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Locoregionally administered B7-H3-targeted CAR T cells for treatment of atypical teratoid/rhabdoid tumors

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Supplementary Table S1 Characteristics of ATRT cohort						
ATRT#	Sex	Age at diagnosis (years)	Tumor location	Subgroup	Outcome (Survival in months)	B7-H3 H Score
1	M	3	Parieto-Occipital	N/A	10	270
2	M	1	Medulla	SHH	10	270
3	M	1	frontal	N/A	5	285
4	F	1	4th ventricle	N/A	2	297
5	M	15	spinal cord	N/A	22	285
6	F	1	posterior fossa	TYR	alive	240
7	M	3	posterior fossa	SHH	alive	270
8	M	0	cerebellum	TYR	3	285
9	F	3	frontal	SHH	14	270
10	F	1	frontal	SHH	alive	270
11	F	5	frontal	MYC	21	270
12	M	0	Posterior Fossa	N/A	alive	100
13	M	4	Left Lateral Ventricle	SHH	13	105
14	F	0	Right parietal tumor	SHH	17	150
15	M	1	Posterior Fossa	TYR	19	240
16	F	5	Posterior Fossa	TYR	6	240
17	M	1	Right fronto-parietal	SHH	alive	270
18	F	1	Right Infratentorial Tumor	N/A	16	270
19	M	3	Posterior Fossa	N/A	11	285
20	F	4	supratentorial	MYC	alive	105
21	M	0	infratentorial	SHH	7	165
22	M	0	infratentorial	SHH	1	150
23	F	0	infratentorial	TYR	4	240
24	F	0	supratentorial	SHH	11	285

25	M	1	infratentorial	TYR	16	270
26	F	1	supratentorial	MYC	alive	270
27	M	0	infratentorial	TYR	9	255
28	M	5	supratentorial	TYR	alive	80
29	F	1	supratentorial	MYC	2	270
30	M	2	supratentorial	SHH	alive	255
31	M	1	supratentorial	MYC	alive	225
32	M	0	infratentorial	TYR	14	240
33	M	1	infratentorial	TYR	alive	285
34	M	3	supratentorial	SHH	alive	285
35	F	0	infratentorial	TYR	7	285
36	F	0	infratentorial	TYR	9	120
37	M	1	infratentorial	TYR	alive	210
38	M	0	infratentorial	MYC	0	150
39	M	2	supratentorial	SHH	alive	90
40	F	1	supratentorial	MYC	1	100
41	F	13	supratentorial	N/A	6	180
42	M	1	supratentorial	SHH	alive	240
43	M	1	supratentorial	SHH	12	285
44	F	0	infratentorial	MYC	11	240
45	M	1	supratentorial	MYC	alive	180
46	M	13	supratentorial	MYC	alive	270
47	F	5	spinal	MYC	2	285

Supplementary Table S2 Summary of ATRT cohort		
Clinical features, molecular subgroup and outcome of AT/RT of cohort from Fig 1d		
Sex (N, %)	Male	28 (59.6%)
	Female	19 (40.4%)
Age at diagnosis (years) median (range)	1	(0-15)
Tumor location (Supratentorial, Infratentorial) N (%)	Supratentorial	23 (48.9%)
	Infratentorial	24 (51.1%)
Subgroup N (%)		
TYR	13	27.66%
SHH	15	31.91%
MYC	11	23.4%
N/A	8	17.02%
Outcome (Survival in months) median (range)	9.5	(0-22)
B7-H3 H Score median (range)	255	(80-297)

Supplementary Table S3 Characteristics of ATRT cell lines			
Cell lines	Age at dx (months)	Sex	Tumor location
BT12	2	f	Posterior-fossa
BT16	2 years	m	
ATRT13808	3 years	m	Posterior fossa
ATRT-CHB-1	1 year	f	Posterior-fossa
CHLA 02	20	m	Pineal Region (M0)
CHLA 04	20	m	Leptomeningeal spread
CHLA 05	34	m	Frontal Lobe (M3)
CHLA 06	3	f	Posterior fossa (M0)
CHLA 266	1,5 years		Posterior fossa with supratentorial metastases
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Supplementary Table S4 Summary of pediatric normal brain cohort		
Summary of pediatric normal brain cohort		
Age at sample harvest (years)	Sex	B7-H3 Score
18	f	6
12	f	17
19	m	33
7	f	23
6	f	7
2	m	0
5	f	0
16	m	20
3	f	2
15	m	2
1	f	30
Summary of Infant normal brain cohort (< 1 years old)		
Age at sample harvest (months)	Sex	B7-H3 Score
1	m	25
1	m	30
2	m	25
2	m	30
3	f	25
4	m	13
6	m	20

Supplementary Table S5 miRNA normalized counts										
Accession #	Probe Name	Class Name	BT12	BT16	CHAL6	CHLA2	CHLA266	CHLA5	NEUROD14	NEUROINMAT
MIMAT0000062	hsa-let-7a-5p	Endogenous 1	10155	1917	5257	22630	2395	34232	1959	2314
MIMAT0000063	hsa-let-7b-5p	Endogenous 1	2959	2699	887	10478	84	5287	112	6049
MIMAT0000064	hsa-let-7c-5p	Endogenous 1	5465	318	645	5939	339	4057	1233	1324
MIMAT0000065	hsa-let-7d-5p	Endogenous 1	2628	831	252	5004	57	2338	246	390
MIMAT0000066	hsa-let-7e-5p	Endogenous 1	1390	85	453	1827	395	2202	911	271
MIMAT0000067	hsa-let-7f-5p	Endogenous 1	748	62	94	876	58	636	92	22
MIMAT00000414	hsa-let-7g-5p	Endogenous 1	3060	212	259	3636	67	2899	887	412
MIMAT00000415	hsa-let-7i-5p	Endogenous 1	3926	225	122	3783	35	1266	483	329
MIMAT00000416	hsa-miR-1-3p	Endogenous 1	20	32	20	20	30	20	29	20
MIMAT0031892	hsa-miR-1-5p	Endogenous 1	29	39	24	34	41	32	20	20
MIMAT0000098	hsa-miR-100-5p	Endogenous 1	419	913	1836	4672	5375	7238	599	845
MIMAT0000099	hsa-miR-101-3p	Endogenous 1	21	20	28	20	27	20	44	20

MIMAT0000101	hsa-miR-103a-3p	Endogenous 1	29	20	20	24	29	24	44	20
MIMAT0000102	hsa-miR-105-5p	Endogenous 1	28	30	33	40	104	40	224	26
MIMAT0000103	hsa-miR-106a-5p+hsa-miR-17-5p	Endogenous 1	530	621	777	2333	4375	4101	6673	561
MIMAT0000680	hsa-miR-106b-5p	Endogenous 1	329	105	2538	1107	1228	1371	5610	1268
MIMAT0000104	hsa-miR-107	Endogenous 1	276	25	303	1545	1740	1734	5578	53
MIMAT0000253	hsa-miR-10a-5p	Endogenous 1	20	20	45	20	1426	20	20	20
MIMAT0000254	hsa-miR-10b-5p	Endogenous 1	30	34	29	34	120	31	28	20
MIMAT00005823	hsa-miR-1178-3p	Endogenous 1	22	34	31	25	29	20	20	20
MIMAT00005825	hsa-miR-1180-3p	Endogenous 1	252	75	89	515	364	623	1113	244
MIMAT00005828	hsa-miR-1183	Endogenous 1	51	46	30	33	43	26	37	20
MIMAT0022838	hsa-miR-1185-1-3p	Endogenous 1	22	44	20	22	24	26	29	22
MIMAT0022713	hsa-miR-1185-2-3p	Endogenous 1	20	30	21	20	35	29	28	44
MIMAT00005798	hsa-miR-1185-5p	Endogenous 1	77	36	23	22	38	31	39	28
MIMAT0015049	hsa-miR-1193	Endogenous 1	20	22	20	20	29	25	20	20
MIMAT00005955	hsa-miR-1197	Endogenous 1	70	52	40	46	66	51	129	56

MIMAT00058 63	hsa-miR-1200	Endogenous 1	20	30	20	23	38	20	20	20
MIMAT00058 65	hsa-miR-1202	Endogenous 1	22	20	20	20	27	20	20	20
MIMAT00058 66	hsa-miR-1203	Endogenous 1	20	35	23	34	30	22	20	20
MIMAT00058 68	hsa-miR-1204	Endogenous 1	20	27	28	20	21	20	20	20
MIMAT00058 69	hsa-miR-1205	Endogenous 1	20	20	20	23	34	28	20	20
MIMAT00058 70	hsa-miR-1206	Endogenous 1	24	20	33	92	88	23	27	20
MIMAT00004 21	hsa-miR-122-5p	Endogenous 1	27	20	20	20	20	20	20	20
MIMAT00054 59	hsa-miR-1224-3p	Endogenous 1	23	26	20	20	25	27	20	20
MIMAT00054 58	hsa-miR-1224-5p	Endogenous 1	20	23	20	20	20	20	20	20
MIMAT00055 77	hsa-miR-1226-3p	Endogenous 1	33	20	23	43	42	63	90	20
MIMAT00055 83	hsa-miR-1228-3p	Endogenous 1	36	50	29	25	53	43	33	22
MIMAT00055 88	hsa-miR-1233-3p	Endogenous 1	20	23	20	20	33	20	20	20
MIMAT00055 89	hsa-miR-1234-3p	Endogenous 1	34	27	161	80	117	51	45	318
MIMAT00055 91	hsa-miR-1236-3p	Endogenous 1	32	28	25	26	37	39	22	20
MIMAT00004 22	hsa-miR-124-3p	Endogenous 1	20	22	27	48	93	202	2828	223

MIMAT00058 96	hsa-miR-1244	Endogenous 1	20	20	69	24	29	20	20	20
MIMAT00058 97	hsa-miR-1245a	Endogenous 1	23	30	20	20	32	24	20	20
MIMAT00199 51	hsa-miR-1245b-3p	Endogenous 1	20	30	20	20	27	20	20	22
MIMAT00199 50	hsa-miR-1245b-5p	Endogenous 1	30	38	20	63	60	54	20	20
MIMAT00058 98	hsa-miR-1246	Endogenous 1	20	79	100	31	20	728	102	20
MIMAT00058 99	hsa-miR-1247-5p	Endogenous 1	142	26	25	20	29	115	362	25
MIMAT00059 00	hsa-miR-1248	Endogenous 1	21	32	23	21	32	20	20	27
MIMAT00059 01	hsa-miR-1249-3p	Endogenous 1	25	36	20	21	41	36	39	20
MIMAT00320 29	hsa-miR-1249-5p	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00059 02	hsa-miR-1250-5p	Endogenous 1	20	21	30	20	27	21	20	20
MIMAT00059 44	hsa-miR-1252-5p	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00059 04	hsa-miR-1253	Endogenous 1	20	20	20	20	78	20	20	56
MIMAT00059 05	hsa-miR-1254	Endogenous 1	24	22	20	20	30	25	20	20
MIMAT00059 06	hsa-miR-1255a	Endogenous 1	28	45	30	35	55	50	36	26
MIMAT00059 45	hsa-miR-1255b-5p	Endogenous 1	33	51	28	35	40	48	27	25

MIMAT0005908	hsa-miR-1257	Endogenous 1	32	39	41	41	59	43	26	25
MIMAT0005909	hsa-miR-1258	Endogenous 1	37	22	31	29	56	29	29	20
MIMAT0004602	hsa-miR-125a-3p	Endogenous 1	32	20	21	29	49	41	56	43
MIMAT0000443	hsa-miR-125a-5p	Endogenous 1	5143	473	1278	7718	5911	8584	6784	2097
MIMAT0000423	hsa-miR-125b-5p	Endogenous 1	11741	2276	7861	57684	42251	47502	36774	35608
MIMAT0000445	hsa-miR-126-3p	Endogenous 1	291	88	58	85	629	157	214	24
MIMAT0005911	hsa-miR-1260a	Endogenous 1	636	31	3709	458	623	438	1693	917
MIMAT0015041	hsa-miR-1260b	Endogenous 1	47	31	52	59	80	93	128	20
MIMAT0005913	hsa-miR-1261	Endogenous 1	20	31	21	26	38	28	20	20
MIMAT0005914	hsa-miR-1262	Endogenous 1	33	34	27	25	44	28	29	22
MIMAT0005791	hsa-miR-1264	Endogenous 1	20	21	27	21	20	21	23	20
MIMAT0005920	hsa-miR-1266-5p	Endogenous 1	20	20	20	23	28	20	20	20
MIMAT0005922	hsa-miR-1268a	Endogenous 1	21	46	22	30	39	26	20	20
MIMAT0018925	hsa-miR-1268b	Endogenous 1	21	39	27	31	44	37	20	20
MIMAT0005923	hsa-miR-1269a	Endogenous 1	20	22	20	23	31	38	100	20

MIMAT0019059	hsa-miR-1269b	Endogenous 1	20	32	20	26	23	20	45	20
MIMAT0000446	hsa-miR-127-3p	Endogenous 1	2226	20	28	37	71	117	324	3114
MIMAT0004604	hsa-miR-127-5p	Endogenous 1	25	21	20	20	26	20	20	48
MIMAT0005924	hsa-miR-1270	Endogenous 1	28	42	30	66	35	66	38	20
MIMAT0022712	hsa-miR-1271-3p	Endogenous 1	20	33	20	20	20	20	20	20
MIMAT0005796	hsa-miR-1271-5p	Endogenous 1	24	39	28	42	48	56	71	24
MIMAT0005925	hsa-miR-1272	Endogenous 1	24	20	30	30	32	21	20	20
MIMAT0015017	hsa-miR-1273c	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT0005929	hsa-miR-1275	Endogenous 1	22	20	20	27	29	29	21	20
MIMAT0005930	hsa-miR-1276	Endogenous 1	28	26	20	78	51	57	27	34
MIMAT0005933	hsa-miR-1277-3p	Endogenous 1	31	37	21	33	33	22	67	20
MIMAT0005936	hsa-miR-1278	Endogenous 1	21	26	20	20	48	22	20	20
MIMAT0005937	hsa-miR-1279	Endogenous 1	28	20	20	26	39	31	20	20
MIMAT0026477	hsa-miR-128-1-5p	Endogenous 1	25	20	29	23	42	28	20	49
MIMAT0031095	hsa-miR-128-2-5p	Endogenous 1	21	25	20	20	20	20	20	20

MIMAT00004 24	hsa-miR-128-3p	Endogenous 1	20	20	20	155	269	237	584	20
MIMAT00059 39	hsa-miR-1281	Endogenous 1	26	30	23	22	36	31	23	20
MIMAT00057 99	hsa-miR-1283	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00058 76	hsa-miR-1285-3p	Endogenous 1	20	25	20	20	25	21	20	27
MIMAT00227 19	hsa-miR-1285-5p	Endogenous 1	48	77	62	92	84	135	73	149
MIMAT00058 77	hsa-miR-1286	Endogenous 1	31	45	25	20	31	35	37	20
MIMAT00267 38	hsa-miR-1287-3p	Endogenous 1	22	20	21	22	25	20	30	20
MIMAT00058 78	hsa-miR-1287-5p	Endogenous 1	26	20	20	21	37	28	85	24
MIMAT00059 42	hsa-miR-1288-3p	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00058 79	hsa-miR-1289	Endogenous 1	20	20	20	20	26	20	20	20
MIMAT00046 05	hsa-miR-129-2-3p	Endogenous 1	20	22	39	159	79	71	498	20
MIMAT00002 42	hsa-miR-129-5p	Endogenous 1	20	22	20	37	24	24	99	20
MIMAT00058 80	hsa-miR-1290	Endogenous 1	97	153	41	222	377	156	76	78
MIMAT00058 81	hsa-miR-1291	Endogenous 1	20	31	20	20	32	20	20	36
MIMAT00058 83	hsa-miR-1293	Endogenous 1	20	20	22	20	29	20	20	20

MIMAT00058 85	hsa-miR-1295a	Endogenous 1	23	51	38	35	51	51	36	20
MIMAT00266 37	hsa-miR-1296-3p	Endogenous 1	42	59	44	43	43	51	39	20
MIMAT00057 94	hsa-miR-1296-5p	Endogenous 1	20	42	89	32	57	69	217	33
MIMAT00058 86	hsa-miR-1297	Endogenous 1	28	55	32	52	72	68	30	23
MIMAT00058 00	hsa-miR-1298-5p	Endogenous 1	22	29	38	34	43	42	211	20
MIMAT00058 87	hsa-miR-1299	Endogenous 1	30	41	25	20	38	28	20	20
MIMAT00057 97	hsa-miR-1301-3p	Endogenous 1	20	21	21	27	40	54	85	20
MIMAT00058 90	hsa-miR-1302	Endogenous 1	20	25	20	20	23	20	20	20
MIMAT00058 91	hsa-miR-1303	Endogenous 1	20	37	20	30	20	32	20	20
MIMAT00227 20	hsa-miR-1304-3p	Endogenous 1	20	20	20	20	22	20	20	20
MIMAT00058 92	hsa-miR-1304-5p	Endogenous 1	20	20	20	23	31	21	20	20
MIMAT00058 93	hsa-miR-1305	Endogenous 1	40	82	52	42	95	63	60	38
MIMAT00059 50	hsa-miR-1306-3p	Endogenous 1	29	49	23	27	31	27	27	20
MIMAT00227 26	hsa-miR-1306-5p	Endogenous 1	36	34	43	156	73	212	226	32
MIMAT00059 51	hsa-miR-1307-3p	Endogenous 1	137	40	36	64	57	78	51	20

MIMAT00227 27	hsa-miR-1307-5p	Endogenous 1	20	35	39	25	36	31	21	24
MIMAT00004 25	hsa-miR-130a-3p	Endogenous 1	2856	133	15016	9118	15400	2605 8	43263	5660
MIMAT00006 91	hsa-miR-130b-3p	Endogenous 1	58	68	129	572	285	1227	1855	268
MIMAT00004 26	hsa-miR-132-3p	Endogenous 1	143	25	88	362	502	590	466	87
MIMAT00059 53	hsa-miR-1322	Endogenous 1	48	43	31	50	59	60	26	24
MIMAT00057 95	hsa-miR-1323	Endogenous 1	50	56	30	75	85	77	40	29
MIMAT00004 27	hsa-miR-133a-3p	Endogenous 1	24	26	20	22	35	26	44	23
MIMAT00264 78	hsa-miR-133a-5p	Endogenous 1	29	33	26	30	30	38	23	20
MIMAT00007 70	hsa-miR-133b	Endogenous 1	20	28	29	95	34	81	241	88
MIMAT00264 81	hsa-miR-134-3p	Endogenous 1	26	23	20	20	29	22	20	31
MIMAT00004 47	hsa-miR-134-5p+hsa-miR-6728-5p	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00004 28	hsa-miR-135a-5p	Endogenous 1	20	21	43	21	35	368	25807	856
MIMAT00007 58	hsa-miR-135b-5p	Endogenous 1	20	20	780	570	31	1290	14837	1631
MIMAT00004 48	hsa-miR-136-5p	Endogenous 1	376	21	20	20	20	36	498	2645
MIMAT00004 29	hsa-miR-137	Endogenous 1	35	64	37	115	78	132	865	70

MIMAT0000430	hsa-miR-138-5p	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT0004552	hsa-miR-139-3p	Endogenous 1	20	20	20	34	29	28	98	20
MIMAT0000250	hsa-miR-139-5p	Endogenous 1	20	20	20	20	20	20	25	20
MIMAT0004597	hsa-miR-140-3p	Endogenous 1	38	37	46	51	36	51	53	49
MIMAT0000431	hsa-miR-140-5p	Endogenous 1	198	107	140	504	238	448	2845	1198
MIMAT0000432	hsa-miR-141-3p	Endogenous 1	22	102	23	28	207	20	34	31
MIMAT0000434	hsa-miR-142-3p	Endogenous 1	20	20	20	20	23	20	23	20
MIMAT0000433	hsa-miR-142-5p	Endogenous 1	20	27	22	20	24	24	20	23
MIMAT0000435	hsa-miR-143-3p	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT0000436	hsa-miR-144-3p	Endogenous 1	20	24	27	23	24	27	58	20
MIMAT0000437	hsa-miR-145-5p	Endogenous 1	20	34	20	20	22	20	20	23
MIMAT0007347	hsa-miR-1469	Endogenous 1	20	24	20	20	22	20	40	30
MIMAT0000449	hsa-miR-146a-5p	Endogenous 1	23	42	20	26	34	31	32	46
MIMAT0004766	hsa-miR-146b-3p	Endogenous 1	20	22	20	20	20	21	37	20
MIMAT0002809	hsa-miR-146b-5p	Endogenous 1	23	34	37	20	40	33	26	29

MIMAT00002 51	hsa-miR-147a	Endogenous 1	20	22	20	21	34	23	20	20
MIMAT00049 28	hsa-miR-147b	Endogenous 1	29	20	25	25	38	24	25	20
MIMAT00002 43	hsa-miR-148a-3p	Endogenous 1	20	22	36	20	1195	21	1302	555
MIMAT00007 59	hsa-miR-148b-3p	Endogenous 1	386	75	557	1404	772	1731	4572	595
MIMAT00004 50	hsa-miR-149-5p	Endogenous 1	44	28	98	1067	314	949	3374	941
MIMAT00004 51	hsa-miR-150-5p	Endogenous 1	20	21	22	20	21	20	20	20
MIMAT00007 57	hsa-miR-151a-3p	Endogenous 1	305	242	256	636	382	733	999	287
MIMAT00046 97	hsa-miR-151a-5p	Endogenous 1	135	20	66	159	109	248	215	81
MIMAT00102 14	hsa-miR-151b	Endogenous 1	20	20	20	20	21	20	20	20
MIMAT00004 38	hsa-miR-152-3p	Endogenous 1	20	20	21	22	22	20	60	27
MIMAT00264 79	hsa-miR-152-5p	Endogenous 1	20	40	26	20	21	20	27	20
MIMAT00004 39	hsa-miR-153-3p	Endogenous 1	20	30	20	20	28	21	150	45
MIMAT00073 99	hsa-miR-1537-3p	Endogenous 1	36	32	658	56	45	71	94	72
MIMAT00004 52	hsa-miR-154-5p	Endogenous 1	324	21	20	20	22	33	92	367
MIMAT00006 46	hsa-miR-155-5p	Endogenous 1	43	24	25	32	63	41	22	31

MIMAT0000068	hsa-miR-15a-5p	Endogenous 1	1271	209	2346	4875	2072	4942	6738	5009
MIMAT0000417	hsa-miR-15b-5p	Endogenous 1	4135	86	1969	16534	8173	18603	15020	2562
MIMAT0000069	hsa-miR-16-5p	Endogenous 1	3480	34	1390	10745	9470	11776	12320	838
MIMAT0004558	hsa-miR-181a-2-3p	Endogenous 1	24	22	25	52	56	51	232	54
MIMAT0000270	hsa-miR-181a-3p	Endogenous 1	22	53	29	158	35	130	576	228
MIMAT0000256	hsa-miR-181a-5p	Endogenous 1	241	801	232	3935	236	2446	23571	10483
MIMAT0031893	hsa-miR-181b-2-3p	Endogenous 1	24	29	39	44	45	35	32	20
MIMAT0000257	hsa-miR-181b-5p+hsa-miR-181d-5p	Endogenous 1	38	54	32	147	64	114	551	104
MIMAT0000258	hsa-miR-181c-5p	Endogenous 1	37	20	21	61	22	73	478	301
MIMAT0026608	hsa-miR-181d-3p	Endogenous 1	20	34	20	20	36	20	27	20
MIMAT0000260	hsa-miR-182-3p	Endogenous 1	26	38	21	26	50	20	21	20
MIMAT0000259	hsa-miR-182-5p	Endogenous 1	21	29	20	465	465	21	39	20
MIMAT0006767	hsa-miR-1827	Endogenous 1	20	29	20	24	34	33	20	20
MIMAT0000261	hsa-miR-183-5p	Endogenous 1	75	52	53	1225	915	51	50	20
MIMAT0000454	hsa-miR-184	Endogenous 1	21	26	20	28	27	20	20	20

MIMAT00004 55	hsa-miR-185-5p	Endogenous 1	106	31	113	219	92	171	234	185
MIMAT00004 56	hsa-miR-186-5p	Endogenous 1	283	62	94	217	631	248	541	264
MIMAT00002 62	hsa-miR-187-3p	Endogenous 1	20	26	20	20	32	27	34	20
MIMAT00046 13	hsa-miR-188-3p	Endogenous 1	20	20	20	20	25	20	20	20
MIMAT00004 57	hsa-miR-188-5p	Endogenous 1	20	29	25	21	37	31	25	20
MIMAT00000 72	hsa-miR-18a-5p	Endogenous 1	216	28	708	808	1200	1363	6636	294
MIMAT00014 12	hsa-miR-18b-5p	Endogenous 1	20	23	28	32	33	24	1355	35
MIMAT00269 16	hsa-miR-1908-3p	Endogenous 1	20	21	28	21	28	20	20	20
MIMAT00078 81	hsa-miR-1908-5p	Endogenous 1	23	46	44	94	62	57	61	35
MIMAT00078 83	hsa-miR-1909-3p	Endogenous 1	20	20	21	20	20	20	20	20
MIMAT00264 82	hsa-miR-190a-3p	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00004 58	hsa-miR-190a-5p	Endogenous 1	20	20	82	20	28	32	139	79
MIMAT00049 29	hsa-miR-190b	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00004 40	hsa-miR-191-5p	Endogenous 1	3226	230	1711	1245 4	3738	5787	4831	2126
MIMAT00269 17	hsa-miR-1910-3p	Endogenous 1	20	38	20	20	20	22	25	20

MIMAT00078 84	hsa-miR-1910-5p	Endogenous 1	20	21	21	20	30	20	20	29
MIMAT00078 92	hsa-miR-1915-3p	Endogenous 1	20	43	23	29	24	34	58	23
MIMAT00002 22	hsa-miR-192-5p	Endogenous 1	121	28	33	33	49	46	45	20
MIMAT00004 59	hsa-miR-193a-3p	Endogenous 1	20	20	204	20	20	20	20	20
MIMAT00046 14	hsa-miR-193a-5p+hsa-miR-193b-5p	Endogenous 1	29	41	59	44	41	44	25	46
MIMAT00028 19	hsa-miR-193b-3p	Endogenous 1	20	25	443	20	75	21	67	64
MIMAT00004 60	hsa-miR-194-5p	Endogenous 1	550	24	45	35	35	87	191	79
MIMAT00004 61	hsa-miR-195-5p	Endogenous 1	24	30	26	123	25	63	20	43
MIMAT00045 62	hsa-miR-196a-3p	Endogenous 1	24	20	20	20	27	20	20	20
MIMAT00002 26	hsa-miR-196a-5p	Endogenous 1	30	51	41	44	41	85	21	22
MIMAT00010 80	hsa-miR-196b-5p	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00002 27	hsa-miR-197-3p	Endogenous 1	61	45	67	246	231	273	407	55
MIMAT00226 91	hsa-miR-197-5p	Endogenous 1	36	43	39	45	46	36	37	21
MIMAT00094 47	hsa-miR-1972	Endogenous 1	20	30	37	123	40	86	36	128
MIMAT00094 48	hsa-miR-1973	Endogenous 1	22	29	29	53	43	59	20	26

MIMAT00094 51	hsa-miR-1976	Endogenous 1	20	26	20	20	38	23	25	20
MIMAT00002 28	hsa-miR-198	Endogenous 1	20	21	20	20	20	23	20	20
MIMAT00002 32	hsa-miR-199a-3p+hsa-miR-199b-3p	Endogenous 1	33	42	11080	74	66	2248 5	113	25
MIMAT00002 31	hsa-miR-199a-5p	Endogenous 1	25	26	29213	20	44	6635	81	20
MIMAT00002 63	hsa-miR-199b-5p	Endogenous 1	20	20	73	20	25	30	34	20
MIMAT00000 73	hsa-miR-19a-3p	Endogenous 1	196	21	1714	813	1257	1130	12852	1732
MIMAT00000 74	hsa-miR-19b-3p	Endogenous 1	351	33	2011	1160	1932	1788	14796	3074
MIMAT00006 82	hsa-miR-200a-3p	Endogenous 1	20	31	20	25	25	24	43	22
MIMAT00003 18	hsa-miR-200b-3p	Endogenous 1	20	23	20	26	33	23	20	20
MIMAT00006 17	hsa-miR-200c-3p	Endogenous 1	28	252	25	34	2649	35	41	20
MIMAT00028 11	hsa-miR-202-3p	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00002 64	hsa-miR-203a-3p	Endogenous 1	20	27	20	20	31	27	24	20
MIMAT00318 90	hsa-miR-203a-5p	Endogenous 1	28	47	28	29	49	36	30	24
MIMAT00002 65	hsa-miR-204-5p	Endogenous 1	20	22	20	53	20	20	5699	110
MIMAT00002 66	hsa-miR-205-5p	Endogenous 1	20	22	27	27	135	23	103	20

MIMAT00099 78	hsa-miR-2053	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00004 62	hsa-miR-206	Endogenous 1	25	35	20	79	79	29	25	20
MIMAT00002 41	hsa-miR-208a-3p	Endogenous 1	37	53	30	30	48	39	20	24
MIMAT00049 60	hsa-miR-208b-3p	Endogenous 1	20	26	20	25	33	31	43	20
MIMAT00267 22	hsa-miR-208b-5p	Endogenous 1	20	36	22	20	26	20	20	20
MIMAT00000 75	hsa-miR-20a-5p+hsa-miR-20b-5p	Endogenous 1	757	761	1266	3072	4454	5154	14180	1302
MIMAT00000 76	hsa-miR-21-5p	Endogenous 1	8378	296	2196	603	312	281	1524	16610
MIMAT00002 67	hsa-miR-210-3p	Endogenous 1	31	30	54	116	51	53	76	36
MIMAT00264 75	hsa-miR-210-5p	Endogenous 1	23	23	20	21	23	20	20	20
MIMAT00226 94	hsa-miR-211-3p	Endogenous 1	21	26	21	20	24	23	20	20
MIMAT00002 68	hsa-miR-211-5p	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00101 33	hsa-miR-2110	Endogenous 1	24	20	20	30	31	23	20	23
MIMAT00092 06	hsa-miR-2113	Endogenous 1	20	21	22	20	25	28	27	20
MIMAT00111 60	hsa-miR-2116-5p	Endogenous 1	40	47	20	45	62	42	23	20
MIMAT00111 62	hsa-miR-2117	Endogenous 1	36	39	45	41	124	62	40	65

MIMAT00002 69	hsa-miR-212-3p	Endogenous 1	20	20	20	30	35	25	20	24
MIMAT00002 71	hsa-miR-214-3p	Endogenous 1	20	20	587	20	20	1080	20	20
MIMAT00002 72	hsa-miR-215-5p	Endogenous 1	22	20	20	20	27	27	20	20
MIMAT00002 73	hsa-miR-216a-5p	Endogenous 1	20	20	20	20	25	20	132	20
MIMAT00049 59	hsa-miR-216b-5p	Endogenous 1	42	35	53	563	976	257	1015	45
MIMAT00002 74	hsa-miR-217	Endogenous 1	20	20	20	58	122	20	135	20
MIMAT00002 75	hsa-miR-218-5p	Endogenous 1	21	275	580	527	40	612	1926	151
MIMAT00045 67	hsa-miR-219a-1-3p	Endogenous 1	20	20	20	20	25	20	64	43
MIMAT00046 75	hsa-miR-219a-2-3p	Endogenous 1	20	20	20	20	22	20	1515	20
MIMAT00002 76	hsa-miR-219a-5p	Endogenous 1	20	20	20	30	31	22	1662	38
MIMAT00197 48	hsa-miR-219b-3p	Endogenous 1	36	50	20	70	100	54	20	20
MIMAT00000 77	hsa-miR-22-3p	Endogenous 1	649	54	1055	1195	798	357	583	4324
MIMAT00002 78	hsa-miR-221-3p	Endogenous 1	96	30	355	2738	4580	1276	4795	1125
MIMAT00045 68	hsa-miR-221-5p	Endogenous 1	29	24	20	27	28	31	67	40
MIMAT00002 79	hsa-miR-222-3p	Endogenous 1	1676	373	116	549	511	445	1249	1397

MIMAT0000280	hsa-miR-223-3p	Endogenous 1	20	23	20	20	30	23	20	20
MIMAT0000281	hsa-miR-224-5p	Endogenous 1	21	31	24	20	32	23	21	20
MIMAT0011778	hsa-miR-2278	Endogenous 1	20	24	20	20	27	20	20	20
MIMAT0000078	hsa-miR-23a-3p	Endogenous 1	5128	2292	1237	4175	2353	2346	1422	4881
MIMAT0000418	hsa-miR-23b-3p	Endogenous 1	506	139	771	979	2555	395	978	2923
MIMAT0018000	hsa-miR-23c	Endogenous 1	24	33	21	21	28	29	20	33
MIMAT0000080	hsa-miR-24-3p	Endogenous 1	1141	27	362	642	1216	227	541	697
MIMAT0000081	hsa-miR-25-3p	Endogenous 1	1150	27	1421	7137	3071	9759	8558	1327
MIMAT0004498	hsa-miR-25-5p	Endogenous 1	22	24	22	30	33	31	32	20
MIMAT0013517	hsa-miR-2682-5p	Endogenous 1	20	23	20	20	26	28	20	20
MIMAT0000082	hsa-miR-26a-5p	Endogenous 1	184	117	151	2031	1096	1499	938	452
MIMAT0000083	hsa-miR-26b-5p	Endogenous 1	427	104	82	181	287	397	391	173
MIMAT0000084	hsa-miR-27a-3p	Endogenous 1	38	21	47	139	76	95	316	121
MIMAT0000419	hsa-miR-27b-3p	Endogenous 1	208	25	3328	1129	3281	485	1080	2370
MIMAT0004502	hsa-miR-28-3p	Endogenous 1	58	44	74	126	112	89	184	191

MIMAT0000085	hsa-miR-28-5p	Endogenous 1	338	384	120	920	697	784	546	493
MIMAT0004679	hsa-miR-296-3p	Endogenous 1	20	26	20	20	20	20	22	20
MIMAT0000690	hsa-miR-296-5p	Endogenous 1	195	20	20	57	32	28	1130	39
MIMAT0004450	hsa-miR-297	Endogenous 1	20	20	20	23	20	22	98	20
MIMAT0004901	hsa-miR-298	Endogenous 1	20	34	20	20	23	26	23	20
MIMAT0000687	hsa-miR-299-3p	Endogenous 1	101	36	62	35	70	54	190	266
MIMAT0002890	hsa-miR-299-5p	Endogenous 1	356	42	31	23	60	75	149	364
MIMAT0000086	hsa-miR-29a-3p	Endogenous 1	3536	187	25258	1339	1331	417	479	9641
MIMAT0000100	hsa-miR-29b-3p	Endogenous 1	10642	554	233395	1391	2679	507	1046	11844
MIMAT0000681	hsa-miR-29c-3p	Endogenous 1	146	23	453	165	234	211	1475	473
MIMAT0004903	hsa-miR-300	Endogenous 1	20	20	20	26	20	22	20	20
MIMAT0000688	hsa-miR-301a-3p	Endogenous 1	80	29	613	763	383	777	15008	691
MIMAT0022696	hsa-miR-301a-5p	Endogenous 1	35	31	52	53	51	63	209	26
MIMAT0004958	hsa-miR-301b-3p	Endogenous 1	20	26	42	64	36	118	1578	28
MIMAT0032026	hsa-miR-301b-5p	Endogenous 1	20	21	26	24	26	26	24	20

MIMAT00006 84	hsa-miR-302a-3p	Endogenous 1	20	22	20	20	29	20	23	20
MIMAT00006 83	hsa-miR-302a-5p	Endogenous 1	25	33	20	26	33	29	56	20
MIMAT00007 15	hsa-miR-302b-3p	Endogenous 1	51	30	23	31	34	40	24	20
MIMAT00007 17	hsa-miR-302c-3p	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00007 18	hsa-miR-302d-3p	Endogenous 1	20	20	35	33	20	22	20	20
MIMAT00059 31	hsa-miR-302e	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00059 32	hsa-miR-302f	Endogenous 1	20	20	20	20	33	26	20	20
MIMAT00153 78	hsa-miR-3065-3p	Endogenous 1	32	22	20	31	32	26	89	21
MIMAT00150 66	hsa-miR-3065-5p	Endogenous 1	20	20	20	20	20	20	74	20
MIMAT00150 27	hsa-miR-3074-3p	Endogenous 1	20	33	25	20	24	25	20	20
MIMAT00000 88	hsa-miR-30a-3p	Endogenous 1	628	28	48	30	50	241	238	84
MIMAT00000 87	hsa-miR-30a-5p	Endogenous 1	4642	151	35	39	45	286	1669	1744
MIMAT00004 20	hsa-miR-30b-5p	Endogenous 1	140	20	50	148	367	203	645	170
MIMAT00002 44	hsa-miR-30c-5p	Endogenous 1	511	21	73	152	188	358	1643	391
MIMAT00002 45	hsa-miR-30d-5p	Endogenous 1	831	59	72	155	124	341	1409	622

MIMAT00006 93	hsa-miR-30e-3p	Endogenous 1	256	39	43	108	99	189	281	65
MIMAT00006 92	hsa-miR-30e-5p	Endogenous 1	285	105	117	76	101	99	956	741
MIMAT00000 89	hsa-miR-31-5p	Endogenous 1	322	20	71	105	23	20	20	20
MIMAT00149 90	hsa-miR-3127-5p	Endogenous 1	27	35	22	29	46	33	30	20
MIMAT00149 94	hsa-miR-3130-3p	Endogenous 1	23	40	28	20	24	26	24	20
MIMAT00149 96	hsa-miR-3131	Endogenous 1	20	38	30	20	23	32	21	20
MIMAT00150 03	hsa-miR-3136-5p	Endogenous 1	25	35	23	24	39	25	22	41
MIMAT00150 08	hsa-miR-3140-3p	Endogenous 1	20	28	20	26	61	30	20	20
MIMAT00192 04	hsa-miR-3140-5p	Endogenous 1	20	33	20	20	23	25	29	20
MIMAT00150 15	hsa-miR-3144-3p	Endogenous 1	35	20	72	57	50	83	28	20
MIMAT00150 14	hsa-miR-3144-5p	Endogenous 1	20	24	20	20	24	20	20	20
MIMAT00150 19	hsa-miR-3147	Endogenous 1	25	31	38	29	43	38	30	20
MIMAT00181 94	hsa-miR-3150b-3p	Endogenous 1	20	22	20	20	20	20	20	26
MIMAT00150 24	hsa-miR-3151-5p	Endogenous 1	20	32	20	20	29	38	1499	61
MIMAT00150 32	hsa-miR-3158-3p	Endogenous 1	22	20	20	20	22	31	20	20

MIMAT00150 35	hsa-miR-3161	Endogenous 1	42	64	41	32	58	21	25	117
MIMAT00150 38	hsa-miR-3164	Endogenous 1	20	31	27	20	20	20	20	26
MIMAT00150 43	hsa-miR-3168	Endogenous 1	20	33	20	25	39	28	45	20
MIMAT00150 56	hsa-miR-3179	Endogenous 1	20	27	20	20	20	20	20	20
MIMAT00181 78	hsa-miR-3180	Endogenous 1	20	21	20	20	24	26	27	20
MIMAT00150 58	hsa-miR-3180-3p	Endogenous 1	20	20	20	20	21	20	20	20
MIMAT00150 57	hsa-miR-3180-5p	Endogenous 1	23	33	30	20	29	26	20	23
MIMAT00150 62	hsa-miR-3182	Endogenous 1	23	22	22	23	37	34	20	34
MIMAT00150 65	hsa-miR-3185	Endogenous 1	20	20	20	20	20	20	22	44
MIMAT00228 39	hsa-miR-3190-3p	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00150 76	hsa-miR-3192-5p	Endogenous 1	26	35	30	20	30	21	20	20
MIMAT00150 79	hsa-miR-3195	Endogenous 1	23	38	37	31	54	22	33	36
MIMAT00150 80	hsa-miR-3196	Endogenous 1	20	26	20	20	20	20	20	20
MIMAT00000 90	hsa-miR-32-5p	Endogenous 1	215	36	2128	445	310	428	8951	897
MIMAT00150 89	hsa-miR-3202	Endogenous 1	20	33	21	22	23	22	20	28

MIMAT00005 10	hsa-miR-320a	Endogenous 1	20	20	20	22	33	29	23	26
MIMAT00057 92	hsa-miR-320b	Endogenous 1	20	20	21	20	35	20	20	44
MIMAT00057 93	hsa-miR-320c	Endogenous 1	20	20	51	20	20	20	20	20
MIMAT00067 64	hsa-miR-320d	Endogenous 1	24	26	23	20	30	27	29	20
MIMAT00150 72	hsa-miR-320e	Endogenous 1	36	191	27	63	52	86	90	113
MIMAT00007 55	hsa-miR-323a-3p	Endogenous 1	1484	29	20	27	46	102	440	319
MIMAT00046 96	hsa-miR-323a-5p	Endogenous 1	20	25	20	20	20	22	20	20
MIMAT00150 50	hsa-miR-323b-3p	Endogenous 1	23	36	36	22	48	31	27	28
MIMAT00016 30	hsa-miR-323b-5p	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00007 62	hsa-miR-324-3p	Endogenous 1	20	20	20	20	20	20	23	20
MIMAT00007 61	hsa-miR-324-5p	Endogenous 1	130	20	469	636	341	879	2155	243
MIMAT00007 71	hsa-miR-325	Endogenous 1	21	33	24	23	33	25	20	20
MIMAT00007 56	hsa-miR-326	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00007 52	hsa-miR-328-3p	Endogenous 1	20	32	22	27	26	25	79	38
MIMAT00264 86	hsa-miR-328-5p	Endogenous 1	28	37	20	40	31	38	28	20

MIMAT00016 29	hsa-miR-329-3p	Endogenous 1	59	20	20	20	20	20	50	55
MIMAT00265 55	hsa-miR-329-5p	Endogenous 1	27	23	21	33	44	40	25	20
MIMAT00007 51	hsa-miR-330-3p	Endogenous 1	47	20	20	27	23	27	33	24
MIMAT00046 93	hsa-miR-330-5p	Endogenous 1	21	35	21	21	26	24	38	20
MIMAT00007 60	hsa-miR-331-3p	Endogenous 1	158	37	240	373	1420	527	3360	96
MIMAT00047 00	hsa-miR-331-5p	Endogenous 1	20	20	20	20	23	20	20	20
MIMAT00007 65	hsa-miR-335-5p	Endogenous 1	21	20	97	20	51	841	1139	195
MIMAT00007 54	hsa-miR-337-3p	Endogenous 1	46	20	20	20	25	22	35	40
MIMAT00046 95	hsa-miR-337-5p	Endogenous 1	532	29	22	20	35	39	87	669
MIMAT00047 01	hsa-miR-338-5p	Endogenous 1	20	21	20	20	20	23	20	20
MIMAT00047 02	hsa-miR-339-3p	Endogenous 1	20	20	20	20	20	24	37	20
MIMAT00007 64	hsa-miR-339-5p	Endogenous 1	20	20	20	20	26	20	20	20
MIMAT00000 91	hsa-miR-33a-5p	Endogenous 1	30	40	684	98	27	67	928	274
MIMAT00033 01	hsa-miR-33b-5p	Endogenous 1	20	31	35	25	41	22	21	24
MIMAT00046 92	hsa-miR-340-5p	Endogenous 1	101	106	200	473	2126	588	9235	1255

MIMAT00007 53	hsa-miR-342-3p	Endogenous 1	761	20	111	445	266	1244	3473	375
MIMAT00046 94	hsa-miR-342-5p	Endogenous 1	20	25	20	20	38	20	20	34
MIMAT00226 98	hsa-miR-345-3p	Endogenous 1	25	34	25	20	23	29	20	20
MIMAT00007 72	hsa-miR-345-5p	Endogenous 1	20	20	149	84	59	100	174	56
MIMAT00007 73	hsa-miR-346	Endogenous 1	20	40	27	27	36	35	30	20
MIMAT00002 55	hsa-miR-34a-5p	Endogenous 1	1744	29	6165	1909	84	1459	188	2575
MIMAT00046 76	hsa-miR-34b-3p	Endogenous 1	24	24	20	20	24	23	21	20
MIMAT00046 77	hsa-miR-34c-3p	Endogenous 1	22	20	20	27	34	33	20	20
MIMAT00006 86	hsa-miR-34c-5p	Endogenous 1	23	23	45	21	55	51	42	36
MIMAT00179 82	hsa-miR-3605-3p	Endogenous 1	20	26	20	22	28	49	39	20
MIMAT00179 81	hsa-miR-3605-5p	Endogenous 1	20	20	20	20	22	26	20	20
MIMAT00046 82	hsa-miR-361-3p	Endogenous 1	231	36	55	92	46	156	126	125
MIMAT00007 03	hsa-miR-361-5p	Endogenous 1	212	207	248	1225	1235	2054	2840	1095
MIMAT00179 91	hsa-miR-3613-3p	Endogenous 1	23	29	27	20	38	26	21	20
MIMAT00179 90	hsa-miR-3613-5p	Endogenous 1	20	23	20	20	20	20	20	20

MIMAT00179 93	hsa-miR-3614-3p	Endogenous 1	20	40	20	30	29	20	22	20
MIMAT00179 92	hsa-miR-3614-5p	Endogenous 1	20	22	23	20	20	22	21	20
MIMAT00179 94	hsa-miR-3615	Endogenous 1	20	29	20	27	27	20	20	22
MIMAT00046 83	hsa-miR-362-3p	Endogenous 1	66	36	177	253	250	259	536	146
MIMAT00007 05	hsa-miR-362-5p	Endogenous 1	61	91	69	516	270	541	192	68
MIMAT00007 07	hsa-miR-363-3p	Endogenous 1	44	46	22	322	82	46	8285	121
MIMAT00033 85	hsa-miR-363-5p	Endogenous 1	23	41	25	20	53	30	31	32
MIMAT00007 10	hsa-miR-365a-3p+hsa-miR-365b-3p	Endogenous 1	43	39	193	117	829	226	330	106
MIMAT00228 33	hsa-miR-365b-5p	Endogenous 1	20	25	27	20	30	20	25	20
MIMAT00007 19	hsa-miR-367-3p	Endogenous 1	33	34	27	20	36	20	20	22
MIMAT00007 21	hsa-miR-369-3p	Endogenous 1	63	37	33	34	42	23	40	26
MIMAT00016 21	hsa-miR-369-5p	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00181 19	hsa-miR-3690	Endogenous 1	27	43	47	20	41	20	30	34
MIMAT00007 22	hsa-miR-370-3p	Endogenous 1	237	24	20	20	20	38	59	135
MIMAT00264 83	hsa-miR-370-5p	Endogenous 1	20	26	20	20	26	20	20	20

MIMAT00046 87	hsa-miR-371a-5p	Endogenous 1	20	27	20	26	23	23	24	20
MIMAT00198 92	hsa-miR-371b-5p	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00007 24	hsa-miR-372-3p	Endogenous 1	20	20	20	20	24	28	20	20
MIMAT00007 26	hsa-miR-373-3p	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00046 88	hsa-miR-374a-3p	Endogenous 1	20	23	26	22	26	28	20	20
MIMAT00007 27	hsa-miR-374a-5p	Endogenous 1	944	847	2217	1947	2752	3007	14142	7680
MIMAT00049 55	hsa-miR-374b-5p	Endogenous 1	198	102	116	427	709	666	2671	670
MIMAT00184 43	hsa-miR-374c-5p	Endogenous 1	20	20	20	20	20	20	20	71
MIMAT00007 28	hsa-miR-375	Endogenous 1	20	21	20	20	25	20	20	20
MIMAT00229 28	hsa-miR-376a-2-5p	Endogenous 1	29	20	26	20	34	24	29	21
MIMAT00007 29	hsa-miR-376a-3p	Endogenous 1	3166	42	36	36	77	112	781	4259
MIMAT00021 72	hsa-miR-376b-3p	Endogenous 1	153	20	20	20	20	20	30	231
MIMAT00007 20	hsa-miR-376c-3p	Endogenous 1	932	20	20	20	33	45	234	1389
MIMAT00228 61	hsa-miR-376c-5p	Endogenous 1	22	31	20	20	21	23	20	20
MIMAT00007 30	hsa-miR-377-3p	Endogenous 1	284	25	25	21	20	29	302	2101

MIMAT00149 99	hsa-miR-378b	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00168 47	hsa-miR-378c	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00189 26	hsa-miR-378d	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00189 27	hsa-miR-378e	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00189 32	hsa-miR-378f	Endogenous 1	38	36	32	54	81	49	27	20
MIMAT00189 37	hsa-miR-378g	Endogenous 1	1037	65	88	31	66	34	84	20
MIMAT00189 84	hsa-miR-378h	Endogenous 1	46	65	68	67	45	73	34	38
MIMAT00190 74	hsa-miR-378i	Endogenous 1	1913	168	75	58	117	44	120	30
MIMAT00007 33	hsa-miR-379-5p	Endogenous 1	612	22	20	20	31	60	67	202
MIMAT00007 35	hsa-miR-380-3p	Endogenous 1	20	20	20	20	28	24	20	20
MIMAT00007 36	hsa-miR-381-3p	Endogenous 1	250	20	20	20	23	29	95	305
MIMAT00228 62	hsa-miR-381-5p	Endogenous 1	44	37	20	20	33	20	20	23
MIMAT00226 97	hsa-miR-382-3p	Endogenous 1	27	36	28	25	24	20	20	20
MIMAT00007 37	hsa-miR-382-5p	Endogenous 1	1351	20	24	22	37	66	134	167
MIMAT00007 38	hsa-miR-383-5p	Endogenous 1	20	31	44	20	20	20	20	20

MIMAT00010 75	hsa-miR-384	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00181 90	hsa-miR-3916	Endogenous 1	20	30	20	27	24	22	22	20
MIMAT00181 92	hsa-miR-3918	Endogenous 1	20	32	35	20	22	31	20	20
MIMAT00182 05	hsa-miR-3928-3p	Endogenous 1	20	20	20	25	21	22	20	20
MIMAT00183 49	hsa-miR-3934-5p	Endogenous 1	20	24	34	30	36	42	27	20
MIMAT00016 39	hsa-miR-409-3p	Endogenous 1	436	20	20	20	23	38	77	206
MIMAT00016 38	hsa-miR-409-5p	Endogenous 1	104	24	20	20	25	32	61	88
MIMAT00021 71	hsa-miR-410-3p	Endogenous 1	119	34	20	27	24	23	44	38
MIMAT00033 29	hsa-miR-411-5p	Endogenous 1	695	61	37	47	53	77	132	291
MIMAT00021 70	hsa-miR-412-3p	Endogenous 1	36	36	21	28	36	34	21	20
MIMAT00033 39	hsa-miR-421	Endogenous 1	57	86	73	308	558	437	1711	100
MIMAT00013 39	hsa-miR-422a	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00013 40	hsa-miR-423-3p	Endogenous 1	64	20	72	233	232	306	421	85
MIMAT00047 48	hsa-miR-423-5p	Endogenous 1	168	64	103	347	486	472	547	210
MIMAT00013 41	hsa-miR-424-5p	Endogenous 1	26	20	26	27	25	101	114	466

MIMAT00033 93	hsa-miR-425-5p	Endogenous 1	232	24	85	340	135	173	508	118
MIMAT00169 15	hsa-miR-4284	Endogenous 1	31	29	35	76	55	122	53	130
MIMAT00169 16	hsa-miR-4286	Endogenous 1	45	49	404	246	364	232	302	406
MIMAT00015 36	hsa-miR-429	Endogenous 1	20	20	20	20	20	20	20	51
MIMAT00016 25	hsa-miR-431-5p	Endogenous 1	354	20	20	20	23	24	56	54
MIMAT00028 14	hsa-miR-432-5p	Endogenous 1	164	25	20	20	21	24	36	31
MIMAT00016 27	hsa-miR-433-3p	Endogenous 1	167	28	25	24	39	43	46	20
MIMAT00265 54	hsa-miR-433-5p	Endogenous 1	20	20	26	23	29	21	20	20
MIMAT00189 34	hsa-miR-4421	Endogenous 1	20	36	29	20	40	28	20	20
MIMAT00189 40	hsa-miR-4425	Endogenous 1	20	34	20	20	21	21	29	20
MIMAT00189 47	hsa-miR-4431	Endogenous 1	20	26	20	20	20	20	20	20
MIMAT00189 51	hsa-miR-4435	Endogenous 1	20	20	20	20	24	21	20	23
MIMAT00189 61	hsa-miR-4443	Endogenous 1	380	435	146	316	333	438	761	428
MIMAT00189 67	hsa-miR-4448	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00189 73	hsa-miR-4451	Endogenous 1	26	33	20	24	22	29	20	20

MIMAT00189 76	hsa-miR-4454+hsa-miR-7975	Endogenous 1	4371	635 5	10006 5	7216	14649	4730	23255	59920 1
MIMAT00189 77	hsa-miR-4455	Endogenous 1	148	280	56	184	418	169	69	85
MIMAT00189 80	hsa-miR-4458	Endogenous 1	20	25	21	20	21	20	20	34
MIMAT00189 83	hsa-miR-4461	Endogenous 1	31	37	35	30	48	45	20	20
MIMAT00015 32	hsa-miR-448	Endogenous 1	28	27	24	20	40	36	27	20
MIMAT00190 19	hsa-miR-4485-3p	Endogenous 1	70	33	31	91	54	113	117	25
MIMAT00190 22	hsa-miR-4488	Endogenous 1	28	115	48	26	56	25	394	70
MIMAT00015 41	hsa-miR-449a	Endogenous 1	20	23	20	20	20	28	121	20
MIMAT00033 27	hsa-miR-449b-5p	Endogenous 1	20	20	25	20	26	20	26	20
MIMAT00102 51	hsa-miR-449c-5p	Endogenous 1	27	23	20	20	21	20	20	20
MIMAT00227 00	hsa-miR-450a-1-3p	Endogenous 1	23	31	31	22	25	30	20	25
MIMAT00310 74	hsa-miR-450a-2-3p	Endogenous 1	27	36	34	20	47	36	22	22
MIMAT00015 45	hsa-miR-450a-5p	Endogenous 1	30	39	20	27	54	107	182	294
MIMAT00049 10	hsa-miR-450b-3p	Endogenous 1	21	20	20	24	20	20	23	20
MIMAT00049 09	hsa-miR-450b-5p	Endogenous 1	23	22	22	20	40	37	23	20

MIMAT00190 53	hsa-miR-4516	Endogenous 1	25	37	20	20	50	24	40	37
MIMAT00016 31	hsa-miR-451a	Endogenous 1	20	26	22	20	22	31	20	20
MIMAT00016 35	hsa-miR-452-5p	Endogenous 1	20	20	20	20	20	20	29	20
MIMAT00190 58	hsa-miR-4521	Endogenous 1	20	28	35	20	35	20	21	113
MIMAT00190 62	hsa-miR-4524a-5p	Endogenous 1	20	20	24	20	28	20	20	20
MIMAT00190 70	hsa-miR-4531	Endogenous 1	43	42	20	44	89	47	26	38
MIMAT00190 71	hsa-miR-4532	Endogenous 1	20	29	22	20	40	21	57	51
MIMAT00209 59	hsa-miR-4536-3p	Endogenous 1	20	29	20	20	29	27	22	20
MIMAT00190 78	hsa-miR-4536-5p	Endogenous 1	44	31	28	33	46	34	20	20
MIMAT00038 85	hsa-miR-454-3p	Endogenous 1	108	30	37	211	179	319	1037	39
MIMAT00047 84	hsa-miR-455-3p	Endogenous 1	20	20	22	28	25	20	122	22
MIMAT00031 50	hsa-miR-455-5p	Endogenous 1	20	20	158	20	24	22	169	393
MIMAT00197 09	hsa-miR-4647	Endogenous 1	24	35	20	26	31	30	20	20
MIMAT00198 08	hsa-miR-4707-3p	Endogenous 1	25	27	20	20	36	22	20	20
MIMAT00198 07	hsa-miR-4707-5p	Endogenous 1	33	40	33	27	41	37	27	30

MIMAT0002805	hsa-miR-489-3p	Endogenous 1	20	20	20	20	21	27	23	20
MIMAT0002806	hsa-miR-490-3p	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT0004764	hsa-miR-490-5p	Endogenous 1	20	32	20	20	22	20	20	20
MIMAT0004765	hsa-miR-491-3p	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT0002807	hsa-miR-491-5p	Endogenous 1	20	29	34	28	21	33	110	43
MIMAT0002812	hsa-miR-492	Endogenous 1	20	21	20	20	20	20	20	27
MIMAT0003161	hsa-miR-493-3p	Endogenous 1	67	23	44	20	20	20	20	335
MIMAT0002816	hsa-miR-494-3p	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT0026607	hsa-miR-494-5p	Endogenous 1	20	22	20	20	20	20	26	20
MIMAT0002817	hsa-miR-495-3p	Endogenous 1	777	22	28	25	26	52	141	131
MIMAT0022924	hsa-miR-495-5p	Endogenous 1	59	33	27	26	43	25	28	27
MIMAT0002818	hsa-miR-496	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT0002820	hsa-miR-497-5p	Endogenous 1	29	26	87	579	39	184	56	549
MIMAT0002824	hsa-miR-498	Endogenous 1	33	50	43	43	60	42	30	24
MIMAT0004772	hsa-miR-499a-3p	Endogenous 1	32	26	20	60	124	62	20	20

MIMAT00028 76	hsa-miR-505-3p	Endogenous 1	20	20	28	56	20	36	109	31
MIMAT00028 78	hsa-miR-506-3p	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00227 01	hsa-miR-506-5p	Endogenous 1	20	45	32	30	32	30	22	20
MIMAT00028 79	hsa-miR-507	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00028 80	hsa-miR-508-3p	Endogenous 1	29	41	23	49	116	51	20	20
MIMAT00047 78	hsa-miR-508-5p	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00049 75	hsa-miR-509-3-5p	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00028 81	hsa-miR-509-3p	Endogenous 1	20	20	20	21	20	31	20	20
MIMAT00047 79	hsa-miR-509-5p	Endogenous 1	20	25	20	21	25	20	21	20
MIMAT00266 13	hsa-miR-510-3p	Endogenous 1	34	25	20	20	39	30	22	25
MIMAT00028 82	hsa-miR-510-5p	Endogenous 1	20	25	20	22	26	21	20	20
MIMAT00028 08	hsa-miR-511-5p	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00028 23	hsa-miR-512-3p	Endogenous 1	20	20	20	20	20	20	42	20
MIMAT00028 22	hsa-miR-512-5p	Endogenous 1	20	31	21	20	20	25	20	20
MIMAT00047 77	hsa-miR-513a-3p	Endogenous 1	20	100	20	20	36	33	25	46

MIMAT00028 66	hsa-miR-517c-3p+hsa-miR-519a-3p	Endogenous 1	22	20	20	20	36	27	20	20
MIMAT00028 44	hsa-miR-518b	Endogenous 1	22	20	20	20	25	20	20	29
MIMAT00028 48	hsa-miR-518c-3p	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00028 64	hsa-miR-518d-3p	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00028 61	hsa-miR-518e-3p	Endogenous 1	20	30	20	20	37	29	20	20
MIMAT00028 42	hsa-miR-518f-3p	Endogenous 1	20	20	22	20	30	23	20	20
MIMAT00211 29	hsa-miR-5196-3p+hsa-miR-6732-3p	Endogenous 1	42	22	21	42	30	48	20	20
MIMAT00211 28	hsa-miR-5196-5p	Endogenous 1	20	29	20	22	34	21	20	20
MIMAT00028 37	hsa-miR-519b-3p	Endogenous 1	20	25	20	20	28	20	20	20
MIMAT00054 54	hsa-miR-519b-5p+hsa-miR-519c-5p+hsa-miR-523-5p+hsa-miR-518e-5p+hsa-miR-522-5p+hsa-miR-519a-5p	Endogenous 1	20	30	20	20	37	31	20	23
MIMAT00028 32	hsa-miR-519c-3p	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00028 53	hsa-miR-519d-3p	Endogenous 1	20	20	20	26	22	20	20	20
MIMAT00028 29	hsa-miR-519e-3p	Endogenous 1	20	30	20	20	22	20	20	34
MIMAT00028 34	hsa-miR-520a-3p	Endogenous 1	20	21	20	20	22	20	23	20

MIMAT00028 33	hsa-miR-520a-5p	Endogenous 1	20	20	20	20	22	23	20	20
MIMAT00028 43	hsa-miR-520b	Endogenous 1	20	20	20	20	23	21	24	20
MIMAT00028 46	hsa-miR-520c-3p	Endogenous 1	20	20	20	20	25	20	20	20
MIMAT00028 56	hsa-miR-520d-3p	Endogenous 1	27	20	20	23	76	29	20	20
MIMAT00028 55	hsa-miR-520d-5p+hsa-miR-527+hsa-miR-518a-5p	Endogenous 1	23	41	25	39	49	51	33	20
MIMAT00028 25	hsa-miR-520e	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00028 30	hsa-miR-520f-3p	Endogenous 1	26	37	25	34	58	26	23	39
MIMAT00028 58	hsa-miR-520g-3p	Endogenous 1	27	20	20	20	20	20	20	20
MIMAT00028 67	hsa-miR-520h	Endogenous 1	55	38	21	26	32	33	25	20
MIMAT00028 54	hsa-miR-521	Endogenous 1	20	20	22	20	29	31	21	20
MIMAT00028 68	hsa-miR-522-3p	Endogenous 1	21	20	23	31	59	27	22	20
MIMAT00028 40	hsa-miR-523-3p	Endogenous 1	21	42	27	20	22	25	20	27
MIMAT00028 50	hsa-miR-524-3p	Endogenous 1	20	31	30	20	25	20	20	38
MIMAT00028 39	hsa-miR-525-3p	Endogenous 1	20	34	20	20	50	20	20	20
MIMAT00028 38	hsa-miR-525-5p	Endogenous 1	36	51	40	69	46	75	24	20

MIMAT00028 45	hsa-miR-526a+hsa-miR-518c-5p+hsa-miR-518d-5p	Endogenous 1	24	30	30	26	35	29	20	33
MIMAT00028 35	hsa-miR-526b-5p	Endogenous 1	20	37	20	21	48	34	23	20
MIMAT00047 80	hsa-miR-532-3p	Endogenous 1	23	29	31	51	69	68	57	20
MIMAT00028 88	hsa-miR-532-5p	Endogenous 1	43	38	61	239	157	216	194	65
MIMAT00227 05	hsa-miR-539-3p	Endogenous 1	20	24	20	20	23	20	20	21
MIMAT00031 63	hsa-miR-539-5p	Endogenous 1	73	32	63	20	28	20	35	405
MIMAT00049 20	hsa-miR-541-3p	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00033 89	hsa-miR-542-3p	Endogenous 1	22	26	23	21	52	28	35	48
MIMAT00033 40	hsa-miR-542-5p	Endogenous 1	26	25	20	24	55	39	23	20
MIMAT00049 54	hsa-miR-543	Endogenous 1	1548	34	31	36	61	105	219	179
MIMAT00031 64	hsa-miR-544a	Endogenous 1	20	20	20	20	20	20	24	20
MIMAT00031 65	hsa-miR-545-3p	Endogenous 1	20	33	130	23	23	20	161	44
MIMAT00032 51	hsa-miR-548a-3p	Endogenous 1	20	31	54	25	36	22	63	29
MIMAT00048 03	hsa-miR-548a-5p	Endogenous 1	20	21	20	20	20	22	20	20
MIMAT00184 47	hsa-miR-548aa+hsa-miR-548t-3p	Endogenous 1	20	44	20	196	967	50	20	20

MIMAT00189 46	hsa-miR-548ad-3p	Endogenous 1	41	52	32	34	35	48	20	20
MIMAT00189 72	hsa-miR-548ah-5p	Endogenous 1	44	60	47	72	105	74	28	32
MIMAT00189 89	hsa-miR-548ai+hsa-miR-570-5p	Endogenous 1	31	25	20	20	39	26	20	20
MIMAT00190 13	hsa-miR-548ak	Endogenous 1	20	28	20	20	43	26	20	20
MIMAT00190 24	hsa-miR-548al	Endogenous 1	21	20	23	23	29	28	20	20
MIMAT00222 66	hsa-miR-548ar-3p	Endogenous 1	31	56	31	36	43	45	29	22
MIMAT00222 65	hsa-miR-548ar-5p	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00032 54	hsa-miR-548b-3p	Endogenous 1	20	20	79	71	64	112	137	131
MIMAT00048 06	hsa-miR-548c-5p+hsa-miR-548o-5p+hsa-miR-548am-5p	Endogenous 1	20	22	20	20	20	20	20	20
MIMAT00033 23	hsa-miR-548d-3p	Endogenous 1	20	32	25	32	51	52	38	20
MIMAT00048 12	hsa-miR-548d-5p	Endogenous 1	31	37	130	21	29	36	45	37
MIMAT00058 74	hsa-miR-548e-3p	Endogenous 1	20	22	20	20	20	20	20	20
MIMAT00267 36	hsa-miR-548e-5p	Endogenous 1	33	46	46	58	60	42	47	26
MIMAT00059 12	hsa-miR-548g-3p	Endogenous 1	24	20	34	26	59	31	28	20
MIMAT00059 28	hsa-miR-548h-5p	Endogenous 1	20	21	20	20	20	26	143	20

MIMAT00059 35	hsa-miR-548i	Endogenous 1	22	20	20	20	28	35	30	20
MIMAT00267 37	hsa-miR-548j-3p	Endogenous 1	38	39	38	36	100	30	20	29
MIMAT00058 75	hsa-miR-548j-5p	Endogenous 1	24	32	20	21	38	22	20	20
MIMAT00058 82	hsa-miR-548k	Endogenous 1	34	41	20	22	36	35	29	29
MIMAT00058 89	hsa-miR-548l	Endogenous 1	25	44	21	27	41	36	24	24
MIMAT00059 17	hsa-miR-548m	Endogenous 1	37	34	25	20	39	22	22	20
MIMAT00059 16	hsa-miR-548n	Endogenous 1	51	38	45	97	141	83	20	39
MIMAT00059 19	hsa-miR-548o-3p+hsa-miR-548ah-3p+hsa-miR-548av-3p	Endogenous 1	20	28	22	20	20	23	20	20
MIMAT00111 63	hsa-miR-548q	Endogenous 1	61	54	32	40	78	30	51	20
MIMAT00150 20	hsa-miR-548v	Endogenous 1	34	44	21	39	69	41	26	25
MIMAT00183 54	hsa-miR-548y	Endogenous 1	32	38	28	32	48	47	90	23
MIMAT00184 46	hsa-miR-548z+hsa-miR-548h-3p	Endogenous 1	41	41	31	49	153	57	20	20
MIMAT00033 33	hsa-miR-549a	Endogenous 1	33	38	27	41	58	34	23	20
MIMAT00048 00	hsa-miR-550a-5p	Endogenous 1	20	25	20	28	23	20	20	20
MIMAT00032 14	hsa-miR-551a	Endogenous 1	64	82	90	28	54	50	162	129

MIMAT00032 33	hsa-miR-551b-3p	Endogenous 1	34	60	311	282	63	69	3216	81
MIMAT00032 15	hsa-miR-552-3p	Endogenous 1	20	45	23	32	51	27	21	20
MIMAT00032 16	hsa-miR-553	Endogenous 1	21	37	25	24	30	25	20	20
MIMAT00032 17	hsa-miR-554	Endogenous 1	22	26	20	20	24	20	20	20
MIMAT00032 19	hsa-miR-555	Endogenous 1	21	20	20	28	27	23	20	20
MIMAT00047 93	hsa-miR-556-3p	Endogenous 1	20	27	28	28	29	20	20	24
MIMAT00032 20	hsa-miR-556-5p	Endogenous 1	29	28	28	30	39	31	20	20
MIMAT00032 25	hsa-miR-561-3p	Endogenous 1	20	31	20	20	20	20	20	20
MIMAT00227 06	hsa-miR-561-5p	Endogenous 1	21	20	20	20	38	25	42	20
MIMAT00032 26	hsa-miR-562	Endogenous 1	20	33	20	20	22	20	20	20
MIMAT00032 27	hsa-miR-563	Endogenous 1	20	30	27	20	34	39	28	21
MIMAT00032 28	hsa-miR-564	Endogenous 1	20	20	20	20	27	20	20	20
MIMAT00032 30	hsa-miR-566	Endogenous 1	22	35	20	26	38	42	20	20
MIMAT00032 31	hsa-miR-567	Endogenous 1	20	29	27	20	28	21	20	29
MIMAT00032 32	hsa-miR-568	Endogenous 1	20	35	24	20	30	23	20	20

MIMAT00032 35	hsa-miR-570-3p	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00032 36	hsa-miR-571	Endogenous 1	20	20	20	20	23	26	20	20
MIMAT00032 37	hsa-miR-572	Endogenous 1	23	27	20	23	30	33	20	20
MIMAT00032 38	hsa-miR-573	Endogenous 1	23	30	20	20	35	28	20	20
MIMAT00032 39	hsa-miR-574-3p	Endogenous 1	41	38	145	213	52	40	240	91
MIMAT00047 95	hsa-miR-574-5p	Endogenous 1	53	110	60	164	161	102	87	57
MIMAT00032 40	hsa-miR-575	Endogenous 1	37	54	30	37	100	55	49	77
MIMAT00047 96	hsa-miR-576-3p	Endogenous 1	20	20	20	70	33	33	20	20
MIMAT00032 41	hsa-miR-576-5p	Endogenous 1	20	31	79	20	27	21	20	23
MIMAT00032 42	hsa-miR-577	Endogenous 1	20	20	20	28	23	44	61	20
MIMAT00032 43	hsa-miR-578	Endogenous 1	20	38	20	20	21	20	25	35
MIMAT00032 44	hsa-miR-579-3p	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00266 16	hsa-miR-579-5p	Endogenous 1	20	20	20	20	24	35	20	20
MIMAT00032 45	hsa-miR-580-3p	Endogenous 1	20	39	20	20	20	20	20	20
MIMAT00047 97	hsa-miR-582-3p	Endogenous 1	63	41	31	113	393	103	34	20

MIMAT00032 47	hsa-miR-582-5p	Endogenous 1	20	30	22	20	172	36	297	61
MIMAT00227 08	hsa-miR-584-3p	Endogenous 1	36	39	29	34	43	42	23	23
MIMAT00032 49	hsa-miR-584-5p	Endogenous 1	31	43	27	23	51	34	26	24
MIMAT00032 50	hsa-miR-585-3p	Endogenous 1	32	39	28	23	60	36	30	22
MIMAT00032 53	hsa-miR-587	Endogenous 1	20	21	20	20	32	20	20	20
MIMAT00047 99	hsa-miR-589-5p	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00048 01	hsa-miR-590-3p	Endogenous 1	27	42	24	34	32	28	20	20
MIMAT00032 58	hsa-miR-590-5p	Endogenous 1	103	21	324	220	285	233	791	212
MIMAT00032 59	hsa-miR-591	Endogenous 1	20	20	20	25	29	22	20	20
MIMAT00032 60	hsa-miR-592	Endogenous 1	20	22	20	32	36	23	748	26
MIMAT00048 02	hsa-miR-593-3p	Endogenous 1	31	42	30	78	108	70	60	41
MIMAT00032 63	hsa-miR-595	Endogenous 1	21	24	24	20	29	25	20	21
MIMAT00032 64	hsa-miR-596	Endogenous 1	20	46	39	20	33	20	30	21
MIMAT00032 65	hsa-miR-597-5p	Endogenous 1	24	27	92	46	51	50	133	43
MIMAT00032 66	hsa-miR-598-3p	Endogenous 1	117	50	48	138	291	48	1331	155

MIMAT00032 67	hsa-miR-599	Endogenous 1	26	20	20	20	20	20	21	20
MIMAT00032 68	hsa-miR-600	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00032 69	hsa-miR-601	Endogenous 1	20	56	20	20	22	24	29	24
MIMAT00032 71	hsa-miR-603	Endogenous 1	20	20	20	20	126	20	20	20
MIMAT00032 72	hsa-miR-604	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00032 73	hsa-miR-605-5p	Endogenous 1	20	32	26	20	28	30	20	20
MIMAT00032 74	hsa-miR-606	Endogenous 1	26	40	20	20	20	20	20	20
MIMAT00032 75	hsa-miR-607	Endogenous 1	20	30	29	25	26	47	28	20
MIMAT00032 76	hsa-miR-608	Endogenous 1	34	20	25	20	29	26	21	20
MIMAT00032 78	hsa-miR-610	Endogenous 1	20	29	32	20	35	20	20	45
MIMAT00032 80	hsa-miR-612	Endogenous 1	55	76	72	41	68	59	45	38
MIMAT00032 81	hsa-miR-613	Endogenous 1	28	33	22	24	41	21	23	20
MIMAT00032 82	hsa-miR-614	Endogenous 1	20	41	20	26	35	24	21	20
MIMAT00032 83	hsa-miR-615-3p	Endogenous 1	26	30	38	25	53	34	20	26
MIMAT00048 04	hsa-miR-615-5p	Endogenous 1	20	36	26	20	28	23	20	24

MIMAT0004805	hsa-miR-616-3p	Endogenous 1	20	20	20	25	25	24	20	20
MIMAT0003286	hsa-miR-617	Endogenous 1	25	28	20	20	36	20	20	30
MIMAT0003288	hsa-miR-619-3p	Endogenous 1	25	31	25	20	26	20	20	20
MIMAT0003289	hsa-miR-620	Endogenous 1	20	25	27	24	23	20	20	20
MIMAT0004807	hsa-miR-624-3p	Endogenous 1	20	32	20	20	20	21	34	20
MIMAT0003294	hsa-miR-625-5p	Endogenous 1	28	71	33	57	55	79	90	25
MIMAT0003295	hsa-miR-626	Endogenous 1	25	20	22	25	25	39	24	29
MIMAT0026623	hsa-miR-627-3p	Endogenous 1	36	38	27	34	44	44	23	20
MIMAT0003296	hsa-miR-627-5p	Endogenous 1	20	20	20	20	322	20	20	20
MIMAT0003297	hsa-miR-628-3p	Endogenous 1	20	30	20	25	27	26	43	34
MIMAT0004809	hsa-miR-628-5p	Endogenous 1	32	33	20	36	71	67	185	20
MIMAT0004810	hsa-miR-629-5p	Endogenous 1	32	38	20	20	29	22	35	20
MIMAT0003299	hsa-miR-630	Endogenous 1	37	78	20	55	52	35	28	376
MIMAT0003300	hsa-miR-631	Endogenous 1	20	26	20	20	30	20	20	20
MIMAT0003307	hsa-miR-637	Endogenous 1	21	22	20	20	27	20	20	20

MIMAT0003308	hsa-miR-638	Endogenous 1	27	31	22	29	32	25	20	20
MIMAT0003309	hsa-miR-639	Endogenous 1	20	34	22	25	37	24	67	20
MIMAT0003310	hsa-miR-640	Endogenous 1	20	20	21	20	30	21	20	20
MIMAT0003311	hsa-miR-641	Endogenous 1	25	37	23	24	44	21	20	20
MIMAT0020924	hsa-miR-642a-3p	Endogenous 1	31	44	36	24	113	27	35	24
MIMAT0003312	hsa-miR-642a-5p	Endogenous 1	84	45	23	24	51	43	27	20
MIMAT0003313	hsa-miR-643	Endogenous 1	20	20	20	22	31	20	20	20
MIMAT0003314	hsa-miR-644a	Endogenous 1	62	42	29	60	141	56	23	25
MIMAT0003318	hsa-miR-648	Endogenous 1	29	66	31	41	50	33	30	20
MIMAT0003319	hsa-miR-649	Endogenous 1	24	35	20	27	28	24	20	20
MIMAT0003320	hsa-miR-650	Endogenous 1	20	30	20	20	26	20	20	20
MIMAT0025463	hsa-miR-6503-3p	Endogenous 1	20	29	20	20	28	20	20	20
MIMAT0025462	hsa-miR-6503-5p	Endogenous 1	28	32	29	37	29	30	29	33
MIMAT0026624	hsa-miR-651-3p	Endogenous 1	20	28	20	20	28	20	20	20
MIMAT0003321	hsa-miR-651-5p	Endogenous 1	30	35	34	20	84	31	63	20

MIMAT00049 52	hsa-miR-665	Endogenous 1	24	20	20	20	23	22	20	20
MIMAT00048 19	hsa-miR-671-3p	Endogenous 1	20	23	31	20	34	22	20	56
MIMAT00038 80	hsa-miR-671-5p	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00258 51	hsa-miR-6720-3p	Endogenous 1	20	20	20	20	21	20	20	20
MIMAT00258 52	hsa-miR-6721-5p	Endogenous 1	101	115	57	79	76	68	70	28
MIMAT00258 56	hsa-miR-6724-5p	Endogenous 1	28	177	28	38	62	23	36	20
MIMAT00042 84	hsa-miR-675-5p	Endogenous 1	20	20	20	20	21	20	20	20
MIMAT00002 52	hsa-miR-7-5p	Endogenous 1	66	25	41	43	32	343	743	20
MIMAT00049 26	hsa-miR-708-5p	Endogenous 1	20	29	21	21	20	20	1780	60
MIMAT00049 45	hsa-miR-744-5p	Endogenous 1	25	35	33	37	49	51	42	20
MIMAT00038 79	hsa-miR-758-3p+hsa-miR-411-3p	Endogenous 1	76	20	20	28	31	45	81	222
MIMAT00229 29	hsa-miR-758-5p	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00049 57	hsa-miR-760	Endogenous 1	20	32	24	22	26	20	24	20
MIMAT00103 64	hsa-miR-761	Endogenous 1	32	43	23	20	23	20	22	20
MIMAT00103 67	hsa-miR-764	Endogenous 1	20	29	33	36	55	33	22	26

MIMAT00039 45	hsa-miR-765	Endogenous 1	20	32	21	22	26	30	20	20
MIMAT00038 88	hsa-miR-766-3p	Endogenous 1	20	37	47	28	37	45	111	20
MIMAT00227 14	hsa-miR-766-5p	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00038 83	hsa-miR-767-3p	Endogenous 1	20	20	20	20	27	20	20	31
MIMAT00038 82	hsa-miR-767-5p	Endogenous 1	20	30	21	20	35	22	42	20
MIMAT00038 87	hsa-miR-769-3p	Endogenous 1	25	21	20	40	40	44	57	20
MIMAT00038 86	hsa-miR-769-5p	Endogenous 1	155	115	408	487	165	282	787	335
MIMAT00039 48	hsa-miR-770-5p	Endogenous 1	35	31	26	33	40	44	22	20
MIMAT00041 85	hsa-miR-802	Endogenous 1	25	32	31	22	36	28	27	29
MIMAT00227 17	hsa-miR-873-3p	Endogenous 1	103	134	60	97	62	64	86	71
MIMAT00049 53	hsa-miR-873-5p	Endogenous 1	20	39	20	20	31	22	128	21
MIMAT00049 11	hsa-miR-874-3p	Endogenous 1	20	26	25	20	34	24	21	20
MIMAT00267 18	hsa-miR-874-5p	Endogenous 1	22	26	36	21	40	20	33	122
MIMAT00049 23	hsa-miR-875-3p	Endogenous 1	29	30	29	21	21	23	20	26
MIMAT00049 25	hsa-miR-876-3p	Endogenous 1	20	36	20	20	32	20	37	20

MIMAT00049 24	hsa-miR-876-5p	Endogenous 1	20	20	20	20	32	27	54	20
MIMAT00049 49	hsa-miR-877-5p	Endogenous 1	20	20	20	33	38	21	37	20
MIMAT00049 48	hsa-miR-885-3p	Endogenous 1	20	20	20	20	20	20	20	20
MIMAT00049 47	hsa-miR-885-5p	Endogenous 1	27	26	20	304	32	20	179	21
MIMAT00049 51	hsa-miR-887-3p	Endogenous 1	20	26	20	20	33	20	24	27
MIMAT00267 20	hsa-miR-887-5p	Endogenous 1	48	49	30	38	55	50	44	24
MIMAT00049 16	hsa-miR-888-5p	Endogenous 1	39	38	33	57	86	75	36	31
MIMAT00049 21	hsa-miR-889-3p	Endogenous 1	228	20	20	20	29	20	63	88
MIMAT00049 12	hsa-miR-890	Endogenous 1	20	30	20	22	26	28	20	30
MIMAT00049 02	hsa-miR-891a-5p	Endogenous 1	28	35	26	20	43	33	29	42
MIMAT00049 13	hsa-miR-891b	Endogenous 1	35	20	33	20	33	28	20	43
MIMAT00049 07	hsa-miR-892a	Endogenous 1	24	37	45	23	28	31	22	24
MIMAT00049 18	hsa-miR-892b	Endogenous 1	20	25	20	20	22	29	20	20
MIMAT00004 41	hsa-miR-9-5p	Endogenous 1	80	35	800	1304 3	720	1456 6	21050 0	7698
MIMAT00049 72	hsa-miR-922	Endogenous 1	27	49	29	31	39	31	28	24

MIMAT00049 74	hsa-miR-924	Endogenous 1	20	30	20	20	25	20	20	20
MIMAT00045 07	hsa-miR-92a-1-5p	Endogenous 1	33	32	23	21	41	49	42	20
MIMAT00000 92	hsa-miR-92a-3p	Endogenous 1	140	49	64	372	609	710	786	57
MIMAT00032 18	hsa-miR-92b-3p	Endogenous 1	29	20	43	134	161	164	1030	165
MIMAT00000 93	hsa-miR-93-5p	Endogenous 1	1640	228	3792	9344	5883	1151 5	18925	1401
MIMAT00049 76	hsa-miR-933	Endogenous 1	27	36	23	23	44	27	27	20
MIMAT00049 77	hsa-miR-934	Endogenous 1	20	31	20	20	33	23	20	20
MIMAT00049 78	hsa-miR-935	Endogenous 1	20	28	26	20	20	20	20	20
MIMAT00049 79	hsa-miR-936	Endogenous 1	22	42	23	20	30	29	20	20
MIMAT00049 80	hsa-miR-937-3p	Endogenous 1	28	28	32	32	37	25	22	20
MIMAT00049 82	hsa-miR-939-5p	Endogenous 1	35	58	48	43	61	46	34	25
MIMAT00049 83	hsa-miR-940	Endogenous 1	32	22	65	51	91	56	176	46
MIMAT00049 84	hsa-miR-941	Endogenous 1	20	20	20	31	43	42	45	20
MIMAT00267 34	hsa-miR-942-3p	Endogenous 1	20	31	24	20	29	20	20	20
MIMAT00049 85	hsa-miR-942-5p	Endogenous 1	22	25	20	22	40	37	21	20

MIMAT0004987	hsa-miR-944	Endogenous 1	58	34	34	20	42	24	23	25
MIMAT0000094	hsa-miR-95-3p	Endogenous 1	31	39	37	130	81	92	357	31
MIMAT0000095	hsa-miR-96-5p	Endogenous 1	31	22	132	340	285	35	29	20
MIMAT0022842	hsa-miR-98-3p	Endogenous 1	26	29	20	21	35	21	20	31
MIMAT0000096	hsa-miR-98-5p	Endogenous 1	604	174	194	1770	78	1185	174	100
MIMAT0000097	hsa-miR-99a-5p	Endogenous 1	7523	20	1348	8039	5369	6340	4645	2278
MIMAT0000089	hsa-miR-99b-5p	Endogenous 1	2593	29	600	3165	4819	4117	6001	57
NM_001101.2	ACTB	Housekeeping	3776	24	1216	3694	10008	4313	1664	293
NM_004048.2	B2M	Housekeeping	1952	20	306	2159	979	2256	72	345
NM_002046.3	GAPDH	Housekeeping	16916	51	2319	14065	8863	8386	2811	1030
NM_000981.3	RPL19	Housekeeping	8243	607	1426	5081	8291	5439	1756	513
NM_001002.3	RPLP0	Housekeeping	10642	68	2522	7104	11886	7527	2700	774
nmiR00810.1	LIG_NEG_A	Ligation	20	21	23	20	23	20	20	25
nmiR00828.1	LIG_NEG_B	Ligation	20	20	20	20	20	20	20	20
nmiR00803.1	LIG_NEG_C	Ligation	21	20	20	20	30	20	20	20
nmiR00813.1	LIG_POS_A	Ligation	24916	1428	17747	22326	26169	21332	18434	14387

nmiR00809.1	LIG_POS_B	Ligation	7944	300	5487	6587	8662	6324	5268	3564
nmiR00811.1	LIG_POS_C	Ligation	1244	537	924	1096	1025	1082	883	769