2	0.0135	yes
mmu-miR-369-3p	0.45	0.12	0.44	-1.11	-1.23	-1.11	0.34	-1.15	2.8	0.0022	yes
mmu-miR-127	0.30	0.40	0.46	-0.85	-1.42	-0.88	0.38	-1.05	2.7	0.0187	yes
mmu-miR-154*	0.29	0.20	0.29	-1.39	-1.41	-0.71	0.26	-1.17	2.7	0.0220	yes
mmu-miR-379	0.48	0.33	0.54	-0.92	-1.39	-0.42	0.45	-0.91	2.6	0.0252	yes
mmu-miR-434-3p	0.33	0.27	0.43	-0.97	-1.27	-0.70	0.34	-0.98	2.5	0.0083	yes
mmu-miR-134	0.20	0.20	0.14	-0.96	-1.29	-1.03	0.18	-1.09	2.4	0.0071	yes
mmu-miR-337-5p	0.07	0.29	0.17	-1.03	-1.27	-0.86	0.18	-1.05	2.3	0.0173	yes
mmu-miR-323-3p	0.07	0.06	-0.01	-1.29	-1.39	-0.83	0.04	-1.17	2.3	0.0247	yes
mmu-miR-136	0.16	0.25	0.29	-0.95	-1.26	-0.69	0.23	-0.96	2.3	0.0178	yes
mmu-miR-431	0.45	0.35	0.55	-0.64	-0.87	-0.53	0.45	-0.68	2.2	0.0016	yes
mmu-miR-411	0.41	0.27	0.44	-0.87	-1.32	-0.06	0.37	-0.75	2.2	0.0747	yes
mmu-miR-434-5p	0.37	0.38	0.53	-0.59	-1.15	-0.32	0.43	-0.69	2.2	0.0340	yes
mmu-miR-300	0.19	0.28	0.14	-0.98	-1.04	-0.68	0.20	-0.90	2.1	0.0171	yes
mmu-miR-127*	0.02	0.12	0.15	-0.87	-1.28	-0.83	0.10	-0.99	2.1	0.0205	yes
mmu-miR-433	0.30	0.30	0.36	-0.65	-0.92	-0.65	0.32	-0.74	2.1	0.0056	yes
mmu-miR-409-5p	0.04	-0.05	-0.03	-0.98	NA	-1.11	-0.01	-1.05	2.0	0.0162	yes
mmu-miR-758	0.41	0.28	0.36	NA	-0.73	-0.57	0.35	-0.65	2.0	0.0263	yes
mmu-miR-540-3p	-0.05	0.12	-0.09	-0.97	-0.97	-0.87	-0.01	-0.94	1.9	0.0087	yes
mmu-miR-380-3p	0.49	0.28	0.38	-0.68	-0.77	-0.15	0.38	-0.54	1.9	0.0425	yes
mmu-miR-431*	0.25	0.45	0.32	-0.51	-0.56	-0.48	0.34	-0.52	1.8	0.0083	yes
mmu-miR-382	0.21	0.34	0.29	-0.21	-0.49	-0.60	0.28	-0.43	1.6	0.0397	yes
mmu-miR-329	0.11	0.04	0.19	-0.39	-0.69	-0.57	0.11	-0.55	1.6	0.0154	yes
mmu-miR-341	0.14	0.18	0.22	-0.47	-0.57	-0.39	0.18	-0.48	1.6	0.0051	yes
mmu-miR-485*	0.10	0.14	0.13	-0.41	-0.42	-0.56	0.12	-0.46	1.5	0.0083	yes
mmu-miR-412	0.02	0.00	0.11	-0.64	-0.55	-0.43	0.04	-0.54	1.5	0.0046	yes
mmu-miR-136*	0.07	0.12	0.15	-0.55	-0.63	-0.12	0.11	-0.43	1.5	0.0631	yes
mmu-miR-381	-0.05	0.05	-0.12	-0.64	-0.56	-0.49	-0.04	-0.57	1.4	0.0216	yes

mmu-miR-665	0.33	0.33	0.34	-0.20	-0.15	-0.15	0.33	-0.17	**1.4**	0.0007	yes
mmu-miR-337-3p	0.08	-0.20	0.06	-0.63	-0.68	-0.24	-0.02	-0.52	**1.4**	0.0511	yes
mmu-miR-299*	0.49	0.36	0.45	-0.16	-0.25	0.27	0.43	-0.05	**1.4**	0.0841	yes
mmu-miR-1193	0.18	0.14	0.10	-0.47	-0.36	-0.14	0.14	-0.32	**1.4**	0.0601	yes
mmu-miR-298	0.13	0.00	0.02	-0.06	-1.03	0.12	0.05	-0.32	**1.3**	0.3841	
mmu-miR-706	-0.25	0.35	0.43	-0.02	-0.04	-0.39	0.17	-0.15	**1.3**	0.3989	
mmu-miR-666-5p	-0.63	-0.60	-0.51	-0.87	-0.82	-0.91	-0.58	-0.87	**1.2**	0.0355	yes
mmu-miR-296-3p	0.05	0.07	0.07	0.02	-0.72	0.08	0.06	-0.21	**1.2**	0.4031	
U6-snRNA-1	-0.07	0.41	0.09	0.24	0.33	-0.95	0.14	-0.13	**1.2**	0.5697	
mmu-miR-762	-0.19	-0.13	-0.28	-0.51	-0.41	-0.45	-0.20	-0.46	**1.2**	0.0281	
mmu-miR-184	0.02	-0.02	-0.14	-0.31	-0.23	-0.31	-0.05	-0.28	**1.2**	0.0422	
U6B-5	-0.02	0.19	0.19	-0.01	0.20	-0.48	0.12	-0.10	**1.2**	0.4380	
mmu-miR-770-3p	0.00	0.18	-0.02	0.03	-0.04	-0.47	0.05	-0.16	**1.2**	0.2582	yes
mmu-miR-667	-0.18	-0.23	-0.33	-0.51	-0.35	-0.51	-0.25	-0.46	**1.2**	0.0735	yes
mmu-miR-494	-0.05	0.04	-0.11	-0.22	-0.25	-0.26	-0.04	-0.25	**1.2**	0.0473	yes
mmu-miR-503	-0.05	-0.08	-0.20	-0.34	-0.33	-0.26	-0.11	-0.31	**1.1**	0.1059	
mmu-miR-711	0.26	0.30	0.05	-0.03	0.00	0.05	0.20	0.01	**1.1**	0.1747	
mmu-miR-296-5p	0.26	0.25	0.42	0.10	0.01	0.25	0.31	0.12	**1.1**	0.0166	
mmu-miR-509-3p	0.20	0.65	0.58	0.68	0.72	-0.51	0.47	0.29	**1.1**	0.7385	
mmu-miR-351	-0.07	-0.01	-0.16	-0.27	-0.14	-0.33	-0.08	-0.25	**1.1**	0.0114	
mmu-miR-714	0.05	0.08	-0.02	-0.13	-0.12	-0.13	0.04	-0.13	**1.1**	0.0273	
mmu-miR-300*	0.09	0.28	0.09	0.13	0.04	-0.18	0.15	0.00	**1.1**	0.2410	yes
mmu-miR-297a*/mmu	-0.06	0.17	0.08	0.01	-0.06	-0.22	0.07	-0.09	**1.1**	0.3090	
mmu-miR-688	-0.23	-0.21	-0.26	-0.46	-0.34	-0.32	-0.24	-0.37	**1.1**	0.1102	
mmu-miR-17*	-0.18	-0.09	-0.23	-0.50	-0.26	-0.14	-0.17	-0.30	**1.1**	0.3759	
mmu-miR-615-5p	0.07	0.28	0.20	0.15	0.28	-0.26	0.18	0.06	**1.1**	0.5211	
mmu-let-7a*/mmu-let	NA	NA	0.53	0.48	NA	0.32	0.53	0.40	**1.1**	#DIV/0!	
hsa_SNORD6	-0.34	-0.39	-0.26	-0.54	-0.46	-0.35	-0.33	-0.45	**1.1**	0.0922	
mmu-miR-689	-0.23	-0.10	0.11	-0.34	-0.34	0.09	-0.07	-0.20	**1.1**	0.2014	
mmu-miR-487b	-0.24	-0.47	-0.29	-0.55	-0.56	-0.27	-0.34	-0.46	**1.1**	0.3355	yes
SNORD48-5	0.06	0.44	0.31	0.41	0.33	-0.30	0.27	0.15	**1.1**	0.7066	
mmu-miR-290-3p	0.02	-0.04	-0.04	-0.26	-0.07	-0.08	-0.02	-0.14	**1.1**	0.2840	
mmu-miR-466c-5p	0.01	0.17	0.24	0.14	0.11	-0.17	0.14	0.03	**1.1**	0.5436	
mmu-miR-210	-0.10	-0.17	0.01	-0.14	-0.18	-0.28	-0.09	-0.20	**1.1**	0.3304	
U6-snRNA-2	-0.05	0.10	-0.03	0.07	0.11	-0.51	0.00	-0.11	**1.1**	0.6007	
mmu-miR-433*	-0.03	-0.01	0.03	-0.09	-0.14	-0.11	0.00	-0.11	**1.1**	0.0432	yes
mmu-miR-466f-3p	-0.02	0.29	0.14	0.18	0.10	-0.20	0.14	0.03	**1.1**	0.5532	
mmu-miR-551b	-0.20	-0.10	-0.18	-0.18	-0.12	-0.51	-0.16	-0.27	**1.1**	0.4075	
mmu-miR-21*	-0.07	0.00	-0.19	-0.07	-0.19	-0.34	-0.09	-0.20	**1.1**	0.1897	

hsa_SNORD3@	-0.15	0.29	0.03	0.14	0.27	-0.57	0.06	-0.05	1.1	0.7159
SNORD44-5	-0.09	0.24	0.14	0.32	0.31	-0.67	0.10	-0.01	1.1	0.7912
mghv-miR-M1-5	-0.15	-0.23	-0.24	-0.44	-0.30	-0.22	-0.21	-0.32	1.1	0.3528
mmu-miR-181c	-0.18	-0.48	-0.09	-0.54	-0.42	-0.11	-0.25	-0.36	1.1	0.4976
mmu-miR-690	0.11	0.06	0.09	0.06	0.10	-0.21	0.09	-0.02	1.1	0.4229
mghv-miR-M1-4	0.01	0.10	0.02	-0.07	-0.01	-0.11	0.04	-0.06	1.1	0.0146
mmu-miR-882	0.07	0.16	0.02	0.19	0.13	-0.38	0.08	-0.02	1.1	0.5740	yes
mmu-miR-466d-5p	0.09	0.20	0.17	0.30	0.21	-0.36	0.15	0.05	1.1	0.6860
mmu-miR-130b*	0.17	0.27	0.21	0.18	0.21	-0.05	0.22	0.11	1.1	0.3436
mmu-miR-466i	-0.09	0.27	0.09	0.15	0.06	-0.24	0.09	-0.01	1.1	0.6206
mmu-miR-710	0.01	0.10	-0.02	-0.08	0.07	-0.20	0.03	-0.07	1.1	0.1596
mcmv-miR-M23-1-5p	-0.13	-0.18	-0.30	-0.41	-0.36	-0.13	-0.20	-0.30	1.1	0.5598
mmu-miR-669e	0.04	0.25	0.30	0.26	0.24	-0.19	0.19	0.10	1.1	0.7073
mmu-miR-330*	-0.30	-0.34	-0.42	-0.50	-0.41	-0.41	-0.35	-0.44	1.1	0.2730
mmu-miR-696	0.27	NA	0.14	0.12	NA	NA	0.20	0.12	1.1	#DIV/0!
mmu-miR-196a*	-0.56	-0.12	-0.33	-0.18	-0.17	-0.90	-0.34	-0.42	1.1	0.7966
mmu-miR-467g	0.00	0.29	0.16	0.22	0.12	-0.14	0.15	0.07	1.1	0.6577
mmu-miR-705	0.10	0.15	-0.02	-0.07	0.00	0.07	0.08	0.00	1.1	0.4517
mmu-let-7b	0.10	0.10	0.13	0.12	0.07	-0.09	0.11	0.03	1.1	0.3906
mmu-miR-466b-5p	-0.04	0.23	0.10	0.20	0.15	-0.29	0.10	0.02	1.1	0.7166
hsa_SNORD13	0.11	0.14	0.08	-0.14	-0.07	0.33	0.11	0.04	1.1	0.6999
mmu-miR-292-3p	-0.02	0.15	0.17	-0.10	0.15	0.03	0.10	0.03	1.1	0.2363
mmu-miR-468	0.01	0.19	0.16	0.22	0.19	-0.26	0.12	0.05	1.1	0.7363
mmu-miR-763	-0.20	-0.12	-0.18	-0.03	-0.05	-0.62	-0.17	-0.23	1.0	0.7557
mmu-miR-874	-0.32	-0.32	-0.53	-0.62	-0.49	-0.26	-0.39	-0.46	1.0	0.7352
mmu-miR-467e*	-0.07	0.22	0.06	0.16	0.06	-0.21	0.07	0.00	1.0	0.6997
mmu-miR-466h	0.19	0.16	0.18	0.06	NA	0.16	0.17	0.11	1.0	0.4093
mmu-miR-301b	0.49	0.03	0.13	-0.20	-0.04	0.69	0.22	0.15	1.0	0.8720
mghv-miR-M1-8	0.05	0.15	0.01	0.08	0.14	-0.21	0.07	0.01	1.0	0.5062
mmu-miR-503*	0.07	0.05	0.07	-0.04	0.01	0.02	0.06	0.00	1.0	0.1117
mmu-miR-669d/mmu	0.06	0.29	0.20	0.29	0.30	-0.22	0.18	0.12	1.0	0.7728
mmu-miR-346	0.09	0.06	0.03	-0.06	-0.05	0.10	0.06	0.00	1.0	0.4575
mmu-miR-30b*	0.06	0.35	0.27	0.30	0.39	-0.19	0.22	0.16	1.0	0.8053
mmu-miR-883b-5p	-0.09	0.04	-0.14	-0.11	-0.03	-0.23	-0.06	-0.12	1.0	0.0852
mmu-miR-671-5p	-0.36	-0.29	-0.31	-0.48	-0.49	-0.16	-0.32	-0.38	1.0	0.6460
mmu-miR-1196	-0.05	0.04	0.00	-0.05	0.03	-0.16	0.00	-0.06	1.0	0.3840
mmu-miR-183*	-0.08	-0.11	-0.19	-0.23	-0.15	-0.15	-0.13	-0.18	1.0	0.4290
mmu-miR-542-5p	-0.14	-0.02	-0.14	-0.08	-0.02	-0.35	-0.10	-0.15	1.0	0.5974
mmu-miR-129-5p	0.17	0.24	0.19	0.21	0.16	0.07	0.20	0.15	1.0	0.3791

mmu-miR-99b*	0.00	0.02	0.11	0.05	0.06	-0.13	0.04	-0.01	1.0	0.6502
mmu-miR-200b*	0.15	-0.05	-0.18	-0.19	-0.04	0.00	-0.03	-0.08	1.0	0.7740
mmu-miR-712*	0.30	0.13	0.07	-0.13	0.05	0.44	0.17	0.12	1.0	0.8505
mmu-miR-130b	0.10	0.04	0.10	0.00	0.11	-0.01	0.08	0.03	1.0	0.4946
mmu-miR-490	-0.28	-0.19	-0.32	-0.30	-0.24	-0.39	-0.26	-0.31	1.0	0.0581
mmu-miR-455	-0.42	-0.42	-0.54	-0.74	-0.61	-0.18	-0.46	-0.51	1.0	0.8395
mmu-miR-1192	0.09	0.23	0.26	0.39	0.26	-0.22	0.19	0.14	1.0	0.8560
mmu-miR-1959	0.01	-0.03	0.02	-0.09	-0.10	0.04	0.00	-0.05	1.0	0.3200
mmu-miR-744	0.04	0.06	-0.08	-0.03	-0.09	0.02	0.01	-0.03	1.0	0.6246
mmu-miR-325	-0.21	0.01	-0.11	-0.06	-0.12	-0.27	-0.10	-0.15	1.0	0.7181
mmu-miR-721	-0.25	-0.15	-0.32	-0.23	-0.23	-0.38	-0.24	-0.28	1.0	0.3351
mmu-miR-685	0.14	0.15	-0.03	0.12	0.17	-0.16	0.08	0.04	1.0	0.4659
mmu-miR-695	-0.13	0.05	-0.22	-0.06	-0.15	-0.21	-0.10	-0.14	1.0	0.6747
mghv-miR-M1-3	-0.11	-0.01	-0.13	0.03	-0.07	-0.32	-0.08	-0.12	1.0	0.7288
mmu-miR-669h-3p	-0.02	0.16	0.02	0.10	0.11	-0.17	0.05	0.01	1.0	0.7079
mmu-miR-326	-0.23	-0.14	-0.19	-0.25	-0.17	-0.24	-0.18	-0.22	1.0	0.0525
mmu-miR-133b	0.40	0.49	0.43	0.35	0.34	0.51	0.44	0.40	1.0	0.6349
mghv-miR-M1-2	0.77	0.89	0.77	0.74	0.74	0.84	0.81	0.77	1.0	0.6047
mmu-miR-678	-0.15	0.12	-0.01	0.06	0.03	-0.24	-0.02	-0.05	1.0	0.8067
mghv-miR-M1-7-3p	0.10	0.07	0.10	0.02	-0.04	0.18	0.09	0.05	1.0	0.6261
mmu-miR-1187	0.14	0.24	0.14	0.25	0.25	-0.07	0.17	0.14	1.0	0.7522
mmu-miR-295*	-0.10	-0.22	0.09	-0.35	-0.14	0.16	-0.08	-0.11	1.0	0.7947
mmu-miR-30c-1*	0.00	0.05	-0.03	-0.04	0.01	-0.04	0.01	-0.02	1.0	0.0717
mmu-miR-124	0.20	0.01	0.24	0.00	0.31	0.06	0.15	0.12	1.0	0.8662
mmu-miR-150	-0.11	-0.10	-0.25	-0.28	-0.14	-0.13	-0.15	-0.18	1.0	0.7497
mmu-miR-295	0.14	-0.02	0.28	0.00	0.13	0.19	0.13	0.11	1.0	0.7918
mmu-miR-881*	-0.01	0.12	-0.04	0.22	0.18	-0.41	0.02	0.00	1.0	0.8987
mmu-miR-10a*	-0.10	0.01	-0.13	-0.15	-0.11	-0.03	-0.07	-0.10	1.0	0.7367
mmu-miR-34b-3p	-0.05	0.00	-0.01	-0.02	-0.07	-0.05	-0.02	-0.05	1.0	0.4505
mmu-miR-294*	0.10	-0.13	0.05	-0.13	0.00	0.07	0.00	-0.02	1.0	0.8439
mmu-miR-291a-5p	0.20	-0.14	0.06	0.01	0.17	-0.13	0.04	0.02	1.0	0.8991
hsa_SNORD12	-0.05	0.02	-0.02	-0.12	-0.04	0.04	-0.01	-0.04	1.0	0.6304
mmu-miR-20b*	-0.35	-0.13	-0.06	-0.31	-0.40	0.09	-0.18	-0.21	1.0	0.8721
mmu-miR-691	-0.01	0.08	0.22	-0.09	-0.15	0.46	0.09	0.07	1.0	0.8855
mmu-miR-291a-3p	-0.06	-0.37	0.01	-0.35	-0.13	0.00	-0.14	-0.16	1.0	0.8997
mmu-miR-1198	0.26	0.28	0.27	0.24	0.30	0.21	0.27	0.25	1.0	0.4287
mmu-miR-883a-5p	-0.04	0.05	0.10	0.21	0.14	-0.31	0.04	0.01	1.0	0.9243
mmu-miR-467h	-0.04	0.17	0.07	0.08	0.07	0.00	0.07	0.05	1.0	0.8155
mmu-miR-669i	-0.21	0.12	-0.07	0.01	-0.02	-0.21	-0.05	-0.07	1.0	0.8951

mmu-miR-197	-0.27	0.02	-0.02	-0.25	-0.18	0.11	-0.09	-0.11	1.0	0.8841
mmu-miR-542-3p	-0.03	-0.07	0.02	-0.04	-0.03	-0.06	-0.03	-0.04	1.0	0.6956
mmu-miR-16*	-0.12	0.05	0.00	0.12	0.09	-0.32	-0.02	-0.04	1.0	0.9385
mmu-miR-574-5p	0.01	0.23	0.10	0.29	0.23	-0.21	0.11	0.10	1.0	0.9464
mmu-miR-138*	-0.07	0.03	-0.10	-0.11	-0.06	-0.02	-0.05	-0.06	1.0	0.8294
mmu-miR-181d	0.16	-0.09	0.07	-0.10	0.00	0.20	0.04	0.04	1.0	0.9503
mmu-miR-467f	-0.11	0.11	-0.03	0.14	0.03	-0.23	-0.01	-0.02	1.0	0.9534
mmu-miR-470	-0.19	-0.11	-0.09	-0.18	-0.18	-0.05	-0.13	-0.14	1.0	0.8420
mmu-miR-324-3p	0.26	0.13	0.14	0.09	NA	0.25	0.18	0.17	1.0	0.8669
mmu-miR-715	0.52	0.51	0.56	0.43	0.56	0.58	0.53	0.52	1.0	0.9235
mmu-miR-709	0.11	0.07	0.26	-0.01	-0.12	0.56	0.15	0.14	1.0	0.9798
mmu-miR-293	0.08	-0.11	0.28	-0.22	-0.08	0.53	0.08	0.08	1.0	0.9845
mmu-miR-465a-5p	NA	NA	0.11	NA	NA	0.11	0.11	0.11	1.0	#DIV/0!
mmu-miR-466a-5p	0.04	0.23	0.16	0.31	0.27	-0.15	0.14	0.14	1.0	0.9876
mmu-miR-344	-0.01	-0.12	0.11	-0.18	-0.01	0.16	-0.01	-0.01	1.0	0.9778
mmu-miR-181b	0.33	NA	NA	0.42	0.28	0.27	0.33	0.32	1.0	#DIV/0!
mmu-miR-877	-0.07	-0.02	-0.08	-0.02	0.05	-0.21	-0.06	-0.06	1.0	0.9893
mmu-miR-466e-5p	0.02	0.16	0.15	0.24	0.22	-0.13	0.11	0.11	1.0	0.9957
mmu-miR-291b-5p	0.30	-0.17	0.01	0.11	0.23	-0.19	0.05	0.05	1.0	0.9921
mmu-miR-872*	-0.24	-0.32	-0.27	-0.40	-0.24	-0.18	-0.28	-0.28	1.0	0.9791
mmu-miR-712	-0.10	0.00	0.03	0.07	0.07	-0.21	-0.02	-0.02	1.0	0.9824
hsa_SNORD14B	0.07	0.25	0.17	0.05	0.06	0.39	0.16	0.17	1.0	0.9746
mmu-miR-881	-0.14	0.00	-0.24	-0.01	-0.12	-0.24	-0.13	-0.12	1.0	0.9505
mmu-miR-215	-0.20	-0.24	-0.22	-0.08	-0.07	-0.49	-0.22	-0.22	1.0	0.9687
mmu-miR-465c-5p	-0.09	-0.08	-0.13	-0.20	-0.10	0.03	-0.10	-0.09	1.0	0.9345
mmu-miR-582-3p	-0.27	-0.33	-0.18	-0.22	-0.26	-0.27	-0.26	-0.25	1.0	0.8775
mmu-miR-294	0.00	0.03	0.17	-0.08	0.09	0.21	0.07	0.07	1.0	0.8496
mmu-miR-345-5p	-0.17	-0.25	-0.40	-0.36	-0.30	-0.13	-0.27	-0.26	1.0	0.9469
mmu-miR-761	-0.41	NA	NA	NA	-0.27	-0.52	-0.41	-0.40	1.0	#DIV/0!
mmu-miR-675-5p	-0.06	-0.11	-0.14	-0.09	0.04	-0.23	-0.10	-0.09	1.0	0.8872
mmu-miR-292-5p	-0.23	-0.35	-0.07	-0.35	-0.16	-0.10	-0.22	-0.20	1.0	0.9037
mmu-miR-1186	0.21	0.17	0.27	0.18	0.13	0.38	0.22	0.23	1.0	0.8157
mmu-miR-20a*	-0.12	-0.06	0.04	-0.08	-0.07	0.05	-0.05	-0.03	1.0	0.4132
mmu-let-7e	0.17	0.17	0.08	0.00	0.00	0.46	0.14	0.15	1.0	0.9439
mmu-miR-322	0.07	-0.25	-0.16	-0.04	-0.09	-0.16	-0.11	-0.10	1.0	0.8695
mmu-miR-484	0.12	0.07	0.28	0.20	0.12	0.20	0.16	0.17	1.0	0.7844
mmu-miR-693-5p	-0.19	-0.06	-0.11	-0.02	-0.02	-0.26	-0.12	-0.10	1.0	0.8625
mmu-miR-465b-5p	-0.10	-0.11	0.00	-0.06	0.10	-0.20	-0.07	-0.05	1.0	0.8837
mmu-miR-466f-5p	0.05	0.29	0.13	0.29	0.27	-0.02	0.16	0.18	1.0	0.8675

5SrRNA-5	0.07	0.14	0.16	0.14	0.17	0.12	0.12	0.14	1.0	0.5435
mmu-miR-875-3p	-0.04	-0.04	0.07	0.01	-0.01	0.06	0.00	0.02	1.0	0.3477
mmu-miR-9*	-0.21	-0.27	-0.32	-0.42	-0.35	0.03	-0.27	-0.24	1.0	0.8988
mmu-miR-205	0.17	0.31	0.29	0.22	0.41	0.23	0.26	0.28	1.0	0.6506
mmu-miR-129-3p	-0.22	-0.10	-0.06	-0.08	-0.22	0.00	-0.13	-0.10	1.0	0.7615
mmu-miR-328	0.48	0.50	0.58	0.48	0.58	0.57	0.52	0.55	1.0	0.4349
mmu-miR-450b-3p	-0.20	-0.20	-0.19	-0.17	-0.17	NA	-0.20	-0.17	1.0	0.0123
mmu-miR-125b-3p	-0.10	0.06	0.01	0.15	0.10	-0.18	-0.01	0.02	1.0	0.8403
mmu-miR-29b*	0.57	0.54	0.39	0.58	0.60	0.42	0.50	0.53	1.0	0.2197
mmu-miR-669c/mmu-	0.03	0.24	0.20	0.29	0.25	0.02	0.16	0.19	1.0	0.8288
mmu-miR-615-3p	0.05	0.00	0.03	0.04	0.08	0.06	0.03	0.06	1.0	0.2930
mmu-miR-293*	0.03	-0.26	0.14	-0.44	-0.23	0.67	-0.03	0.00	1.0	0.9164
mmu-miR-301a	0.57	0.02	0.20	-0.13	0.05	0.98	0.26	0.30	1.0	0.9428
mmu-miR-183	0.29	-0.16	0.14	-0.06	0.24	0.20	0.09	0.13	1.0	0.8773
mmu-miR-675-3p	-0.07	-0.19	-0.14	-0.18	-0.06	-0.05	-0.13	-0.10	1.0	0.6651
mmu-miR-106b*	-0.01	-0.14	0.19	0.06	0.13	-0.04	0.01	0.05	1.0	0.8194
mmu-miR-297c	-0.08	0.13	0.00	0.06	0.06	0.05	0.02	0.06	1.0	0.5477
mmu-miR-713	-0.36	-0.24	-0.38	-0.23	-0.23	-0.40	-0.33	-0.29	1.0	0.4365
mmu-let-7c	0.19	0.21	0.16	0.31	0.24	0.13	0.19	0.23	1.0	0.4587
mmu-miR-467b*	-0.32	0.09	-0.06	-0.11	-0.12	0.06	-0.10	-0.06	1.0	0.7717
mmu-miR-708	0.22	-0.40	0.13	-0.31	-0.12	0.51	-0.02	0.03	1.0	0.8926
mmu-miR-668	-0.13	0.10	-0.17	-0.03	-0.10	0.06	-0.07	-0.02	1.0	0.7525	yes
mmu-miR-101a	0.17	-0.31	-0.17	-0.22	-0.14	0.20	-0.10	-0.05	1.0	0.8502
mmu-miR-423-5p	-0.11	-0.04	-0.13	0.05	0.01	-0.19	-0.09	-0.04	1.0	0.5271
mmu-miR-361	0.06	0.02	-0.05	0.03	0.07	0.09	0.01	0.06	1.0	0.4039
mmu-miR-669f	-0.08	0.23	0.08	0.08	0.03	0.28	0.08	0.13	1.0	0.7195
mmu-miR-182	0.41	-0.27	0.11	-0.05	0.21	0.26	0.08	0.14	1.0	0.8629
mmu-miR-290-5p	-0.05	-0.36	-0.15	-0.38	-0.17	0.16	-0.19	-0.13	1.0	0.8085
mmu-miR-363	0.05	0.05	0.05	-0.32	-0.23	0.87	0.05	0.11	1.0	0.8997
mmu-miR-33	0.28	0.14	0.36	0.27	0.15	0.54	0.26	0.32	1.0	0.4473
mmu-miR-686	-0.08	0.02	-0.02	0.14	0.17	-0.21	-0.03	0.03	1.0	0.6882
mmu-miR-673-3p	-0.13	0.01	-0.26	-0.10	-0.03	NA	-0.13	-0.06	1.0	0.9260	yes
mmu-miR-483*	0.31	0.30	0.20	0.21	0.41	0.38	0.27	0.34	1.0	0.5282
mmu-miR-208a	-0.58	-0.39	-0.49	-0.50	-0.35	-0.42	-0.49	-0.42	1.0	0.0445
mmu-miR-92a*	-0.07	0.06	0.14	0.22	0.08	0.04	0.04	0.11	1.0	0.6293
mmu-miR-423-3p	-0.20	-0.19	-0.24	-0.11	-0.07	-0.25	-0.21	-0.14	1.0	0.2433
mmu-miR-697	-0.25	-0.36	-0.21	-0.10	-0.21	-0.30	-0.27	-0.20	1.0	0.4926
mmu-miR-471	-0.43	-0.27	-0.40	-0.09	-0.25	-0.54	-0.36	-0.30	1.0	0.6750
mmu-miR-338-5p	0.03	0.00	-0.05	-0.04	0.04	0.20	-0.01	0.07	1.0	0.5235

mmu-miR-375	-0.23	-0.27	-0.27	-0.19	-0.23	-0.13	-0.26	-0.18	**0.9**	0.1711
mmu-miR-672	0.33	0.18	0.37	0.43	0.57	0.11	0.29	0.37	**0.9**	0.7162
mmu-miR-195	-0.03	-0.26	-0.09	-0.30	-0.20	0.37	-0.12	-0.04	**0.9**	0.7411
mmu-miR-339-5p	-0.17	-0.20	-0.16	-0.19	-0.10	0.01	-0.18	-0.10	**0.9**	0.2839
SNORD38B-5	0.09	0.01	0.10	0.04	0.05	0.35	0.07	0.15	**0.9**	0.4601
mmu-miR-30e*	0.16	0.06	0.14	0.07	0.17	0.38	0.12	0.20	**0.9**	0.4727
mmu-miR-466g	-0.59	-0.14	-0.36	-0.29	-0.37	-0.17	-0.36	-0.28	**0.9**	0.6551
mmu-miR-1274a	-0.16	-0.29	-0.09	-0.10	-0.04	-0.15	-0.18	-0.10	**0.9**	0.4543
mcmv-miR-m88-1	-0.32	-0.39	-0.29	-0.27	-0.27	-0.20	-0.33	-0.25	**0.9**	0.0635
mmu-miR-674	0.16	0.07	0.04	0.10	0.21	0.21	0.09	0.17	**0.9**	0.3558
mmu-miR-674*	0.09	-0.22	-0.10	-0.06	0.06	0.04	-0.07	0.01	**0.9**	0.5677
mmu-let-7d*	0.17	0.31	0.26	0.35	0.33	NA	0.25	0.34	**0.9**	0.4572
mmu-miR-702	0.22	0.23	0.17	NA	0.30	0.28	0.20	0.29	**0.9**	0.1226
mmu-let-7b*	0.06	NA	NA	NA	0.18	0.13	0.06	0.15	**0.9**	#DIV/0!
mmu-miR-130a	0.23	-0.06	0.05	-0.03	0.07	0.45	0.08	0.17	**0.9**	0.6840
mmu-miR-677	0.14	-0.01	0.05	-0.01	0.10	0.36	0.06	0.15	**0.9**	0.5549
mmu-miR-804	-0.02	-0.03	-0.02	-0.04	0.04	0.21	-0.02	0.07	**0.9**	0.3454
mmu-miR-185	-0.11	-0.10	-0.13	0.14	-0.05	-0.13	-0.11	-0.02	**0.9**	0.3462
mmu-miR-342-3p	-0.19	-0.36	-0.25	-0.30	-0.35	0.16	-0.26	-0.17	**0.9**	0.5955
hsa_SNORD2	-0.04	0.01	-0.03	0.04	-0.04	0.24	-0.02	0.08	**0.9**	0.4001
mmu-miR-879*	0.25	0.18	0.05	0.20	0.22	0.37	0.16	0.26	**0.9**	0.4541
mmu-miR-207	-0.05	-0.23	-0.01	-0.01	0.00	0.03	-0.10	0.01	**0.9**	0.2358
mmu-miR-191*	0.05	-0.16	0.01	0.02	0.10	0.10	-0.03	0.07	**0.9**	0.3318
mmu-miR-223	0.18	0.03	0.12	0.25	0.24	0.15	0.11	0.22	**0.9**	0.1845
mmu-miR-28*	0.04	-0.09	-0.07	0.13	0.06	0.01	-0.04	0.07	**0.9**	0.0448
mmu-miR-190b	0.60	0.56	0.33	0.66	0.56	0.59	0.50	0.61	**0.9**	0.2958
mmu-miR-15b	0.34	0.17	0.13	0.02	0.21	0.74	0.21	0.32	**0.9**	0.7287
mmu-miR-18a	0.03	-0.07	-0.09	-0.16	-0.01	0.38	-0.04	0.07	**0.9**	0.6282
mmu-miR-19b	0.02	0.00	0.10	0.11	0.09	0.25	0.04	0.15	**0.9**	0.0276
mmu-miR-654-3p	0.09	0.14	NA	0.28	0.23	0.17	0.11	0.23	**0.9**	0.2041	yes
mmu-miR-125a-3p	0.01	0.01	-0.09	0.08	0.15	0.04	-0.02	0.09	**0.9**	0.0329
mmu-miR-101b	-0.07	-0.34	-0.09	-0.35	-0.24	0.43	-0.17	-0.05	**0.9**	0.6713
mmu-miR-362-3p	-0.11	-0.28	-0.13	-0.10	-0.13	0.07	-0.17	-0.05	**0.9**	0.1713
mmu-miR-500	-0.24	-0.28	NA	-0.13	-0.15	-0.16	-0.26	-0.15	**0.9**	0.0496
mmu-miR-467a*/mmu	-0.28	0.07	-0.12	-0.05	-0.16	0.23	-0.11	0.01	**0.9**	0.5733
mmu-miR-669a	-0.15	0.23	0.01	0.16	0.05	0.24	0.03	0.15	**0.9**	0.5152
mmu-miR-467e	-0.24	-0.01	-0.06	-0.03	-0.11	0.18	-0.10	0.02	**0.9**	0.3744
mmu-miR-805	0.17	0.09	0.22	-0.18	0.04	0.98	0.16	0.28	**0.9**	0.7476
mmu-miR-320	-0.13	-0.06	0.04	0.10	0.04	0.08	-0.05	0.07	**0.9**	0.1518

mmu-miR-383	-0.13	-0.26	-0.11	-0.03	-0.03	-0.07	-0.16	-0.04	**0.9**	0.1584
mmu-miR-720	-0.04	-0.19	-0.09	0.02	0.00	0.04	-0.11	0.02	**0.9**	0.0728
mmu-miR-191	0.09	-0.12	0.14	0.13	0.25	0.11	0.04	0.16	**0.9**	0.4155
mmu-miR-107	0.17	-0.22	0.01	-0.11	-0.07	0.52	-0.01	0.11	**0.9**	0.6389
mmu-miR-30c	0.11	-0.23	0.02	-0.05	0.06	0.26	-0.04	0.09	**0.9**	0.4598
mmu-miR-103	0.16	-0.21	-0.04	-0.03	0.10	0.24	-0.03	0.10	**0.9**	0.5083
mmu-miR-135a	0.41	NA	NA	0.37	NA	0.71	0.41	0.54	**0.9**	#DIV/0!
mmu-miR-877*	0.93	0.90	0.89	1.07	1.09	0.95	0.90	1.04	**0.9**	0.0769
mmu-miR-186	0.03	-0.02	-0.08	0.09	0.13	0.11	-0.02	0.11	**0.9**	0.0791
mmu-miR-25	-0.02	-0.19	-0.01	0.10	0.20	-0.09	-0.07	0.07	**0.9**	0.4063
mmu-miR-297a	-0.23	0.11	-0.01	0.00	-0.12	0.43	-0.04	0.10	**0.9**	0.5462
mmu-miR-7a	0.11	-0.24	0.20	0.01	0.07	0.43	0.02	0.17	**0.9**	0.3780
mmu-miR-331-3p	-0.30	NA	NA	NA	-0.29	-0.03	-0.30	-0.16	**0.9**	#DIV/0!
mmu-miR-34c*	-0.40	-0.27	-0.31	-0.07	-0.09	-0.38	-0.33	-0.18	**0.9**	0.3316
mmu-miR-148a	-0.23	-0.71	-0.09	-0.24	-0.41	0.06	-0.34	-0.20	**0.9**	0.2448
mmu-miR-302b*	-0.23	0.04	-0.22	0.03	-0.04	0.05	-0.14	0.01	**0.9**	0.3120
mmu-miR-297b-5p	-0.13	0.11	-0.02	0.17	0.01	0.23	-0.01	0.14	**0.9**	0.3474
mmu-miR-378	-0.02	-0.07	-0.11	0.12	0.14	0.00	-0.07	0.08	**0.9**	0.0383
mmu-miR-18a*	0.01	-0.04	0.00	0.11	0.13	0.21	-0.01	0.15	**0.9**	0.0410
mmu-miR-16	0.37	-0.31	0.05	-0.21	0.00	0.79	0.03	0.19	**0.9**	0.7198
mmu-miR-466d-3p	-0.17	0.16	0.01	0.03	-0.01	0.46	0.00	0.16	**0.9**	0.4561
mmu-miR-425	0.03	-0.11	-0.08	0.17	0.16	-0.01	-0.06	0.11	**0.9**	0.1087
mmu-miR-24-1*	-0.18	-0.09	-0.09	-0.04	-0.09	0.26	-0.12	0.04	**0.9**	0.2413
mmu-miR-92b	-0.10	-0.21	-0.01	0.07	0.06	0.05	-0.11	0.06	**0.9**	0.1082
mmu-miR-669b	-0.26	0.03	-0.23	-0.05	0.00	0.08	-0.16	0.01	**0.9**	0.2431
mmu-miR-30d	0.15	0.07	0.22	0.38	0.18	0.40	0.15	0.32	**0.9**	0.0363
mmu-miR-135b	0.46	0.01	0.25	0.32	0.18	0.75	0.24	0.42	**0.9**	0.4386
mmu-miR-302c*	-0.52	0.05	-0.53	-0.13	-0.28	-0.07	-0.33	-0.16	**0.9**	0.5565
mmu-miR-15a	0.23	-0.31	-0.01	-0.13	-0.03	0.60	-0.03	0.15	**0.9**	0.5949
mmu-miR-19a	0.03	-0.21	-0.05	-0.10	-0.04	0.46	-0.08	0.10	**0.9**	0.4296
mmu-miR-30e	0.19	-0.15	0.06	0.04	0.03	0.58	0.03	0.21	**0.9**	0.4529
mmu-miR-149	-0.11	-0.21	-0.15	0.07	0.02	0.00	-0.15	0.03	**0.9**	0.0140
mmu-miR-140	0.17	-0.27	0.16	0.09	0.05	0.48	0.02	0.21	**0.9**	0.2997
mmu-miR-717	0.04	-0.18	-0.33	0.51	0.39	-0.80	-0.15	0.03	**0.9**	0.6298
mmu-miR-29a*	0.14	-0.18	0.15	0.26	NA	0.19	0.04	0.23	**0.9**	0.2598
mmu-miR-96	0.25	-0.61	-0.05	-0.38	0.02	0.51	-0.14	0.05	**0.9**	0.6925
mmu-miR-421	-0.21	-0.18	-0.18	-0.29	-0.13	0.42	-0.19	0.00	**0.9**	0.4536
mmu-miR-466a-3p/m	-0.22	0.24	-0.02	0.04	-0.09	0.62	0.00	0.19	**0.9**	0.5686
mmu-miR-350	0.00	-0.33	-0.16	-0.05	-0.09	0.21	-0.17	0.03	**0.9**	0.2690

mcmv-miR-m108-1	NA	NA	0.77	0.96	NA	NA	0.77	0.96	**0.9**	#DIV/0!
mmu-miR-148b	-0.10	-0.19	-0.12	0.05	0.05	0.07	-0.14	0.06	**0.9**	0.0169
mmu-miR-9	0.45	0.28	0.48	0.39	0.37	1.04	0.40	0.60	**0.9**	0.4033
mmu-miR-30a	0.00	-0.21	-0.03	0.12	0.02	0.21	-0.08	0.12	**0.9**	0.0384
mmu-miR-30b	0.13	-0.46	-0.02	-0.13	-0.10	0.49	-0.12	0.09	**0.9**	0.4764
mmu-miR-34a	-0.08	-0.29	-0.03	0.03	0.04	0.16	-0.13	0.08	**0.9**	0.0807
mmu-miR-126-3p	0.04	NA	-0.06	NA	-0.20	0.60	-0.01	0.20	**0.9**	#DIV/0!
mmu-miR-92a	-0.12	-0.29	-0.13	0.02	0.04	0.06	-0.18	0.04	**0.9**	0.0625
mmu-miR-32	0.10	-0.74	-0.29	-0.57	-0.51	0.83	-0.31	-0.09	**0.9**	0.7066
mmu-miR-190	0.44	NA	0.35	0.34	NA	0.91	0.39	0.62	**0.9**	0.6123
mmu-miR-26a	0.22	-0.30	0.00	0.25	0.08	0.27	-0.03	0.20	**0.9**	0.1602
mmu-miR-106b	0.12	-0.15	0.00	0.10	0.18	0.38	-0.01	0.22	**0.9**	0.2086
mmu-miR-155	NA	NA	0.38	NA	NA	0.62	0.38	0.62	**0.9**	#DIV/0!
mmu-miR-22*	-0.23	-0.12	-0.14	0.16	0.02	0.04	-0.16	0.07	**0.8**	0.0922
mmu-miR-93	0.01	-0.36	0.00	0.01	0.14	0.21	-0.12	0.12	**0.8**	0.2337
mmu-miR-140*	-0.03	-0.37	-0.19	0.06	-0.01	0.11	-0.20	0.06	**0.8**	0.0870
mmu-miR-18b	-0.16	-0.35	-0.21	-0.29	-0.32	0.69	-0.24	0.03	**0.8**	0.5007
mmu-miR-27b	0.10	-0.17	-0.03	0.19	0.08	0.43	-0.03	0.24	**0.8**	0.1247
mmu-miR-467c	-0.47	-0.17	-0.30	-0.19	-0.28	0.34	-0.31	-0.04	**0.8**	0.3408
mmu-miR-291b-3p	0.52	-0.80	-0.36	-0.12	0.03	0.26	-0.22	0.06	**0.8**	0.6128
mmu-miR-374	-0.58	-0.20	-0.50	-0.47	-0.39	0.42	-0.43	-0.15	**0.8**	0.4921
mmu-miR-26b	0.32	-0.29	0.08	0.13	0.05	0.78	0.03	0.32	**0.8**	0.3887
mmu-miR-200c	-0.04	-0.15	-0.14	0.21	0.33	-0.01	-0.11	0.18	**0.8**	0.1135
mmu-miR-466b-3-3p	-0.25	0.17	-0.19	0.00	-0.06	0.67	-0.09	0.20	**0.8**	0.4561
mmu-miR-429	-0.20	-0.27	-0.16	-0.03	0.16	0.13	-0.21	0.09	**0.8**	0.0606
mmu-miR-151-5p	-0.15	-0.27	NA	-0.13	-0.11	0.51	-0.21	0.09	**0.8**	0.4016
mmu-miR-367	-0.52	0.14	-0.54	-0.08	-0.43	0.50	-0.31	-0.01	**0.8**	0.5830
mmu-miR-467b	-0.28	0.12	-0.13	0.04	-0.04	0.65	-0.09	0.21	**0.8**	0.3762
mmu-miR-141	0.04	-0.22	-0.09	0.16	0.29	0.20	-0.09	0.22	**0.8**	0.1118
mmu-miR-200b	-0.02	-0.21	-0.03	0.15	0.23	0.28	-0.09	0.22	**0.8**	0.0556
mmu-miR-467a	-0.44	-0.17	-0.34	-0.12	-0.27	0.38	-0.32	-0.01	**0.8**	0.3176
mmu-miR-302d	-0.56	0.11	-0.40	0.12	-0.20	0.19	-0.28	0.04	**0.8**	0.4217
mmu-miR-125a-5p	-0.05	-0.12	-0.12	0.26	0.17	0.24	-0.10	0.22	**0.8**	0.0038
mmu-miR-302c	-0.38	0.13	-0.38	0.14	-0.14	0.37	-0.21	0.12	**0.8**	0.3905
mmu-miR-99b	-0.19	-0.32	-0.39	0.13	-0.07	0.05	-0.30	0.04	**0.8**	0.0285
mmu-miR-200a	-0.14	-0.33	-0.14	-0.10	0.02	0.51	-0.20	0.14	**0.8**	0.1925
mmu-miR-100	-0.25	-0.85	NA	0.04	-0.43	-0.18	-0.55	-0.19	**0.8**	0.1085
mmu-miR-214	-0.13	-0.39	-0.07	0.52	-0.02	0.02	-0.19	0.17	**0.8**	0.1532
mmu-miR-302a	-0.68	0.08	-0.49	0.18	-0.23	0.05	-0.36	0.00	**0.8**	0.4025

mmu-miR-106a	-0.03	-0.22	-0.11	0.00	0.05	0.70	-0.12	0.25	**0.8**	0.2486
mmu-miR-23a	-0.02	-0.20	0.04	0.43	0.17	0.37	-0.06	0.32	**0.8**	0.0072
mmu-miR-31*	-0.14	-0.37	-0.19	0.05	-0.10	0.51	-0.23	0.15	**0.8**	0.1300
mmu-miR-10b	-0.17	NA	-0.05	0.24	0.10	0.52	-0.11	0.29	**0.8**	0.0950
mmu-miR-28	-0.02	-0.19	-0.20	0.16	0.09	0.62	-0.13	0.29	**0.7**	0.1684
mmu-miR-302b	-0.31	0.21	-0.37	-0.08	-0.30	1.18	-0.16	0.27	**0.7**	0.5554
mmu-let-7a	0.24	-0.06	0.01	0.49	0.07	0.89	0.06	0.49	**0.7**	0.2086
mmu-miR-152	-0.01	-0.45	-0.22	0.46	-0.06	0.20	-0.23	0.20	**0.7**	0.0025
mmu-miR-24-2*	-0.32	-0.42	-0.36	0.08	-0.18	0.32	-0.37	0.07	**0.7**	0.0750
mmu-miR-181a	-0.10	-0.41	-0.18	0.59	0.09	-0.05	-0.23	0.21	**0.7**	0.1125
mmu-miR-302a*	-0.52	-0.18	-0.48	-0.01	-0.21	0.37	-0.40	0.05	**0.7**	0.2230
mmu-miR-20a	0.04	-0.62	-0.21	-0.37	-0.32	1.27	-0.26	0.19	**0.7**	0.4981
mmu-miR-365	0.01	-0.33	-0.08	0.33	0.07	0.57	-0.13	0.32	**0.7**	0.0457
mmu-miR-23b	0.12	-0.26	0.07	0.37	0.13	0.79	-0.02	0.43	**0.7**	0.0824
mmu-miR-20b	-0.16	-0.52	-0.20	-0.31	-0.33	1.18	-0.29	0.18	**0.7**	0.4142
mmu-miR-17	0.01	-0.47	-0.19	-0.13	-0.05	0.96	-0.22	0.26	**0.7**	0.3267
mmu-let-7f	0.50	-0.10	0.23	0.67	0.10	1.29	0.21	0.69	**0.7**	0.2445
mmu-let-7d	0.19	-0.23	-0.05	0.50	0.03	0.86	-0.03	0.46	**0.7**	0.1420
mmu-miR-24	0.07	-0.36	0.01	0.48	0.11	0.65	-0.09	0.41	**0.7**	0.0167
mmu-miR-29c	-0.35	-0.60	-0.45	0.10	-0.23	0.26	-0.46	0.04	**0.7**	0.0381
mmu-miR-10a	-0.22	-0.58	-0.09	0.23	-0.08	0.52	-0.30	0.23	**0.7**	0.0088
mmu-miR-221	0.03	-0.26	-0.05	0.66	0.17	0.45	-0.10	0.43	**0.7**	0.0127
mmu-miR-193	0.02	-0.47	-0.28	0.36	0.03	0.47	-0.24	0.29	**0.7**	0.0466
mmu-miR-31	-0.25	-0.41	-0.17	0.42	0.09	0.28	-0.28	0.26	**0.7**	0.0160
mmu-let-7g	0.12	-0.29	-0.11	0.60	0.01	0.77	-0.09	0.46	**0.7**	0.0838
mmu-miR-222	-0.05	-0.29	-0.13	0.64	0.10	0.48	-0.16	0.41	**0.7**	0.0242
mmu-miR-22	-0.10	-0.16	0.02	0.81	0.38	0.29	-0.08	0.49	**0.7**	0.0899
mmu-miR-29a	-0.05	-0.59	-0.15	0.55	0.04	0.34	-0.26	0.31	**0.7**	0.0053
mmu-miR-27a	0.07	-0.67	-0.22	0.00	-0.16	1.11	-0.28	0.32	**0.7**	0.2816
mmu-miR-29b	0.08	-0.51	-0.27	0.53	-0.02	0.62	-0.23	0.38	**0.7**	0.0480
mmu-let-7i	-0.03	-0.50	-0.17	0.62	0.06	0.45	-0.23	0.38	**0.7**	0.0019
mmu-miR-34c	0.04	-0.44	-0.07	0.33	0.03	1.05	-0.16	0.47	**0.6**	0.1299
mmu-miR-145	-0.29	-0.58	-0.11	0.57	0.09	0.33	-0.33	0.33	**0.6**	0.0317
mmu-miR-125b-5p	0.00	-0.54	-0.20	0.73	0.04	0.50	-0.25	0.43	**0.6**	0.0044
mmu-miR-199b*	-0.14	-0.67	-0.24	0.63	0.03	0.34	-0.35	0.34	**0.6**	0.0064
mmu-miR-199a-5p	-0.16	-0.70	-0.13	0.68	0.02	0.41	-0.33	0.37	**0.6**	0.0142
mmu-miR-335-5p	0.86	-1.48	-0.91	0.44	0.63	-0.48	-0.51	0.20	**0.6**	0.4412
mmu-miR-34b-5p	-0.27	-0.75	-0.42	0.16	-0.28	0.85	-0.48	0.24	**0.6**	0.1213
mmu-miR-21	0.13	-0.66	-0.34	0.56	0.14	0.60	-0.29	0.43	**0.6**	0.0426

mmu-miR-142-3p	0.91	-1.13	-0.95	0.61	0.71	-0.30	-0.39	0.34	**0.6**	0.3601	
mmu-miR-142-5p	0.74	-1.19	-0.94	0.78	0.86	-0.80	-0.47	0.28	**0.6**	0.3722	
mmu-miR-199a-3p/m	-0.05	-0.82	-0.20	0.43	-0.12	1.00	-0.36	0.44	**0.6**	0.0650	
mmu-miR-143	-0.09	-0.65	-0.09	0.80	0.08	0.92	-0.28	0.60	**0.5**	0.0081	
mmu-miR-343	NA	NA	NA	0.28	NA	NA	#DIV/0!	0.28	####	#DIV/0!	
mmu-miR-770-5p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	yes
mmu-miR-876-5p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-299	0.00	0.24	0.10	NA	NA	NA	0.11	#DIV/0!	####	#DIV/0!	yes
mmu-miR-339-3p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-382*	0.50	0.26	0.38	NA	NA	NA	0.38	#DIV/0!	####	#DIV/0!	
mmu-miR-673-5p	NA	0.30	0.38	NA	NA	NA	0.34	#DIV/0!	####	#DIV/0!	yes
mmu-miR-154	0.34	NA	0.33	NA	NA	NA	0.34	#DIV/0!	####	#DIV/0!	yes
mmu-miR-212	NA	NA	NA	NA	-0.22	NA	#DIV/0!	-0.22	####	#DIV/0!	
mmu-miR-540-5p	0.09	NA	NA	NA	NA	NA	0.09	#DIV/0!	####	#DIV/0!	yes
mmu-miR-206	NA	NA	NA	0.21	NA	NA	#DIV/0!	0.21	####	#DIV/0!	
mmu-miR-122	NA	NA	NA	0.44	NA	NA	#DIV/0!	0.44	####	#DIV/0!	
mmu-miR-139-5p	NA	NA	0.06	NA	NA	NA	0.06	#DIV/0!	####	#DIV/0!	
mmu-miR-193*	NA	NA	NA	NA	NA	0.30	#DIV/0!	0.30	####	#DIV/0!	
mmu-miR-216a	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-27a*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-27b*	NA	NA	0.00	NA	NA	NA	0.00	#DIV/0!	####	#DIV/0!	
mmu-miR-380-5p	NA	NA	0.24	NA	NA	NA	0.24	#DIV/0!	####	#DIV/0!	yes
mmu-miR-466f	NA	NA	NA	NA	NA	0.38	#DIV/0!	0.38	####	#DIV/0!	
mmu-miR-489	NA	NA	NA	NA	NA	-0.16	#DIV/0!	-0.16	####	#DIV/0!	
mmu-miR-539	0.65	NA	NA	NA	NA	NA	0.65	#DIV/0!	####	#DIV/0!	yes
mmu-miR-679	NA	NA	0.06	NA	NA	NA	0.06	#DIV/0!	####	#DIV/0!	yes
mmu-miR-98	NA	NA	NA	NA	NA	0.58	#DIV/0!	0.58	####	#DIV/0!	
mmu-miR-1194	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-138	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-340-5p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-693-3p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-698	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-let-7c-1*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-let-7f*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-let-7g*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-let-7i*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-1	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-101a*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-105	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	

mmu-miR-10b*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-1188	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	yes
mmu-miR-1190	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-1191	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-1195	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-1197	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	yes
mmu-miR-1199	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-1224	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-124*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-125b*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-126-5p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-128	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-1-2-as	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-1306	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-132	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-133a	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-133a*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-135a*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-137	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-139-3p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-141*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-144	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-145*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-146a	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-146b	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-146b*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-147	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-148a*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-150*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-151-3p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-153	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-15a*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-15b*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-181a-1*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-181a-2*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-186*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-187	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-188-3p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-188-5p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	

mmu-miR-192	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-193b	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-194	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-196a	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-196b	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-19a*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-200a*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-200c*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-201	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-202-3p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-202-5p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-203	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-203*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-204	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-208b	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-211	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-214*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-216b	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-217	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-218	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-218-1*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-218-2*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-219	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-220	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-224	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-26b*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-29c*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-30a*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-30c-2*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-322*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-323-5p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	yes
mmu-miR-324-5p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-325*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-327	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-33*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-330	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-331-5p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-335-3p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-338-3p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!

mmu-miR-340-3p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-342-5p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-345-3p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-362-5p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-369-5p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	yes
mmu-miR-374*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-376a*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	yes
mmu-miR-376b*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	yes
mmu-miR-376c*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	yes
mmu-miR-378*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-384-3p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-384-5p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-425*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-448	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-449a	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-449b	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-449c	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-450a-3p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-450a-5p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-450b-5p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-451	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-452	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-453	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	yes
mmu-miR-455*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-463	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-463*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-464	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-465a-3p/m	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-466j	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-466k	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-466l	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-467d	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-469	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-470*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-483	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-485	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	yes
mmu-miR-486	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-488	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-488*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	

mmu-miR-491	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-493	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	yes
mmu-miR-496	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	yes
mmu-miR-497	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-499	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-501-3p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-501-5p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-504	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-505	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-509-5p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-511	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-532-3p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-532-5p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-543	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	yes
mmu-miR-544	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	yes
mmu-miR-546	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-547	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-568	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-574-3p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-582-5p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-590-3p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-590-5p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-592	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-598	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-652	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-653	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-654-5p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-666-3p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	yes
mmu-miR-669g	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	yes
mmu-miR-669h-5p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-669j	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-669k	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-670	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-671-3p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-676	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-676*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-680	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-681	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	
mmu-miR-682	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!	

mmu-miR-683	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
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mmu-miR-687	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-692	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-694	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-701	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-703	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-704	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-707	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-708*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-718	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-719	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-741	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-742	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-742*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-743a	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-743b-3p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-743b-5p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-744*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-759	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-760	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-764-3p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-764-5p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-7a*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-7b	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-802	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-871	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-872	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-873	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-875-5p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-876-3p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-878-3p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-878-5p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-879	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-880	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-883a-3p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-883b-3p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-93*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mmu-miR-99a	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!

mcmv-miR-m01-1	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mcmv-miR-m01-2	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mcmv-miR-m01-2*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mcmv-miR-m01-3	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mcmv-miR-m01-3*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mcmv-miR-m01-4	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mcmv-miR-m01-4*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mcmv-miR-m107-1-3	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mcmv-miR-m107-1-5	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mcmv-miR-m108-1*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mcmv-miR-m108-2-3	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mcmv-miR-m108-2-5	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mcmv-miR-m108-2-5	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mcmv-miR-m21-1	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mcmv-miR-m22-1	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mcmv-miR-M23-1-3p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mcmv-miR-M23-2	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mcmv-miR-M23-2*	NA	0.57	NA	NA	NA	NA	0.57	#DIV/0!	####	#DIV/0!
mcmv-miR-M44-1	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mcmv-miR-M55-1	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mcmv-miR-m59-1	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mcmv-miR-m59-2	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mcmv-miR-M87-1	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mcmv-miR-m88-1*	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mcmv-miR-M95-1-3p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mcmv-miR-M95-1-5p	NA	NA	NA	1.42	NA	NA	#DIV/0!	1.42	####	#DIV/0!
mghv-miR-M1-1	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mghv-miR-M1-6	NA	NA	NA	0.40	NA	NA	#DIV/0!	0.40	####	#DIV/0!
mghv-miR-M1-7-5p	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
mghv-miR-M1-9	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
SNORD49A-5	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
SNORD66-5	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
hsa_SNORD10	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
hsa_SNORD118	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
hsa_SNORD15A	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
hsa_SNORD4A	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
hsa_negative_control	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
hsa_negative_control	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
hsa_negative_control	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!

hsa_negative_control	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
hsa_negative_control	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
hsa_negative_control	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!
hsa_negative_control	NA	NA	NA	NA	NA	NA	#DIV/0!	#DIV/0!	####	#DIV/0!

Supplemental Table 6: 4n blastocyst injections with NT lines and rescued iPSC clone

Line	Gtl2	Blasts transferred	Resorptions	Stillborn	liveborn (%blasts)	viable pups	adult mice
Oct4ind ESCs[1]	on	33	9	0	3 (9.1%)	0	0
Adeno-1	off	40	10	0	0	0	0
NT-Adeno 1-1	off	35	18	0	0	0	0
NT-Adeno 2-1	off	15	5	0	0	0	0
NT-Adeno 2-2	off	17	3	0	0	0	0
NT-Adeno 2-3	off	7	2	0	0	0	0
VPA-10	on	67	20	5	0	0	0
iPSC#45	off	65	36	0	0	0	0

[1] Oct4ind ESCs were chosen as controls because iPSC clones Adeno-1 and Adeno-2 carry an inducible allele of the Oct4.

Supplemental Table 7. Primers used for qPCR

Gene	forward	reverse
Pou5f1	TAGGTGAGCCGTCTTTCCAC	GCTTAGCCAGGTTCGAGGAT
Gapdh	AGGTCGGTGTGAACGGATTTG	TGTAGACCATGTAGTTGAGGTCA
Dlk1	CCCAGGTGAGCTTCGAGTG	GGAGAGGGGTACTCTTGTTGAG
Gtl2	TTGCACATTTCCTGTGGGAC	AAGCACCATGAGCCACTAGG
Rian	TCGAGACACAAGAGGACTGC	ATTGGAAGTCTGAGCCATGG
Mirg	TTGACTCCAGAAGATGCTCC	CCTCAGGTTCCTAAGCAAGG
Igf2	GTGCTGCATCGCTGCTTAC	ACGTCCCTCTCGGACTTGG
Igf2r	GGGAAGCTGTTGACTCCAAAA	GCAGCCCATAGTGGTGTTGAA
Pax3	TTTCACCTCAGGTAATGGGACT	GAACGTCCAAGGCTTACTTTGT
Myogenin	GAGACATCCCCCTATTTCTACCA	GCTCAGTCCGCTCATAGCC
Pax7	TCTCCAAGATTCTGTGCCGAT	CGGGGTTCTCTCTCTTATACTCC
Nkx2.5	GACAAAGCCGAGACGGATGG	CTGTCGCTTGCACTTGTAGC
Islet-1	ATGATGGTGGTTTACAGGCTAAC	TCGATGCTACTTCACTGCCAG
Myf5	AAGGCTCCTGTATCCCCTCAC	TGACCTTCTTCAGGCGTCTAC
MyoD	CCACTCCGGGACATAGACTTG	AAAAGCGCAGGTCTGGTGAG
Decorin	TCTTGGGCTGGACCATTTGAA	CATCGGTAGGGGCACATAGA
Mest	GTGGTGGGTCCAAGTAGGG	AAGCACAACTATCTCAGGGCT
Ins2	GCTTCTTCTACACACCCATGTC	AGCACTGATCTACAATGCCAC
Pax6	GCAGATGCAAAAGTCCAGGTG	CAGGTTGCGAAGAACTCTGTTT
Mash1	GCAACCGGGTCAAGTTGGT	GTCGTTGGAGTAGTTGGGGG
Hes5	AGTCCCAAGGAGAAAAACCGA	GCTGTGTTTCAGGTAGCTGAC
Phlda2	CTCCGACGAGATCCTTTGCG	ACACGTACTTAGAGGTGTGCTC
Cdkn1c	CGAGGAGCAGGACGAGAATC	GAAGAAGTCGTTCGCATTGGC