

MicroRNA expression profiles of the cuttlefish (*Sepiella japonica*) during embryonic development

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Supplementary material

Table S1.

The overall classes composition.

sample	total unique tags	rRNA	snRNA	snoRNA	tRNA	known mirna	novel mirna	transcriptome	unann	unique miRNA num
SSJ1-1	1016673	45656	449	60	10022	6659	80	85970	867777	602
SSJ1-2	1122469	36600	282	34	6687	5408	114	87106	986238	462
SSJ2-1	648163	26450	195	31	6267	6361	223	96180	512456	290
SSJ2-2	864869	28248	218	21	7661	6231	161	82651	739678	439
SSJ3-1	865323	30843	192	26	7766	6121	172	115720	704483	325
SSJ3-2	770212	32142	249	44	10108	8103	183	90529	628854	496

Table S2.
The expression level of all miRNAs.

id	length	seq	total	SJ1- 1_count	SJ1- 2_count	SJ2- 1_count	SJ2- 2_count	SJ3- 1_count	SJ3- 2_count	SJ1-1_TPM	SJ1-2_TPM	SJ2-1_TPM	SJ2-2_TPM	SJ3-1_TPM	SJ3-2_TPM
miR-2-y	24	TATCACAGCTAGCTTTGATGAGCT	3505631	183839	112433	690632	291914	348790	405219	574584.8583	357935.7878	331947.6387	296703.3861	174999.1847	242792.5102
miR-184-y	22	TGGACGGAGAAGCTGATAAGGGC	3271385	11866	23295	366290	198649	556596	323745	37086.9289	74160.7373	176054.8318	201908.2022	279262.1526	193976.248
miR-1-y	22	TGGAATGTAAAGAAGTATGTT	2374435	6595	25034	106486	157030	530663	367750	20612.5313	79696.9263	51181.7817	159606.366	266250.7306	220342.446
bantam-y	23	TGAGATCATTGTGAAAACCTGGTT	1315821	22820	31370	301512	82825	141424	156412	71323.4214	99867.8828	144919.7206	84183.8965	70956.979	93716.3907
miR-71-x	23	TGAAAGACACGGGTAGTGAGATG	379622	21285	23734	89672	20856	36191	50475	66525.8118	75558.3146	43100.2454	21198.181	18158.1912	30242.7871
let-7-x	22	TGAGGTAGTAGGTTGTATAGTT	299782	771	4381	49194	26763	48435	52864	2409.744	13947.1213	23644.7662	27202.0962	24301.4006	31674.1892
miR-133-x	22	AGCTGGTTGAAATCGGGCCAAA	247770	1111	1220	18858	12635	45059	15845	3472.4067	3883.9279	9063.9712	12842.3004	22607.5526	9493.7486
miR-1-z	21	TGGAATGTAAAGAAGTATGTT	228556	387	4562	24503	13694	52300	36685	1209.5602	14523.3434	11777.2026	13918.6753	26240.5957	21980.3199
miR-92-y	22	AATTGCACCTCGTCCCGCCTGC	222244	6086	10431	77646	25000	20199	21600	19021.6627	33207.5832	37320.0291	25410.171	10134.4893	12941.9356
miR-67-y	22	TCACAACCTGCTTGAATGAGGA	156481	754	1395	18917	10239	24180	21444	2356.6109	4441.0487	9092.3292	10406.9896	12131.8853	12848.4661
miR-9-x	23	TCITTTGGTTATCTAGCTGAATGA	146618	2628	2426	34045	11051	15049	21676	8213.7577	7723.2861	16363.5009	11232.312	7550.5683	12987.4721
miR-36-y	23	TCACCCGGTAAACATTCATTCGC	131490	5515	12397	28955	8347	13017	16556	17237.0144	39466.4375	13917.0265	8483.9479	6531.0484	9919.754
miR-7-x	24	TGGAAGACTAATGAATTTTGTGT	86232	116	1860	16225	5903	13224	11082	362.5555	5921.3982	7798.4374	5999.8496	6634.907	6639.932
miR-37-y	21	TCACCCGGTAAACATTCATCT	61289	2546	6019	13220	3918	6517	8547	7957.4685	19161.772	6354.1043	3982.282	3269.7889	5121.052
miR-278-y	22	TCGGTGGGACTTTCGTTTCGTTT	61250	128	754	11934	7484	6028	8821	400.0613	2400.3948	5735.9971	7606.7888	3024.4419	5285.2229
miR-750-y	23	CCAGATCTAACTCTCCAGCTCA	60508	1093	2832	16069	5197	8142	8886	3416.1481	9015.8063	7723.4571	5282.2663	4085.1038	5324.1685
miR-9-y	22	ATAAAGCTAGGTTACCAAAGGC	51422	453	826	13081	2110	7793	7270	1415.8418	2629.6102	6287.2949	2144.6184	3909.9993	4355.92
miR-12-x	22	TGAGTATTACATCAGGTACTGA	42475	1391	978	7782	2293	5418	5431	4347.5407	3113.5094	3740.3661	2330.6209	2718.3852	3254.058
miR-72-x	23	AGGCAAGATGTTGGCATAGCTGA	38345	24	139	19292	2300	3558	5630	75.0115	442.5131	9272.5704	2337.7357	1785.1633	3373.2916
miR-31-x	23	AGGCAAGATGTTGGCATAGCTGA	38202	20	143	19229	2294	3546	5600	62.5096	455.2473	9242.2899	2331.6373	1779.1425	3355.3166
miR-1992-y	23	TCAGCAGTTGTACCAGCTGATTG	34672	840	555	6033	1714	1927	3153	2625.402	1766.8688	2899.721	1742.1213	966.838	1889.1631
miR-277-y	23	TAAATGCATTATCTGGTATGTGA	34321	1317	3777	8559	2442	2344	2969	4116.2553	12024.2586	4113.8259	2482.0655	1176.0603	1778.917
miR-8-y	23	TAATACTGTTCAGGTAAGAGTGTC	32842	315	1967	5847	3431	3633	3505	984.5258	6262.0378	2810.3213	3487.2919	1822.7932	2100.0687
miR-981-y	25	TTCGTTGTTCGACGAAACCTGCCTGA	28324	82	82	3511	2535	4128	3402	256.2892	261.0509	1687.5386	2576.5913	2071.1506	2038.3549
miR-137-y	22	TTATTCGCTGAGAAATACACGTA	19770	21	87	3970	659	2132	2339	65.6351	276.9686	1908.1539	669.8121	1069.6931	1401.4439
miR-315-x	22	TTTTGATTGCTGCTCAGCAAGC	18835	936	645	2436	1930	1642	2628	2925.448	2053.3881	1170.8471	1961.6652	823.8443	1574.6022
miR-96-x	23	TATTTGGCACTTGTTGGAATAATC	17927	56	18	1938	775	3599	2295	175.0268	57.3039	931.4867	787.7153	1805.7343	1375.0807
miR-1175-y	23	TGAGATTCAACTTCTCCAACCTGC	17428	1051	861	5788	2247	1174	1125	3284.878	2741.0343	2781.9634	2283.8662	589.0336	674.0591
miR-745-y	22	GAGCTGCCAAATGAAGGGCTGT	16492	378	691	4600	992	1790	2065	1181.4309	2199.8313	2210.9591	1008.2756	898.1007	1237.273
miR-281-x	21	AAGGGAGCATCCGTCGACAGT	14290	507	581	3985	1222	665	1370	1584.6176	1849.6411	1915.3635	1242.0492	333.6519	820.8543
miR-133-z	23	TTGGTCCCTTCAACAGCTGTGA	13542	133	47	552	203	1965	4610	415.6887	149.6267	265.3151	206.3306	985.9038	2762.1446
miR-29-y	22	TAGCACCATTTGAAATCAGTTT	13248	65	455	2721	604	1853	1948	203.1561	1448.5141	1307.8304	613.9097	929.7098	1167.1709
miR-124-y	22	TAAGGCACGCGGTGAATGCGTA	12952	38	139	3811	865	1464	1545	118.7682	442.5131	1831.7316	879.1919	734.536	925.7079
miR-87-y	22	GTGAGCAAAGTTTCAGGTGTAG	11669	38	419	1260	2058	1388	1468	118.7682	1333.9064	605.6105	2091.7653	696.4043	879.5723
miR-281-y	22	TGTCATGGAGTTGCTCTCTTTA	11050	347	706	3240	1111	357	710	1084.5411	2247.5845	1557.2843	1129.228	179.1184	425.4062
miR-317-y	24	TGAACACAGCTGGTGGTATCTGGT	10227	173	459	4270	909	803	788	540.7078	1461.2483	2052.3469	923.9138	402.891	472.141
miR-375-y	22	TTTGTTCGTTCCGGCTCGCGTTA	8605	26	70	87	357	2220	728	81.2624	222.8483	41.816	362.8572	1113.8456	436.1912
miR-216-x	22	TAATCTCAGCTAGTAATTATGA	8548	83	289	2331	478	1093	917	259.4147	920.0452	1120.3795	485.8425	548.3933	549.4331
miR-1993-y	22	TATTATGCTGTTATTCACGAGA	8512	120	403	466	631	1479	1282	375.0574	1282.9696	223.9798	641.3527	742.062	768.1278
miR-81-y	23	TGAGATCATCGTGAACAACTGGTT	5274	104	134	1235	333	539	639	325.0498	426.5954	593.5945	338.4635	270.4337	382.8656
miR-153-y	22	TTGCATAGTCACAAAAGTGGTC	5032	27	36	579	607	448	605	84.3879	114.6077	278.2925	616.959	224.776	362.494
miR-2478-y	18	ATCCCACTTCTGACACCA	5006	210	187	1212	293	637	1269	656.3505	595.3234	582.5397	297.8072	319.6034	760.3387
miR-10-x	23	TTACCCCTGTAGAACCGGACGAGT	4251	76	817	290	362	490	337	237.5364	2600.9582	139.3866	367.9393	123.4261	293.5902
miR-7975-y	19	GATCCTGGTCACGGCACCA	3985	362	240	1077	272	517	425	1131.4232	764.0514	517.6528	276.4627	259.3956	254.6446
miR-219-x	23	TGATTGTCCAAACGCAATTCTTG	3902	85	34	1208	470	294	328	265.6657	108.2406	580.6171	477.7112	147.5093	196.5257
miR-1991-x	23	CTTACCCTGTAAATCGGAGAAGT	3764	342	345	480	315	171	498	1068.9137	1098.3239	230.7088	320.1682	85.7962	298.3835
miR-34-x	24	TGGCAGTGTGGTTAGCTGGTTTGT	3494	46	267	1301	285	340	356	143.772	850.0072	625.3169	289.6759	170.589	213.3023
miR-5119-y	18	TCATCACATCCTGGGGCT	3189	1230	41	36	35	29	972	3844.3387	130.5254	17.3032	35.5742	14.5502	582.3871
miR-252-x	22	CTAAGTACAGGTGCCCGCAGGAG	3002	2	4	338	346	366	467	6.251	12.7342	162.4574	351.6768	183.634	279.8094
miR-9-z	23	TCITTTGGTTATCTAGCTGTATGA	2941	205	1252	181	364	157	221	640.7231	3985.8014	86.9964	369.9721	78.772	132.4152
miR-1986-y	23	TGGATTTCACAGATACCGTGATT	2733	103	75	8	351	469	349	321.9243	238.7661	3.8451	356.7588	235.3124	209.1081
miR-7911-x	18	CTCCCGGCCGACGCACCA	2613	156	64	944	275	242	154	487.5747	203.747	453.7273	279.5119	121.4192	92.2712
miR-1994-y	22	TGAGACAGTGTGTCTCCCTCA	2022	68	132	299	275	225	209	212.5325	420.2283	143.7123	279.5119	112.8898	125.2252
miR-3968-y	18	ATCCCACTCCTGACACCA	1936	85	124	491	120	237	464	265.6657	394.7599	235.9959	121.9688	118.9105	278.012
miR-125-x	22	TCCTTGAGACCCCTAACTTGTGA	1478	98	551	92	173	142	114	306.2969	1754.1346	44.2192	175.8384	71.246	68.3047

miR-210-y	21	TTGTGCGTGAGACAGCGACCG	1442	9	4	167	79	236	105	28.1293	12.7342	80.2674	80.2961	118.4088	62.9122
miR-122-x	22	TGGAGTGTGACAATGGTGT	1374	74	356	42	193	185	180	231.2854	1133.3429	20.187	196.1665	92.8205	107.8495
miR-100-x	22	AACCCGTAGCTCCGGACTTGTG	1232	22	124	163	159	157	142	68.7605	394.7599	78.3449	161.6087	78.772	85.0812
miR-26-x	22	TTCAAGTAAATCCAGGATAGGCT	1106	112	423	82	88	94	93	350.0536	1346.6406	39.4128	89.4438	47.1628	55.7222
miR-21-x	22	TAGCTTATCAGACTGATGTTGA	1045	69	314	127	97	80	68	215.658	999.6339	61.0417	98.5915	40.1386	40.7431
miR-13-y	23	TATCACAGCCAGCTTGATGAGCT	987	33	45	137	105	119	111	103.1408	143.2596	65.8481	106.7227	59.7061	66.5072
miR-190-x	24	AGATATGTTGATATTTTGGTG	980	8	35	53	147	150	148	25.0038	111.4242	25.4741	149.4118	75.2598	88.6762
miR-206-y	21	TGGAATGTAAGGAAGTATGTT	920	32	210	86	49	126	114	100.0153	668.545	41.3353	49.8039	63.2183	68.3047
miR-6569-x	19	CCCTGTTGGACTAAGGCCG	832	112	270	103	88	28	121	350.0536	859.5578	49.5063	89.4438	14.0485	72.4988
miR-4454-x	20	GGATCCTGGTCACGGCACCA	746	54	67	191	50	109	50	168.7758	213.2977	91.8029	50.8203	54.6888	29.9582
miR-101-y	22	TACAGTACTGTGATAACTGAAG	732	97	240	38	78	50	76	303.1714	764.0514	18.2644	79.2797	25.0866	45.5364
miR-921-x	20	GTGAAGGACCGAACCAGGAC	688	24	19	122	25	164	45	75.0115	60.4874	58.6385	25.4102	82.2841	26.9624
miR-22-y	22	AAGCTGCCAGCTGAAGAACTGT	639	82	211	78	56	50	41	256.2892	671.7285	37.4902	56.9188	25.0866	24.5657
miR-4796-x	19	TTTACTCTGCCCTTTACT	602	105	72	31	82	22	135	328.1753	229.2154	14.8999	83.3454	11.0381	80.8871
miR-451-x	22	AAACCTGTACCATTCTGAGTT	591	156	35	27	62	48	80	487.5747	111.4242	12.9774	63.0172	24.0831	47.9331
miR-235-y	22	AATTGCACTCGTCCCGCCTGA	584	15	42	200	59	54	47	46.8822	133.709	96.1287	59.968	27.0935	28.1607
miR-128-y	21	TCACAGTGAACCGGTCTCTTT	567	51	273	22	106	23	24	159.3994	869.1084	10.5742	107.7391	11.5398	14.3799
miR-133-y	22	TGGTCCCTTCAACCAGCTGC	547	0	5	32	7	99	48	0.01	15.9177	15.3806	7.1148	49.6715	28.7599
miR-12-z	21	TGAGTATTACATCAGGTACTG	533	15	11	80	53	60	66	46.8822	35.019	38.4515	53.8696	30.1039	39.5448
miR-2760-y	18	TTTTTGGTTGTTTGGTT	518	34	77	37	84	45	110	106.2663	245.1332	17.7838	85.3782	22.578	65.908
miR-143-y	22	TGAGATGAAGCACTGTAGCTCT	515	24	136	24	50	94	56	75.0115	432.9625	11.5354	50.8203	47.1628	33.5532
miR-181-x	23	AACATTCAACGCTGTCGGTGAGT	487	58	182	43	66	27	32	181.2778	579.4056	20.6677	67.0829	13.5468	19.1732
miR-598-x	18	GCCGGTGATCCCGAAGGT	483	170	128	0	7	9	56	531.3314	407.4941	0.01	7.1148	4.5156	33.5532
miR-1990-x	22	AGTAAGTTGATGGGGTCCCAGG	482	0	8	0	119	53	49	0.01	25.4684	0.01	120.9524	26.5918	29.359
miR-307-y	22	TCACAACCTGCTTGAATGAGGG	451	3	2	49	29	65	59	9.3764	6.3671	23.5515	29.4758	32.6126	35.3507
miR-30-x	20	TGTAACATCCCTTGACTGGA	430	23	163	13	43	60	37	71.886	518.9182	6.2484	43.7055	30.1039	22.1691
miR-5108-y	19	GGGTAGAGCACTGGATGGG	386	180	4	2	5	0	60	562.5861	12.7342	0.9613	5.082	0.01	35.9498
miR-16-x	22	TAGCAGCACGTAATTTGGCG	380	50	105	16	49	41	29	156.2739	334.2725	7.6903	49.8039	20.571	17.3757
miR-1260-x	18	ATCCCACCGCTGCCACCA	378	13	3	128	26	48	50	40.6312	9.5506	61.5223	26.4266	24.0831	29.9582
miR-19-y	23	TGTGCAAAATCCATGCAAACTGA	365	38	91	20	26	35	25	118.7682	289.7028	9.6129	26.4266	17.5606	14.9791
miR-79-y	22	ATAAAGCTAGGTTACCAAAGGT	355	4	5	89	30	49	37	12.5019	15.9177	42.7773	30.4922	24.5849	22.1691
miR-4286-z	18	ACCCCACTCGTGCTACCA	345	16	4	61	56	34	59	50.0077	12.7342	29.3192	56.9188	17.0589	35.3507
miR-99-x	22	AACCCGTAGATCCGATCTTGTG	344	12	132	20	61	22	30	37.5057	420.2283	9.6129	62.0008	11.0381	17.9749
miR-3533-y	18	TCAGGATGTGTGATGTGG	344	63	54	25	91	21	45	196.9052	171.9116	12.0161	92.493	10.5364	26.9624
miR-2722-y	23	TGGCGCCGTGTAAACATCTAGCT	338	0	4	89	41	53	38	0.01	12.7342	42.7773	41.6727	26.5918	22.7682
miR-194-x	22	TGTAACAGCAACTCCATGTGGA	333	4	230	19	3	20	20	12.5019	732.2159	11.5354	19.3117	1.5052	11.9833
miR-98-x	22	TGAGGTAGTAAGTTGTATAGTT	321	2	4	36	34	63	66	6.251	12.7342	17.3032	34.5578	31.6091	39.5448
miR-486-x	22	TCCTGTACTGAGCTGCCCGGAG	320	68	37	7	35	28	20	212.5325	117.7913	3.3645	35.5742	14.0485	11.9833
miR-638-x	19	CGCGGGCGGGCGGCGGGAT	318	73	24	24	49	19	66	228.1599	76.4051	11.5354	49.8039	9.5329	39.5448
miR-199-x	23	CCCAAGTGTTCAGACTACCTGTTT	272	17	31	70	32	39	21	53.1331	98.69	33.645	32.525	19.5676	12.5824
miR-5126-y	20	CGCGGGCGGGCGGCGAGGGTG	263	46	31	24	63	8	36	143.772	98.69	11.5354	64.0336	4.0139	21.5699
miR-6728-x	18	ATTGGGGTTGTAGGACCA	262	14	50	12	18	52	47	43.7567	159.1774	5.7677	18.2953	26.0901	28.1607
miR-144-y	20	TACAGTATAGATGATGACT	250	52	31	3	36	23	19	162.5249	98.69	1.4419	36.5906	11.5398	11.3841
miR-200-y	22	TAATACTGCCGTGTAATGATGA	238	5	24	42	40	34	26	15.6274	76.4051	20.187	40.6563	17.0589	15.5783
miR-1692-x	18	GATAGCTCAGTTGGTAGA	237	28	12	4	21	2	102	87.5134	38.2026	1.9226	21.3445	1.0035	61.1147
miR-5106-y	20	GGGTCTGTAGCTCAGTTGGC	229	4	32	23	24	16	54	12.5019	101.8735	11.0548	24.3938	8.0277	32.3548
miR-93-x	22	CAAAGTGTCTGCTGCAGGTA	228	42	28	16	26	20	12	131.2701	89.1393	7.6903	26.4266	10.0346	7.19
miR-192-x	21	ATGACCTATGAATTGACAGCC	223	16	85	14	24	8	18	50.0077	270.6015	6.729	24.3938	4.0139	10.7849
let-7-y	22	CTGTACAACCTTCTAGCTTTCC	217	7	11	56	13	12	37	21.8784	35.019	26.916	13.2133	6.0208	22.1691
miR-215-x	22	ATGACCTATGATTTGACAGACC	212	2	195	0	4	0	4	6.251	620.7917	0.01	4.0656	0.01	2.3967
miR-755-y	23	TGAGATTCAACTTCTCCAAGT	208	16	7	59	32	23	17	50.0077	22.2848	28.358	32.525	11.5398	10.1858
miR-37-x	18	GTGGAGGTCGTTGCGGT	207	4	0	48	63	26	33	12.5019	0.01	23.0709	64.0336	13.045	19.7724
miR-7166-y	19	ACGTGGAAGGTCTCTCATG	204	33	9	32	13	34	33	103.1408	28.6519	15.3806	13.2133	17.0589	19.7724
miR-107-y	23	AGCAGCATTTGACAGGGCTATGA	184	33	51	2	19	14	14	103.1408	162.3609	0.9613	19.3117	7.0243	8.3883
miR-4792-x	18	CCGGTGAGCTCTCGCTGG	182	122	2	11	2	2	20	381.3084	6.3671	5.2871	2.0328	1.0035	11.9833
miR-25-y	22	CATTGCACTTGTCTCGGCTGA	182	24	30	18	20	10	18	75.0115	95.5064	8.6516	20.3281	5.0173	10.7849
miR-378-y	22	ACTGGACTTGGAGTCAGAAGGC	170	24	92	0	13	9	18	75.0115	292.8864	0.01	13.2133	4.5156	10.7849
miR-142-y	23	TGTAGTGTTTCTACTTTATGGA	166	27	24	14	37	5	13	84.3879	76.4051	6.729	37.6071	2.5087	7.7891
miR-182-x	22	TTTGGCAATGGTAGAACTCAC	162	24	19	6	14	11	13	75.0115	60.4874	2.8839	14.2297	5.5191	7.7891
miR-199-y	21	ACAGTAGTCTGCAACTTGGTT	161	8	30	39	9	23	21	25.0038	95.5064	18.7451	9.1477	11.5398	12.5824
miR-46-y	20	TGTCATGGAGTTGCTCTCTT	157	4	8	36	24	6	13	12.5019	25.4684	17.3032	24.3938	3.0104	7.7891
miR-148-y	22	TCAGTGCAATACAGAAGTTTGA	139	34	27	7	17	6	10	106.2663	85.9558	3.3645	17.2789	3.0104	5.9916
miR-2-x	22	CTCATCAACTGGTTGTGATGTG	136	32	11	20	21	4	10	100.0153	35.019	9.6129	21.3445	2.0069	5.9916

miR-103-y	23	AGCAGCATTGTACAGGGCTATGA	136	31	30	0	7	14	7	96.8898	95.5064	0.01	7.1148	7.0243	4.1941
miR-15-x	23	TAGCAGCAGACAATGGTTTGTA	130	15	41	10	8	8	7	46.8822	130.5254	4.8064	8.1313	4.0139	4.1941
miR-7070-x	18	GGGAGATGACGCAGGAGG	130	11	2	0	98	0	0	34.3803	6.3671	0.01	99.6079	0.01	0.01
miR-1790-y	18	GCGCTCGTCGTCGCCGTG	125	37	3	0	45	2	15	115.6427	9.5506	0.01	45.7383	1.0035	8.9875
miR-129-x	21	CTTTTTCGGGTCTGGGCTTGC	120	2	68	6.251	17	7	4	6.251	216.4812	1.4419	17.2789	3.5121	2.3967
miR-205-x	19	TCCTTCATTCCACCGGAGT	119	10	0	12	17	28	5	31.2548	0.01	5.7677	17.2789	14.0485	2.9958
miR-221-z	22	AGCTACATTGTCTGCTGGGTTT	118	0	37	7	32	5	10	0.01	117.7913	3.3645	32.525	2.5087	5.9916
miR-2861-y	18	GCGGCGGCCGTGCGGCCGG	105	70	0	0	8	2	4	218.7835	0.01	0.01	8.1313	1.0035	2.3967
miR-1788-y	20	CCGCAGCGAAAGCAAGTCTG	105	32	9	14	5	4	19	100.0153	28.6519	6.729	5.082	2.0069	11.3841
miR-126-y	22	TCGTACCGTGAGTAATAGTGCA	103	5	45	7	13	7	9	15.6274	143.2596	3.3645	13.2133	3.5121	5.3925
miR-20-x	22	TAAAGTGCTTATAGTGCAGGTA	101	24	24	7	2	5	8	75.0115	76.4051	3.3645	2.0328	2.5087	4.7933
miR-203-y	22	TGAAATGTTTAGGACCACATAGA	96	7	7	11	3	34	6	21.8784	22.2848	5.2871	3.0492	17.0589	3.595
miR-279-y	22	TGACTAGATCCACACTCATCCA	94	13	12	6	0	8	8	40.6312	38.2026	2.8839	0.01	0.01	4.7933
miR-27-y	21	TTACAGTGGCTAAGTTCTGC	90	17	18	6	11	3	7	53.1331	57.3039	2.8839	11.1805	1.5052	4.1941
miR-572-y	18	TCCGCGCGCGGTGGCCT	89	16	4	4	17	17	10	50.0077	12.7342	1.9226	17.2789	8.5294	5.9916
miR-223-y	22	TGTCAGTTTGTCAAATACCCCA	86	11	18	10	3	8	7	34.3803	57.3039	4.8064	3.0492	4.0139	4.1941
miR-219-y	22	AGAAGTGTGTTTGGACATCGGT	85	4	7	14	6	5	18	12.5019	22.2848	6.729	6.0984	2.5087	10.7849
miR-6557-y	19	GCAGCGCCGATCGTCTCCT	85	15	14	3	16	8	7	46.8822	44.5697	1.4419	16.2625	4.0139	4.1941
miR-3215-y	18	TCCGCTGTTCGCCCGCGG	84	24	5	5	11	11	10	75.0115	15.9177	2.4032	11.1805	5.5191	5.9916
miR-2777-x	18	CGAGGGACCTTACCTGGG	83	50	8	3	7	0	8	156.2739	25.4684	1.4419	7.1148	0.01	4.7933
miR-135-x	23	TATGGCTTTCTATTCTCATGTGA	80	12	41	4	7	8	4	37.5057	130.5254	1.9226	7.1148	4.0139	2.3967
miR-2531-y	19	CACTGTGCGGCCGATCGCG	79	3	0	9	19	12	20	9.3764	0.01	4.3258	19.3117	6.0208	11.9833
miR-338-y	22	TCCAGCATCAGTGATTTTGTG	78	27	31	6	0	2	0	84.3879	98.69	2.8839	0.01	1.0035	0.01
miR-2888-y	18	GGGGTGGGGGGGATGGCC	77	13	10	6	14	8	10	40.6312	31.8355	2.8839	14.2297	4.0139	5.9916
miR-466-x	19	TGTTGTGCGGTATGTGTCAT	76	10	6	4	16	10	13	31.2548	19.1013	1.9226	16.2625	5.0173	7.7891
miR-152-y	21	TCAGTGTCATGACAGAACTTTG	74	5	24	7	14	6	9	15.6274	76.4051	3.3645	14.2297	3.0104	5.3925
miR-3488-y	18	GCTCCGGTAGCTCAGTGG	72	14	8	10	7	2	21	43.7567	25.4684	4.8064	7.1148	1.0035	12.5824
miR-320-y	22	AAAAGCTGGGTTGAGAGGGCGA	72	16	12	2	4	11	7	50.0077	38.2026	0.9613	4.0656	5.5191	4.1941
miR-126-x	21	CATTATTACTTTTGGTACGCG	68	0	39	2	0	6	6	0.01	124.1583	0.9613	0.01	3.0104	3.595
miR-5110-x	19	GGGAGAGGATGGTGGGAATT	68	11	2	15	15	0	11	34.3803	6.3671	7.2096	15.2461	0.01	6.5908
miR-222-y	23	AGCTACATCTGGCTACTGGGTCT	68	8	24	2	4	5	6	25.0038	76.4051	0.9613	4.0656	2.5087	3.595
miR-5549-y	18	GTTGATTTTTGGTTGGTT	66	2	9	4	4	15	17	6.251	28.6519	1.9226	4.0656	7.526	10.1858
miR-193-y	21	TACTGGCCTACAACATCCCAA	65	0	2	6	7	10	5	0.01	6.3671	2.8839	7.1148	5.0173	2.9958
miR-6752-x	23	AGGGGGGTGTGGAGCGAGGGAGC	64	6	10	8	8	0	0	18.7529	31.8355	3.8451	8.1313	0.01	0.01
lin-4-x	21	TCCCTGAGACCTCAGATGTGA	63	0	2	2	23	0	0	0.01	6.3671	0.9613	23.3774	0.01	0.01
miR-191-x	22	CAACCGAATCCCAAAAGCAGCT	62	10	8	0	11	0	10	31.2548	25.4684	0.01	11.1805	0.01	5.9916
miR-359-y	19	CACTGGGTCTCTCTGACG	61	2	3	0	17	16	21	6.251	9.5506	0.01	17.2789	8.0277	12.5824
miR-4448-y	20	CTCCTTGGTCTAGGGGTATG	54	5	5	2	11	3	8	15.6274	15.9177	0.9613	11.1805	1.5052	4.7933
miR-23-y	18	ATCACATTGCCAGGGATT	54	9	10	4	0	13	5	28.1293	31.8355	1.9226	0.01	6.5225	2.9958
miR-285-y	23	TCTAGCACCATTTGAAATCAGTA	50	4	3	6	0	15	3	12.5019	9.5506	2.8839	0.01	7.526	1.7975
miR-551-x	18	TCAAGCTTCGGTGAGAAC	50	39	2	0	3	0	3	121.8937	6.3671	0.01	3.0492	0.01	1.7975
miR-6058-x	20	ACAATGGCGATGACAACGGG	49	9	11	3	10	5	2	28.1293	35.019	1.4419	10.1641	2.5087	1.1983
bantam-x	25	CTGGTTTTACAGTGATTTAGCAGA	48	3	3	11	2	3	3	9.3764	9.5506	5.2871	2.0328	1.5052	1.7975
miR-33-x	21	GTGCATTGTAGTTGTCATTGCA	48	37	4	2	0	0	2	115.6427	12.7342	0.9613	0.01	0.01	1.1983
miR-5360-x	23	ACGAATCGTCGTATCGGATGTCT	47	0	4	2	3	0	0	0.01	12.7342	0.9613	3.0492	0.01	0.01
miR-1187-y	19	TGTGTGTGCGTATGTGTTT	47	2	0	0	8	6	27	6.251	0.01	0.01	8.1313	3.0104	16.1774
miR-145-x	23	GTCCAGTTTTCCCAGGAATCCCT	46	2	12	0	6	7	9	6.251	38.2026	0.01	6.0984	3.5121	5.3925
miR-8117-y	20	CTCGTGTGGAACAAAAGGGT	46	10	0	0	4	3	4	31.2548	0.01	0.01	4.0656	1.5052	2.3967
miR-6651-x	19	CCAGGTTGACTAAGGAGGG	45	4	6	0	13	0	2	12.5019	19.1013	0.01	13.2133	0.01	1.1983
miR-2006-y	18	CACACGTGGTAGCGGAGC	43	20	6	0	7	0	0	62.5096	19.1013	0.01	7.1148	0.01	0.01
miR-24-y	20	TGGCTCAGTTCAGCAGGAAC	42	3	5	2	8	12	4	9.3764	15.9177	0.9613	8.1313	6.0208	2.3967
miR-9852-y	19	GTATCGGGGTGCTGGGACC	42	2	3	7	14	0	14	6.251	9.5506	3.3645	14.2297	0.01	8.3883
miR-725-y	22	TTCAGTCATTGTTTCTGGTCTG	41	13	3	13	2	2	0	40.6312	9.5506	6.2484	2.0328	1.0035	0.01
miR-891-x	19	CAAGTTACCTGAGACATTG	40	2	3	15	0	6	11	6.251	9.5506	7.2096	0.01	3.0104	6.5908
miR-7406-y	18	AAGGTACCTGTAGAGCGC	39	13	0	0	9	0	2	40.6312	0.01	0.01	9.1477	0.01	1.1983
miR-4171-x	19	GACTCTCTTAAGGTAGCCA	39	34	0	0	0	0	3	106.2663	0.01	0.01	0.01	0.01	1.7975
miR-210-z	20	CTGTGCGTGTGACAGCGGCT	39	9	13	2	0	0	11	28.1293	41.3861	0.9613	0.01	0.01	6.5908
miR-338-x	19	GATCCTGGTGCTAAGTGGG	39	2	0	0	11	9	15	6.251	0.01	0.01	11.1805	4.5156	8.9875
miR-183-x	22	TATGGCACTGGTAGAATTCACT	39	15	0	0	4	4	2	46.8822	0.01	0.01	4.0656	2.0069	1.1983
miR-3104-x	18	CAGGAGCGGAGCCCGGT	39	3	2	2	0	13	17	9.3764	6.3671	0.9613	0.01	6.5225	10.1858
miR-1755-x	18	ATCGGTGGATGTCTTGGC	39	0	0	4	13	5	11	0.01	0.01	1.9226	13.2133	2.5087	6.5908
miR-1985-x	23	TGCCATTTTATCAGTCACTGTG	39	3	0	0	2	0	0	9.3764	0.01	0.01	2.0328	0.01	0.01
miR-6497-x	18	GCTCCGAGGACCGGGTCG	38	13	4	0	6	7	5	40.6312	12.7342	0.01	6.0984	3.5121	2.9958

miR-8335-y	18	TGTTGTTGTTGTTGTTGT	38	4	2	3	0	0	6	12.5019	6.3671	1.4419	0.01	0.01	3.595
miR-185-x	22	TGGAGAGAAAGGCAGTTCCTGA	38	10	6	0	3	2	4	31.2548	19.1013	0.01	3.0492	1.0035	2.3967
miR-30-y	22	CTTTCAGTCGGATGTTTGCAGC	38	0	12	0	9	3	5	0.01	38.2026	0.01	9.1477	1.5052	2.9958
miR-9419-y	18	GTTCCTTGAATATGGTTGA	37	2	3	4	6	0	7	6.251	9.5506	1.9226	6.0984	0.01	4.1941
miR-1277-x	18	CATATATATATATATGGA	37	28	0	0	4	0	2	87.5134	0.01	0.01	4.0656	0.01	1.1983
miR-146-x	23	TGAGAACTGAATCCATAGATGG	37	5	15	2	2	0	6	15.6274	47.7532	0.9613	2.0328	0.01	3.595
miR-130-y	18	AGTGCAATCGCAAAAGGG	36	7	15	6	0	0	2	21.8784	47.7532	2.8839	0.01	0.01	1.1983
miR-2018-x	18	CGGAGCCGAGGTTGAGG	35	0	8	0	17	0	8	0.01	25.4684	0.01	17.2789	0.01	4.7933
miR-283-x	22	AAATATCAGCTGGTAAATCTGA	35	32	0	0	0	0	0	100.0153	0.01	0.01	0.01	0.01	0.01
miR-7865-x	19	GATCCTTTTGAATTTAGGG	34	18	0	5	0	2	0	56.2586	0.01	2.4032	0.01	1.0035	0.01
miR-140-y	22	TACCACAGGGTAGAACCCAGGA	34	8	11	0	3	2	8	25.0038	35.019	0.01	3.0492	1.0035	4.7933
miR-6992-x	18	GACAGTTTGGCTGAGTGG	34	29	0	0	0	0	2	90.6389	0.01	0.01	0.01	0.01	1.1983
miR-2305-x	19	GTGGGTGGCCGGGAGGGGG	33	6	2	11	4	0	0	18.7529	6.3671	5.2871	4.0656	0.01	0.01
miR-244-x	18	TTTAGTTGTACAAAATGG	32	5	3	2	2	0	6	15.6274	9.5506	0.9613	2.0328	0.01	3.595
miR-142-x	20	CCCATAAGTAGAAAGCACT	31	0	8	0	5	0	3	0.01	25.4684	0.9613	5.082	0.01	1.7975
miR-4700-x	19	GTTTGGGGTTGAGGACAGT	31	22	2	0	2	0	0	68.7605	6.3671	0.01	2.0328	0.01	0.01
miR-140-x	22	CAGTGGTTTTACCTATGGTAG	31	5	5	0	3	0	6	15.6274	15.9177	0.01	3.0492	0.01	3.595
miR-2779-z	19	TATCCGGCTCGAAGGACCA	30	2	10	2	0	13	0	6.251	31.8355	0.9613	0.01	6.5225	0.01
miR-456-y	22	CAGGCTGGTTAGATGGTTGTCT	29	3	16	4	0	0	0	9.3764	50.9368	1.9226	0.01	0.01	0.01
miR-6090-y	19	GGGGAGCGCGGGCGCGGGG	29	0	0	4	10	0	5	0.01	0.01	1.9226	10.1641	0.01	2.9958
miR-217-x	22	TACTGCATCAGGAACGATTGG	29	0	14	2	7	0	2	0.01	44.5697	0.9613	7.1148	0.01	1.1983
miR-430-y	18	AGTGCTAGTTGTTGGGGG	29	0	0	9	10	2	2	0.01	0.01	4.3258	10.1641	1.0035	1.1983
miR-3960-y	20	GCGGCTCGCGGAGGCGGG	29	6	2	2	7	0	12	18.7529	6.3671	0.9613	7.1148	0.01	7.19
miR-1408-y	18	GGGGGGGGCGGGTGGTGC	28	0	4	0	5	0	9	0.01	12.7342	0.01	5.082	0.01	5.3925
miR-2881-x	18	TGGGGGCGGGGAGCGTG	28	3	3	6	12	0	2	9.3764	9.5506	2.8839	12.1969	0.01	1.1983
miR-6240-x	18	CAAGCATTGCGATGGCC	28	19	0	3	0	2	2	59.3841	0.01	1.4419	0.01	1.0035	1.1983
miR-193-x	22	TGGGTCTTTGCGGGCGAGATGA	28	2	7	0	5	5	2	6.251	22.2848	0.01	5.082	2.5087	1.1983
miR-454-y	22	TAGTGCAATATTGCTTATAGGG	28	2	13	0	0	5	0	6.251	41.3861	0.01	0.01	2.5087	0.01
miR-39-y	18	TCACCCGGTGAAAAGGG	27	17	0	0	0	0	0	53.1331	0.01	0.01	0.01	0.01	0.01
miR-1268-x	19	CGGGCGGGGTGGTCGGGGC	27	4	2	0	6	3	12	12.5019	6.3671	0.01	6.0984	1.5052	7.19
miR-7615-x	18	GATCTACGCGCTGAACCT	27	0	0	6	0	7	7	0.01	0.01	2.8839	0.01	3.5121	4.1941
miR-138-x	21	AGCTGGTGTGTGAATCAGGA	27	0	17	0	0	2	8	0.01	54.1203	0.01	0.01	1.0035	4.7933
miR-8500-y	18	TAATTTAGTTGGTTGATT	26	2	4	0	5	3	0	6.251	12.7342	0.01	5.082	1.5052	0.01
miR-424-x	21	CAGGCAATCATGTTTTGA	26	5	16	0	5	0	0	15.6274	50.9368	0.01	5.082	0.01	0.01
miR-228-x	23	AATGGCACTAGATGAATCACGG	26	2	4	0	5	0	0	6.251	12.7342	0.01	5.082	0.01	0.01
miR-4486-x	18	ATGCTGGCGAGGATGAC	25	14	2	0	5	0	0	43.7567	6.3671	0.01	0.01	2.5087	0.01
miR-379-y	24	TATGTAACATGGTCCACTAECTCT	25	5	6	0	3	0	2	15.6274	19.1013	0.01	3.0492	0.01	1.1983
miR-181-y	18	CCATCAGCTGTTGAGTGT	25	5	7	0	2	2	2	15.6274	22.2848	0.01	2.0328	1.0035	1.1983
miR-301-y	22	CAGTGCAATAGTATTGTCAAAG	25	2	11	2	0	0	4	6.251	35.019	0.9613	0.01	0.01	2.3967
miR-6813-x	20	AGGGGCTGGGGTTTGAGGTG	25	0	3	0	9	2	7	0.01	9.5506	0.01	9.1477	1.0035	4.1941
miR-6616-x	22	TCTCTGTGATGGCTAACTGAGA	25	2	3	6	6	0	4	6.251	9.5506	2.8839	6.0984	0.01	2.3967
miR-6089-y	19	GGGGAGGCCGGGTGGGGA	24	0	5	5	6	0	5	0.01	15.9177	2.4032	6.0984	0.01	2.9958
miR-3976-x	18	GATATAGACAGCAGGACG	24	5	2	0	3	0	3	15.6274	6.3671	0.01	3.0492	0.01	1.7975
miR-7967-x	18	TGCCCTTCCTTGCCGGC	24	11	5	0	3	0	0	34.3803	15.9177	0.01	3.0492	0.01	0.01
miR-132-x	22	ACCGTGGCTTTAGATTGTTACT	24	3	12	2	0	5	0	9.3764	38.2026	0.9613	0.01	2.5087	0.01
miR-971-y	22	TTGGTGTACTTCTTAGAGGGA	24	0	0	16	2	0	2	0.01	0.01	7.6903	2.0328	0.01	1.1983
miR-4671-x	21	CCGAAGACGGTGCGCTAACCT	24	4	0	8	2	0	2	12.5019	0.01	3.8451	2.0328	0.01	1.1983
miR-7350-y	18	ATTGCATTCTGTCTGATA	23	0	7	3	0	0	5	0.01	22.2848	1.4419	0.01	0.01	2.9958
miR-212-x	23	ACCTTGGCTCTAGACTGCTTACT	23	0	13	0	4	6	0	0.01	41.3861	0.01	4.0656	3.0104	0.01
miR-718-y	18	GTTCGGCCGGGTGTCGCA	23	9	3	0	7	0	4	28.1293	9.5506	0.01	7.1148	0.01	2.3967
miR-6884-x	18	TGAGGAGGTCATGTTGGC	23	12	0	5	2	0	4	37.5057	0.01	2.4032	2.0328	0.01	2.3967
miR-3077-x	19	CGCGGACGGGTGGGTGGGC	23	2	0	2	5	0	3	6.251	0.01	0.9613	5.082	0.01	1.7975
miR-57-x	25	TACCCTGTAGTACCGAGCTGTGTGT	23	0	0	0	5	0	0	0.01	0.01	0.01	5.082	0.01	0.01
miR-7006-x	18	GGTGTTCGAGACTTGAGA	23	7	0	0	0	0	3	21.8784	0.01	0.01	0.01	0.01	1.7975
miR-6796-x	18	TGTGGGGTTGTAGGGCTG	22	0	13	0	0	5	2	0.01	41.3861	0.01	0.01	2.5087	1.1983
miR-263-x	22	CTTGGCACTGGAAGAATTCACA	22	18	0	0	2	2	0	56.2586	0.01	0.01	2.0328	1.0035	0.01
miR-7977-x	18	TTCCCGGCCAATGCACCA	22	0	0	9	3	0	0	0.01	0.01	4.3258	3.0492	1.5052	0.01
miR-222-x	20	GCTCAGTAGTCAGTGGAGGA	22	4	2	0	16	0	0	12.5019	6.3671	0.01	16.2625	0.01	0.01
miR-276-y	22	TAGGAACCTCATACCGTGCTCT	22	10	5	0	0	3	2	31.2548	15.9177	0.01	0.01	1.5052	1.1983
miR-2137-y	18	CGGCGGGAGCCCGGGGA	22	8	0	0	5	0	4	25.0038	0.01	0.01	5.082	0.01	2.3967
miR-993-y	23	GAAGCTCGTCTCTACAGGTATCT	22	7	4	0	3	2	4	21.8784	12.7342	0.01	3.0492	1.0035	2.3967
miR-457-y	21	TAGCAGCACATAAATCTGGA	22	0	4	2	8	0	2	0.01	12.7342	0.9613	8.1313	0.01	1.1983
miR-275-x	18	CTAAGCCGGAACCGCGAC	22	4	11	0	2	0	2	12.5019	35.019	0.01	2.0328	0.01	1.1983

miR-1386-x	18	CTCCTGGCTGGCTCGCCA	21	9	2	0	2	0	6	28.1293	6.3671	0.01	2.0328	0.01	3.595
miR-106-x	22	CAAAGTGCTTACAGTGCAGGTA	21	2	0	0	8	2	2	6.251	0.01	0.01	8.1313	1.0035	1.1983
miR-6919-y	18	CCTCCTCCTGGCCCTCGG	21	5	0	3	0	2	9	15.6274	0.01	1.4419	0.01	1.0035	5.3925
miR-4688-y	19	GGGGCAACAGAGAACTCGG	21	0	3	5	5	0	0	0.01	9.5506	2.4032	5.082	0.01	0.01
miR-17-x	22	CAAAGTGCTTACAGTGCAGGTA	21	0	0	0	8	2	7	0.01	0.01	0.01	8.1313	1.0035	4.1941
miR-4532-x	18	CCCGGGGAGCCCGCGGG	21	14	0	0	0	0	7	43.7567	0.01	0.01	0.01	0.01	4.1941
miR-218-x	23	TTGTGCTTGATCTAACCATGTGA	20	2	11	2	0	0	5	6.251	35.019	0.9613	0.01	0.01	2.9958
miR-722-y	20	TTTTGCAGAAACGTTTCAGA	19	0	7	0	0	0	0	0.01	22.2848	0.01	0.01	0.01	0.01
miR-7113-x	20	CTACAGGGGGACAGTGTGTG	19	0	4	0	6	0	5	0.01	12.7342	0.01	6.0984	0.01	2.9958
miR-5093-y	23	TGGGAAATGAGGCTGGCGAGGAG	19	0	0	0	17	0	2	0.01	0.01	0.01	17.2789	0.01	1.1983
miR-1175-x	21	AGTGGAGAAAGTTTTATCTTA	19	0	0	6	2	4	2	0.01	0.01	2.8839	2.0328	2.0069	1.1983
miR-677-y	18	GCCGTTTCTGAGAGGGGG	19	3	2	0	0	0	0	9.3764	6.3671	0.01	0.01	0.01	0.01
miR-724-x	22	TTAAAGGGAATTTGCGACTGTT	18	0	13	0	0	2	0	0.01	41.3861	0.01	0.01	1.0035	0.01
miR-305-x	23	ATTGTACTTCATCAGGTGCTCGG	18	8	2	0	6	0	0	25.0038	6.3671	0.01	6.0984	0.01	0.01
miR-3885-x	18	GGCGCGCGCGCGGCAGA	18	16	0	0	0	2	0	50.0077	0.01	0.01	0.01	0.01	1.1983
miR-127-y	22	TCGGATCCGCTCAGCTTGGCT	18	4	3	0	0	8	3	12.5019	9.5506	0.01	0.01	4.0139	1.7975
miR-146-y	18	CAGCCTGGGTATGAGTT	18	7	3	0	0	0	0	21.8784	9.5506	0.01	0.01	0.01	0.01
miR-4281-y	18	GTCGCGGGGACGGGGTT	18	0	0	2	11	0	3	0.01	0.01	0.9613	11.1805	0.01	1.7975
miR-559-x	18	AGCAAAATATGCACCAAGA	17	4	8	0	0	0	3	12.5019	25.4684	0.01	0.01	0.01	1.7975
miR-6803-x	18	CTCTGGGGTTGTGGGGCT	17	0	6	2	0	2	5	0.01	19.1013	0.9613	0.01	1.0035	2.9958
miR-150-x	22	TCTCCCAATCCTTGTACCAAGT	17	4	4	0	0	0	9	12.5019	12.7342	0.01	0.01	0.01	5.3925
miR-16-y	20	ACCAATATTACTGTGCTGCT	17	5	3	2	5	2	0	15.6274	9.5506	0.9613	5.082	1.0035	0.01
miR-1329-y	18	GGAACAGTGATCGGGTCA	17	0	17	0	0	0	0	0.01	54.1203	0.01	0.01	0.01	0.01
miR-124-x	18	TCCGCGAAGCTTAGGAA	17	7	7	0	0	0	0	21.8784	22.2848	0.01	0.01	0.01	0.01
miR-6553-x	18	GGTGCAGCCTTGTGATAG	17	0	0	2	3	2	8	0.01	0.01	0.9613	3.0492	1.0035	4.7933
miR-8304-y	19	TTTGTCTTGTAAATTCAGA	17	3	0	0	0	6	4	9.3764	0.01	0.01	0.01	3.0104	2.3967
miR-221-y	23	AGCTACATTGCTCTGCTGGGTTTC	16	0	9	0	0	0	2	0.01	28.6519	0.01	0.01	0.01	1.1983
miR-4028-y	18	ATTAAGATGTTGTGTT	16	3	2	0	2	4	5	9.3764	6.3671	0.01	2.0328	2.0069	2.9958
miR-2001-x	22	GTTGTGACCGTTATAATGGCA	16	3	2	0	4	0	0	9.3764	6.3671	0.01	4.0656	0.01	0.01
miR-1893-y	19	GGCGCGGGCCCTGGACCC	16	3	0	0	4	0	9	9.3764	0.01	0.01	4.0656	0.01	5.3925
miR-1380-x	18	CATCCCTTCTGGCTGAAC	15	8	5	0	0	0	0	25.0038	15.9177	0.01	0.01	0.01	0.01
miR-92-x	18	TGGGGTCGGCAGCAATGC	15	3	0	0	6	0	3	9.3764	0.01	0.01	6.0984	0.01	1.7975
miR-42-y	18	TCACCGGGTAAACATCTA	15	0	0	2	0	3	3	0.01	0.01	0.9613	0.01	1.5052	1.7975
miR-449-x	19	GTATTATTAGCTTGTGGT	15	0	2	0	0	3	5	0.01	6.3671	0.01	0.01	1.5052	2.9958
miR-1777-y	18	AGCGCGGGGGGCGGGGT	14	0	10	0	2	0	0	0.01	31.8355	0.01	2.0328	0.01	0.01
miR-2206-x	18	GCGGGCATAGCTCAGTGG	14	3	2	0	4	0	5	9.3764	6.3671	0.01	4.0656	0.01	2.9958
miR-61-y	18	AGACTGTTAATCTGCGTG	14	0	3	0	0	0	11	0.01	9.5506	0.01	0.01	0.01	6.5908
miR-6127-z	18	ATGAGGGAGGTGGTGGGA	14	0	0	0	8	2	0	0.01	0.01	0.01	8.1313	1.0035	0.01
miR-236-y	22	TAATACTGTCAAGTAAAGATGC	14	2	2	3	0	0	4	6.251	6.3671	1.4419	0.01	0.01	2.3967
miR-2887-x	19	CGGGACCGGGGTCCGGTGC	14	7	0	0	3	0	0	21.8784	0.01	0.01	3.0492	0.01	0.01
miR-9243-x	19	TGAACCTCCTGCACCGGGC	14	10	0	0	0	0	4	31.2548	0.01	0.01	0.01	0.01	2.3967
miR-9277-y	18	GTTTGAATCCTTCCGAGT	14	5	3	0	2	0	0	15.6274	9.5506	0.01	2.0328	0.01	0.01
miR-7386-x	19	CTGGAAAGGTAAGTCTATG	14	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-3961-y	18	GCCCTTAGCTCAGTTGGG	13	2	0	2	3	2	2	6.251	0.01	0.9613	3.0492	1.0035	1.1983
miR-2234-y	18	GTCATCATCTTGCGTTGA	13	0	0	6	3	2	2	0.01	0.01	2.8839	3.0492	1.0035	1.1983
miR-3150-x	19	CTCGCGGATCTCCCAAGCT	13	6	0	0	5	0	0	18.7529	0.01	0.01	5.082	0.01	0.01
miR-425-x	23	AATGACACGATCACTCCCGTTGA	13	0	6	2	0	0	0	0.01	19.1013	0.9613	0.01	0.01	0.01
miR-125-y	18	TCAGGATCTGGGGAGACA	13	2	0	0	0	0	6	6.251	0.01	0.01	0.01	0.01	3.595
miR-18-y	18	CTTACGTACTCCTTCTGG	13	2	6	0	5	0	0	6.251	19.1013	0.01	5.082	0.01	0.01
miR-2765-x	22	TTGGTAACTCCACCACCGTTGG	13	2	0	0	11	0	0	6.251	0.01	0.01	11.1805	0.01	0.01
miR-2310-x	18	TTTTTTGGGTTTGTTACT	13	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-6492-x	18	GACCGAAGTGGAGAAGGG	13	6	0	0	0	0	3	18.7529	0.01	0.01	0.01	0.01	1.7975
miR-35-y	18	TCACCGGGTAAACATTGC	13	4	0	5	0	2	0	12.5019	0.01	2.4032	0.01	1.0035	0.01
miR-3275-y	18	TTTATCTTGAGTAGGGC	13	0	0	0	0	3	0	0.01	0.01	0.01	0.01	0.01	1.7975
miR-1779-y	18	TGACGTGCACTGGAAACAC	13	0	0	0	6	3	4	0.01	0.01	0.01	6.0984	1.5052	2.3967
miR-6489-y	19	ACGGAAAGATGTCCAAACT	12	0	12	0	0	0	0	0.01	38.2026	0.01	0.01	0.01	0.01
miR-9886-y	18	GTAGGCGTCAGGGTGTGG	12	4	0	0	0	3	0	12.5019	0.01	0.01	0.01	0.01	1.7975
miR-1957-x	19	CAGTGGTAGAGTAGATGAC	12	0	3	3	0	0	0	0.01	9.5506	1.4419	0.01	0.01	0.01
miR-7058-x	18	GAAGGTGAGCGTGGAAGT	12	12	0	0	0	0	0	37.5057	0.01	0.01	0.01	0.01	0.01
miR-6654-y	19	CTGGGGATGAGATGGCAGG	12	12	0	0	0	0	0	37.5057	0.01	0.01	0.01	0.01	0.01
miR-196-x	18	TTTTGTGTTGTTGGGTC	12	4	0	2	4	0	2	12.5019	0.01	0.9613	4.0656	0.01	1.1983
miR-654-x	18	GGATAGGTGGTGGGCTTC	12	2	0	0	10	0	0	6.251	0.01	0.01	10.1641	0.01	0.01
miR-7439-y	18	ACTTCTCCAGTAGTTTCT	12	12	0	0	0	0	0	37.5057	0.01	0.01	0.01	0.01	0.01

miR-762-y	18	CGGGGCTTGGGGCGGGGC	12	5	0	0	2	0	0	15.6274	0.01	0.01	2.0328	0.01	0.01
miR-2320-x	18	CACGGGGTCCAGCTGAG	12	10	0	0	0	0	0	31.2548	0.01	0.01	0.01	0.01	0.01
miR-144-x	22	GGATATCATCATATACTGTAAG	12	6	0	0	0	0	2	18.7529	0.01	0.01	0.01	0.01	1.1983
miR-6749-x	18	GTCTGGGGTGTGGGAGC	12	0	0	2	0	2	4	0.01	0.01	0.9613	0.01	1.0035	2.3967
miR-542-y	22	TGTGACAGATTGATAACTGAAA	11	2	9	0	0	0	0	6.251	28.6519	0.01	0.01	0.01	0.01
miR-9802-y	18	CCCAAGGGTGGGGTTGTT	11	5	0	0	2	2	0	15.6274	0.01	0.01	2.0328	1.0035	0.01
miR-1255-x	18	AGGATGAGCAAGGAAACA	11	2	0	0	3	0	0	6.251	0.01	0.01	3.0492	0.01	0.01
miR-5100-y	18	GGTTCAAAATCCATCGGT	11	0	4	0	0	2	2	0.01	12.7342	0.01	0.01	1.0035	1.1983
miR-462-x	22	TAACGGAAACCATAATGCAGCT	11	0	4	0	7	0	0	0.01	12.7342	0.01	7.1148	0.01	0.01
miR-155-x	21	TTAATGCTAATTGTGATAGGG	11	2	2	0	0	2	2	6.251	6.3671	0.01	0.01	0.01	1.1983
miR-1576-y	18	TGGCGGGCGGAGCGGAAC	11	4	0	0	0	0	0	12.5019	0.01	0.01	0.01	0.01	0.01
miR-302-x	18	CATGGATGTATCTGCTGC	11	0	0	0	4	2	3	0.01	0.01	0.01	4.0656	1.0035	1.7975
miR-363-y	22	AATTGCACGGTATCCATCTGTA	11	7	2	0	0	0	0	21.8784	6.3671	0.01	0.01	0.01	0.01
miR-3375-y	18	TAACCTTTGAAAAGTTAGG	11	6	0	0	0	0	0	18.7529	0.01	0.01	0.01	0.01	0.01
miR-3620-x	18	AGCGGGCTGGCGGGGCT	11	3	0	0	0	2	4	9.3764	0.01	0.01	0.01	1.0035	2.3967
miR-149-y	18	GAGGGTCGGGGGTTGTGC	11	5	2	0	0	0	0	15.6274	6.3671	0.01	0.01	0.01	0.01
miR-5112-x	18	GTAGCTCAGCGGTAGAGA	11	0	2	0	7	0	0	0.01	6.3671	0.01	7.1148	0.01	0.01
miR-737-x	22	GTTTTTTTAGGTTTTGATTTTT	11	0	7	0	0	2	0	0.01	22.2848	0.01	0.01	1.0035	0.01
miR-4488-x	19	GGAGGGGGCGGGCTCCGGC	11	5	0	0	0	0	2	15.6274	0.01	0.01	0.01	0.01	1.1983
miR-6777-x	18	CCGGGAGTCAGACAGTGG	11	0	0	0	9	0	0	0.01	0.01	0.01	9.1477	0.01	0.01
miR-6624-y	18	CCGGAAAGGGCTTCTGTT	11	2	0	0	0	6	3	6.251	0.01	0.01	0.01	3.0104	1.7975
miR-6238-y	19	TATTAGTCAGCGGAGGAAA	10	0	3	0	3	0	0	0.01	9.5506	0.01	3.0492	0.01	0.01
miR-6703-y	18	GCAGAGCGCTGTAGGAGA	10	0	0	4	0	0	6	0.01	0.01	1.9226	0.01	0.01	3.595
miR-6894-x	18	GTTGGAGAGCCGGGCCAG	10	3	0	0	5	0	2	9.3764	0.01	0.01	5.082	0.01	1.1983
miR-432-y	18	CTGGAAGGCTCCGCCATG	10	5	0	0	5	0	0	15.6274	0.01	0.01	5.082	0.01	0.01
miR-6963-x	19	ATGGCTGGGAGAACCTGGA	10	3	0	0	0	7	0	9.3764	0.01	0.01	0.01	0.01	4.1941
miR-13-x	22	CTCCTCAAAGGGTTGTGATACG	10	2	0	2	0	0	3	6.251	0.01	0.9613	0.01	0.01	1.7975
miR-2285-y	18	CCCACGTGAACCTATTGG	10	3	0	0	3	2	2	9.3764	0.01	0.01	3.0492	1.0035	1.1983
miR-4502-y	18	TGATGATGATGATGATGA	10	3	0	0	0	0	4	9.3764	0.01	0.01	0.01	0.01	2.3967
miR-312-y	18	TGCACCTTGATACGGGCGG	10	2	0	4	0	0	2	6.251	0.01	1.9226	0.01	0.01	1.1983
miR-548-x	18	AAAAACAATCGCGGATTT	10	0	3	0	0	2	2	0.01	9.5506	0.01	0.01	1.0035	1.1983
miR-1814-x	19	ATGGTTTTTTGGTTTTGGT	10	0	0	0	3	3	2	0.01	0.01	0.01	3.0492	1.5052	1.1983
miR-9891-y	21	GGCTTCGTCCTCGTCGGCGGC	10	2	0	0	4	0	2	6.251	0.01	0.01	4.0656	0.01	1.1983
miR-128-x	21	CGGGGCCGTGTCACTGTATGA	10	4	0	2	0	0	4	12.5019	0.01	0.9613	0.01	0.01	2.3967
miR-365-y	22	TAATGCCCTAAAAATCCTTAT	10	8	0	0	0	0	0	25.0038	0.01	0.01	0.01	0.01	0.01
miR-1672-x	19	CGGTCAGGCCCGGAAGGGA	10	0	0	0	2	2	0	0.01	0.01	0.01	2.0328	1.0035	0.01
miR-3162-x	18	GGGGGTAGGAGGGTGGGG	10	0	0	0	8	0	2	0.01	0.01	0.01	8.1313	0.01	1.1983
miR-4945-x	18	GTTTTCTCTCTTTTCGT	10	10	0	0	0	0	0	31.2548	0.01	0.01	0.01	0.01	0.01
miR-484-z	21	TCAGGCTCAGTCCCTCCCGA	9	2	2	0	0	0	0	6.251	6.3671	0.01	0.01	0.01	0.01
miR-6645-x	18	GGGAGGCAGCAGTGGTGA	9	7	0	0	0	0	2	21.8784	0.01	0.01	0.01	0.01	1.1983
miR-6580-x	19	ATTGACTTCAGTGCTGACC	9	3	0	0	6	0	0	9.3764	0.01	0.01	6.0984	0.01	0.01
miR-5408-y	18	GGTTGGGGAGTTCGGAA	9	2	2	0	5	0	0	6.251	6.3671	0.01	5.082	0.01	0.01
miR-352-y	20	TGAGTAGTAGGTTGTATAGT	9	0	0	0	0	3	0	0.01	0.01	0.01	0.01	1.5052	0.01
miR-9299-x	19	TGCTTTGGATGGTGGATGT	9	3	0	2	0	0	4	9.3764	0.01	0.9613	0.01	0.01	2.3967
miR-1249-x	20	GAGGAGGGCGGGGATGGGAC	9	0	0	0	3	0	6	0.01	0.01	0.01	3.0492	0.01	3.595
miR-2325-y	18	TTTGATTGGTTTTGTGTT	9	0	2	0	3	0	0	0.01	6.3671	0.01	3.0492	0.01	0.01
miR-429-y	22	TAATACTGTCTGGTAATGCCGT	9	0	0	0	0	3	6	0.01	0.01	0.01	0.01	1.5052	3.595
miR-1587-x	20	GTGGCTGGGCTGGGTTGGGC	9	0	0	0	5	2	0	0.01	0.01	0.01	5.082	1.0035	0.01
miR-1199-x	18	CCTGAGCTGGGCCACGC	9	2	0	0	2	0	5	6.251	0.01	0.01	2.0328	0.01	2.9958
miR-190-y	18	CCAAGGAGTCTAACATAT	9	0	2	2	0	0	0	0.01	6.3671	0.9613	0.01	0.01	0.01
miR-374-x	22	TTATAATAACAACCTGATAAGTG	9	0	6	0	0	0	0	0.01	19.1013	0.01	0.01	0.01	0.01
miR-518-y	19	GAAGCACTTCCCTTTGGAC	9	6	3	0	0	0	0	18.7529	9.5506	0.01	0.01	0.01	0.01
miR-6511-x	18	CTGGAGGCAGCAGTGGGG	9	0	0	0	7	2	0	0.01	0.01	0.01	7.1148	1.0035	0.01
miR-7118-x	18	CAGGGGAACGCGGGAGAG	9	0	0	0	9	0	0	0.01	0.01	0.01	9.1477	0.01	0.01
miR-455-x	22	TATGTGCCCTTGGACTACATTG	9	6	0	0	0	0	0	18.7529	0.01	0.01	0.01	0.01	0.01
miR-265-y	19	ATTGATGGAGGAAGCGAAT	9	7	2	0	0	0	0	21.8784	6.3671	0.01	0.01	0.01	0.01
miR-375-x	18	TCACGCCGAGTCCGACGG	9	9	0	0	0	0	0	28.1293	0.01	0.01	0.01	0.01	0.01
miR-2439-x	18	TCTGGCCTGGCGGATGGT	9	7	0	0	0	0	0	21.8784	0.01	0.01	0.01	0.01	0.01
miR-275-y	23	TCAGGTACCTGATGTAGCGCGG	9	9	0	0	0	0	0	28.1293	0.01	0.01	0.01	0.01	0.01
miR-2566-y	19	TTATCTTGCCTTTCTAGAT	9	2	2	0	0	0	3	6.251	6.3671	0.01	0.01	0.01	1.7975
miR-5401-y	19	CGACGCGGTGCTGCTGTTTC	9	2	3	0	2	0	2	6.251	9.5506	0.01	2.0328	0.01	1.1983
miR-466-y	19	ACGCAATGCACGCACACAT	9	0	2	0	0	0	4	0.01	6.3671	0.01	0.01	0.01	2.3967
miR-6528-x	20	AGAGAGGGAGGTGGGAAGGA	9	0	2	0	3	0	2	0.01	6.3671	0.01	3.0492	0.01	1.1983

miR-6931-x	18	GTTGGGATTGGGGGACTT	9	0	0	0	7	0	0	0.01	0.01	0.01	7.1148	0.01	0.01
miR-6932-x	18	GGTGAAGTAGACTTGTCT	8	2	0	0	6	0	0	6.251	0.01	0.01	6.0984	0.01	0.01
miR-378-x	22	CTGGACTTGGAGTCAGAAGGCT	8	0	3	0	0	3	0	0.01	9.5506	0.01	0.01	1.5052	0.01
miR-6498-x	18	ACGGTCTCTGTTGTCGGAG	8	3	0	0	0	0	5	9.3764	0.01	0.01	0.01	0.01	2.9958
miR-14-y	21	TCAGTCTTTTCTCTCTCCTA	8	0	2	0	2	2	2	0.01	6.3671	0.01	2.0328	1.0035	1.1983
miR-3420-x	18	TACTGTTATAGCCTGGCT	8	2	0	0	0	3	3	6.251	0.01	0.01	0.01	1.5052	1.7975
miR-3224-x	18	CATCATCATGGCCTTCTCT	8	2	4	0	0	0	2	6.251	12.7342	0.01	0.01	0.01	1.1983
miR-36-x	18	ACAATGACGATCCGGTCA	8	2	0	0	4	2	0	6.251	0.01	0.01	4.0656	1.0035	0.01
miR-1599-y	18	GAGGGTTGAAAAAAGAA	8	4	4	0	0	0	0	12.5019	12.7342	0.01	0.01	0.01	0.01
miR-1250-x	18	ACGGTGTCTGGACGTGCC	8	8	0	0	0	0	0	25.0038	0.01	0.01	0.01	0.01	0.01
miR-7552-x	21	TTACAATTAAAGGATATTCT	8	0	8	0	0	0	0	0.01	25.4684	0.01	0.01	0.01	0.01
miR-8438-y	20	TTTAAGGAGCCTCTGGCAAG	8	3	0	0	3	0	2	9.3764	0.01	0.01	3.0492	0.01	1.1983
miR-7579-y	18	TGAGGACGACTAGAAATGC	8	2	0	4	0	0	0	6.251	0.01	1.9226	0.01	0.01	0.01
miR-4952-x	19	AGCCGGATCCGGTTGTTGC	8	4	0	0	4	0	0	12.5019	0.01	0.01	4.0656	0.01	0.01
miR-9235-x	19	TGATGGGTTGTGGGAGCC	8	0	2	2	2	4	0	0.01	0.01	0.9613	2.0328	2.0069	0.01
miR-3470-x	21	CACCTCTGTAACCAGGGTGGC	8	4	0	0	4	0	0	12.5019	0.01	0.01	4.0656	0.01	0.01
miR-8210-y	18	TCTACGAAAAAAGAAAT	8	4	2	0	2	0	0	12.5019	6.3671	0.01	2.0328	0.01	0.01
miR-9226-y	19	GGTCCCTGTTCCGGCGCCA	8	2	0	0	2	2	0	6.251	0.01	0.01	2.0328	1.0035	0.01
miR-2290-y	18	TCTGGTGTTCGGGTTGTG	8	6	0	0	0	0	0	18.7529	0.01	0.01	0.01	0.01	0.01
miR-3897-y	19	CGGGGGGGTGGGGGTGGGG	8	0	0	0	2	0	2	0.01	0.01	0.01	2.0328	0.01	1.1983
miR-1497-y	18	ATTGCGGGCGGTGGTCCCT	8	0	5	0	0	0	0	0.01	15.9177	0.01	0.01	0.01	0.01
miR-9188-y	19	GAACGGCCTGGAGCTGGAG	8	0	0	0	4	0	4	0.01	0.01	0.01	4.0656	0.01	2.3967
miR-6124-x	18	AAAGAAAGGGGAAGGAGA	8	4	0	0	2	0	0	12.5019	0.01	0.01	2.0328	0.01	0.01
miR-2981-y	18	GCGCGGGGCGGGCGGGGA	8	2	0	0	6	0	0	6.251	0.01	0.01	6.0984	0.01	0.01
miR-211-x	22	TTCCCTTTGTATCCTATGCCT	8	4	4	0	0	0	0	12.5019	12.7342	0.01	0.01	0.01	0.01
miR-1358-y	18	AACTGCTTTTATTGGGA	8	0	0	3	0	0	5	0.01	0.01	1.4419	0.01	0.01	2.9958
miR-204-x	22	TTCCCTTTGTATCCTATGCCT	8	4	4	0	0	0	0	12.5019	12.7342	0.01	0.01	0.01	0.01
miR-875-x	18	TCATCAGTTTTATCAGGT	8	0	3	2	3	0	0	0.01	9.5506	0.9613	3.0492	0.01	0.01
miR-2739-x	18	GTGGATATTCTAGTGTGG	8	0	5	0	0	0	0	0.01	15.9177	0.01	0.01	0.01	0.01
miR-8515-y	18	GTAATGGAAATTAATGGAA	8	8	0	0	0	0	0	25.0038	0.01	0.01	0.01	0.01	0.01
miR-2293-x	19	ATGTTTGTGATGTTTGTGA	8	0	3	0	0	2	0	0.01	9.5506	0.01	0.01	1.0035	0.01
miR-7023-x	20	GGTGGAGCTGGGGTTGGGCG	8	0	6	0	0	0	2	0.01	19.1013	0.01	0.01	0.01	1.1983
miR-1996-x	18	CAACTGAGGTCAGAACTT	8	0	4	0	0	0	0	0.01	12.7342	0.01	0.01	0.01	0.01
miR-136-x	23	ACTCCATTGTTTGTATGGA	8	0	4	0	0	0	4	0.01	12.7342	0.01	0.01	0.01	2.3967
miR-1926-y	18	ATTCTAAAAGAAAAAGGC	8	8	0	0	0	0	0	25.0038	0.01	0.01	0.01	0.01	0.01
miR-18-x	20	TAAGGTGCATCTAGTGCAGA	8	3	0	3	3	2	0	9.3764	0.01	0.01	3.0492	1.0035	0.01
miR-328-x	19	CAGGGGTGCAGGGGGGGCT	7	0	0	3	0	0	0	0.01	0.01	1.4419	0.01	0.01	0.01
miR-301-x	18	TACTCTGTCTTCATTGCA	7	5	0	0	2	0	0	15.6274	0.01	0.01	2.0328	0.01	0.01
miR-93-y	20	TACTCCTGAGCCAGCACTTG	7	0	4	0	0	0	0	0.01	0.01	1.9226	0.01	0.01	0.01
miR-7082-x	18	ACGGGCGGGAGGAGGGGC	7	0	0	0	0	0	7	0.01	0.01	0.01	0.01	0.01	4.1941
miR-106-y	20	CCGCACTGTGGTACTTGCT	7	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-5359-x	18	GGATTTTTATATTGGTA	7	0	0	0	7	0	0	0.01	0.01	0.01	7.1148	0.01	0.01
miR-4450-x	20	GGGGATTGTATAAGTGGTG	7	4	0	0	0	3	0	12.5019	0.01	0.01	0.01	1.5052	0.01
miR-2343-x	19	ATGGGAGACGGTGGAAACCT	7	0	0	0	2	0	5	0.01	0.01	0.01	2.0328	0.01	2.9958
miR-9365-x	18	ACTTGTCTTCGCCTGTGCG	7	7	0	0	0	0	0	21.8784	0.01	0.01	0.01	0.01	0.01
miR-5960-x	24	GTGGTCCGGATTGGAGGGTTATC	7	0	3	0	0	2	0	0.01	9.5506	0.01	0.01	1.0035	0.01
miR-1777-x	18	CTGGGGCGGTGGTGGGC	7	0	0	0	0	0	3	0.01	0.01	0.01	0.01	0.01	1.7975
miR-2022-y	22	TTTGCTAGTTGCTTTTGTCCCC	7	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-6781-x	19	ACGGGACGGAGGTCAAGGG	7	0	0	0	2	0	0	0.01	0.01	0.01	2.0328	0.01	0.01
miR-7444-y	18	TTAGGTGCAGCCTTGTGG	7	0	0	0	3	0	2	0.01	0.01	0.01	3.0492	0.01	1.1983
miR-4562-y	19	GCGTCGCGGTGCGTGGTCGG	7	2	0	0	5	0	0	6.251	0.01	0.01	5.082	0.01	0.01
miR-2284-x	18	GTTTGATTGGGTTTGTGCA	7	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-187-y	23	TCGTGTCTTGTTGCGCCACT	7	3	4	0	0	0	0	9.3764	12.7342	0.01	0.01	0.01	0.01
miR-2188-x	21	AAGGTCCAACCTCACATGTCC	7	0	0	2	0	2	0	0.01	0.01	0.9613	0.01	1.0035	0.01
miR-4787-x	18	GGTGGCGGTGGCGCGGC	7	0	0	0	0	0	5	0.01	0.01	0.01	0.01	0.01	2.9958
miR-427-y	18	CTATCTGTTGTGGGCGTT	7	2	2	0	0	0	3	6.251	6.3671	0.01	0.01	0.01	1.7975
miR-3059-y	18	TAGGGAGAGAGAGTTGG	7	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-6756-x	21	TGGGGTTGGCGGTGGGGCTGA	7	2	0	0	3	0	2	6.251	0.01	0.01	3.0492	0.01	1.1983
miR-3203-y	19	TGTCAGCTCAGTCGGTAGA	7	0	0	0	3	0	0	0.01	0.01	0.01	3.0492	0.01	0.01
miR-3484-x	18	TATTAGGTTTATGTTGTT	7	0	0	0	3	0	4	0.01	0.01	0.01	3.0492	0.01	2.3967
miR-1246-x	21	AATTGATTTTGGAGCAGGGA	7	0	3	0	0	0	0	0.01	9.5506	0.01	0.01	0.01	0.01
miR-470-x	18	CTGCTTGGACTTGGCACTC	7	4	0	0	0	0	0	12.5019	0.01	0.01	0.01	0.01	0.01
miR-9097-y	18	CGGGCGAGGGTTGGGAT	7	0	3	0	4	0	0	0.01	9.5506	0.01	4.0656	0.01	0.01

miR-4763-y	18	GCTGGTGCTGCCCGGGGA	7	4	0	0	3	0	0	12.5019	0.01	0.01	3.0492	0.01	0.01
miR-2701-x	18	TCCCGCAATGCCATCGGC	7	7	0	0	0	0	0	21.8784	0.01	0.01	0.01	0.01	0.01
miR-202-x	22	TTCTATGCATATACCTCTTTG	7	4	0	3	0	0	0	12.5019	0.01	1.4419	0.01	0.01	0.01
miR-10-y	18	GTAGGATTGACAGGTGA	7	2	0	2	3	0	0	6.251	0.01	0.9613	3.0492	0.01	0.01
miR-1701-x	21	TGGCTGGTTGGTTGGTTGGTT	7	0	0	0	5	0	2	0.01	0.01	0.01	5.082	0.01	1.1983
miR-6544-y	18	TATCTTTCTTTTCTGACA	7	5	0	0	2	0	0	15.6274	0.01	0.01	2.0328	0.01	0.01
miR-459-x	23	TCAGTAACAAGGATTCATCCTGT	7	0	0	0	4	0	0	0.01	0.01	0.01	4.0656	0.01	0.01
miR-986-x	18	GTCTCGAAAACCGTTGTG	7	0	5	0	0	0	2	0.01	15.9177	0.01	0.01	0.01	1.1983
miR-2438-x	18	GGTGTGGGCTGGAGCCGG	7	4	0	0	0	0	0	12.5019	0.01	0.01	0.01	0.01	0.01
miR-4154-y	20	ATTTTGTGGTTTTCGGAGC	7	0	0	0	0	3	0	0.01	0.01	0.01	0.01	1.5052	0.01
miR-672-y	18	ACAGTCGCCATCCTCGCA	7	3	0	0	0	0	4	9.3764	0.01	0.01	0.01	0.01	2.3967
miR-1388-y	23	ATCTCAGGTTCTGCAGCCATGT	7	0	5	0	0	0	2	0.01	15.9177	0.01	0.01	0.01	1.1983
miR-7044-x	18	GTCTGGTGGTGGTCGCGG	7	4	0	0	0	0	0	12.5019	0.01	0.01	0.01	0.01	0.01
miR-3234-x	18	CATGGGAACGATCATCGC	7	0	2	0	0	3	0	0.01	6.3671	0.01	0.01	1.5052	0.01
miR-1421-x	18	ATGGGCACATGAGCTACA	7	5	2	0	0	0	0	15.6274	6.3671	0.01	0.01	0.01	0.01
miR-505-x	19	TCCGGGTGATTGCGTGCCT	7	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-489-y	22	TGACATCATATGTACGGCTGCT	7	0	5	0	0	0	0	0.01	15.9177	0.01	0.01	0.01	0.01
miR-3547-x	19	CGGGGAGAGGGGTGGGGCC	7	0	0	2	3	2	0	0.01	0.01	0.9613	3.0492	1.0035	0.01
miR-6751-x	18	GGTGGGGTTGGTACTGG	7	0	2	0	0	2	0	0.01	6.3671	0.01	0.01	1.0035	0.01
miR-9787-y	19	AAAAGAGGTCGTTGGGTGC	7	2	2	0	0	0	0	6.251	6.3671	0.01	0.01	0.01	0.01
miR-2974-x	18	GGGGTGGGTGGGCCCGGG	6	0	0	0	0	0	6	0.01	0.01	0.01	0.01	0.01	3.595
miR-2779-x	22	TCGTATCCGGCTCGAAGGACCA	6	0	4	0	0	2	0	0.01	12.7342	0.01	0.01	1.0035	0.01
miR-5598-y	18	GGGTTCCAAGTCTCGTCGC	6	0	0	0	0	0	3	0.01	0.01	0.01	0.01	0.01	1.7975
miR-7935-y	18	CCCTTTTGTAGGGATT	6	0	6	0	0	0	0	0.01	19.1013	0.01	0.01	0.01	0.01
miR-4451-y	18	GTTGGCAGAGCTGAGGAC	6	0	4	0	0	0	0	0.01	12.7342	0.01	0.01	0.01	0.01
miR-138-y	22	CGGCTATTTACAAACCCAGGG	6	0	6	0	0	0	0	0.01	19.1013	0.01	0.01	0.01	0.01
miR-3003-y	18	TGCAAACTGTTTATGAAA	6	0	0	0	2	2	2	0.01	0.01	0.01	2.0328	1.0035	1.1983
miR-8935-x	21	TTTGCCGCTTCGTCCTCGGC	6	4	0	0	0	2	0	12.5019	0.01	0.01	0.01	1.0035	0.01
miR-9355-x	18	CTGTTGACTTGCCGGAGC	6	0	0	0	0	6	0	0.01	0.01	0.01	0.01	0.01	3.595
miR-79-x	22	CTTTGGTTATCTAGCTGTATG	6	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-4905-x	18	TGTGGATGACATTTTAGA	6	0	4	0	0	2	0	0.01	12.7342	0.01	0.01	1.0035	0.01
miR-184-x	18	ATCATTGTCTGGCCCTG	6	6	0	0	0	0	0	18.7529	0.01	0.01	0.01	0.01	0.01
miR-322-x	20	CAGCAGCAATTATGTTTTG	6	0	6	0	0	0	0	0.01	19.1013	0.01	0.01	0.01	0.01
miR-1790-y	18	GAGTGAGGGCTGTGGGGG	6	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-9195-y	18	GCTTTCGCGCGGGCGCT	6	4	0	2	0	0	0	12.5019	0.01	0.9613	0.01	0.01	0.01
miR-423-y	19	AAAGCTCGGTCTCAGGACC	6	0	0	0	3	0	0	0.01	0.01	0.01	3.0492	0.01	0.01
miR-8450-y	19	TTTGATTTTTTGATGGAA	6	0	0	2	4	0	0	0.01	0.01	0.9613	4.0656	0.01	0.01
miR-8110-y	18	CGTGGATGGGGGAGGGGG	6	0	2	0	4	0	0	0.01	6.3671	0.01	4.0656	0.01	0.01
miR-7221-y	18	AGTGCGGGCTGGGGACTG	6	6	0	0	0	0	0	18.7529	0.01	0.01	0.01	0.01	0.01
miR-2457-y	18	ACTGCCGAGCCGCGCTGA	6	0	0	0	6	0	0	0.01	0.01	0.01	6.0984	0.01	0.01
miR-71-y	20	TCTTACTACCCTGTCTTTCA	6	0	3	0	0	0	0	0.01	9.5506	1.4419	0.01	0.01	0.01
miR-6050-x	18	CGGGGGTGGAGGGTGGA	6	4	0	2	0	0	0	12.5019	0.01	0.9613	0.01	0.01	0.01
miR-29-x	22	CGGATTTCTTCTGGTTTTCGGA	6	2	0	0	0	0	4	6.251	0.01	0.01	0.01	0.01	2.3967
miR-7549-x	18	ATCGGCCGAGCGCGGCA	6	2	0	0	2	0	0	6.251	0.01	0.01	2.0328	0.01	0.01
miR-9805-y	19	CGCCCAGGGTTAGTCGGAT	6	0	0	3	0	0	3	0.01	0.01	1.4419	0.01	0.01	1.7975
miR-6619-x	18	AAAAGTGACGGAGCATTG	6	0	2	4	0	0	0	0.01	6.3671	1.9226	0.01	0.01	0.01
miR-82-y	23	TGAGATCATCGTGAACCCGGTT	6	0	0	2	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01
miR-6716-x	18	CTTGGGAATGGGGATGAG	6	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-3878-x	18	TGGACGGAGAACTGAATG	6	0	0	2	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01
miR-2110-x	18	AAGCTGCCTCTGAGTGAG	6	2	0	0	0	0	4	6.251	0.01	0.01	0.01	0.01	2.3967
miR-501-y	20	AATGCACCTGGGCAAGGATT	6	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-8982-x	18	CCGGGCCAGGACTTCAGC	6	2	4	0	0	0	0	6.251	12.7342	0.01	0.01	0.01	0.01
miR-8799-y	18	CATTCCGGGCCCGGGGGC	6	2	0	0	0	0	2	6.251	0.01	0.01	0.01	0.01	1.1983
miR-734-y	23	GTAATGCTGCAGAATCGTACCG	6	0	0	2	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01
miR-735-x	18	GGCTGGTCCGAAGGTAGT	6	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-9216-y	19	ATTCTGGATGGTGGACAAC	6	0	3	0	0	0	0	0.01	9.5506	0.01	0.01	0.01	0.01
miR-6863-y	18	CATCAACGTGGTGAAGGA	6	3	0	0	3	0	0	9.3764	0.01	0.01	3.0492	0.01	0.01
miR-132-y	22	TAACAGTCTACAGCCATGGTCG	6	0	0	0	0	4	0	0.01	0.01	0.01	0.01	2.0069	0.01
miR-4738-y	19	CTGCAGCGCCTGAAGGAGA	6	2	0	0	4	0	0	6.251	0.01	0.01	4.0656	0.01	0.01
miR-3102-x	18	GGTCAGGGTGGGGCTGGG	6	0	0	0	4	2	0	0.01	0.01	0.01	4.0656	1.0035	0.01
miR-182-y	22	GGTGGTTCTAGACTTGCCAAC	6	6	0	0	0	0	0	18.7529	0.01	0.01	0.01	0.01	0.01
miR-4806-y	18	GCATAGCTCAGGCCGTAG	6	0	0	2	0	4	0	0.01	0.01	0.9613	0.01	2.0069	0.01
miR-4848-x	19	GTTGTGTTGAAGCTTTGGG	6	0	0	0	2	4	0	0.01	0.01	0.01	2.0328	2.0069	0.01

miR-9883-x	18	AATTCGTGCGGGCTCTGG	6	0	2	0	0	0	4	0.01	6.3671	0.01	0.01	0.01	2.3967
miR-3151-x	19	TGACGGGTTCGGCAACGGG	6	0	0	0	6	0	0	0.01	0.01	0.01	6.0984	0.01	0.01
miR-8089-y	19	AACAGGGGATTGGGGCAGA	6	0	0	0	0	0	4	0.01	0.01	0.01	0.01	0.01	2.3967
miR-309-x	18	CTCAGTTTCAGTTGGTAGA	6	0	0	0	0	0	3	0.01	0.01	0.01	0.01	0.01	1.7975
miR-664-x	18	CGGCTGGGGATAAAGATT	6	6	0	0	0	0	0	18.7529	0.01	0.01	0.01	0.01	0.01
miR-508-y	18	CATGATTGTAGCCGATTG	6	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-1262-y	18	GGTGAATTTGTGGAAGGA	6	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-1502-x	18	AGCTTTCTGAGGAATAGG	6	6	0	0	0	0	0	18.7529	0.01	0.01	0.01	0.01	0.01
miR-3071-x	18	ATTGGAGACGATGATGGA	6	2	0	0	0	0	4	6.251	0.01	0.01	0.01	0.01	2.3967
miR-500-y	20	AATGCACCTGGGCAAGGATT	6	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-7045-x	19	AGAGGGTGGGGAGGGGAA	6	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-6494-x	19	GGAGGGCGCCGCGGTGAGC	6	0	0	0	4	0	0	0.01	0.01	0.01	4.0656	0.01	0.01
miR-731-x	22	AATGACACGTTTTCTCCCGGAT	6	0	A	0	2	0	0	0.01	0.01	0.9613	0.01	0.01	0.01
miR-306-x	21	CCAGGTAAGTGTGACTCTGA	6	0	0	0	2	0	2	0.01	0.01	0.01	2.0328	0.01	1.1983
miR-9211-y	18	TTGAGCCTGGCTGTGTTG	6	0	0	0	0	0	6	0.01	0.01	0.01	0.01	0.01	3.595
miR-502-y	20	AATGCACCTGGGCAAGGATT	6	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-4020-x	18	GTGGTGGGTGGGTGGTTG	6	0	0	2	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01
miR-4331-y	18	TGTTGTTGTGGTGTAGGC	6	0	0	0	0	3	3	0.01	0.01	0.01	1.5052	0.01	1.7975
miR-1564-y	18	CCTCCTCCGTCGTCTGG	6	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-2444-y	18	GTTTTGTGTTGTTGTTTG	6	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-6087-x	18	GGTGAGGCGGGGAGGCGA	6	0	4	0	0	2	0	0.01	12.7342	0.01	0.01	1.0035	0.01
miR-1226-x	18	GCAGGGCTGGAATGGGGCGC	6	0	0	0	2	0	2	0.01	0.01	0.01	2.0328	0.01	1.1983
miR-3290-x	20	AATTAAATATGATGTTGA	6	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-1469-x	18	CTCGGCGCTGGGCCCGGG	6	4	0	0	0	0	0	12.5019	0.01	0.01	0.01	0.01	0.01
miR-7084-y	18	CTCTGATCCCTGTTCTCT	6	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-4956-y	19	ATTGTCGCTGGGCAGAGCT	6	0	3	0	0	0	0	0.01	9.5506	0.01	0.01	0.01	0.01
miR-6922-x	19	GGTGTGGCAGGGGACTGTA	6	0	2	0	0	0	4	0.01	6.3671	0.01	0.01	0.01	2.3967
miR-7916-y	18	ATTCCAGAGCCTCGCGAT	5	0	0	0	0	5	0	0.01	0.01	0.01	0.01	0.01	2.9958
miR-2019-x	18	TCAAAGGGATCGCGTTGC	5	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-8875-x	19	GCGGACCCCGGGCAGGCGC	5	0	0	0	0	5	0	0.01	0.01	0.01	0.01	0.01	2.9958
miR-4667-x	20	TCTGACTGCCGATCAGAAGG	5	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-1822-x	18	TCGGTTACGCCGTCCGGTG	5	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-8158-y	19	CACTTGTAAGTTGTGAAACT	5	3	0	0	0	0	2	9.3764	0.01	0.01	0.01	0.01	1.1983
miR-8499-y	19	ATGCAATTTACAGGTTGA	5	0	5	0	0	0	0	0.01	15.9177	0.01	0.01	0.01	0.01
miR-64-x	18	AATATGACATTGTTGCTT	5	0	0	0	2	0	3	0.01	0.01	0.01	2.0328	0.01	1.7975
miR-292-x	19	ATACCTGGCGGACTTTTC	5	0	2	0	3	0	0	0.01	6.3671	0.01	3.0492	0.01	0.01
miR-210-x	23	AGCCACTGACTAACGCACATTGA	5	0	0	0	5	0	0	0.01	0.01	0.01	5.082	0.01	0.01
miR-23-x	20	CTGGGATCCTGGCCTGCTGA	5	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-9340-x	19	GGAATCGAGTGTAGAGGTG	5	0	2	0	0	3	0	0.01	6.3671	0.01	0.01	1.5052	0.01
miR-6836-y	18	TGCCCTCCCGGACCCGCG	5	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-84-x	19	GTAGTTTGGGAATGCTGCC	5	0	3	2	0	0	0	0.01	9.5506	0.9613	0.01	0.01	0.01
miR-3247-x	18	TTGTAAAAAGCATTGGT	5	0	0	0	5	0	0	0.01	0.01	0.01	5.082	0.01	0.01
miR-1607-x	20	TGGGGCGGACGGGTCGGGC	5	0	0	0	3	0	2	0.01	0.01	0.01	3.0492	0.01	1.1983
miR-306-y	19	ATCACCTCGGTATGTAAGC	5	5	0	0	0	0	0	15.6274	0.01	0.01	0.01	0.01	0.01
miR-374-y	22	CTTATCAGGTTGTATTGTAATT	5	0	3	0	0	0	2	0.01	9.5506	0.01	0.01	0.01	1.1983
miR-196-z	18	GTGGTTTATTTTGTGG	5	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-5689-x	18	ATACCTTGTAGTCCTAG	5	0	0	0	5	0	0	0.01	0.01	0.01	5.082	0.01	0.01
miR-4449-y	18	TCCCGGTCTGCGCGAGG	5	0	3	2	0	0	0	0.01	9.5506	0.9613	0.01	0.01	0.01
miR-3843-x	18	CAGGTGTTGATGTGTTT	5	0	0	0	0	3	0	0.01	0.01	0.01	0.01	1.5052	0.01
miR-998-y	19	AGAAACATGGAATTCAGCT	5	0	0	0	5	0	0	0.01	0.01	0.01	5.082	0.01	0.01
miR-286-x	20	ATGACGATTGTCGGTATGGT	5	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-4606-y	18	GCGTGCGGTGATGTGGAC	5	0	0	0	0	3	0	0.01	0.01	0.01	0.01	1.5052	0.01
miR-3655-x	18	GCTTGTCCCTTCGGTGTT	5	2	0	0	3	0	0	6.251	0.01	0.01	3.0492	0.01	0.01
miR-6959-x	18	GGAATCCTGTGTCGGGC	5	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-221-x	22	ACCTGGCATACAATGTAGATT	5	0	5	0	0	0	0	0.01	15.9177	0.01	0.01	0.01	0.01
miR-9081-x	18	ACAATACTGATGCCCGG	5	0	0	0	5	0	0	0.01	0.01	0.01	5.082	0.01	0.01
miR-3791-y	20	TCACCGGGTAAACATCATCT	5	2	0	3	0	0	0	6.251	0.01	1.4419	0.01	0.01	0.01
miR-7976-x	20	TGCCCTGAGACTTTTGTCTCT	5	0	0	0	5	0	0	0.01	0.01	0.01	5.082	0.01	0.01
miR-687-x	18	CTATCCTGGAAAGCTGCA	5	2	0	0	0	0	3	6.251	0.01	0.01	0.01	0.01	1.7975
miR-1837-y	18	CTTCTTAGAGGGACTGCG	5	0	0	0	5	0	0	0.01	0.01	0.01	5.082	0.01	0.01
miR-3145-y	18	GATGTTTTGAGGGTTTGG	5	0	2	0	3	0	0	0.01	6.3671	0.01	3.0492	0.01	0.01
miR-2951-y	22	CGTCAACCGGTTCCGTGACT	5	0	5	0	0	0	0	0.01	15.9177	0.01	0.01	0.01	0.01
miR-7648-y	18	CCAGGGCTGGGGCTGGGA	5	0	0	0	5	0	0	0.01	0.01	0.01	5.082	0.01	0.01

miR-4983-x	18	GCTCGTTTGGATTCTGG	5	0	0	0	5	0	0	0.01	0.01	0.01	5.082	0.01	0.01
miR-1711-x	18	AAGTGCTGCGTCTCTTCA	5	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-9106-x	18	CGAGGCCCTCGAGGAAGG	5	0	0	0	5	0	0	0.01	0.01	0.01	5.082	0.01	0.01
miR-1601-y	18	GTGTGGGCGCGTGACAGAG	5	2	3	0	0	0	0	6.251	9.5506	0.01	0.01	0.01	0.01
miR-885-y	18	GGGGCGTGGTGTAGTGG	5	0	0	0	0	5	0	0.01	0.01	0.01	0.01	2.5087	0.01
miR-2423-y	18	TGTTGTATGGTTGTTGTT	5	0	0	0	2	3	0	0.01	0.01	0.01	2.0328	1.5052	0.01
miR-989-y	19	TGTGATGTCAGGTAGTGGT	5	0	0	0	5	0	0	0.01	0.01	0.01	5.082	0.01	0.01
miR-195-x	21	TAGCAGCACAGAAATATTGGC	5	0	5	0	0	0	0	0.01	15.9177	0.01	0.01	0.01	0.01
miR-451-z	25	AAACCGTTACCATTACTGAGTTTAG	5	3	0	0	2	0	0	9.3764	0.01	0.01	2.0328	0.01	0.01
miR-1653-y	19	GAGCTGTGCTGCATGAAGG	5	5	0	0	0	0	0	15.6274	0.01	0.01	0.01	0.01	0.01
miR-2712-x	18	CGCGGGACCGGCAGCCGG	5	0	3	0	0	0	2	0.01	9.5506	0.01	0.01	0.01	1.1983
miR-5739-y	18	GCGGCGAGAGAATGGCGA	5	0	0	0	0	5	0	0.01	0.01	0.01	0.01	0.01	2.9958
miR-9403-y	19	GGTGAACAAGAGAAAAATAT	5	0	0	0	5	0	0	0.01	0.01	0.01	5.082	0.01	0.01
miR-4796-y	20	TGGCAGAGTGTAGACCCCAA	5	5	0	0	0	0	0	15.6274	0.01	0.01	0.01	0.01	0.01
miR-3055-y	18	GCAGTTCACCATAGCCG	5	0	0	0	5	0	0	0.01	0.01	0.01	5.082	0.01	0.01
miR-3336-y	18	GGTTTCGTGATCGCCGCG	5	5	0	0	0	0	0	15.6274	0.01	0.01	0.01	0.01	0.01
miR-205-y	18	TTTCGGTAGATGAAGAG	5	0	0	0	5	0	0	0.01	0.01	0.01	5.082	0.01	0.01
miR-2428-x	18	TGGCTAGAGTGGCGGAGA	5	0	0	0	0	2	0	0.01	0.01	0.01	0.01	0.01	1.1983
miR-520-y	18	AATTTCTTCCTTGATAG	5	5	0	0	0	0	0	15.6274	0.01	0.01	0.01	0.01	0.01
miR-8301-x	19	AGGATTGTTTGACCACTTT	5	0	0	0	5	0	0	0.01	0.01	0.01	5.082	0.01	0.01
miR-3621-x	18	ATGCGGGTCGGGGTCTCC	5	0	0	0	5	0	0	0.01	0.01	0.01	5.082	0.01	0.01
miR-542-x	19	TCTCGAGCATCATCATGTC	5	5	0	0	0	0	0	15.6274	0.01	0.01	0.01	0.01	0.01
miR-6587-y	19	TGGACGGGGTGCTGGAGGC	5	0	0	0	5	0	0	0.01	0.01	0.01	5.082	0.01	0.01
miR-7641-x	20	GAGCACGCCCAGTCTCGTCC	5	0	3	0	0	2	0	0.01	9.5506	0.01	0.01	1.0035	0.01
miR-412-z	18	GACCAGTTGGACAGGAAT	5	0	0	0	0	2	3	0.01	0.01	0.01	0.01	1.0035	1.7975
miR-361-x	20	TTATCAGAATCTCCAGGGGT	5	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-9407-x	18	GTGCGCTCAGTGGATAGA	5	0	2	0	0	3	0	0.01	6.3671	0.01	0.01	1.5052	0.01
miR-7046-y	18	CTGAACCAGCCATCCCGC	5	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-9424-y	19	AAAGCTTGATATCGAGGC	5	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-3064-x	20	GTCTGGGTGTTGTGGGGTGC	5	0	0	0	5	0	0	0.01	0.01	0.01	5.082	0.01	0.01
miR-6100-y	19	TCGGAAGGGAAGGTTGGGA	5	0	0	0	5	0	0	0.01	0.01	0.01	5.082	0.01	0.01
miR-2064-y	18	TTGCATGTGTGTTGGTCTT	5	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-616-y	18	CTTTGAGGGTTTTGAGCA	5	3	2	0	0	0	0	9.3764	6.3671	0.01	0.01	0.01	0.01
miR-574-y	19	GTGTGTGTGGGTGTGTGTG	5	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-7433-x	19	GTCAGTGTGCTGCTGCTGGG	5	0	0	0	0	2	0	0.01	0.01	0.01	0.01	1.0035	0.01
miR-7375-y	18	TTAAGGCGGGGAAGGGTA	5	3	0	2	0	0	0	9.3764	0.01	0.9613	0.01	0.01	0.01
miR-2417-x	18	GATGGAAGCACAGAAAAAT	5	3	0	0	2	0	0	9.3764	0.01	0.01	2.0328	0.01	0.01
miR-2506-y	21	TTTGACAGTATTCGGCCTGAAA	5	0	3	0	0	0	2	0.01	9.5506	0.01	0.01	0.01	1.1983
miR-6984-y	18	TCTTACCTGTCTTTTCGAG	4	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-7461-y	18	CTGGACGGTGGTCATGGA	4	4	0	0	0	0	0	12.5019	0.01	0.01	0.01	0.01	0.01
miR-8109-x	19	CCGCGTGCCGGCCGGGGGA	4	0	0	0	0	2	0	0.01	0.01	0.01	0.01	1.0035	0.01
miR-7181-y	18	CAGGACCACTCCAGGAC	4	4	0	0	0	0	0	12.5019	0.01	0.01	0.01	0.01	0.01
miR-1199-y	19	GTGCGGGCGGTGCTCAGCC	4	4	0	0	0	0	0	12.5019	0.01	0.01	0.01	0.01	0.01
miR-1643-y	19	AAAGTGCTGCATGTGGGGA	4	0	0	0	2	0	2	0.01	0.01	0.01	2.0328	0.01	1.1983
miR-8938-x	18	TTTGCTTTCTGGCGGCCG	4	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-7035-y	18	ATTCTGAGCCGCTGCCCC	4	0	0	0	0	0	4	0.01	0.01	0.01	0.01	0.01	2.3967
miR-153-x	18	TGTTATTTTGTGATCT	4	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-3688-y	19	AAAGGATTGGCACTCTTT	4	4	0	0	0	0	0	12.5019	0.01	0.01	0.01	0.01	0.01
miR-4075-x	19	CCTTGAGTTCTGAGCGGCT	4	0	0	0	4	0	0	0.01	0.01	0.01	4.0656	0.01	0.01
miR-9459-y	19	AAGGACTCAACGAGCAAAA	4	0	0	0	0	0	4	0.01	0.01	0.01	0.01	0.01	2.3967
miR-2891-x	18	TCTGTGGGCTGGGTTAGT	4	0	0	0	0	0	4	0.01	0.01	0.01	0.01	0.01	2.3967
miR-1247-x	18	ACCCGTGCGCTGCGTCCC	4	0	2	0	0	2	0	0.01	6.3671	0.01	0.01	1.0035	0.01
miR-135-y	19	CTTTGGTGGAAGTGAAAGA	4	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-7465-x	18	AGATAGCTGGTTCTCCGC	4	4	0	0	0	0	0	12.5019	0.01	0.01	0.01	0.01	0.01
miR-7373-x	20	CCTTCTGTGACGTAGTTCACT	4	2	0	0	0	2	0	6.251	0.01	0.01	0.01	1.0035	0.01
miR-9357-x	18	CCAAGACATGATGGAGGA	4	4	0	0	0	0	0	12.5019	0.01	0.01	0.01	0.01	0.01
miR-7334-y	18	TGACTCACTTTCTGAAC	4	4	0	0	0	0	0	12.5019	0.01	0.01	0.01	0.01	0.01
miR-605-x	20	CCCCCGGTGCCATCTCCTTG	4	0	0	0	2	0	0	0.01	0.01	0.01	2.0328	0.01	0.01
miR-1726-y	18	AAGCGTGTGGGTTAGGT	4	0	0	2	0	0	2	0.01	0.01	0.9613	0.01	0.01	1.1983
miR-1638-x	18	GTTTGTGTTGTTGTGTT	4	0	0	0	0	0	4	0.01	0.01	0.01	0.01	0.01	2.3967
miR-4577-y	18	AGGAGACCGATAGCGAAC	4	0	0	0	0	2	2	0.01	0.01	0.01	0.01	1.0035	1.1983
miR-7675-y	18	TGGTTCAATTGATCGTGA	4	2	0	2	0	0	0	6.251	0.01	0.9613	0.01	0.01	0.01
miR-8085-x	18	ATGGGAGAGGGAACGTGTG	4	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983

miR-9824-x	18	GGCGGATCGGGTCGGGGT	4	0	0	0	2	0	0	0.01	0.01	0.01	2.0328	0.01	0.01
miR-3805-y	18	ATGATTCCGGCGGTGATGG	4	0	2	0	0	0	2	0.01	6.3671	0.01	0.01	0.01	1.1983
miR-942-y	18	CATGGACGAAAGAGAGAA	4	0	4	0	0	0	0	0.01	12.7342	0.01	0.01	0.01	0.01
miR-58-y	18	GAGATCGTTCTGTACGTC	4	0	0	0	2	0	2	0.01	0.01	0.01	2.0328	0.01	1.1983
miR-22-x	22	AGTTCTTCAGTGGCAGGCTTTA	4	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-514-x	19	ACGAGGGAGGAAATCATGT	4	0	0	0	4	0	0	0.01	0.01	0.01	4.0656	0.01	0.01
miR-3668-x	18	AGAGGTTGATCAAAAGAG	4	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-6937-x	18	CTCTAAGGGCTGGGTCGG	4	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-8863-x	19	CCCCTGGGAGCTGGAGCGC	4	0	0	0	4	0	0	0.01	0.01	0.01	4.0656	0.01	0.01
miR-2127-y	19	CCCGGAGGGCGGGAGGGC	4	0	0	2	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01
miR-151-x	21	TCGAGGAGCTCACAGTCTAGT	4	0	0	0	0	2	2	0.01	0.01	0.01	0.01	1.0035	1.1983
miR-7018-x	19	GAAAGGGAGAGGTGGGGGA	4	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-7477-x	18	GCGTTGATCGGGGCTGGG	4	0	0	0	0	2	0	0.01	0.01	0.01	0.01	1.0035	0.01
miR-3936-y	19	GTAAGGGGTGTTTGCCAGA	4	0	0	0	0	4	0	0.01	0.01	0.01	0.01	2.0069	0.01
miR-3149-y	20	TATGGATATGTGTGTATATA	4	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-7030-x	19	CCTGGTGAGGTGGCTGTGG	4	0	0	0	4	0	0	0.01	0.01	0.01	4.0656	0.01	0.01
miR-9890-x	18	CGAAGAATGTAGATAAAA	4	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-1809-x	18	GGAAGTTTGGCAGAGCGG	4	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-2575-y	18	TCAGCGACATCAGTGGCA	4	4	0	0	0	0	0	12.5019	0.01	0.01	0.01	0.01	0.01
miR-3419-y	19	CCTTTGATACTGAAAACT	4	4	0	0	0	0	0	12.5019	0.01	0.01	0.01	0.01	0.01
miR-1322-y	18	ATCATGCTGCTGATGGTG	4	2	0	0	0	0	2	6.251	0.01	0.01	0.01	0.01	1.1983
miR-6602-x	19	GGGGTTGCAGAGGTGCGAG	4	0	0	0	4	0	0	0.01	0.01	0.01	4.0656	0.01	0.01
miR-76-y	18	ATTGCTTGTGTATGATGA	4	0	0	2	0	0	2	0.01	0.01	0.9613	0.01	0.01	1.1983
miR-2898-y	18	GTGGTGGAGATGCCGGAG	4	0	0	4	0	0	0	0.01	0.01	1.9226	0.01	0.01	0.01
miR-7471-y	18	CCCGTGCAAGTCTGTGGC	4	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-3720-x	18	CATACGGTCATGAGTTCA	4	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-2708-y	18	ATTTAAAAAGAGTGGGGA	4	0	0	2	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01
miR-8806-y	18	TTGAGATTTGAGAGGACC	4	0	0	0	4	0	0	0.01	0.01	0.01	4.0656	0.01	0.01
miR-678-y	18	TCTCGGGGCTAGGGCTGG	4	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-3478-x	18	GTTTGAATCCTACCCGGT	4	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-5893-y	20	CAAATTGATGAACTCCGAAT	4	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-3473-y	18	ACATAAGTGAGCCTGGGG	4	0	0	0	2	0	0	0.01	0.01	0.01	2.0328	0.01	0.01
miR-8940-y	21	TATGTGCCGGAGATGGATCAG	4	0	4	0	0	0	0	0.01	12.7342	0.01	0.01	0.01	0.01
miR-7847-y	19	AAGGACGAGGATGAGCCCG	4	0	2	0	0	0	2	0.01	6.3671	0.01	0.01	0.01	1.1983
miR-5335-y	20	GTCCGCGTTCCCGTCGGTCC	4	0	0	0	0	2	0	0.01	0.01	0.01	0.01	1.0035	0.01
miR-9458-x	19	CGCAAAAGATGGAGAGTGCA	4	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-186-x	22	CAAAGAATTCTCCTTTTGGGAA	4	0	4	0	0	0	0	0.01	12.7342	0.01	0.01	0.01	0.01
miR-7047-x	18	CTGAGGGAGGAGGGCTGTC	4	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-795-x	18	ATTGATCAGCCAGATTGA	4	0	0	0	0	0	4	0.01	0.01	0.01	0.01	0.01	2.3967
miR-7388-x	18	TTACAGATTTTACATTT	4	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-7011-x	18	ATGGGAGAGGGAACGTGTG	4	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-1621-y	18	TCGCCGTGCTGTCGCGCA	4	0	0	0	4	0	0	0.01	0.01	0.01	4.0656	0.01	0.01
miR-4433-y	19	AAAGGAGTGGAGGGTGGGA	4	0	0	0	2	2	0	0.01	0.01	0.01	2.0328	1.0035	0.01
miR-327-x	21	ATCCTTGAGGGCGGTGAGGGC	4	0	0	0	4	0	0	0.01	0.01	0.01	4.0656	0.01	0.01
miR-8318-x	18	GATCGATGAAGACGTGA	4	0	2	0	0	2	0	0.01	6.3671	0.01	0.01	1.0035	0.01
miR-2060-y	18	AGCGGCAGGGAAAGATGT	4	0	4	0	0	0	0	0.01	12.7342	0.01	0.01	0.01	0.01
miR-1662-x	23	TTGACATCATCACTTGGGATA	4	0	4	0	0	0	0	0.01	12.7342	0.01	0.01	0.01	0.01
miR-9105-x	18	TGAGGCTTCGGGATTGGG	4	0	0	0	0	4	0	0.01	0.01	0.01	0.01	2.0069	0.01
miR-2149-y	20	TCAGCAGTTGTCCAATGATG	4	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-3162-y	18	CTCCCCACCCCTCCACCC	4	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-4932-x	19	AGGGGATCAACTAAAAGGG	4	0	0	0	2	0	2	0.01	0.01	0.01	2.0328	0.01	1.1983
miR-7398-x	20	GTAGGGGCGAGTAAGATACC	4	2	0	0	0	0	2	6.251	0.01	0.01	0.01	0.01	1.1983
miR-4459-x	19	AGGCGGAGGAGTCGGAGGT	4	0	0	0	2	0	2	0.01	0.01	0.01	2.0328	0.01	1.1983
miR-2967-y	19	ACATCAAAATGGGAGAGGA	4	2	0	2	0	0	0	6.251	0.01	0.9613	0.01	0.01	0.01
miR-460-x	21	CCTGCATTGTACACACTGTGC	4	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-6562-x	18	AAGGAGTGTGCTGTAGTG	4	4	0	0	0	0	0	12.5019	0.01	0.01	0.01	0.01	0.01
miR-1207-x	18	AGGGAGGAAGGAGCGGC	4	2	0	0	0	0	2	6.251	0.01	0.01	0.01	0.01	1.1983
miR-6092-y	18	ATGGACAAGGCTTTGGTC	4	0	0	0	2	0	2	0.01	0.01	0.01	2.0328	0.01	1.1983
miR-7415-x	18	TTCTGTTCTCTGAGAGCG	4	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-2031-x	19	ACTCTATTATGGAACATT	4	2	0	2	0	0	0	6.251	0.01	0.9613	0.01	0.01	0.01
miR-509-y	19	TTGGTACGCTGGAGGAAG	4	0	0	0	0	0	4	0.01	0.01	0.01	0.01	0.01	2.3967
miR-1489-x	21	TAGGTAAACCACGGATTGCTT	4	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-4825-x	18	CAGGGATTGGGGTGGGGG	4	0	0	2	0	2	0	0.01	0.01	0.9613	0.01	1.0035	0.01

miR-7351-x	19	TAAAGGCAACCTTTGTTCC	4	2	0	2	0	0	0	6.251	0.01	0.9613	0.01	0.01	0.01
miR-1351-y	20	GGCATTGGCTGGGGCTGGTC	4	2	2	0	0	0	0	6.251	6.3671	0.01	0.01	0.01	0.01
miR-1549-x	18	CTCGCCGGGCTCGGTGGT	4	2	0	0	0	0	2	6.251	0.01	0.01	0.01	0.01	1.1983
miR-8513-y	18	GTTTAAAGTTTTTCTCGG	4	0	0	0	0	0	4	0.01	0.01	0.01	0.01	0.01	2.3967
miR-2284-y	20	CAAAAGTTTGTTCGGTTATT	4	0	0	0	4	0	0	0.01	0.01	0.01	4.0656	0.01	0.01
miR-2130-y	18	CCGGTGGAGCTCTTCAAG	4	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-3656-y	20	CCGGCGGGTGCGGGGGTGGG	4	0	0	0	4	0	0	0.01	0.01	0.01	4.0656	0.01	0.01
miR-3746-y	18	AACGCGGAGAAGATGGTA	4	0	0	0	4	0	0	0.01	0.01	0.01	4.0656	0.01	0.01
miR-1958-y	19	ATAGTGGATGCAGTAAGTT	4	0	0	0	4	0	0	0.01	0.01	0.01	4.0656	0.01	0.01
miR-7464-y	19	CACTGCAGTGAGCCATTGG	4	0	0	0	0	4	0	0.01	0.01	0.01	0.01	2.0069	0.01
miR-1538-y	18	ACCGGGCTGCTGCTGGTC	4	0	0	0	2	0	2	0.01	0.01	0.01	2.0328	0.01	1.1983
miR-4749-x	18	CTGCGGGGAACAGGCTAGG	4	0	0	0	4	0	0	0.01	0.01	0.01	4.0656	0.01	0.01
miR-5393-x	18	TTGGTTCCAGAAGAGTCTA	4	0	0	0	0	0	4	0.01	0.01	0.01	0.01	0.01	2.3967
miR-200-z	22	TAATACTGTCTGGTAAAGATGT	4	0	0	2	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01
miR-1908-y	19	CCGCTGCTCCGCCACGGC	4	4	0	0	0	0	0	12.5019	0.01	0.01	0.01	0.01	0.01
miR-5902-y	19	AGAGAAGCGTTGTCAAAGT	4	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-7054-x	18	GTGGTTGGGATGAGTATT	4	0	4	0	0	0	0	0.01	12.7342	0.01	0.01	0.01	0.01
miR-2340-y	18	GAGGACTACCGTGGTGGT	4	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-239-x	22	ATTGTAATCCGGCTAAGGTGCT	4	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-342-y	23	TCTCACACAGAAATCGCACCCAT	4	0	0	0	0	2	0	0.01	0.01	0.01	0.01	1.0035	0.01
miR-3682-y	19	ATGATGATACAGATGGAGA	4	0	0	0	4	0	0	0.01	0.01	0.01	4.0656	0.01	0.01
miR-8408-x	22	TAATTATATTATATATATAGA	4	0	4	0	0	0	0	0.01	12.7342	0.01	0.01	0.01	0.01
miR-1839-x	18	AGGTAGGAAGAACAGGTC	4	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-1375-x	18	CTTCTGTTGGGCATGCT	4	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-763-x	18	GCCGGGAACAACCAAGTGG	4	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-2115-y	21	TTCAATTAGAATTCATTGAGGC	4	0	0	4	0	0	0	0.01	0.01	1.9226	0.01	0.01	0.01
miR-7307-x	18	CACATTGCGCTCTGGGGA	4	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-8269-y	18	TTCATCGGCGCCCTCAGG	4	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-6879-x	20	AAAGGGCAGGGAAGGTGGGA	4	2	2	0	0	0	0	6.251	6.3671	0.01	0.01	0.01	0.01
miR-216-y	19	ATAACGGCTGATGGTTACT	4	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-87-x	18	TGGAACCTAGACTCAATA	4	2	0	0	0	2	0	6.251	0.01	0.01	0.01	1.0035	0.01
miR-2136-y	21	TCTGGGTGTTGACTTAAATGT	4	0	0	0	4	0	0	0.01	0.01	0.01	4.0656	0.01	0.01
miR-8243-x	19	CGGGGGCAGAGTGGCTATG	4	0	0	0	0	0	4	0.01	0.01	0.01	0.01	0.01	2.3967
miR-3575-y	20	CGATACTAGGTAGTTGGTGA	4	0	0	0	0	4	0	0.01	0.01	0.01	0.01	2.0069	0.01
miR-6926-x	18	GAAGTGGGGTGAGGGATG	4	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-6134-y	21	TGAGGTAGTAGGATGTATAGT	4	0	0	2	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01
miR-422-x	18	GACTGCGGATCAGAAGGC	4	2	0	0	0	0	2	6.251	0.01	0.01	0.01	0.01	1.1983
miR-1614-y	18	GGAGGAATGCCCGGCATA	4	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-61-x	18	TACAGTTTGTAGTTTCT	4	0	0	0	0	2	0	0.01	0.01	0.01	0.01	1.0035	0.01
miR-6848-x	20	CTGGGGGGTGGGAAGGGCCA	4	4	0	0	0	0	0	12.5019	0.01	0.01	0.01	0.01	0.01
miR-4968-y	18	CAGCAACAGCAACAGCAG	4	4	0	0	0	0	0	12.5019	0.01	0.01	0.01	0.01	0.01
miR-672-x	18	GTTTGGGGTGCTGTGTGT	4	4	0	0	0	0	0	12.5019	0.01	0.01	0.01	0.01	0.01
miR-339-x	19	CTCCCTGTCGTCCAAGAGC	4	0	0	0	0	2	0	0.01	0.01	0.01	0.01	1.0035	0.01
miR-3276-x	18	TTAGTGTTTGTGTAAAGT	4	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-6896-x	19	AGGCTACGAGAACCTGTGC	4	4	0	0	0	0	0	12.5019	0.01	0.01	0.01	0.01	0.01
miR-2302-y	18	AAGGAGCGGGCGCAGGAC	4	2	2	0	0	0	0	6.251	6.3671	0.01	0.01	0.01	0.01
miR-3490-y	18	CTTTGGGTTCTGGGGAGA	4	4	0	0	0	0	0	12.5019	0.01	0.01	0.01	0.01	0.01
miR-7083-y	18	CTCTGATCTCCTGCACCC	4	4	0	0	0	0	0	12.5019	0.01	0.01	0.01	0.01	0.01
miR-7211-x	18	TCCCTGTCCCACTCCACC	4	4	0	0	0	0	0	12.5019	0.01	0.01	0.01	0.01	0.01
miR-767-x	19	GCACCCTGGTAGTCTGAGC	4	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-4000-x	19	AACCTCCAATGAACAGGCC	4	2	0	0	0	0	2	6.251	0.01	0.01	0.01	0.01	1.1983
miR-4701-y	18	AGGGGTGGTGGGTGGT	4	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-8207-y	18	GAAGAAAGAGAGAAGGAGG	4	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-9816-y	18	TCCGAAAGGATTTGGGTA	4	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-1546-x	18	TATAGGGTTCTGAGAGG	4	4	0	0	0	0	0	12.5019	0.01	0.01	0.01	0.01	0.01
miR-6760-x	18	TGCAGGGCGAAGCTGGAA	4	0	0	0	4	0	0	0.01	0.01	0.01	4.0656	0.01	0.01
miR-9169-y	18	GGTGATGTAGCTCAAGTC	4	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-3761-x	19	GTTTCGATTCGCGGCCCTCG	4	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-4591-x	19	GGCGATCGAGTTGCATGCA	4	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-2436-y	19	CGTCCGACCGCTCGTCCA	4	0	0	0	0	0	4	0.01	0.01	0.01	0.01	0.01	2.3967
miR-6793-x	19	GGTTTGGGTTGGGGTGA	3	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-253-y	18	AGTTGGGGTTGTGGGAAG	3	0	0	0	3	0	0	0.01	0.01	0.01	3.0492	0.01	0.01
miR-674-x	21	GCACTGAGATGGGAGTGGTGT	3	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01

miR-4875-y	18	AATGCAAAGTAGAAAAACC	3	3	0	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-45-y	18	CTAGAGGAAAATTCAACCA	3	0	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-719-x	19	TATCTCGACTGCAGAAAAA	3	3	0	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-563-y	19	GCTGATATACATTTCGCTG	3	0	3	0	0	0	0	0	0.01	9.5506	0.01	0.01	0.01	0.01
miR-4860-y	18	ATTGTGTGGCGGGTAGTT	3	3	0	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-1897-x	19	TGAATGGCGAAAGAGGGGG	3	0	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-7889-y	18	TTGAGGAAAGTGATGACA	3	0	0	0	0	0	3	0	0.01	0.01	0.01	0.01	0.01	1.7975
miR-7111-x	19	CTGGGGGAGGAAGCAGAGG	3	0	0	0	0	3	0	0	0.01	0.01	0.01	3.0492	0.01	0.01
miR-499-x	21	TTAAGACTTGCAGTGATGTTT	3	0	3	0	0	0	0	0	0.01	9.5506	0.01	0.01	0.01	0.01
miR-5101-y	19	TTTTTTTTTGTTTTGGTGA	3	0	0	0	0	3	0	0	0.01	0.01	0.01	3.0492	0.01	0.01
miR-2007-y	18	TCCAGTTTACACCAGAAA	3	3	0	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-3150-y	19	GGAGATCCTCGAGCTCGGC	3	3	0	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-7258-y	19	CTGCGATCCGGGCCCTTTT	3	0	0	0	0	0	3	0	0.01	0.01	0.01	0.01	0.01	1.7975
miR-8409-y	18	ATCGTTTTGCGCTCGTCG	3	0	0	0	0	3	0	0	0.01	0.01	0.01	3.0492	0.01	0.01
miR-3054-x	19	AGTGGATTCTGCTGTGAC	3	0	0	0	3	0	0	0	0.01	0.01	0.01	3.0492	0.01	0.01
miR-1816-x	18	GTTTTGTGTTGTGTTTG	3	3	0	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-3477-x	23	TAATCTCATTTGGTAACGTGAG	3	0	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-6720-y	18	CGCCTGCTGGTACTGGTA	3	3	0	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-6923-x	19	GAGGGCAGGAGGAATAGGG	3	0	0	0	0	0	3	0	0.01	0.01	0.01	0.01	1.5052	0.01
miR-3525-x	18	TGCTCGGATTCTGTGAT	3	0	3	0	0	0	0	0	0.01	9.5506	0.01	0.01	0.01	0.01
miR-6812-x	18	GATGGGGAAAGATGGGGA	3	0	0	0	0	0	3	0	0.01	0.01	0.01	0.01	1.5052	0.01
miR-8335-x	18	ACATCCTGACGCCTCAGG	3	3	0	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-8391-x	18	TTGTCCGCTCGTGGA AAA	3	0	3	0	0	0	0	0	0.01	9.5506	0.01	0.01	0.01	0.01
miR-1261-x	18	AATGGATAAGGCTTCGGC	3	0	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-7203-x	18	GTGGACTGTTTGAGAGTG	3	0	0	0	0	3	0	0	0.01	0.01	0.01	3.0492	0.01	0.01
miR-3229-y	18	ATCTTCTGGAGACCGGA	3	0	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-2763-y	18	TTATCCTCATTTTCATTGG	3	0	0	0	0	3	0	0	0.01	0.01	0.01	3.0492	0.01	0.01
miR-4520-y	18	AAAAAACTCGCAGGAAGA	3	0	0	0	0	0	3	0	0.01	0.01	0.01	0.01	1.5052	0.01
miR-425-y	18	GCCAACGTGAATGTCGTG	3	0	0	0	0	0	3	0	0.01	0.01	0.01	0.01	0.01	1.7975
miR-3124-x	18	TTCGCGGCCGAAGGTAAA	3	0	0	0	0	0	3	0	0.01	0.01	0.01	0.01	1.5052	0.01
miR-7659-x	18	CGGGCTCCAGATTCTCTGC	3	3	0	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-3959-x	23	GGTTGATCAGAGAACATACATT	3	0	3	0	0	0	0	0	0.01	9.5506	0.01	0.01	0.01	0.01
miR-8209-y	18	TTCTTCTCCCTTTGTTTT	3	0	0	0	0	0	0	3	0.01	0.01	0.01	0.01	0.01	1.7975
miR-1376-y	18	AGCATGTGGGCTGTGTA	3	0	0	0	0	0	0	3	0.01	0.01	0.01	0.01	0.01	1.7975
miR-6914-x	19	CATGGGGTGGTGGTGGACA	3	0	0	0	0	3	0	0	0.01	0.01	0.01	3.0492	0.01	0.01
miR-7185-x	18	CATGATCAGGATCTGCCG	3	3	0	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-3934-x	18	AGGTGTGGATTCTGCGGC	3	0	0	0	3	0	0	0	0.01	0.01	1.4419	0.01	0.01	0.01
miR-3256-x	18	TGGTTATGATTTCGCTT	3	0	3	0	0	0	0	0	0.01	9.5506	0.01	0.01	0.01	0.01
miR-411-x	23	GGTTGATCAGAGAACATACATT	3	0	3	0	0	0	0	0	0.01	9.5506	0.01	0.01	0.01	0.01
miR-8915-y	18	GGCCTGCTGGAGGTGACG	3	0	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-1795-x	18	ATGAAGATCTGGCCTGTC	3	0	0	0	0	0	3	0	0.01	0.01	0.01	0.01	0.01	1.7975
miR-9383-x	18	GCAGATCAAGCGCGAGCA	3	0	3	0	0	0	0	0	0.01	9.5506	0.01	0.01	0.01	0.01
miR-7022-x	18	CCCAGGCAAGGAAGGGCT	3	0	0	0	0	3	0	0	0.01	0.01	0.01	3.0492	0.01	0.01
miR-3191-y	20	GGACGAAGCTGGCCAGGCAG	3	0	0	0	0	3	0	0	0.01	0.01	0.01	3.0492	0.01	0.01
miR-59-y	18	ATCGACACGCTTGATGCT	3	0	3	0	0	0	0	0	0.01	9.5506	0.01	0.01	0.01	0.01
miR-625-y	18	AGAACTTCCCCCTTAATC	3	3	0	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-134-y	18	TCTGGGCTGGCTCGACAC	3	3	0	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-7435-x	18	TTTGTGTATGTCGTTGCA	3	0	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-669-y	18	ACATACACAAAAACATCT	3	3	0	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-1728-y	20	GCTTCTGTAGCTCAGCCAGC	3	3	0	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-1838-x	18	CACTGTCGTTCCCTGGC	3	0	3	0	0	0	0	0	0.01	9.5506	0.01	0.01	0.01	0.01
miR-2139-y	19	AGCCGGGCTGCTCCTGGTA	3	3	0	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-6773-x	19	CCCTGGAGCAAACAGGATT	3	3	0	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-2502-x	18	GGCTGCGGCAGCAACAGC	3	3	0	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-1934-y	18	ACGGTCCGGCTGGCGAGA	3	0	0	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-5858-x	19	AATCGCTTTGGAATAGGAC	3	3	0	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-7287-y	18	CTGTGATGCCCTTTAGAT	3	0	0	0	0	0	3	0	0.01	0.01	0.01	0.01	0.01	1.7975
miR-7467-y	19	ACCACCGACACCACGCTGA	3	0	3	0	0	0	0	0	0.01	9.5506	0.01	0.01	0.01	0.01
miR-3189-y	18	TTGGGACTGATGGAGTAG	3	0	3	0	0	0	0	0	0.01	9.5506	0.01	0.01	0.01	0.01
miR-4851-y	18	TTATTACTTGCTTTGGGG	3	0	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-8959-x	18	TCGAATCCTGGGGTCACC	3	0	3	0	0	0	0	0	0.01	9.5506	0.01	0.01	0.01	0.01
miR-8430-y	18	ATCATGGAAGAAAAAAA	3	3	0	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-4668-x	18	GGGAAAAGAGAGGATT	3	0	0	0	0	0	0	3	0.01	0.01	0.01	0.01	0.01	1.7975

miR-357-y	18	ATCCCAGTCGGTGCTGGA	3	0	3	0	0	0	0	0.01	9.5506	0.01	0.01	0.01	0.01
miR-3642-y	18	CGAAGCGGTCACTCTGCT	3	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-3751-y	18	TCGTGGTGGGAAGTGGGGG	3	0	0	0	3	0	0	0.01	0.01	0.01	3.0492	0.01	0.01
miR-7590-x	18	GGTTTTAAAGGTTCTGTTG	3	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-1285-y	25	TGCACTCCAGCCTGAGCAACATAGC	3	0	0	0	3	0	0	0.01	0.01	0.01	3.0492	0.01	0.01
miR-6858-x	18	GGAGAGGGGCTGGCAGGG	3	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-885-x	22	TCCATTACACTACCCTGCCTCT	3	0	0	0	3	0	0	0.01	0.01	0.01	3.0492	0.01	0.01
miR-6990-y	18	AGCCCTCCCTCGTCTGG	3	0	0	0	3	0	0	0.01	0.01	0.01	3.0492	0.01	0.01
miR-8356-x	18	TTGTGACTCGCATGAATG	3	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-4134-x	18	AAACAGTCAGTGTGAATA	3	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-747-x	20	TAATCTCAGCTGGTAAATGA	3	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
let-7-z	22	TGAGGTAGTTGTTGTACAGTT	3	0	3	0	0	0	0	0.01	9.5506	0.01	0.01	0.01	0.01
miR-8376-y	18	TTTGCAACCTATCTGGGA	3	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-6047-y	18	AGCACAGGTCAGTCGGTC	3	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-511-x	19	ATCTTTTGCTCTGCCGTCA	3	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-6700-x	18	TTTTCAGGAGAGGTGGCT	3	0	0	0	3	0	0	0.01	0.01	0.01	3.0492	0.01	0.01
miR-7632-x	18	ATACTGTCCCGGATATCGG	3	0	0	0	0	0	3	0.01	0.01	0.01	0.01	0.01	1.7975
miR-722-x	21	ATTTGAAACGTTTTAGCCAAA	3	0	3	0	0	0	0	0.01	9.5506	0.01	0.01	0.01	0.01
miR-7461-x	18	TGATCAGGCATGCCATGA	3	0	0	0	0	0	3	0.01	0.01	0.01	0.01	0.01	1.7975
miR-1501-y	19	ATGCTGTACCAGCAAGGGCT	3	0	3	0	0	0	0	0.01	9.5506	0.01	0.01	0.01	0.01
miR-2015-y	20	CACCTCTCCCTCATGCATGA	3	0	0	0	3	0	0	0.01	0.01	0.01	3.0492	0.01	0.01
miR-3887-x	18	ATGGTGTGACATAAAAA	3	0	3	0	0	0	0	0.01	9.5506	0.01	0.01	0.01	0.01
miR-9844-y	18	ATGTTCCAGTGTGGATG	3	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-6545-x	19	AGAGAACGGCTGCAGCTTC	3	0	0	0	3	0	0	0.01	0.01	0.01	3.0492	0.01	0.01
miR-1417-y	18	TTACCCGGTGCGGAGAGC	3	0	0	0	0	0	3	0.01	0.01	0.01	0.01	0.01	1.7975
miR-7455-y	18	CCCTCCCTCCGTGCTCGC	3	0	0	0	0	3	0	0.01	0.01	0.01	0.01	1.5052	0.01
miR-8902-x	19	CACATCCATTCTATCTCC	3	0	0	0	0	0	3	0.01	0.01	0.01	0.01	0.01	1.7975
miR-3065-y	18	CAGGATGCTTTGGAGAG	3	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-2979-y	19	TCCTTGGCTTCTTCTGCTT	3	0	3	0	0	0	0	0.01	9.5506	0.01	0.01	0.01	0.01
miR-1908-x	18	GCGGCAGGACGGAGAGATT	3	0	3	0	0	0	0	0.01	9.5506	0.01	0.01	0.01	0.01
miR-9189-x	18	CGTGTGTCCGTGACCAGG	3	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-7856-x	18	TTTAAGGACACTGAAGGG	3	0	0	0	3	0	0	0.01	0.01	0.01	3.0492	0.01	0.01
miR-7467-x	18	CAGCGCGCTGGTGATGGA	3	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-9819-x	19	GGGAGCGCGACCGTCCGGA	3	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-8338-y	18	ACTCCGTTAGTAGTGGA	3	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-7704-x	18	ATGTCGGCGCGGACGTGC	3	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-4658-y	18	GTGGATCCTGGCGAAAC	3	0	0	0	0	0	3	0.01	0.01	0.01	0.01	0.01	1.7975
miR-215-y	23	TCTGTCACTCTGTAGCCCAATTA	3	0	3	0	0	0	0	0.01	9.5506	0.01	0.01	0.01	0.01
miR-556-x	18	ATGGACATCTGTAATTAT	3	0	0	0	0	0	3	0.01	0.01	0.01	0.01	0.01	1.7975
miR-3236-x	18	AAACAAGTCGTTTATTT	3	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-5096-x	23	GGGTTTCACCATGTTGGTCAGGC	3	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-7675-x	18	AAGGAAAAGATGAAGAGC	3	0	0	0	3	0	0	0.01	0.01	0.01	3.0492	0.01	0.01
miR-992-y	18	CCCTCTTTTGGACCCAAG	3	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-3187-y	21	ATGGCCATGGGGCTGGGCGGG	3	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-4198-x	18	ATGATGTTAGTTTAAAGA	3	0	0	0	0	0	3	0.01	0.01	0.01	0.01	0.01	1.7975
miR-8908-y	18	AGTACCTGTATGGGCAGA	3	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-6406-x	18	CCGCGACCTCACGCTGAA	3	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-4037-x	18	AATCCACTCGTCTGTACC	3	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-1228-x	18	GATGGCGCGGGGAGGTG	3	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-8309-x	19	AGCAATGCGTTACGCTGAC	3	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-1915-x	18	CTTGCCCTCGCGCCCGGG	3	0	0	0	3	0	0	0.01	0.01	0.01	3.0492	0.01	0.01
miR-2424-y	21	TCITTAGTAATCTGATGGCTT	3	0	0	0	0	3	0	0.01	0.01	0.01	0.01	1.5052	0.01
miR-2484-y	18	TGATGACTTGAATTGCAT	3	0	0	0	0	3	0	0.01	0.01	0.01	0.01	1.5052	0.01
miR-451-y	18	AGTAATAGTAAGGATTCT	3	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-7305-y	19	ATCTGCCCTCCTTTTGGAT	3	0	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-5358-x	19	TTATGTGATTGCGCTGGCA	3	0	0	0	0	0	3	0.01	0.01	0.01	0.01	0.01	1.7975
miR-6847-y	18	CTCAGGAGTCTGTCTCT	3	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-8398-y	18	TTAAGCAGCAATGAAAGA	3	0	3	0	0	0	0	0.01	9.5506	0.01	0.01	0.01	0.01
miR-639-y	19	GCGGTTCGCGCGCGGCTGG	3	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-2360-y	20	CGCGGGCGGGAGGGTGGAGG	3	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-997-y	18	AAGCTCATTTGATTTTGA	3	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-9283-x	18	TCTGGCCTTGACGCTGAG	3	0	3	0	0	0	0	0.01	9.5506	0.01	0.01	0.01	0.01
miR-6939-x	19	CCAGGAACCTGGTTGGTGG	3	0	0	0	3	0	0	0.01	0.01	0.01	3.0492	0.01	0.01

miR-7349-y	19	AAGTATTTTATTCAGACCA	3	0	3	0	0	0	0	0.01	9.5506	0.01	0.01	0.01	0.01
miR-5132-x	18	CGGCTGGGGTTGTGGAC	3	0	0	0	0	3	0	0.01	0.01	0.01	0.01	1.5052	0.01
miR-9343-y	18	TTAGTAACTGATAGCTA	3	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-274-x	23	TTTGTGACCGTCACTAACGGGCA	3	0	0	0	0	0	3	0.01	0.01	0.01	0.01	0.01	1.7975
miR-6821-x	18	GTGGTGGGTCGAGGCCGG	3	0	0	0	0	0	3	0.01	0.01	0.01	0.01	0.01	1.7975
miR-9094-y	20	TGACCTTTCTCGGCCTAGGA	3	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-876-y	18	GGTGGTCAACAAAGTAAT	3	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-2943-x	18	TAAGTAGGCAGTTGCCGG	3	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-7069-x	20	TTAGGGGGCCTGAGAGGGTG	3	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-2537-y	18	ATAGTCGCCTGTCTTTTG	3	0	0	0	0	0	3	0.01	0.01	0.01	0.01	0.01	1.7975
miR-9185-x	18	GCCGCGGAATGAACCAGC	3	0	0	0	0	0	3	0.01	0.01	0.01	0.01	0.01	1.7975
miR-2316-x	18	ACCCGGCCTGGACTGCGG	3	0	0	0	3	0	0	0.01	0.01	0.01	3.0492	0.01	0.01
miR-2235-x	18	ATTCTGTCCGGTCTGGCC	3	0	0	0	0	0	3	0.01	0.01	0.01	0.01	0.01	1.7975
miR-200-x	22	CATCTTACCGGACAGTGCTGGA	3	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-936-x	20	ACAGGAGGGGGAGGATTGCG	3	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-8970-y	18	GGCTGTAGCGTCCGCTCC	3	0	0	0	0	0	3	0.01	0.01	0.01	0.01	0.01	1.7975
miR-507-y	19	GATTGGGACTGTTTGAGT	3	0	0	0	3	0	0	0.01	0.01	0.01	3.0492	0.01	0.01
miR-4937-x	20	CTGGGAGGGGTTGGCGGT	3	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-8082-x	18	ATTATGGAGCTGGGAACA	3	0	0	0	3	0	0	0.01	0.01	0.01	3.0492	0.01	0.01
miR-9066-x	18	CATAACAGTCTGATCCT	3	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-2361-x	18	GTTGTGTTGTTTGTGTTT	3	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-4676-x	19	CAGTGGTGGGACAATGAGT	3	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-6727-x	18	CGGGGCTGGCGCTGGGT	3	0	0	0	0	0	3	0.01	0.01	0.01	0.01	0.01	1.7975
miR-6544-x	19	ATTTAGAAATGGATATGAA	3	0	3	0	0	0	0	0.01	9.5506	0.01	0.01	0.01	0.01
miR-7430-y	18	AGCAAGGGAAGGGAGTCG	3	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-1227-x	18	TGGCCAGGCGGTGGTTGG	3	0	0	0	0	3	0	0.01	0.01	0.01	0.01	1.5052	0.01
miR-3739-y	18	GGACGGAGAGAGAGCAGC	3	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-4447-y	18	GTGGGACTGTTGTTTC	3	0	0	0	0	0	3	0.01	0.01	0.01	0.01	0.01	1.7975
miR-6574-x	20	TCCTTGACTTTTCTGATGAC	3	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-4624-x	18	GCCGCGGTGGGTCCGGC	3	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-636-y	18	CTTGCTGCTCGCCTGCTC	3	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-7671-y	19	ATCGAGCAGGCGGAGAACC	3	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-6354-x	18	CCCTAGGGGTCAGGTCTC	3	0	0	0	3	0	0	0.01	0.01	0.01	3.0492	0.01	0.01
miR-6535-x	18	GTTAAGGGGAGCGGTTAG	3	0	0	0	0	0	3	0.01	0.01	0.01	0.01	0.01	1.7975
miR-4862-y	18	CAGATACAGGCATAAACT	3	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-4826-y	21	ACACTTCAAATCGGATCGGCT	3	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-3967-y	21	TACTTGTCTGACTGATGTTGG	3	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-7589-y	18	TTTGGAATGGAGGATTTC	3	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-7306-x	18	GGTAGGATTGGTGAGGAG	3	0	0	0	0	0	3	0.01	0.01	0.01	0.01	0.01	1.7975
miR-3661-x	18	CTCGACCTGGGACTCGGC	3	0	0	0	0	0	3	0.01	0.01	0.01	0.01	0.01	1.7975
miR-2373-x	18	CCCCGGCCCCGGCTCGGC	3	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-3613-x	20	TGTGTACTTTTTTTTGT	3	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-1655-x	18	TGGTATTGGGTAATGAT	3	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-7086-x	18	AAGTGGAGAAAGTTTGA	3	0	0	0	0	0	3	0.01	0.01	0.01	0.01	0.01	1.7975
miR-1690-x	18	CAGAGGCCAAGGAGAACT	3	0	0	0	0	3	0	0.01	0.01	0.01	0.01	1.5052	0.01
miR-7472-x	18	GGTGGAGATGTAGCTGGA	3	0	0	0	3	0	0	0.01	0.01	0.01	3.0492	0.01	0.01
miR-7446-x	18	CATGTCGACCTCCTCGCG	3	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-7012-x	18	GGAGAGGGGCTGGCAGGG	3	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-4866-y	18	TAGCAGACTAGTGTGAC	3	0	3	0	0	0	0	0.01	9.5506	0.01	0.01	0.01	0.01
miR-4561-y	18	TTTTGGTGATTATATTGA	3	0	0	0	0	3	0	0.01	0.01	0.01	0.01	1.5052	0.01
miR-3156-x	19	AGAACGATCTGGAAGGGGG	3	0	0	0	3	0	0	0.01	0.01	0.01	3.0492	0.01	0.01
miR-3963-x	19	TATCCCACTCCTGACACAG	3	0	0	0	3	0	0	0.01	0.01	0.01	3.0492	0.01	0.01
miR-6887-x	19	ATGGGTGACCGATGGAGA	3	0	0	0	3	0	0	0.01	0.01	0.01	3.0492	0.01	0.01
miR-2421-x	18	TATCTTGTGTTTCGTGT	3	0	0	0	3	0	0	0.01	0.01	0.01	3.0492	0.01	0.01
miR-4784-x	18	TTGAGGAGATGCTGGAAC	3	0	3	0	0	0	0	0.01	9.5506	0.01	0.01	0.01	0.01
miR-2561-y	19	ACAGCGGACGGCAGAAAAG	3	0	3	0	0	0	0	0.01	9.5506	0.01	0.01	0.01	0.01
miR-6973-x	20	GTAGGTATGGGGAAAGGAGA	3	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
miR-1895-y	19	CGAGAAGGTCGAGGAGGAG	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-4962-y	20	GACGATGTGGAGAGTGATGG	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-8087-x	18	AATTCCTGGATTAAAGGG	2	0	0	0	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01
miR-1422-y	18	GGAAAAAGGTCATGACT	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-2481-x	18	GTTGTCTGGTGGGTTGTG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-100-y	18	GTTCCGATTCTCGGGTAGG	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01

miR-7281-x	18	TAATAGGCTATAAGTAAA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-4869-y	18	CCTGTCGTCACACGGCA	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-9538-y	18	GACGAAATCAGTCAGAAT	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-7448-x	19	TCATCGTTCATGGTCTCCA	2	0	0	2	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01
miR-6717-x	19	GCGATGTGGGGACGGAGAG	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	1.0035	0.01
miR-6515-x	18	AATTGGAGAGTGTGGAAG	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-3223-y	18	CTCTGGGGAGGATAATGG	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-3778-y	18	TAGTTGGATGTTTTGTGC	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-4089-x	18	TGGAATGGATGTGGTTT	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	1.0035	0.01
miR-26-y	19	CTGTTCTTGAGTACTGGTT	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-2840-x	18	TATGGAAGAAGAGGAGGA	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-1668-y	18	TGGCTCCTTCTCTGCAGG	2	0	0	2	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01
miR-155-y	18	GTCCCTGCCCGTTCGCA	2	0	0	2	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01
miR-2390-x	18	ATGTTGTTGTTTTTGTT	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-3726-x	18	TGGTGGATGCCATCGGT	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-3148-x	19	GATGAAAAAACTGTTGTG	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-186-y	18	TAAGGTGAATTTTCGGT	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-7001-x	18	GGAAGGGTGTAGCGAGA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-8059-x	19	GGGTAACGTGTAGATGAAAC	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-9145-y	18	GCGTTGAATTCTGACGA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-9261-y	20	AAAACGCCGTGGCGCGCGGG	2	0	0	0	2	0	0	0.01	0.01	0.01	2.0328	0.01	0.01
miR-6846-x	18	GCTGGGAGCTGGATGAGG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-2400-y	18	CAGCACAGGCATCTAGGA	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	0.01	1.1983
miR-4051-y	18	CAAGGTCGCGGTGATCGA	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-7219-y	19	ATCCGGGTTTCGACCACAC	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-7088-x	18	GTGCTGGAGAGGAGGGGA	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-2686-y	18	GATGATCTCGATGTAGGC	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-8906-x	18	GTTTGGCTGGGCGGCAT	2	0	0	2	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01
miR-4971-x	19	GTGGATGAGCTTCTCAGTG	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-4922-y	19	TCTATAGAAGTCTCCTATT	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-7074-x	18	TTGGAAGAGGCTAGGACT	2	0	0	2	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01
miR-3534-x	18	GTTGTGGGTTGACATTGC	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	1.0035	0.01
miR-944-y	18	ATTATTGGATATCAGAT	2	0	0	2	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01
miR-1765-x	18	CGGACCGCAGCCCTCGCG	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	0.01	1.1983
miR-4717-y	18	ATGGGTGGCTCTGGCCTA	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-2069-y	19	AGGCGCTCGCAGCCGTGGA	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-6994-x	18	CACAAAGGTGGGCTAAGC	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-2024-y	18	ACATCACCTACGTTCTGA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-7475-x	18	CCGCCGCCGCCGCCCTA	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-1463-y	18	TATCATGCTTTGATGAGA	2	0	0	0	2	0	0	0.01	0.01	0.01	2.0328	0.01	0.01
miR-6359-y	19	ATGTTGCCAGCGTCAGAA	2	0	0	2	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01
miR-3280-x	18	ACATCCCGGTGGTCATGG	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-9046-x	18	AGCTGTTGAAGAACTGGC	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-5429-y	18	ATTATCCTGGAGGACCT	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-7037-x	18	GCCACCGGAGATGATGGT	2	0	0	2	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01
miR-6309-y	18	CTTCATGTTCTTCTTCGT	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-6762-x	18	GGGCTATGGCCGAGCCTG	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-2723-y	18	TCCAGTGGTGGACGTCTG	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-5352-y	18	ACCTGATGTACGACTGC	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-4970-x	18	AGCACCCGTTGCTGGCGG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-9551-y	18	ATCACAGCATTCTACTGA	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-990-x	18	ATTACCGTTCTGCGTGG	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-6865-x	19	ATGGGTGCGAGGGGAGGGA	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	1.0035	0.01
miR-6121-y	18	GATGAACGACACTGAGGG	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	1.0035	0.01
miR-8523-x	19	AAAGATGGTTATCGGTTCA	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	1.0035	0.01
miR-6785-x	21	GGAGGGCGTCGGTGATGGTG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-141-y	21	TAACACTGTCTGGTAACGATG	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-9092-x	18	TGGCCATCGTGCCAGCGG	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-4687-y	19	CTGGTGGAGGGGGAAGGCT	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-2351-x	19	AATGGTGATTGTAATTGT	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-4481-x	18	GGAGTGGCGGGTGGTGT	2	0	0	0	2	0	0	0.01	0.01	0.01	2.0328	0.01	0.01
miR-6367-y	18	TGAGACCTGGATCAGAA	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	1.0035	0.01
miR-8-x	22	CATCTTACCTTGACGATTAGA	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	1.0035	0.01

miR-369-y	18	CTACAGGGTTGATCTTTT	2	0	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-409-x	20	AGGTTACCCGAGCAACTTTG	2	0	2	0	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-8325-y	20	GATTGGCATCAGGGGGTCGG	2	0	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-608-x	18	CCAGGGTTGGGGTTGGGA	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-1298-x	19	ATTCCGGTTGTGCAGATGTA	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-6493-y	18	GGGCAACCGCTCTGAGCG	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	0.01	1.0035	0.01
miR-2164-y	18	TTGTGCGTGACATCAAGG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-8196-y	18	TAATTTTTCTTGGGGACT	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-7036-x	22	GGGGGTTCCGTTGGGGAAGGGAC	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-2332-y	18	GGTTTGGGGTCTTGGAGA	2	0	0	0	2	0	0	0.01	0.01	0.01	2.0328	0.01	0.01	0.01
miR-3200-y	21	CACCTTGCCTACTCAGGTCT	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-7958-x	20	AAAGTTATGGGGTCAAAAAG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-1586-x	19	GTCTGCTCGGGTGGGTGG	2	0	0	0	2	0	0	0.01	0.01	0.01	2.0328	0.01	0.01	0.01
miR-3496-x	19	ACGGCTTCGGGACGTTTGG	2	0	0	0	0	2	2	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-3775-x	19	GGTGGATGAGGAGGTTGTA	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	0.01	1.0035	0.01
miR-2808-y	18	CGAGGAGATCCGGTGAGT	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01	0.01
miR-2201-y	18	ATCTGTGGAAGCTGGAGC	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-2229-y	18	GGAAGACAGAAAGTACT	2	0	0	0	2	0	0	0.01	0.01	0.01	2.0328	0.01	0.01	0.01
miR-2510-x	18	AAAACAATGGATACTAGA	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01	0.01
miR-551-y	18	CAAACTGGTTTCACTGA	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-1331-x	19	ATCGGGTGGGAGGGTGGTG	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	0.01	1.0035	0.01
miR-7379-y	18	ATCTGGAATGCTTTAATGG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-752-x	18	CCAAAGTGATGCTGAATA	2	0	0	2	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01	0.01
miR-504-y	19	AAGGGAGAGCATGGGAGGG	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01	0.01
miR-9099-y	18	GCAAGCAGGTCTGGAGAA	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-2042-y	20	CATTGAGGATTGATGAAGGT	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-6365-y	18	TTTAATTATTGTTGGT	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-421-x	18	TAATTGTTTGTGATTGA	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01	0.01
miR-584-x	19	GATGGTTGGCTGGGACTG	2	0	0	2	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01	0.01
miR-8343-y	18	TGGGCCGCTGTTGACCGC	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-7945-y	19	TCAAAGGACCTTCTCAGG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-7943-y	18	GGTGGAATGTGTGTGTA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-6739-x	18	TGGGCAAGAGAAAGAAGA	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-9193-y	18	CTCAGGGACTCCACGAGT	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01	0.01
miR-2532-y	19	GGGGGGCGGTTGCCTATGG	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-8489-y	22	CAAATTCAGAGGTAACGGCACA	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	0.01	1.0035	0.01
miR-7914-y	18	TGATGAAAAGAAGAAAAG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-612-x	18	CTGGGCAGGTCTTCTGTG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-7429-y	19	CATTGGACTGGCTGCATG	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-2979-x	19	TCCAGAATCTTTCAAGTGA	2	0	0	0	2	0	0	0.01	0.01	0.01	2.0328	0.01	0.01	0.01
miR-2387-x	18	AAGGCCTGCCTCTGCAGC	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-7248-y	19	CAACCGGACCACGCTCGGC	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-8240-x	18	TGGGGGAGCGTGTGGACG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-5326-y	18	CAGACGTAGCAACAAT	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-3944-y	19	TTTCGGCTGGCCTGTTGC	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01	0.01
miR-1258-y	19	GGGGAATTAGCTCAGCGGT	2	0	0	0	2	0	0	0.01	0.01	0.01	2.0328	0.01	0.01	0.01
miR-196-y	19	CACCTCAGGAACATAAAACT	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-9079-y	20	CAGTTCGTCATCAACCTGCT	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-8358-y	19	TGCCCGGATTCTGGAAGT	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-7215-x	19	CTTCATGTCCATGCTGAGC	2	0	0	2	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01	0.01
miR-8163-x	22	TTTCTGACCATGAGACCTGGGT	2	0	0	2	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01	0.01
miR-3160-x	18	GGGCTTTGTAGTCTCACC	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-4602-y	19	ATTACATTTTTTGAAGGA	2	0	0	2	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01	0.01
miR-2962-x	18	GAGGAGCGTCGAAGGGGA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-2978-x	18	TGGGATGGGGAAGGGCCG	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-5130-x	19	TTGCAGCGCGGGGCGGAGG	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-6891-x	18	AAGGAGGAGGAAGAGGGG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-749-x	22	GCCCGGATGAGCCTCGGTGGTC	2	0	0	0	2	0	0	0.01	0.01	0.01	2.0328	0.01	0.01	0.01
miR-8448-x	20	AACGACGTCGAATTCGGCT	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-1287-x	18	GATCCGTGGTTCGAGTCC	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-3297-y	18	GCAATATTGTAACTCAG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-7552-y	19	ATATCTTGGAAATTATTGG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-2131-x	18	ATGCAGAAGAGCAAAGAA	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01

miR-6946-x	18	ACAAGGGAGAGCAAGAAA	2	0	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-3812-y	18	GCTCATCATCATTTAGCA	2	0	0	0	0	2	0	0	0.01	0.01	0.01	0.01	1.0035	0.01
miR-2785-y	19	ATGCAGAGCTGAACGAGGC	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-2767-x	18	AATCTCGTGGCGCTTGAC	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-1830-y	20	GCCTAGGAAATGAAAAAACC	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-1600-y	18	CTGGGCTGACTACTGAGG	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01	0.01
miR-1229-x	18	GGGTTAGGGTTTGGGGGA	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	2.0328	0.01	0.01
miR-4713-y	19	AATGCGATCAAGACAGTGG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-7144-x	21	ACTTTCCCGGAATTTGAAGCG	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01	0.01
miR-6048-y	18	ATAGGCCAGGTAGACCGA	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-962-x	18	GAGAAATTGTTATTGTCT	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-599-x	20	GTTTGATAAGCTGATAAGGG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-8213-y	18	CTTTTGCTCGGTGGAACA	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-6826-x	18	AATGGGAAAGAGGTGGGA	2	0	0	0	2	0	0	0.01	0.01	0.01	0.01	2.0328	0.01	0.01
miR-3211-y	18	GGTCAGCGGTTAGTCCGG	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	0.01	1.0035	0.01
miR-9001-x	18	CAGTCTGCCGGCTGTGAG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-9232-x	18	TTAGATGTTCTGGGTCGC	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-723-y	22	AGACATCAATTAATCTGTGCT	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01	0.01
miR-2115-x	18	CATGAATCCTCATGGAGG	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01	0.01
miR-6121-x	18	CCTCGGAGCGCCCTCGAC	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-2295-y	18	GTCGGGGTGGGAAAAAGG	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01	0.01
miR-3588-y	18	AAGTTGGGGTCTCAGGGT	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-3549-y	22	TCATCTCGCCCGCAAAAGACCCA	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01	0.01
miR-705-x	19	AAGGTGGGAGGTGGGGAGG	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-9790-y	18	CGAGAATTGAGGTGCGACA	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-7318-y	19	GGTATAGAAATCTGAGGTC	2	0	0	0	2	0	0	0.01	0.01	0.01	0.01	2.0328	0.01	0.01
miR-2518-y	19	GCACGGGTTCGATCTGGGC	2	0	0	0	2	0	0	0.01	0.01	0.01	0.01	2.0328	0.01	0.01
miR-8457-x	19	GGGGTGGATATGATCGGTG	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-5009-y	19	TATCCTAAGTCTGAAAGTT	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	0.01	1.0035	0.01
miR-5964-y	19	CTATCAACTGTCGACTGTC	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-1391-y	18	ACCCGGTCTGGCGCTGTC	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-6334-y	19	CAGGTTCTCCCAGCCGCCG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-9246-y	18	CTTGCAAGTTTCGTGGGG	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-2344-y	18	ACGAAGATGGCGGATCAG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-1469-y	18	CGGCAACATGGTCGCGAA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-4685-y	18	CTCCCTCCTGCGCTGGC	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-7028-x	18	TGAGGATTGGGCCAGGAG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-1252-x	19	AAAGTAGGATATTGAATTC	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-745-x	18	CTGGCTCTGGGCTGCAAG	2	0	0	2	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01	0.01
miR-1667-x	18	CGAGATTCTGACAAAATG	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-3185-x	19	AGTCGGTCGGTATGCGGGA	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-1273-x	21	ATGATGTTGAGGCTGCAGTGG	2	0	0	0	2	0	0	0.01	0.01	0.01	0.01	2.0328	0.01	0.01
miR-8271-y	19	AGGATAGATAAATGATAGA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-5356-y	18	ACTCGCGAGGTGGGAGGA	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-6758-x	19	AGAGAGGGGAGGGATGAGA	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01	0.01
miR-279-x	19	TTAGTGGCTGGGGCTCCAG	2	0	0	2	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01	0.01
miR-517-x	18	TCTAGTTGGAAGCCCTGT	2	0	0	0	2	0	0	0.01	0.01	0.01	0.01	2.0328	0.01	0.01
miR-4596-y	18	TTTTGGGACAGCGTCAGA	2	0	2	0	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01	0.01
miR-7178-y	18	AATTCTGATCCTCTTCC	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-9070-y	18	AGATAAGGTTGTGTTCCA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-267-x	19	CAGTGAAGTGTCTGCGGCA	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	0.01	1.0035	0.01
miR-7230-y	18	TGGAGTTGAGACTGTCAA	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01	0.01
miR-3870-x	18	ATTGCGGTTACAAGAGGA	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-8100-x	18	AGGAGGAAAGGGTGTAAAG	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	2.0328	0.01	0.01
miR-9771-y	18	GCTATGTCATGGTTTTC	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-8807-y	19	CGTGCTCTGGCACCTGGGA	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-2542-x	18	TTGCTCGGGCATTITTTGT	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-1833-y	18	AGAGGCTTGC CGGAATAAG	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	0.01	1.0035	0.01
miR-452-y	18	TCTGCAACACGTAAGTG	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-2988-x	18	TTTCTGGAGCGAGGCTGG	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-4524-x	18	AGCATCAGCCTGTGTCAA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-7256-y	18	CGGGACAAAGAGAGAAAA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-6917-y	19	CTGTCTCTTCTGTTCCAC	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	0.01	1.1983

miR-5905-x	18	AAAGGCTGAAGGTTTTAG	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	1.0035	0.01
miR-307-x	18	AAGGAGGTTGTGATGGCC	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-8445-y	18	GGTAGGAAAATTAAGGTT	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	1.0035	0.01
miR-6347-x	20	GTGCGGCTGGCTGGACCTGC	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-7346-y	19	TCGCGCGGCTGCGCTCCCG	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	0.01	1.1983
miR-8969-y	19	TGGGCTTTCGGTGCCTATG	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-3692-x	20	CTGCTGGTCAGGATTGGAAA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-5867-x	20	ATTATTGATCATGAATGAAT	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-9196-y	18	CGGCTGCTGGTGTCTGGC	2	0	0	2	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01
miR-660-x	21	TACCCATTGCATATCGGAGTT	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-8249-x	18	TCCTCGTCGCCTTGTTCCG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-4868-x	18	TACTGGTGATTCTGGATA	2	0	0	0	2	0	0	0.01	0.01	0.01	2.0328	0.01	0.01
miR-9316-y	18	CTGACCCCGACCGGCACG	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-6890-x	18	GACATGGGGTAGGGCAAA	2	0	0	0	2	0	0	0.01	0.01	0.01	2.0328	0.01	0.01
miR-9069-y	18	TGCACGGTGTGTTGTGCG	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-7310-x	18	AATCCAGTAAGAGGGTGA	2	0	0	2	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01
miR-3176-y	20	ACTGGCCTGGGACTAGAGGG	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-8989-x	18	CTGGTGGCTCTGCTGCAA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-4858-y	18	TTCCAGGTCGATTATGTG	2	0	0	0	2	0	0	0.01	0.01	0.01	2.0328	0.01	0.01
miR-4477-y	20	TGCTATGAAGGACACTTGTG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-9164-y	18	TGGTCTGCTCTGTGGCC	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-1770-y	19	GTGGGAGGAGGGATGGGGT	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-2836-x	18	ACATCCCGCTGGAGTCGA	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-7317-y	18	TCTTTTGTGGATCAGGA	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	1.0035	0.01
miR-2179-x	19	GGCATAAATATTATATTT	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-5092-y	19	ATCCATGCTGAGCTTTGCA	2	0	0	0	2	0	0	0.01	0.01	0.01	2.0328	0.01	0.01
miR-6889-x	19	CGGGAGGCTGGGGTCCGG	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	1.0035	0.01
miR-6119-x	23	AGAGGTAAAAAATTGATTGACT	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-9214-y	19	TCCTGTGTTAGCTGGGGCCC	2	0	0	2	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01
miR-9230-x	18	TGGGGGTGAGTTTCTGGG	2	0	0	2	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01
miR-2047-y	18	ACATCTGGTCGGCGAGTT	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	0.01	1.1983
miR-8539-x	21	AGTAATTTCCAGATAAACGTA	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-2180-y	20	ATGGATTGTGATAAGGTGCA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-6122-x	18	CGTGCTTTATCCAGTGCT	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-5860-y	18	TTTGTTTGTGATAAAAGA	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-2184-x	21	AACAGTAAGAGTTTATGTGCT	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-8065-y	18	TAGAAACAGTTGAATTCT	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-2517-y	18	TTTGGTGGAATGAAAC	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-8081-y	20	CTTGAGTCGTGGCTTTGCGA	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-9233-y	18	TCTCAGAAGAAGCAGGAG	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-6481-y	23	AGCACTGAATATGCTTAGATGGA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-1911-y	18	CCAGGCATTGTGGTCGCA	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-8540-x	18	GTTATAGTTATTTGATGA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-9860-x	18	TCGAGGGCTTGGACCGCG	2	0	0	0	2	0	0	0.01	0.01	0.01	2.0328	0.01	0.01
miR-3718-x	19	TTCTTGGGTGAGGACAGGG	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-8435-x	20	GTAAGATGATTTAAGTTAA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-8950-x	18	TCGCCTTTGCTGGGGT	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-4686-x	18	CTGCTGCGCTATCTGGTG	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-6620-x	20	ATCGAAGCGGTGCGCACGGT	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-5548-x	18	CGCAGTCTCCACGGCGGT	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-7252-x	18	GGATGAAGAAAAAGGAGA	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-4944-x	19	ATTCTGCTTCTGCCGGTGA	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-483-y	20	CTCCTCCCTCTCGTCTCC	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-8915-x	19	GCCTGGATGCTGCGCAGCA	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-7170-x	20	GAACCTGCTGGAGACCGCTG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-282-x	23	TAGCCTCTCCTTGGCTTTGTCTG	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-6008-y	18	TTGCCACGCTCGCGGAAC	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-8337-y	18	GGTTCGATCCCTGTACT	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-300-x	18	CTTGAAGAGATGTCATCC	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-871-x	18	CTATTCAAATTGGTGACG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-2412-x	18	CTCGGTGGGAGAGTGCA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-329-x	18	TGGCGGTACTTGAGGATA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-345-x	19	GCTGACTCCTAGTCCAGGG	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983

miR-5859-x	19	GGGAGTGTGGAGATCGGC	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-4881-x	19	GCAGATATTTGCCAAAGTA	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-3613-y	18	CGTACAAAAAAAAGGA	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-8303-y	18	CTCAATGCACCGCTTCG	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-3489-y	18	CAACAGATCGGGGACGGG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-9888-x	18	CATGCAAGTAGAACGGTA	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-2889-x	20	CCCGGTGCTGCCGCCGGCGG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-795-y	18	ATCGTGATGAGGATACTT	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-7939-y	18	ATGAATGTGCTGGACGCC	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-4053-x	18	ACGTGGTATGACGTCGTA	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-458-x	20	ACCAATCTAAGAGCTATGAC	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-8064-x	19	ACACTGAGCGAGCTGACCT	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-3665-x	19	CAGCAGGTGCCGCTCGGCG	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-7025-x	19	TGTGCTGATGCTGGTGGCT	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-6545-y	18	CTGGAGGTGATTTTCTGA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-8285-y	18	ATGCCCTGACGCAGGATT	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	1.0035	0.01
miR-7945-x	18	ATTAGGTCCGTTAAAGGT	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-764-y	19	AAGGAGGCCATGGTGGCAA	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-7855-x	19	GTGCGGACCGCAAGCTCGG	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-2893-x	20	TGGAGGAGAATGTCCGGGGC	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-2681-y	18	TGTATCATCGAGTTGGTA	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-6953-x	19	ATGGGGCCGGGGCAGGGAT	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-786-x	19	ATATCAGTTGGGGTATAGA	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-3474-x	18	CCTGGGATGAGATGTGGA	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-4767-x	19	CCCGCGTCCGCTCCGGGCC	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-4769-x	18	TGGGATGTAGAGAAGGGA	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-670-y	19	TTCCGCGTATCCATTCAAG	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-561-y	18	GTAAGATCCTTGAGGTTT	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	1.0035	0.01
miR-7107-x	18	CGGGGGAGGAGCAAGGGC	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	0.01	1.1983
miR-3818-x	18	TTTCGTTCCAGTGATACT	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-4928-y	18	ATCTGCTGTTGACATCTG	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-714-x	18	CGGGGGCCGGTCCGTCGC	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	1.0035	0.01
miR-2997-y	18	GCTGCTGGACATGTTAG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-9892-y	18	TTGCCTCGATTGTGGAAA	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-316-y	18	CCAGCAGAGAGGGTCAAG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-7668-y	18	GTGCAGGGGTTCCAGAGG	2	0	0	0	2	0	0	0.01	0.01	0.01	2.0328	0.01	0.01
miR-2270-x	20	ATTGTGAGAGATTGAAGTGA	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-8457-y	18	CATCACCGGGTTTTTTTT	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-5854-y	18	TAAACTAAAAAAATTGT	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-1291-x	18	GGTGGCCGTAAGTGAAGA	2	0	0	2	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01
miR-6952-y	18	CTGAATCTGCCGCCACA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-5004-y	19	CTTGGATTTCATGGGTCT	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-3334-x	18	CCAGAATGAAGGAAGGGC	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-8911-y	18	TGGATGTGGACGATGGCA	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-6489-x	18	GCACCGGGCTGGCGCTCT	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-5623-y	18	TGGTTCTGGCTTCAAGCT	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-8923-x	18	ACGCTCGTGGTCTGGAGC	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-6634-x	19	CACCGGGTCTGAAGGAGC	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-4302-x	18	AGTTTGGCTCAGCGCGGT	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-5325-x	18	AAAACAAGGCAGAAAGGA	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-1956-y	18	TCTGGCTGGACATGGAC	2	0	0	2	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01
miR-627-x	20	GCGTCTGTAAAAAAGAGGA	2	0	0	0	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01
miR-3324-x	18	ATGACCCTGAGTGACTA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-5585-y	18	AGTAGCTGGGACTACAGG	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-3789-y	21	GATCTGGTGATCGGTGCGGTG	2	0	0	0	2	0	0	0.01	0.01	0.01	2.0328	0.01	0.01
miR-7065-y	18	TATTGGTTTTCCTGTTGG	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-4107-x	19	TATCTAATTAATTGTTGGT	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-32-y	18	CAATTTATTATGTGTGAG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-7157-y	18	TGTGGTCTCGATGAAGA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-6832-y	19	TGACCCCTTTTCTCTTTAC	2	0	0	0	2	0	0	0.01	0.01	0.01	2.0328	0.01	0.01
miR-1183-y	18	AGCTGATGGTGAGAGGGG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-60-y	18	ATATTAGGCACATGTTCT	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-6956-x	18	GTGGGTGGGAATGGTCTG	2	0	0	0	0	2	0	0.01	0.01	0.01	2.0328	0.01	0.01

miR-995-y	20	AGCACACAGGATTACGAT	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-2976-x	18	AGCGGAGGGAAGCGGGGA	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-7895-x	19	GTTGGATGAATGAATTGTA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-4507-y	22	GCTGGGCTGGGCTGGGTTGGGT	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-980-x	19	TTTTCTTTGGCGTGGCTG	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-7790-y	19	AGAAGAGGGGAAAAGGAGA	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-8501-y	19	TTGAGTTCACCTGAAGTTG	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	1.0035	0.01
miR-9828-y	19	GGCTTCAGGCCGCTCGATC	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-6532-y	18	CAGGGCGTACAGGAAAGA	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-6017-y	18	ACTAATCAATTTCAATTA	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-550-y	19	TGTCTTACTCCCTCAGGCA	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-1806-y	19	CAGGATCACAGGTCGGGC	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-4832-y	18	GTCAACGAGCCGTTTGCC	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-6786-x	20	TGCGGTTGGGCGGGAGGGGC	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	1.0035	0.01
miR-3830-y	18	TGGCTCGGTCGGGCTGG	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-2196-x	18	GTGCTGAGATTGGGACC	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-7266-y	18	CTTGGGATAGCTCAGAGG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-3752-y	21	GTGGAGAAGGTTTCTTGCGA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-6815-x	18	TGGTGGCGTCGGAGGAGT	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-4753-x	19	ACAATGGCAAAGGAAGAGA	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	1.0035	0.01
miR-3680-y	19	CTTTTGCATGAGCCCGGA	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	1.0035	0.01
miR-663-x	18	GACCGCCGCGGACCGCC	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-3173-y	18	GGGGAAATAGGCAGGAC	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-8928-y	18	GCCCCACCGCAGCGGCC	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-3888-y	18	CGCGTGACGTCGTTAAGC	2	0	0	2	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01
miR-4609-x	18	GGAGTTGATCGCCCGTGC	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	1.0035	0.01
miR-1617-y	18	TCAGAGGCGTTGAGATAC	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-1659-y	18	TGGGCAGAATGAAGGATT	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-268-x	18	ATTAGGAGCCGTTTGGTG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-2324-y	19	TTTGGGGTTGTGGGAGTGT	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-676-y	18	TCTGAGGTTGTTGAGATG	2	0	0	0	2	0	0	0.01	0.01	0.01	2.0328	0.01	0.01
miR-6128-y	18	TGTAATTGGAGGCAAAAA	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	1.0035	0.01
miR-3836-y	18	CGCTGGGCATGGTAGACT	2	0	0	0	0	2	0	0.01	0.01	0.01	2.0328	0.01	0.01
miR-8075-y	18	GCAGATGTCGGCTCCGCC	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-8987-y	20	TTGAAGCGCTCCATGGGGCC	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-5196-x	20	AAGGGCCGTGGGTTGGGGA	2	0	0	0	2	0	0	0.01	0.01	0.01	2.0328	0.01	0.01
miR-9197-y	18	ACGCTTTCATAGTTTGAA	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-1002-x	18	AAGTAGTGGCTAGAAAGG	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-2023-y	18	TGTACAAGTGGTAGGGGA	2	0	0	2	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01
miR-6872-x	18	CTTGATCAGGAGGGAAG	2	0	0	0	2	0	0	0.01	0.01	0.01	2.0328	0.01	0.01
miR-1896-y	18	TCTGATGGGGGTGGGGA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-5862-x	19	GGTTTGCTGGAGGTCAGGG	2	0	0	2	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01
miR-3073-x	18	TTACAGTCGCGCCAGC	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-8808-x	18	ACGAACAGAGCCGCTCG	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-1343-y	19	CCCCCTGGGCGCCGCTC	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-2201-x	19	CTCAAGAAAGCTGGTGCTGA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-5124-x	19	TCAAGTGAATAAGAGCATG	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-1338-y	21	ATCCCAGGTTCTGTCAGCCCAT	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-2704-x	18	CAAAATTGAGCGGGTTT	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-3272-y	18	CAGTTATCTTAATGGGAG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-9875-y	19	TCGGGGGAAGAGGAAGGGA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-7404-y	18	AAGACGGCGCTGGACGGC	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-4526-y	20	CTGACAGCCGGCTGGCGGC	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-6559-x	19	ATTGGGCGAAAGAGTCATT	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-5935-y	18	AGGGATCGTGATGTGGCG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-1584-x	18	CGTGGGGCTGGCGGGGC	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-6970-x	18	CAGGGGTGGGTGCAGAGA	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-42-x	18	TTTCTTTTTCAGTGAAGT	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-6740-x	18	GTAGTTTGGGATGGAGAG	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-6788-x	18	CTGGCGAGGAGTGGTGA	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-6637-y	19	CTCGGCTGTGCTGCAACC	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-3085-y	18	ATCTGGCTGATATGGCCC	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-3425-x	19	ATTTTACCCTCCTTTGGT	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01

miR-6837-y	18	TGACTGTGACTCTGGTGC	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-6408-y	20	CATGGGCTTGATGGGTTGG	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-3326-x	18	TTTTGTGGTTGTTGTGAT	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-6657-y	19	CGCGGTGGGAGAGGGTGTA	2	0	0	0	2	0	0	0.01	0.01	0.01	2.0328	0.01	0.01	0.01
miR-6606-x	18	AAGCGGGAGGAGCGGAAG	2	0	0	2	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01	0.01
miR-6746-x	20	GGGAGAAGGAAGTGCCCGGG	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01	0.01
miR-8069-y	19	AAGGATGGTTTGGGGCTGT	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-4128-y	18	TTTGAGGTAGAGCTCGAG	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01	0.01
miR-2441-y	19	AGGACGGGACAATGGGAGG	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	1.0035	0.01	0.01
miR-2393-y	19	TTTTTTGTTCCTTTGGC	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01	0.01
miR-2548-y	18	CGTCAGCTCCAGCAGGT	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-3187-x	19	GGGCGGCGTGCGGCTGAAG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-2551-y	18	CCTTGATTGATTTTCAG	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-3617-x	18	AACATGGTTGCAAGATGG	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01	0.01
miR-548-y	22	CAAAACGACATTACTTTTGCA	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01	0.01
miR-770-y	18	GCTTGACGCGGAGCTGGG	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-1759-y	19	GTTCTCTCTCTCCATCCT	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-3113-x	18	GTCTGTGCCCTTGTCCGG	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-7079-y	18	CCTGACATCTGTTCTCTG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-4706-x	19	GGAGCGGGACGAAGTAGG	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-8209-x	19	CGAGGAAGAAGAAGAAGG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-2544-x	18	CTCTCGGGTATATATGCT	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-356-y	19	TTGCGTCGCTCAACAACA	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	1.0035	0.01	0.01
miR-73-y	18	AAGCTATTGGCAGTCGCA	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-7143-y	18	GCACCTTGATGATGAGACT	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	1.0035	0.01	0.01
miR-1583-y	18	TAGCGCCTTGGGACGGCA	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01	0.01
miR-57-y	19	CAGGAGCTAGACTACGAGG	2	0	0	0	2	0	0	0.01	0.01	0.01	2.0328	0.01	0.01	0.01
miR-7238-x	18	ATGCGGATGCGGCGCGGC	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-7213-x	18	TGACTCTCTTGAGGTAGC	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-3806-x	20	TTTCTGTTCCAGGATTGCCA	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	1.0035	0.01	0.01
miR-234-y	20	TTATTGCTTGAGAAATCGTA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-3058-y	18	TTCTATCTGCCGTGGGT	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-1500-y	20	TTGCTAAGGCTGTCATTGAT	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-2207-y	18	ACAGGCTCAATACACAGA	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01	0.01
miR-3758-x	20	ATATGACCTGGACCAGATGG	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-2768-y	18	AAGTGGTTATGATATTGC	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	1.0035	0.01	0.01
miR-740-x	19	AAAAATGGTATGGTACAGA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-1452-x	18	GATAAGAAAGATGATATT	2	0	0	0	2	0	0	0.01	0.01	0.01	2.0328	0.01	0.01	0.01
miR-8993-x	18	CCTGCATGGTCAAGGTCA	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-15-y	19	CCAACCATCGTGGGCTGGT	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-5787-x	19	CTTGGGCGCGGGAGGGGC	2	0	0	0	2	0	0	0.01	0.01	0.01	2.0328	0.01	0.01	0.01
miR-5469-x	18	TCTTTTGGTTTTTCAGGTT	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-323-y	18	ATACTCGGTCGATCTCTA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-2455-y	18	CTCGGGGAGCCAGGGAGA	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-3180-y	19	GTGTGGTGAGACTTCCGGA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-5403-x	20	ACGGAAAAGTGAGAAGGAAT	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-2026-x	18	CAAAATTTTACTGATGGA	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-1395-y	19	TCTTGAAGGGCGAATTCCG	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01	0.01
miR-2318-x	18	GTGTATGATGATTATCA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-2459-y	18	ATGACGGGAGCTGAATGG	2	0	0	0	2	0	0	0.01	0.01	0.01	2.0328	0.01	0.01	0.01
miR-4136-y	18	ACTGAAGTATACTATGCT	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-3528-x	18	ATGCCCGCGTCGTGTTGC	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-2715-x	19	TTCTCGTCGCCTTTGGCC	2	0	0	0	2	0	0	0.01	0.01	0.01	2.0328	0.01	0.01	0.01
miR-3922-y	19	CTTCTGGCCTTGACTTGTA	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-2467-y	18	GGGCAGTAGGGCTTAGGG	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-7955-x	18	GTAGGCGGTGACATCTGG	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01	0.01
miR-6056-x	20	AGAGGGACGAGGGGGAGCT	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-2048-x	19	TTTTGTTTTTGATGTCTTA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-4662-y	21	AATGATAGACATTGGCTAAA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-7026-y	18	TATTCTGGTCTTTGGCTT	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-8543-y	18	TCAACTTAGATCTTCTTA	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-686-x	18	TTCTTGACGGTGAAGAAA	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-7459-y	18	GATAGTCTGTATGAGTC	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01

miR-2415-x	18	TCGGTCGCGCCGCCAGG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-4432-y	18	GCAAAGACTCTGCAAGGT	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-4958-x	19	CTGGAACGGGCTCTAGTGC	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-467-y	18	CACATACAGACACATATA	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01	0.01
miR-7845-x	18	TAAGGGACAGGGAGGGTA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-7449-y	21	GAGGGTCGGACCAGATGGTCT	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-497-x	18	ACCACAGTCTGTTTTGGA	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	0.01	1.0035	0.01
miR-5120-x	18	CTTTGGGGCTGGGGTACC	2	0	0	0	2	0	0	0.01	0.01	0.01	2.0328	0.01	0.01	0.01
miR-1738-x	18	ACTGACTTCTTAGAGGGA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-5088-x	19	CTCAAGGATCGGATGGAGG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-7470-x	18	CTCGAAGATCGTGGGCCT	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-6880-x	19	GGTGGATGAAGAGCGCAGC	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-6333-y	18	AGGCTGGACTCGAACACC	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-7308-x	18	GCGCGACACTCGTCAGAG	2	0	0	0	2	0	0	0.01	0.01	0.01	2.0328	0.01	0.01	0.01
miR-7301-y	19	ATGCCAGTCGCGCTGGGAG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-147-y	23	AGTGTGCGGAAATGCTTCTGTAA	2	0	0	2	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01	0.01
miR-1794-y	18	ATGAACATCGGCAGCAAA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-2807-y	18	CCAGCGCATAGAAAATT	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-4891-x	18	AGCTGTTTCGGCGACGGCT	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01	0.01
miR-5347-y	18	AGCGACGGTGTTGATTGA	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01	0.01
miR-9194-x	18	CTGGGGGGCGGGGGGGGC	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-5129-y	19	TGAATGTGCCAGTGCATCT	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-3827-x	18	TCATTGCGCAGCTGCGGA	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-7275-x	18	TTCACCTCTGAACAATCA	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-3600-x	18	TTCTTCAGCTGCCAGCTT	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-3058-x	19	CAGCCAAGGCTTACCTGCA	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-6873-y	18	CTCTCTGTCTGTCTCTGT	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-3763-x	18	ACGAAAATATAGGTGGGA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-6933-y	18	TTTTTCCGCTGCCGTAC	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-2218-y	18	ATTATATTTTGTAGTGA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-4746-y	18	GTGCTGTCTGCGGACCGAC	2	0	0	0	2	0	0	0.01	0.01	0.9613	0.01	0.01	0.01	0.01
miR-6349-y	19	TGGGGACTGTGGGAGGGGC	2	0	0	2	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01	0.01
miR-659-x	19	CAAGATCTTCCCTGAACCA	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-3615-y	19	TCGCTCGTCTCCTCGCGGC	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-1772-x	18	ACCCTGCCAGCGGAGGA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-8364-x	18	ATTCTCGGGCTCACTCA	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01	0.01
miR-784-x	18	GCGCAATACCTGTATGGA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-3340-y	18	ATACGGCTACGATGACGA	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-3116-y	18	CTTGAACATAGTAGGGGC	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-3531-x	19	GTCCTTGTTTGGTTGTAA	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01	0.01
miR-8304-x	18	ATCATCAAGATTAATTGC	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01	0.01
miR-7881-y	18	CAAAGAAGGAACGGGGTT	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-1769-y	18	GTGTGAACTATGCCTGAA	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-5958-y	18	TATCGCCGGGTACTTTGC	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	0.01	1.0035	0.01
miR-6405-y	18	AAATGGGAAGCAGAGGGA	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-584-z	18	CTTGGCTGGGACTGAGGG	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-9334-y	18	GGTGGAGCCCGAGCGGGA	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-9056-x	18	GGGACCGAGGCGCGGAGG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-987-x	18	TACAGTAAATAGTCTGGC	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-76-x	19	CTTCTTGATGTGCAATAAA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
miR-7216-x	19	GGAGAGATGGCAGAGGACT	2	0	0	2	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01	0.01
miR-1633-x	18	CGCTTCAGCTCAGCTGGG	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-4642-x	19	GCATGGCATGGTCTCTGG	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-6567-x	18	CCGAACTGGCGGTGCGCG	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-3141-y	18	GGGCGGGTGGAGCAGGAA	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-4508-x	18	GTGGGGCTGGGCGTGCGG	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01	0.01
miR-3867-x	18	AAAAGTGGAAGCAGGGAA	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	0.01	1.0035	0.01
miR-2504-x	18	TCAGGATGAAGATTAAAT	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01	0.01
miR-8503-x	19	GCGGCGAGAGAAAAAGAAC	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01	0.01
miR-1354-x	18	ATGGGGATGATGTCTCTGA	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	0.01	1.1983
miR-7116-x	18	TTACATCAGGAAAAAAA	2	0	0	2	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01	0.01
miR-8904-x	18	TCACCAGCGCCCGGGGA	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01	0.01
miR-6908-y	18	CTCCTCTTGTGCTGGCA	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	0.01	1.1983

miR-2513-x	18	TGTAAGCACTTTTCAGAC	2	2	0	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-9865-x	20	ATTTATTTGGTGATTGTGTA	2	0	0	0	0	0	2	0	0.01	0.01	0.01	0.01	1.0035	0.01
miR-5924-y	20	CAACGCTCTCCAGCTGTGCT	2	0	2	0	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-2226-x	18	AATGACACGGAAGAAATTG	2	0	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-1494-x	19	GGGAGGACAGTGTTTGGTG	2	2	0	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-3270-x	20	ATGGCATTTTCTTAAACGA	2	0	2	0	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-8298-y	18	ATGCGCCTCTGATTGAGA	2	0	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-4466-x	18	GGGGCGGACCGCGGGG	2	2	0	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-3415-y	18	GCCACTGTAGCTCAGTCG	2	0	2	0	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-3113-y	18	TCCTGGTCCCGTCTCTGG	2	2	0	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-8432-y	18	ACCTGGAACCGAACGCCT	2	0	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-7550-x	18	CTCCGGCTCGAAGGACCA	2	0	0	0	0	0	2	0	0.01	0.01	0.01	0.01	1.0035	0.01
miR-8895-y	18	GGTGAGGTCACTGAGAGG	2	2	0	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-589-x	18	ACCATGTCTGATCCGACC	2	2	0	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-7288-x	19	GGTACTGGCTGCGCTGGAC	2	0	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-7860-y	18	CTGGAGCGGCTGAACAAA	2	0	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-8093-x	18	ATGGAGAGCAGAGCATGA	2	0	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-337-x	20	CGGCTCCATACAGGAGGTGA	2	2	0	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-3395-y	18	TGCGAGTTCGGCGATGTC	2	2	0	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-21-y	21	CAACACCAGTCGATGGGCTGT	2	0	2	0	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-3559-y	18	GGAGCACTGAGTCTGTCTG	2	0	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-7686-x	18	TGGAGCTGGGGTTGGGCG	2	0	2	0	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-3127-x	18	ATCAGGCGTGTGGAATG	2	2	0	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-3570-x	18	ATCGACGGTCGCTGGTTT	2	0	0	2	0	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01
miR-706-x	18	GAGAAACCTGTCTGAAT	2	2	0	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-3560-x	19	TCCTTGCCCGGTGTATTT	2	0	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-5876-y	18	AAGTGAGGGATAAGATGA	2	0	2	0	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-1678-y	19	TTTGCCAAAGACAGAAAGA	2	0	0	0	2	0	0	0	0.01	0.01	0.01	2.0328	0.01	0.01
miR-4558-y	18	CTGGCAGTGAGGCTATGG	2	0	0	0	0	0	2	0	0.01	0.01	0.01	0.01	0.01	1.1983
miR-4638-y	18	CCTGGAACGGCTCAGCC	2	0	0	2	0	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01
miR-3890-x	18	GAGCAGGTGGATCTGCGG	2	0	0	0	0	0	2	0	0.01	0.01	0.01	0.01	0.01	1.1983
miR-7309-x	18	AGGGATGTGGAGCACAGT	2	2	0	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-5355-y	18	CCTTAAGCTGTTTAGAAT	2	2	0	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-1233-y	18	GCCCTGTCTCCCGGAGT	2	0	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-1244-y	18	ATTAGTGGTTGGTTAGTA	2	0	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-9000-x	18	GCCCCAGTGCGCAATGG	2	0	2	0	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-3915-x	18	CAGGAAATGATGGTCTTA	2	0	0	2	0	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01
miR-1547-y	19	ATCCCTGTTTGTATCATTG	2	0	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-8347-x	19	ATTCCGCGCGACTCAAACC	2	2	0	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-7023-y	18	CTCACCTGACTGCGGCC	2	0	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-1456-x	18	GAACGGACTGAGGCGGCC	2	2	0	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-7429-x	18	TCCCTGTGGATGCTCCAA	2	0	2	0	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-8535-x	19	ATTGACTGACAGCAACTAT	2	0	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-9146-x	18	CCACTACGTCAACCTGGA	2	2	0	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-9793-x	18	GGGGAAGTCAGAGGAAAT	2	0	2	0	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-750-x	18	GCACTGGAAGATTGGAT	2	0	0	2	0	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01
miR-202-y	19	ATGGGCATAGGGCATGGGA	2	2	0	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-31-y	18	GCCATGCTGCATCTTGTC	2	2	0	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-6913-x	18	CTGGGAGATCAGTCAGGC	2	0	0	2	0	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01
miR-151-y	20	CTAGACTGAAGCTCCTTGAG	2	0	2	0	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-5853-x	19	CTTTGGTGATGCAGGTGGA	2	0	0	0	0	2	0	0	0.01	0.01	0.01	2.0328	0.01	0.01
miR-6649-y	19	CTTTCTGGCAGTGCTGGGG	2	0	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-9895-y	18	GTTCTGTTCTCTTTTCGA	2	0	2	0	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-8932-y	18	TGTGCTGGGAGAGCCGGA	2	0	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-7400-y	19	CTCTGGACCTGCGGGATGA	2	2	0	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-5901-y	19	CGTTGTGGTCAGAAAGGAGA	2	0	2	0	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-2454-y	18	TCCTTTGGTTCGCTCTCT	2	0	2	0	0	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01
miR-6080-y	18	TGTCTAGTGCGGACGCTC	2	0	0	0	0	0	2	0	0.01	0.01	0.01	0.01	1.0035	0.01
miR-6497-y	18	ATCCGGCCGGTGGCGGGT	2	2	0	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-392-y	18	CGATCACTGTGATGACA	2	0	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-730-z	19	TCTCCTGATTGTGCATTCT	2	0	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-2694-y	20	GCITTGAAGGATTGTCCCTC	2	0	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-6936-y	18	CCGGCCCGCGCGGGCGCT	2	2	0	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01

miR-1357-x	18	ATTCAGAGATCTGAGGGC	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	1.0035	0.01
miR-9206-x	19	CCGCTGCAAGGAGCTGGTGC	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-335-x	18	GAGCAATAACAAAAAAG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-7880-x	18	ATGGATCTGCTGCAAAAC	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-878-x	18	GAGTTGGTTGTCAAGACA	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-1231-x	18	GGCGGAGATGCAGGAGA	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-8364-y	18	AAGCCTGTGGAAGAAGA	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-465-y	18	CTTGATCAGTGCCTGTCT	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-574-x	22	GTGTGCGTGTGTGAGTGTGT	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-6597-y	18	GTGACGTAGCGCCGGCC	2	0	0	0	2	0	0	0.01	0.01	0.01	2.0328	0.01	0.01
miR-3674-x	18	ATGGTAGAACCTGAGATT	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-7225-x	18	ACGCAGACTGTGTAGTAG	2	0	0	0	2	0	0	0.01	0.01	0.01	2.0328	0.01	0.01
miR-431-x	19	ATGCAGGTCGTGTTGCAGG	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-1262-x	20	GGTGAATTTGTAGTAGGATT	2	0	0	2	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01
miR-6132-x	18	CGCTGGGCTGGGGATTGC	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	1.0035	0.01
miR-9328-x	18	TTCCCTCCTCGGCCCTCGG	2	0	0	0	0	2	0	0.01	0.01	0.01	0.01	1.0035	0.01
miR-541-y	19	CTGGGCACCGAATCCGGAC	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-7551-y	19	CGGGGGCCTGAGTCCCTTCT	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
miR-4651-x	19	CGGGGTGGGTGAGGTGGAG	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-6516-x	18	CTATGCAGAAACAGGGGT	2	0	0	0	2	0	0	0.01	0.01	0.01	2.0328	0.01	0.01
miR-1665-x	20	GCCCAGGAGCGCTGCCGCTG	2	0	0	0	0	0	2	0.01	0.01	0.01	0.01	0.01	1.1983
miR-4652-x	18	CGAGGTCACTGGTTAATA	2	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01
miR-9799-y	18	ATTGCCTTGATCGTATGG	2	0	2	0	0	0	0	0.01	6.3671	0.01	0.01	0.01	0.01
miR-629-x	19	TGGGTTTACGTTGGGAGAA	2	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
novel-m0001-5p	24	ACCCGTGAGACCGTTTAACTTGTAC	56570	135	501	12443	3292	8818	8242	421.9396	1594.9573	5980.6445	3346.0113	4424.2748	4938.3071
novel-m0155-5p	22	TTGCGTAGGGCTATAGCATATT	11812	909	1977	3900	887	759	779	2841.06	6293.8733	1874.5088	901.5529	380.8148	466.7485
novel-m0001-3p	22	ACAGGTTACCGTCTTAGGCACA	7683	15	118	2036	833	684	1088	46.8822	375.6586	978.5897	846.6669	343.1848	651.8901
novel-m0087-5p	23	TGTACGAACAAGTGGCTGTCGGT	4276	74	180	973	320	513	583	231.2854	573.0385	467.6659	325.2502	257.3886	349.3124
novel-m0087-3p	22	TCCGCGATCACTTGTGTATGA	1037	6	31	229	62	99	148	18.7529	98.69	110.0673	63.0172	49.6715	88.6762
novel-m0073-3p	22	AAATGTAACAATTATTATGGGA	797	0	66	72	112	98	81	0.01	210.1141	34.6063	113.8376	49.1698	48.5323
novel-m0026-3p	22	AAATGTAACAATTATTATGGGA	797	0	66	72	112	98	81	0.01	210.1141	34.6063	113.8376	49.1698	48.5323
novel-m0014-3p	22	AAATGTAACAATTATTATGGGA	769	0	63	68	110	98	77	0.01	200.5635	32.6837	111.8048	49.1698	46.1356
novel-m0112-3p	22	TTGCGACTTGTCTCGGTTGAGG	710	23	29	363	68	46	42	71.886	92.3229	174.4735	69.1157	23.0797	25.1649
novel-m0142-3p	22	AGTGGGAGCTGTAGTAGTACTG	554	40	28	92	91	49	77	125.0191	89.1393	44.2192	92.493	24.5849	46.1356
novel-m0056-3p	22	AATGTCTTACCATTATGTGGGA	541	14	10	117	54	68	51	43.7567	31.8355	56.2353	54.886	34.1178	30.5573
novel-m0081-3p	22	AATGTCTTACCATTATGTGGGA	541	14	10	117	54	68	51	43.7567	31.8355	56.2353	54.886	34.1178	30.5573
novel-m0101-5p	22	AATGTCTTACCATTATGTGGGA	541	14	10	117	54	68	51	43.7567	31.8355	56.2353	54.886	34.1178	30.5573
novel-m0060-3p	22	AATGTCTTACCATTATGTGGGA	530	14	10	115	54	68	49	43.7567	31.8355	55.274	54.886	34.1178	29.359
novel-m0079-3p	22	AATGTCTTACCATTATGTGGGA	530	14	10	115	54	68	49	43.7567	31.8355	55.274	54.886	34.1178	29.359
novel-m0171-3p	22	AATGTCTTACCATTATGTGGGA	530	14	10	115	54	68	49	43.7567	31.8355	55.274	54.886	34.1178	29.359
novel-m0017-5p	23	TGACTAGTCTTTCATTTTCAGGG	470	12	15	155	31	37	47	37.5057	47.7532	74.4997	31.5086	18.5641	28.1607
novel-m0111-3p	21	AATGTAACAATTATTATGGGA	378	0	35	26	58	37	40	0.01	111.4242	12.4967	58.9516	18.5641	23.9665
novel-m0090-5p	21	AATGTAACAATTATTATGGGA	378	0	35	26	58	37	40	0.01	111.4242	12.4967	58.9516	18.5641	23.9665
novel-m0009-5p	21	TGTGCTAGTAAGACTGATGAC	373	0	14	32	41	48	48	0.01	44.5697	15.3806	41.6727	24.0831	28.7599
novel-m0132-5p	22	AACGCCGTCGAGTTCGCTATCT	336	5	20	75	30	56	34	15.6274	63.6709	36.0482	30.4922	28.097	20.3716
novel-m0041-5p	24	TTGTTGGTTGCATCGCTTGTATGA	296	0	2	69	18	30	60	0.01	6.3671	33.1644	18.2953	15.052	35.9498
novel-m0054-5p	21	TGAACCAAGCAATGGCTGGCT	267	17	17	56	23	17	25	53.1331	54.1203	26.916	23.3774	8.5294	14.9791
novel-m0055-5p	21	TGAACCAAGCAATGGCTGGCT	267	17	17	56	23	17	25	53.1331	54.1203	26.916	23.3774	8.5294	14.9791
novel-m0131-5p	22	ACCGGGACGTCGCAGGAGGAGC	254	54	12	35	35	24	18	168.7758	38.2026	16.8225	35.5742	12.0416	10.7849
novel-m0120-5p	22	AGTCCGTTTTATGGTAGTGGTT	207	0	4	30	15	19	19	0.01	12.7342	14.4193	15.2461	9.5329	11.3841
novel-m0119-5p	22	AGTCCGTTTTATGGTAGTGGTT	207	0	4	30	15	19	19	0.01	12.7342	14.4193	15.2461	9.5329	11.3841
novel-m0144-3p	22	TGGACCAGAACTTGACTAAGCT	184	9	15	23	24	8	33	28.1293	47.7532	11.0548	24.3938	4.0139	19.7724
novel-m0083-3p	23	CCGCCAGCGCTGCTAGTGGTGC	183	5	0	11	11	53	28	15.6274	0.01	5.2871	11.1805	26.5918	16.7766
novel-m0107-3p	20	CAAGAATGATGATTAAGT	139	2	23	32	10	3	10	6.251	73.2216	15.3806	10.1641	1.5052	5.9916
novel-m0007-3p	22	TTGGAGCTTGACACTGATGATG	132	6	2	11	25	17	11	18.7529	6.3671	5.2871	25.4102	8.5294	6.5908
novel-m0089-5p	22	TCCCATATAATTGTTACATTT	117	0	11	22	7	13	18	0.01	35.019	10.5742	7.1148	6.5225	10.7849
novel-m0072-5p	22	TCCCATATAATTGTTACATTT	117	0	11	22	7	13	18	0.01	35.019	10.5742	7.1148	6.5225	10.7849
novel-m0027-5p	22	TCCCATATAATTGTTACATTT	117	0	11	22	7	13	18	0.01	35.019	10.5742	7.1148	6.5225	10.7849
novel-m0009-3p	22	TCTCAGACTTACTGGCGTGCGT	110	0	3	21	9	22	6	0.01	9.5506	10.0935	9.1477	11.0381	3.595
novel-m0015-5p	22	TCCCATATAATTGTTACATTT	106	0	11	20	7	13	14	0.01	35.019	9.6129	7.1148	6.5225	8.3883
novel-m0159-3p	24	CTCTGCAGATCTGAGGAAAGTGT	99	0	0	27	16	2	14	0.01	0.01	12.9774	16.2625	1.0035	8.3883
novel-m0024-3p	24	CTCTGCAGATCTGAGGAAAGTGT	99	0	0	27	16	2	14	0.01	0.01	12.9774	16.2625	1.0035	8.3883
novel-m0048-5p	22	CAAGTGGGGGATCAGTTTATGA	97	0	8	21	5	16	13	0.01	25.4684	10.0935	5.082	8.0277	7.7891

novel-m0115-3p	22	CAAACTGCAAGAACTTTCTTTC	95	2	0	19	13	9	3	6.251	0.01	9.1322	13.2133	4.5156	1.7975
novel-m0151-3p	24	AGCCTTGGCCGACAGGCCGGGTA	94	10	3	4	4	3	0	31.2548	9.5506	1.9226	4.0656	1.5052	0.01
novel-m0019-3p	24	TGGGACCACAAAACCTTCAGTGATG	93	2	6	17	3	3	17	6.251	19.1013	8.1709	3.0492	1.5052	10.1858
novel-m0112-5p	23	CAACCCGACACTAGATCGGAGCA	92	4	0	56	0	3	5	12.5019	0.01	26.916	0.01	1.5052	2.9958
novel-m0132-3p	21	GAGACGACTCGTCGGTTGGGA	91	0	9	7	16	10	12	0.01	28.6519	3.3645	16.2625	5.0173	7.19
novel-m0102-3p	22	TGGAAGTGAATGCCGCTCGCA	87	0	5	11	10	13	10	0.01	15.9177	5.2871	10.1641	6.5225	5.9916
novel-m0103-3p	22	TGGAAGTGAATGCCGCTCGCA	87	0	5	11	10	13	10	0.01	15.9177	5.2871	10.1641	6.5225	5.9916
novel-m0106-3p	22	TGGAAGTGAATGCCGCTCGCA	87	0	5	11	10	13	10	0.01	15.9177	5.2871	10.1641	6.5225	5.9916
novel-m0044-5p	25	AAATGCAGATGAACGTTTGAGATGG	84	0	14	21	20	9	0	0.01	44.5697	10.0935	20.3281	4.5156	0.01
novel-m0022-3p	22	ATAAACTGATCCCTCACCTTGT	78	0	3	11	12	13	10	0.01	9.5506	5.2871	12.1969	6.5225	5.9916
novel-m0157-3p	23	GACATTTTGGTTGTCTGTGGCCT	65	0	3	8	11	5	17	0.01	9.5506	3.8451	11.1805	2.5087	10.1858
novel-m0047-3p	21	TAATGTCTTACTATTATGTGA	60	0	4	11	0	9	5	0.01	12.7342	5.2871	0.01	4.5156	2.9958
novel-m0008-5p	24	TTGACCATGGTCAAGCTGGGTAGA	55	0	0	8	7	4	8	0.01	3.8451	7.1148	2.0069	4.7933	
novel-m0104-3p	23	TTCACTTCTTCTGTGGGTCGTGC	54	0	0	12	17	3	0	0.01	0.01	5.7677	17.2789	1.5052	0.01
novel-m0085-5p	23	TACCGTGGTTTACTTTTACTTTAGA	51	0	3	6	6	10	0	0.01	9.5506	1.4419	6.0984	3.0104	5.9916
novel-m0051-3p	22	ATAAACTGATCCCTCACCTTGT	49	0	0	6	9	9	6	0.01	0.01	2.8839	9.1477	4.5156	3.595
novel-m0052-3p	22	ATAAACTGATCCCTCACCTTGT	49	0	0	6	9	9	6	0.01	0.01	2.8839	9.1477	4.5156	3.595
novel-m0043-3p	23	CAGAAGTGCCGTAACCTAGGACT	48	0	0	5	2	12	0	0.01	0.01	2.4032	2.0328	1.0035	7.19
novel-m0012-5p	22	TCITTTTGGATCACAGACTGCC	48	2	0	11	4	7	13	6.251	0.01	5.2871	4.0656	3.5121	7.7891
novel-m0160-5p	24	TAATGGATAATGGCTTGGAAATTGT	46	0	7	18	0	2	3	0.01	22.2848	8.6516	0.01	1.0035	1.7975
novel-m0058-5p	24	TAATGGATAATGGCTTGGAAATTGT	46	0	7	18	0	2	3	0.01	22.2848	8.6516	0.01	1.0035	1.7975
novel-m0076-5p	24	TAATGGATAATGGCTTGGAAATTGT	46	0	7	18	0	2	3	0.01	22.2848	8.6516	0.01	1.0035	1.7975
novel-m0088-3p	22	GTCCGCCCTTGTGGTGTGGT	45	0	3	6	4	0	0	0.01	9.5506	4.8064	6.0984	2.0069	0.01
novel-m0021-5p	24	TTAGGTGAGTTAGTCCCTTGCCGA	44	3	9	13	2	0	0	9.3764	28.6519	6.2484	2.0328	0.01	0.01
novel-m0141-3p	24	TCAAGTTTTGGCAGGACTGCTCTT	44	8	0	2	0	14	15	25.0038	0.01	0.9613	0.01	7.0243	8.9875
novel-m0016-5p	22	AAAGATCGGACATCACTAGTGC	42	0	2	6	8	6	5	0.01	6.3671	2.8839	8.1313	3.0104	2.9958
novel-m0168-3p	20	TGGATTGAGGAATCGGAGAG	42	28	2	2	0	2	0	87.5134	6.3671	0.9613	0.01	1.0035	0.01
novel-m0074-5p	22	TGATCTGTGCAGCTGAATGCCT	42	4	0	7	8	0	6	12.5019	0.01	3.3645	8.1313	0.01	3.595
novel-m0038-3p	24	TTCAGCAACGGCGTTCGATCGTGG	42	0	4	10	9	0	6	0.01	12.7342	4.8064	9.1477	0.01	3.595
novel-m0143-3p	22	ATTATCTTTTTCTGACGATGC	40	0	0	3	9	4	7	0.01	0.01	1.4419	9.1477	2.0069	4.1941
novel-m0105-3p	20	ATTTCATCGATTGTCGCCGG	40	0	5	14	0	3	2	0.01	15.9177	6.729	0.01	1.5052	1.1983
novel-m0162-5p	22	AGAAGCCTATGCAAAATGTTGGC	38	0	8	11	2	2	4	0.01	25.4684	5.2871	2.0328	1.0035	2.3967
novel-m0164-5p	22	AGAAGCCTATGCAAAATGTTGGC	38	0	8	11	2	2	4	0.01	25.4684	5.2871	2.0328	1.0035	2.3967
novel-m0163-5p	22	AGCAGAATTAAGCAATGTGTA	34	4	0	10	0	0	2	12.5019	0.01	4.8064	0.01	0.01	1.1983
novel-m0046-5p	22	AGCAGAATTAAGCAATGTGTA	34	4	0	10	0	0	2	12.5019	0.01	4.8064	0.01	0.01	1.1983
novel-m0070-3p	22	AAATGTAACAACATATTATGGGA	33	0	0	2	4	5	3	0.01	0.01	0.9613	4.0656	2.5087	1.7975
novel-m0029-3p	22	AAATGTAACAACATATTATGGGA	33	0	0	2	4	5	3	0.01	0.01	0.9613	4.0656	2.5087	1.7975
novel-m0113-3p	22	AAATGTAACAACATATTATGGGA	33	0	0	2	4	5	3	0.01	0.01	0.9613	4.0656	2.5087	1.7975
novel-m0069-5p	23	TGGTATCCAACCTACTATGCAGG	33	0	2	5	7	9	0	0.01	6.3671	2.4032	7.1148	4.5156	0.01
novel-m0114-3p	22	AAATGTAACAACATATTATGGGA	33	0	0	2	4	5	3	0.01	0.01	0.9613	4.0656	2.5087	1.7975
novel-m0126-3p	22	AAATGTAACAACATATTATGGGA	33	0	0	2	4	5	3	0.01	0.01	0.9613	4.0656	2.5087	1.7975
novel-m0100-3p	22	AAATGTAACAACATATTATGGGA	33	0	0	2	4	5	3	0.01	0.01	0.9613	4.0656	2.5087	1.7975
novel-m0125-3p	22	AAATGTAACAACATATTATGGGA	33	0	0	2	4	5	3	0.01	0.01	0.9613	4.0656	2.5087	1.7975
novel-m0134-3p	22	CAAACTAACTGCATATATTCG	32	0	0	9	4	2	4	0.01	0.01	4.3258	4.0656	1.0035	2.3967
novel-m0124-3p	22	AAATGGAACAATCATTATGGGA	32	0	0	2	3	5	2	0.01	0.01	0.9613	3.0492	2.5087	1.1983
novel-m0046-3p	23	CACATTCTTCCATATTTTGCTGT	32	0	0	8	0	3	7	0.01	0.01	3.8451	0.01	1.5052	4.1941
novel-m0123-3p	22	AAATGGAACAATCATTATGGGA	32	0	0	2	3	5	2	0.01	0.01	0.9613	3.0492	2.5087	1.1983
novel-m0163-3p	23	CACATTCTTCCATATTTTGCTGT	32	0	0	8	0	3	7	0.01	0.01	3.8451	0.01	1.5052	4.1941
novel-m0122-3p	22	AAATGGAACAATCATTATGGGA	32	0	0	2	3	5	2	0.01	0.01	0.9613	3.0492	2.5087	1.1983
novel-m0121-3p	22	AAATGGAACAATCATTATGGGA	32	0	0	2	3	5	2	0.01	0.01	0.9613	3.0492	2.5087	1.1983
novel-m0095-5p	21	CTCGCGCGCTCGCGGGAAGGC	31	0	0	8	3	11	3	0.01	0.01	3.8451	3.0492	5.5191	1.7975
novel-m0020-3p	22	TGCAATCATGGGAATTTTGTG	31	0	0	9	9	0	3	0.01	0.01	4.3258	9.1477	0.01	1.7975
novel-m0075-5p	23	TCTGGTATTGTAGTGTCTTGGGC	30	0	0	3	5	7	7	0.01	0.01	1.4419	5.082	3.5121	4.1941
novel-m0039-3p	20	TTGCCATGGCGTATTTGGAC	28	9	3	3	0	4	3	28.1293	9.5506	1.4419	0.01	2.0069	1.7975
novel-m0037-5p	21	TTGATCGGTACGAGAAGGTGA	28	8	5	0	3	0	7	25.0038	15.9177	0.01	3.0492	0.01	4.1941
novel-m0033-3p	24	TAATGTCACGACCCAGGAGTAGCA	28	0	2	7	6	4	5	0.01	6.3671	3.3645	6.0984	2.0069	2.9958
novel-m0031-5p	22	CGGCGGACTGTGACCCGGGGC	27	17	0	0	2	6	2	53.1331	0.01	0.01	2.0328	3.0104	1.1983
novel-m0007-5p	23	ACCATCAACGCAAGCGTCCAATC	26	0	0	7	4	0	4	0.01	0.01	3.3645	4.0656	0.01	2.3967
novel-m0062-5p	23	TAATGAATAATGGCTTGGAAATTG	25	0	0	9	5	2	2	0.01	0.01	4.3258	5.082	1.0035	1.1983
novel-m0053-3p	21	AAGTCTCTTATATCCGGGTTT	25	0	0	6	2	0	2	0.01	0.01	2.8839	2.0328	0.01	1.1983
novel-m0156-3p	22	TGGACATGTAGGCTTGGTGTT	25	0	3	4	10	0	6	0.01	9.5506	1.9226	10.1641	0.01	3.595
novel-m0099-3p	22	AAATGTATCAATTATTATGGGA	25	0	0	0	2	9	2	0.01	0.01	0.01	2.0328	4.5156	1.1983
novel-m0098-5p	22	AAATGTATCAATTATTATGGGA	25	0	0	0	2	9	2	0.01	0.01	0.01	2.0328	4.5156	1.1983

novel-m0077-3p	22	TGGACATGTAGGCTTTGGTGTT	25	0	3	4	10	0	6	0.01	9.5506	1.9226	10.1641	0.01	3.595
novel-m0061-3p	22	AGTTTGTGGAAGCTGCAATTTCA	25	3	2	2	2	0	7	9.3764	6.3671	0.9613	2.0328	0.01	4.1941
novel-m0096-3p	20	AATGTCTTACCATTATGTGG	24	0	0	3	4	7	0	0.01	0.01	1.4419	4.0656	3.5121	0.01
novel-m0127-5p	22	AAATGTATCAACTATTATGCGGA	24	0	0	5	2	5	0	0.01	0.01	2.4032	2.0328	2.5087	0.01
novel-m0140-3p	20	AATGTCTTACCATTATGTGG	24	0	0	3	4	7	0	0.01	0.01	1.4419	4.0656	3.5121	0.01
novel-m0128-3p	22	AAATGTATCAACTATTATGCGGA	24	0	0	5	2	5	0	0.01	0.01	2.4032	2.0328	2.5087	0.01
novel-m0011-3p	20	AATGTCTTACCATTATGTGG	24	0	0	3	4	7	0	0.01	0.01	1.4419	4.0656	3.5121	0.01
novel-m0045-3p	21	AATGTAAACAACTATTATGCGGA	24	0	0	0	6	2	3	0.01	0.01	0.01	6.0984	1.0035	1.7975
novel-m0057-3p	22	AATGTCTTACTATTATGTGCGGA	23	0	0	2	3	6	3	0.01	0.01	0.9613	3.0492	3.0104	1.7975
novel-m0177-3p	24	TGTTAGGGTCCCAGCTATGGGCAA	23	6	4	0	0	0	4	18.7529	12.7342	0.01	0.01	0.01	2.3967
novel-m0065-3p	22	AATGTCTTACTATTATGTGCGGA	23	0	0	2	3	6	3	0.01	0.01	0.9613	3.0492	3.0104	1.7975
novel-m0080-3p	22	AATGTCTTACTATTATGTGCGGA	23	0	0	2	3	6	3	0.01	0.01	0.9613	3.0492	3.0104	1.7975
novel-m0149-5p	22	AATTTGTGGATCTGCATTTTCA	23	0	0	7	0	3	2	0.01	0.01	3.3645	0.01	1.5052	1.1983
novel-m0068-3p	24	TCTCTGTGGTGATTAAATAGAGAGC	22	17	0	2	0	3	0	53.1331	0.01	0.9613	0.01	1.5052	0.01
novel-m0110-5p	22	GTCCATAAATAATTGTACATT	22	0	3	5	0	0	4	0.01	9.5506	2.4032	0.01	0.01	2.3967
novel-m0129-5p	21	TCCCATAAATAATTGTACATT	22	0	3	5	0	0	4	0.01	9.5506	2.4032	0.01	0.01	2.3967
novel-m0091-5p	21	TCCCATAAATAATTGTACATT	22	0	3	5	0	0	4	0.01	9.5506	2.4032	0.01	0.01	2.3967
novel-m0097-3p	24	TCTCTGTGGTGATTAAATAGAGAGC	22	17	0	2	0	3	0	53.1331	0.01	0.9613	0.01	1.5052	0.01
novel-m0044-3p	22	CAACAGATGACCTCTGCACCGA	22	0	0	3	0	6	4	0.01	0.01	1.4419	0.01	3.0104	2.3967
novel-m0035-5p	22	AATCCAGATGAAGCTGTTGCCT	21	0	0	3	2	6	4	0.01	0.01	1.4419	2.0328	3.0104	2.3967
novel-m0146-3p	19	CAACATTTATTTCTGAGAA	21	13	0	0	0	0	2	40.6312	0.01	0.01	0.01	0.01	1.1983
novel-m0084-5p	22	CATTCCATGAGGGGTGTAGTGA	21	0	0	6	0	3	0	0.01	0.01	2.8839	0.01	1.5052	0.01
novel-m0131-3p	22	TCCTCCTTCGTCTCCCGCTTGA	20	2	3	0	0	6.251	9.5506	2.8839	0.01	0.01	0.01	0.01	0.01
novel-m0043-5p	22	ATTCTGGTGGCTGTACTTCGGT	20	0	0	5	6	0	0	0.01	0.01	2.4032	6.0984	0.01	0.01
novel-m0137-5p	22	AGCGAGATCTGCACTGGCGTGA	20	0	0	8	0	0	0	0.01	0.01	3.8451	0.01	0.01	0.01
novel-m0178-5p	22	TAACCCGGATGAAGAGAGTTG	19	0	0	4	9	0	0	0.01	0.01	1.9226	9.1477	0.01	0.01
novel-m0003-3p	22	CCTGTGAACCTTGGCATTACGC	19	0	0	2	8	0	0	0.01	0.01	0.9613	8.1313	0.01	0.01
novel-m0053-5p	22	TAACCCGGATGAAGAGAGTTG	19	0	0	4	9	0	0	0.01	0.01	1.9226	9.1477	0.01	0.01
novel-m0042-3p	22	TTTTGGAATCGGCTGTATAGG	19	0	0	7	0	4	2	0.01	0.01	3.3645	0.01	2.0069	1.1983
novel-m0146-5p	23	TTTCAATGATGAAATGTTATTGA	19	0	0	7	0	2	0	0.01	0.01	3.3645	0.01	1.0035	0.01
novel-m0148-3p	21	TGTGATTCTTATAGTCCTCAG	18	3	4	0	0	8	9.3764	12.7342	0.01	0.01	0.01	0.01	4.7933
novel-m0067-5p	22	TTGACTCAATGTATTGTTCCA	18	3	2	2	0	2	0	9.3764	6.3671	0.9613	0.01	1.0035	0.01
novel-m0130-3p	21	TGTGATTCTTATAGTCCTCAG	18	3	4	0	0	8	9.3764	12.7342	0.01	0.01	0.01	0.01	4.7933
novel-m0050-5p	23	TAATGGATAATGGCTTGGGAATTG	17	0	3	9	0	3	0	0.01	9.5506	4.3258	0.01	0.01	1.7975
novel-m0071-5p	23	TAATGGATAAGTGGCTTGGATTGA	17	0	0	5	0	0	0	0.01	0.01	2.4032	0.01	0.01	0.01
novel-m0173-5p	23	TAATGGATAAGTGGCTTGGATTGA	17	0	0	5	0	0	0	0.01	0.01	2.4032	0.01	0.01	0.01
novel-m0064-5p	23	TAATGGATAATGGCTTGGGAATTG	17	0	3	9	0	0	3	0.01	9.5506	4.3258	0.01	0.01	1.7975
novel-m0161-3p	22	TGACTAGCTGCTTGCTACGACT	17	0	0	2	0	4	5	0.01	0.01	0.9613	0.01	2.0069	2.9958
novel-m0030-3p	22	CGCTTGCCCGGTGTCGCGCGGG	17	0	0	4	3	6	0	0.01	0.01	1.9226	3.0492	3.0104	0.01
novel-m0153-3p	23	TAATGGATAAGTGGCTTGGATTGA	17	0	0	5	0	0	0	0.01	0.01	2.4032	0.01	0.01	0.01
novel-m0169-5p	23	TAATGGATAATGGCTTGGGAATTG	17	0	3	9	0	0	3	0.01	9.5506	4.3258	0.01	0.01	1.7975
novel-m0158-5p	23	TAATGGATAAGTGGCTTGGATTGA	17	0	0	5	0	0	0	0.01	0.01	2.4032	0.01	0.01	0.01
novel-m0108-5p	23	TTGCTTGAAAAGATTCTGATGCT	17	0	0	3	0	0	3	0.01	0.01	1.4419	0.01	0.01	1.7975
novel-m0109-3p	22	TTTCGCTTGAAGATGGAACAGA	16	3	0	4	0	0	0	9.3764	0.01	1.9226	0.01	0.01	0.01
novel-m0117-3p	22	ACAACCTTCAGTCAACTGTAGA	16	12	0	2	0	0	0	37.5057	0.01	0.9613	0.01	0.01	0.01
novel-m0116-3p	22	TAAAGTACAAGATCAGTTGGGA	16	0	4	3	0	2	0	0.01	12.7342	1.4419	0.01	1.0035	0.01
novel-m0010-3p	23	TTCTCGTCTGTCGCGAGGCGA	15	0	0	0	6	3	2	0.01	0.01	0.01	6.0984	1.5052	1.1983
novel-m0025-3p	23	TTCTCGTCTGTCGCGAGGCGA	15	0	0	0	6	3	2	0.01	0.01	0.01	6.0984	1.5052	1.1983
novel-m0145-3p	23	TGGCGAGGAGCCGCCCTGCTGT	15	0	0	0	7	2	6	0.01	0.01	0.01	7.1148	1.0035	3.595
novel-m0036-3p	20	ATGGGGTTTGGCGGATTTCG	15	9	0	2	0	0	2	28.1293	0.01	0.9613	0.01	0.01	1.1983
novel-m0155-3p	22	TTATGCCCTAACCTATGCATT	15	0	0	7	0	3	0	0.01	0.01	3.3645	0.01	1.5052	0.01
novel-m0002-3p	21	CATGTTTTGATGGTCTGTTTCA	15	0	2	3	5	0	0	0.01	6.3671	1.4419	5.082	0.01	0.01
novel-m0152-3p	22	CAAATGTAAACAATTATTATGGG	15	0	0	0	4	4	4	0.01	0.01	0.01	4.0656	2.0069	2.3967
novel-m0118-3p	21	AATGTAAACAACTATTATGCGGA	14	0	0	0	4	2	0	0.01	0.01	0.01	4.0656	1.0035	0.01
novel-m0063-3p	24	TAATTTCTTCAGTTTCCCTTGGTA	14	0	0	5	3	0	0	0.01	0.01	2.4032	3.0492	0.01	0.01
novel-m0135-3p	24	TTCTAAGGCTGGAGTTACTGTACG	14	0	0	0	12	0	0	0.01	0.01	0.01	12.1969	0.01	0.01
novel-m0136-3p	24	TTCTAAGGCTGGAGTTACTGTACG	14	0	0	0	12	0	0	0.01	0.01	0.01	12.1969	0.01	0.01
novel-m0035-3p	23	CAGGCTGCTATTCTATCTGGTGA	13	0	0	0	0	2	2	0.01	0.01	0.01	0.01	1.0035	1.1983
novel-m0018-3p	24	TTTATTTTGTGTTTGTGAGTGGAG	13	0	3	0	6	0	0	0.01	9.5506	0.01	6.0984	0.01	0.01
novel-m0150-5p	22	CGGAGCCGTAGCGAAAGCGAGT	12	0	0	0	2	4	0	0.01	0.01	0.01	2.0328	2.0069	0.01
novel-m0057-5p	18	CCCACATAATGATAAGAC	12	0	0	0	0	0	8	0.01	0.01	0.01	0.01	0.01	4.7933
novel-m0092-5p	22	CCGCCCCCGACCTGATCACTG	12	0	0	3	7	0	0	0.01	0.01	1.4419	7.1148	0.01	0.01
novel-m0179-3p	22	TTCATCTTTGGTGTTACAAGGA	12	0	0	5	3	0	0	0.01	0.01	2.4032	3.0492	0.01	0.01

novel-m0028-5p	22	TATGAAAACCTGTTGGATATTG	12	0	2	0	0	3	3	0.01	6.3671	0.01	0.01	1.5052	1.7975
novel-m0170-3p	22	TCTGTTTGTAGCAATGTGGTGC	11	0	0	3	2	2	2	0.01	0.01	1.4419	2.0328	1.0035	1.1983
novel-m0147-5p	19	CCCAGCTTGAGAATCGGGC	11	0	0	0	2	5	0	0.01	0.01	0.01	2.0328	2.5087	0.01
novel-m0059-3p	22	TCTTACCATTATGTGGGAGGTA	11	0	0	2	0	0	2	0.01	0.01	0.9613	0.01	0.01	1.1983
novel-m0174-5p	24	CGAATTTGGTCAGTTTATTTT	11	0	0	0	0	3	8	0.01	0.01	0.01	0.01	1.5052	4.7933
novel-m0116-5p	24	TTCCGTCTAATCTTGACTTTAAG	11	0	0	3	0	0	6	0.01	0.01	1.4419	0.01	0.01	3.595
novel-m0082-3p	22	TCTTACCATTATGTGGGAGGTA	11	0	0	2	0	0	2	0.01	0.01	0.9613	0.01	0.01	1.1983
novel-m0176-3p	22	TCTGTTTGTAGCAATGTGGTGC	11	0	0	3	2	2	2	0.01	0.01	1.4419	2.0328	1.0035	1.1983
novel-m0020-5p	23	AGGGAAATCTTATAATCTGCATT	11	0	0	5	0	0	4	0.01	0.01	2.4032	0.01	0.01	2.3967
novel-m0154-5p	23	CACATGCGAATACACACTGGAGA	11	0	0	0	0	3	2	0.01	0.01	0.01	0.01	1.5052	1.1983
novel-m0078-5p	23	TGTTTGCCAAAGCTTGAGCAAGA	10	0	3	4	3	0	0	0.01	9.5506	1.9226	3.0492	0.01	0.01
novel-m0093-3p	23	TCTACAGACCATGAGAACTTCC	10	0	0	2	0	3	0	0.01	0.01	0.9613	0.01	1.5052	0.01
novel-m0138-5p	22	TTAAATGATACCATGACTTATT	10	2	0	0	3	2	0	6.251	0.01	0.01	3.0492	1.0035	0.01
novel-m0023-3p	24	CTTGACAATCTCCGACCCCATCT	10	0	0	0	0	0	7	0.01	0.01	0.01	0.01	0.01	4.1941
novel-m0040-3p	23	CGGTGTTCCCTCACTCAGACAGAA	10	2	5	0	0	0	0	6.251	15.9177	0.01	0.01	0.01	0.01
novel-m0049-3p	22	TTCCAGTCGAATCCATTACATT	10	0	0	3	0	4	0	0.01	0.01	1.4419	0.01	2.0069	0.01
novel-m0175-3p	21	AGAACAAGATCAGTTGGGAAG	10	0	6	0	0	2	0	0.01	19.1013	0.01	0.01	1.0035	0.01
novel-m0180-3p	21	TACCGGGGTGTTGCGATGAGT	10	5	0	0	5	0	0	15.6274	0.01	0.01	5.082	0.01	0.01
novel-m0167-5p	22	GGTGCGCCGCGACCCGGCTCTGG	9	2	0	0	0	0	0	6.251	0.01	0.01	0.01	0.01	0.01
novel-m0119-3p	23	TCACGCCACTAAATACGGGCTTA	9	2	0	0	0	0	2	6.251	0.01	0.01	0.01	0.01	1.1983
novel-m0147-3p	23	TTCGAATTGTAGTCTGGAGAAGC	9	0	0	2	0	0	0	0.01	0.01	0.9613	0.01	0.01	0.01
novel-m0085-3p	22	AAAGTAAACCAAATCGGTATTT	9	0	0	4	0	0	0	0.01	0.01	1.9226	0.01	0.01	0.01
novel-m0032-3p	22	AGATGAAGACGATGAGATGGAC	9	3	0	0	0	0	0	9.3764	0.01	0.01	0.01	0.01	0.01
novel-m0005-5p	24	TCTTTTATGTGCGGGATAGGATAT	9	0	0	3	6	0	0	0.01	0.01	1.4419	6.0984	0.01	0.01
novel-m0133-3p	22	TTACACACAAGTAGGAGGTTGAA	9	3	4	2	0	0	0	9.3764	12.7342	0.9613	0.01	0.01	0.01
novel-m0175-5p	21	TTCCGTCCTGATCTTGACTTT	9	0	2	5	0	0	0	0.01	6.3671	2.4032	0.01	0.01	0.01
novel-m0013-5p	23	CCCAGCTGCAGCTGCTGACCAGA	9	0	0	0	0	2	4	0.01	0.01	0.01	0.01	1.0035	2.3967
novel-m0066-3p	22	AGTGTTGATTTCAATGTTCACT	9	0	3	3	0	0	0	0.01	9.5506	1.4419	0.01	0.01	0.01
novel-m0004-5p	24	TCTTTTATGTGCGGGATAGGATAT	9	0	0	3	6	0	0	0.01	0.01	1.4419	6.0984	0.01	0.01
novel-m0172-3p	23	TTTACAGAAGCTGTTATTCAGGA	9	0	0	0	0	2	5	0.01	0.01	0.01	0.01	1.0035	2.9958
novel-m0139-3p	22	GTTGAAGCATGTGCGAAAAGTT	9	0	0	0	0	0	4	0.01	0.01	0.01	0.01	0.01	2.3967
novel-m0034-5p	23	TGGTCCTACTTCCAGTGTAAAGG	9	5	2	0	0	0	2	15.6274	6.3671	0.01	0.01	0.01	1.1983
novel-m0166-3p	22	TCTACAGACTGCTGGCACCTTC	9	0	0	0	3	0	2	0.01	0.01	0.01	3.0492	0.01	1.1983
novel-m0086-5p	23	TGGTCCTACTTCCAGTGTAAAGG	9	5	2	0	0	0	2	15.6274	6.3671	0.01	0.01	0.01	1.1983
novel-m0120-3p	23	TCACGCCACTAAATACGGGCTTA	9	2	0	0	0	0	2	6.251	0.01	0.01	0.01	0.01	1.1983
novel-m0094-3p	24	GGAACCCCGCGGGTCGCCTCGGC	9	0	0	0	9	0	0	0.01	0.01	0.01	9.1477	0.01	0.01
novel-m0006-3p	22	TCTACAGACTGCTGGCACCTTC	9	0	0	0	3	0	2	0.01	0.01	0.01	3.0492	0.01	1.1983
novel-m0165-3p	23	TTTACAGAAGCTGTTATTCAGGA	9	0	0	0	0	2	5	0.01	0.01	0.01	0.01	1.0035	2.9958

Table S3.
The differentially expressed miRNAs.

SJ1-1	SJ1-2	SJ3-1	SJ3-2	SJ1-1_TPM	SJ1-2_TPM	SJ3-1_TPM	SJ3-2_TPM	control_mean	treat_mean	log2(fc)	PValue	SJ1-1
771	4381	48435	52864	2409.744	13947.1213	24301.4006	31674.1892	8178.43265	27987.7949	1.774901534	0.002468574	771
7	7	0	0	21.8784	22.2848	0	0	22.0816	0.01	-11.108629	0.046387317	7
38	139	1464	1545	118.7682	442.5131	734.536	925.7079	280.64065	830.12195	1.564599298	0.004651454	38
51	273	23	24	159.3994	869.1084	11.5398	14.3799	514.2539	12.95985	-5.310359905	0.02095477	51
1111	1220	45059	15845	3472.4067	3883.9279	22607.5526	9493.7486	3678.1673	16050.6506	2.12557277	0.000527609	1111
0	5	99	48	0	15.9177	49.6715	28.7599	7.95885	39.2157	2.300799461	0.011517265	0
133	47	1965	4610	415.6887	149.6267	985.9038	2762.1446	282.6577	1874.0242	2.729011679	0.000473181	133
21	87	2132	2339	65.6351	276.9686	1069.6931	1401.4439	171.30185	1235.5685	2.850562359	0.000271359	21
27	36	448	605	84.3879	114.6077	224.776	362.494	99.4978	293.635	1.56128741	0.003779103	27
11866	23295	556596	323745	37086.9289	74160.7373	279262.1526	193976.248	55623.8331	236619.2003	2.088792074	0.000474167	11866
6595	25034	530663	367750	20612.5313	79696.9263	266250.7306	220342.446	50154.7288	243296.5883	2.278258454	0.000528952	6595
387	4562	52300	36685	1209.5602	14523.3434	26240.5957	21980.3199	7866.4518	24110.4578	1.615874091	0.006802727	387
20	6	0	0	62.5096	19.1013	0	0	40.80545	0.01	-11.99454614	0.008133291	20
9	4	236	105	28.1293	12.7342	118.4088	62.9122	20.43175	90.6605	2.14966134	0.003383183	9
2	195	0	4	6.251	620.7917	0	2.3967	313.52135	1.19835	-8.031370545	0.010694365	2
2	4	366	467	6.251	12.7342	183.634	279.8094	9.4926	231.7217	4.609446052	1.30E-05	2
0	4	53	38	0	12.7342	26.5918	22.7682	6.3671	24.68	1.954634066	0.021639977	0
128	754	6028	8821	400.0613	2400.3948	3024.4419	5285.2229	1400.22805	4154.8324	1.569128469	0.005090362	128
32	0	0	0	100.0153	0	0	0	50.00765	0.01	-12.2879331	0.030009172	32
3	2	65	59	9.3764	6.3671	32.6126	35.3507	7.87175	33.98165	2.109999597	0.005496938	3
20	143	3546	5600	62.5096	455.2473	1779.1425	3355.3166	258.87845	2567.22955	3.309865521	0.000215835	20
27	31	2	0	84.3879	98.69	1.0035	0	91.53895	0.50175	-7.511273222	0.005330731	27
37	4	0	2	115.6427	12.7342	0	1.1983	64.18845	0.59915	-6.74325268	0.029237826	37
26	70	2220	728	81.2624	222.8483	1113.8456	436.1912	152.05535	775.0184	2.349633985	0.001114687	26
5	16	0	0	15.6274	50.9368	0	0	33.2821	0.01	-11.70053075	0.014954145	5
3	16	0	0	9.3764	50.9368	0	0	30.1566	0.01	-11.55825807	0.027770318	3
22	2	0	0	68.7605	6.3671	0	0	37.5638	0.01	-11.8751273	0.017884422	22
6	10	0	0	18.7529	31.8355	0	0	25.2942	0.01	-11.3045909	0.031823202	6
754	1395	24180	21444	2356.6109	4441.0487	12131.8853	12848.4661	3398.8298	12490.1757	1.877683747	0.000682415	754
24	139	3558	5630	75.0115	442.5131	1785.1633	3373.2916	258.7623	2579.22745	3.317239657	0.00014668	24
11	5	0	0	34.3803	15.9177	0	0	25.149	0.01	-11.29628532	0.030289593	11

116	1860	13224	11082	362.5555	5921.3982	6634.907	6639.932	3141.97685	6637.4195	1.078949908	0.022296309	116
56	18	3599	2295	175.0268	57.3039	1805.7343	1375.0807	116.16535	1590.4075	3.775144757	3.64E-05	56
82	82	4128	3402	256.2892	261.0509	2071.1506	2038.3549	258.67005	2054.75275	2.989779877	4.95E-05	82
2	4	63	66	6.251	12.7342	31.6091	39.5448	9.4926	35.57695	1.906067637	0.006889478	2
453	826	7793	7270	1415.8418	2629.6102	3909.9993	4355.92	2022.726	4132.95965	1.030874374	0.006106707	453
15	118	684	1088	46.8822	375.6586	343.1848	651.8901	211.2704	497.53745	1.23571447	0.017201064	15
135	501	8818	8242	421.9396	1594.9573	4424.2748	4938.3071	1008.44845	4681.29095	2.214769096	0.000662915	135
0	2	30	60	0	6.3671	15.052	35.9498	3.18355	25.5009	3.001839837	0.004828413	0
5	0	53	28	15.6274	0	26.5918	16.7766	7.8137	21.6842	1.472566448	0.048184374	5

Table 4.

The enriched GO terms among different development stages.

GO ID	GO:0043231	GO:0043227	GO:0012505	GO:0097458	GO:0043005	GO:0042995	GO:0005515	GO:0003700	GO:0050793
	C	C	C	C	C	C	F	F	P
Description	intracellular membrane-bounded organelle	membrane-bounded organelle	endomembrane system	neuron part	neuron projection	cell projection	protein binding	transcription factor activity, sequence-specific DNA binding	regulation of developmental process
GeneRatio (552)	311	343	41	20	19	45	174	13	43
BgRatio (2076)	990	1135	93	36	35	113	478	18	85
p value	1.29E-06	2.26E-05	0.0001458	0.000193823	0.000419512	0.001113656	4.22E-06	0.000113783	1.00E-05
p.adjust	3.21E-04	2.81E-03	1.21E-02	1.21E-02	2.09E-02	4.62E-02	1.63E-03	2.19E-02	1.96E-02
geneID	Unigene0017040;Unigene008434;Unigene0029612;Unigene0003042;Unigene0005769;Unigene0027081;Unigene0034115;Unigene0017661;Unigene0002456;Unigene0026534;Unigene0032008;Unigene0014038;Unigene0029242;Unigene0033901;Unigene0013126;Unigene0002850;Unigene0015023;Unigene0030644;Unigene00039988;Unigene0003008;Unigene00236	Unigene0002693;Unigene0017040;Unigene00028434;Unigene0029612;Unigene0003042;Unigene0005769;Unigene0027081;Unigene0034115;Unigene0017661;Unigene0002456;Unigene0026534;Unigene0032008;Unigene0014038;Unigene0029242;Unigene0033901;Unigene0013126;Unigene0002850;Unigene0015023;Unigene0030644;Unigene00039988;Unigene0003008;Unigene00236	Unigene0026534;Unigene0032008;Unigene0030644;Unigene0023602;Unigene0048166;Unigene0031017;Unigene0036166;Unigene0017323;Unigene0024052;Unigene0030713;Unigene0045247;Unigene0036167;Unigene0006024;Unigene0001012;Unigene0015299;Unigene0013934;Unigene0000896;Unigene0045113;Unigene0003547;Unigene0022854;Unigene0004216;Unigene0015543;Unigene0014583;Unigene0010754;Unigene0045306;	Unigene0003965;Unigene0015023;Unigene0006957;Unigene0027823;Unigene0021463;Unigene0009224;Unigene0023995;Unigene0047189;Unigene0030291;Unigene000896;Unigene0010175;Unigene0044386;Unigene0014583;Unigene0023697;Unigene0009042;Unigene0043965;Unigene0029749;Unigene00006600	Unigene0003965;Unigene0015023;Unigene0006957;Unigene0027823;Unigene0021463;Unigene0009224;Unigene0023995;Unigene0047189;Unigene0030291;Unigene000896;Unigene0010175;Unigene0044386;Unigene0014583;Unigene0023697;Unigene0009042;Unigene0043965;Unigene0029749;Unigene00006600	Unigene0003965;Unigene0015023;Unigene0006957;Unigene0027823;Unigene0021463;Unigene0009224;Unigene0023995;Unigene0047189;Unigene0030291;Unigene000896;Unigene0010175;Unigene0044386;Unigene0014583;Unigene0023697;Unigene0009042;Unigene0043965;Unigene0029749;Unigene00006600	Unigene0028434;Unigene0005769;Unigene0027081;Unigene0017661;Unigene0003965;Unigene002456;Unigene0026534;Unigene0032008;Unigene0029242;Unigene0015023;Unigene00039988;Unigene0003008;Unigene00236	Unigene0022820;Unigene0025396;Unigene0002812;Unigene0005404;Unigene0016110;Unigene0015163;Unigene0009921;Unigene0015681;Unigene0012178;Unigene0031951;Unigene0009920;Unigene0030437;Unigene00035031	Unigene0028434;Unigene0003965;Unigene0002410;Unigene0015023;Unigene0045067;Unigene0010134;Unigene0012814;Unigene0030668;Unigene0027823;Unigene0026600;Unigene0025687;Unigene0002486;Unigene0047189;Unigene0011085;Unigene0011853;Unigene0016110;Unigene0014447;Unigene0005961;Unigene0015163;Unigene0000896;

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 1045 1046 1047 1048 1049 1050 1051 1052 1053 1054 1055 1056 1057 1058 1059 1060 1061 1062 1063 1064 1065 1066 1067 1068 1069 1070 1071 1072 1073 1074 1075 1076 1077 1078 1079 1080 1081 1082 1083 1084 1085 1086 1087 1088 1089 1090 1091 1092 1093 1094 1095 1096 1097 1098 1099 1100 1101 1102 1103 1104 1105 1106 1107 1108 1109 1110 1111 1112 1113 1114 1115 1116 1117 1118 1119 1120 1121 1122 1123 1124 1125 1126 1127 1128 1129 1130 1131 1132 1133 1134 1135 1136 1137 1138 1139 1140 1141 1142 1143 1144 1145 1146 1147 1148 1149 1150 1151 1152 1153 1154 1155 1156 1157 1158 1159 1160 1161 1162 1163 1164 1165 1166 1167 1168 1169 1170 1171 1172 1173 1174 1175 1176 1177 1178 1179 1180 1181 1182 1183 1184 1185 1186 1187 1188 1189 1190 1191 1192 1193 1194 1195 1196 1197 1198 1199 1200 1201 1202 1203 1204 1205 1206 1207 1208 1209 1210 1211 1212 1213 1214 1215 1216 1217 1218 1219 1220 1221 1222 1223 1224 1225 1226 1227 1228 1229 1230 1231 1232 1233 1234 1235 1236 1237 1238 1239 1240 1241 1242 1243 1244 1245 1246 1247 1248 1249 1250 1251 1252 1253 1254 1255 1256 1257 1258 1259 1260 1261 1262 1263 1264 1265 1266 1267 1268 1269 1270 1271 1272 1273 1274 1275 1276 1277 1278 1279 1280 1281 1282 1283 1284 1285 1286 1287 1288 1289 1290 1291 1292 1293 1294 1295 1296 1297 1298 1299 1300 1301 1302 1303 1304 1305 1306 1307 1308 1309 1310 1311 1312 1313 1314 1315 1316 1317 1318 1319 1320 1321 1322 1323 1324 1325 1326 1327 1328 1329 1330 1331 1332 1333 1334 1335 1336 1337 1338 1339 1340 1341 1342 1343 1344 1345 1346 1347 1348 1349 1350 1351 1352 1353 1354 1355 1356 1357 1358 1359 1360 1361 1362 1363 1364 1365 1366 1367 1368 1369 1370 1371 1372 1373 1374 1375 1376 1377 1378 1379 1380 1381 1382 1383 1384 1385 1386 1387 1388 1389 1390 1391 1392 1393 1394 1395 1396 1397 1398 1399 1400 1401 1402 1403 1404 1405 1406 1407 1408 1409 1410 1411 1412 1413 1414 1415 1416 1417 1418 1419 1420 1421 1422 1423 1424 1425 1426 1427 1428 1429 1430 1431 1432 1433 1434 1435 1436 1437 1438 1439 1440 1441 1442 1443 1444 1445 1446 1447 1448 1449 1450 1451 1452 1453 1454 1455 1456 1457 1458 1459 1460 1461 1462 1463 1464 1465 1466 1467 1468 1469 1470 1471 1472 1473 1474 1475 1476 1477 1478 1479 1480 1481 1482 1483 1484 1485 1486 1487 1488 1489 1490 1491 1492 1493 1494 1495

002812;Unigene0015426;Unigene0045247;Unigene0009018;Unigene0040980;Unigene0007748;Unigene0010938;Unigene0007206;Unigene0028352;Unigene0027087;Unigene0026500;Unigene0001275;Unigene0028864;Unigene0045527;Unigene0007628;Unigene0036167;Unigene0009570;Unigene0023995;Unigene0020433;Unigene0005726;Unigene0047189;Unigene0002387;Unigene0018494;Unigene0006024;Unigene0041454;Unigene0030291;Unigene0008132;Unigene0029313;Unigene0010083;Unigene0032239;Unigene0030930;Unigene0045606;Unigene0028105;Unigene00430	Unigene0003428;Unigene0021463;Unigene0040981;Unigene0002758;Unigene0044149;Unigene0017347;Unigene0024052;Unigene0003395;Unigene0030713;Unigene003714;Unigene0025687;Unigene0002812;Unigene0015426;Unigene003466;Unigene0027393;Unigene0045247;Unigene0009018;Unigene0040980;Unigene0007748;Unigene0042853;Unigene0010938;Unigene007206;Unigene0028352;Unigene0027087;Unigene0026500;Unigene001275;Unigene0008578;Unigene0021518;Unigene0028864;Unigene0045527;Unigene0007628;Unigene0036167;					Unigene0002205;Unigene0025269;Unigene0043407;Unigene0000896;Unigene0046198;Unigene0045113;Unigene0010175;Unigene0028301;Unigene0044386;Unigene0014583;Unigene0015779;Unigene0020281;Unigene0010754;Unigene0004836;Unigene0045306;Unigene0006146;Unigene0045211;Unigene0004143;Unigene0023442;Unigene0023697;Unigene0023384;Unigene0021640;Unigene0001563;Unigene0029842;Unigene0003330;Unigene0025309;Unigene0041840;Unigene0013052;Unigene0015504;Unigene0045764;Unigene0016335;Unigene0023429;		
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34;Unigene0004818;Unigene0010008;Unigene0027401;Unigene0045400;Unigene0011085;Unigene0015037;Unigene0003684;Unigene0001012;Unigene0004807;Unigene0045188;Unigene0016110;Unigene0023912;Unigene0042391;Unigene0030698;Unigene0013904;Unigene0044853;Unigene0024264;Unigene00030872;Unigene0005961;Unigene0015299;Unigene0020361;Unigene0023496;Unigene0012397;Unigene0015163;Unigene0018159;Unigene0002205;Unigene0013934;Unigene0016464;Unigene0025269;Unigene0002645;Unigene000896;Unigene0039402;Unigene0046198;Un	Unigene0009570;Unigene0023978;Unigene0023995;Unigene0020433;Unigene0005726;Unigene0047189;Unigene0053335;Unigene0002387;Unigene0018494;Unigene006024;Unigene0041454;Unigene0030291;Unigene0008132;Unigene0029313;Unigene0010083;Unigene0032239;Unigene0030930;Unigene0045606;Unigene0028105;Unigene0043034;Unigene0004818;Unigene0010008;Unigene0027401;Unigene0014750;Unigene0045400;Unigene0011085;Unigene0015037;Unigene0003684;Unigene0001012;Unigene004807;Unigene0045188;Unigene0016110;Un					Unigene0002401;Unigene0025072;Unigene0018403;Unigene0032563;Unigene0016523;Unigene0023876;Unigene0030611;Unigene0046503;Unigene0000253;Unigene0027947;Unigene0021898;Unigene0012178;Unigene0030992;Unigene0021288;Unigene0015382;Unigene0005426;Unigene0047634;Unigene0017728;Unigene0030970;Unigene0017564;Unigene0033766;Unigene0031311;Unigene0043965;Unigene0032322;Unigene0039209;Unigene0041178;Unigene0051178;Unigene0001542;Unigene0029891;Unigene0031630;Unigene0003638;Unigene0009920;		
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1;Unigene0045113; Unigene00035 47;Unigene002 2854;Unigene0 004216;Unige ne0029757;Un igene0028301; Unigene00443 86;Unigene004 3625;Unigene0 015543;Unige ne0033380;Un igene0014583; Unigene00382 17;Unigene001 5458;Unigene0 015779;Unige ne0020281;Un igene0010754; Unigene00453 06;Unigene001 3707;Unigene0 032084;Unige ne0006146;Un igene0030640; Unigene00012 38;Unigene004 5211;Unigene0 004143;Unige ne0032693;Un igene0009765; Unigene00234 42;Unigene000 6649;Unigene0 023697;Unige ne0020647;Un igene0023384; Unigene00281 59;Unigene002 9445;Unigene0	Unigene00239 12;Unigene00 42391;Unigen e0030698;Uni gene0013904; Unigene00448 53;Unigene00 24264;Unigen e0030872;Uni gene0005961; Unigene00152 99;Unigene00 20361;Unigen e0023496;Uni gene0012397; Unigene00026 21;Unigene00 15163;Unigen e0018159;Uni gene0002205; Unigene00139 34;Unigene00 16464;Unigen e0025269;Uni gene0043407; Unigene00026 45;Unigene00 00896;Unigen e0039402;Uni gene0046198; Unigene00451 13;Unigene00 03547;Unigen e0022854;Uni gene0004216; Unigene00297 57;Unigene00 03941;Unigen e0028301;Uni gene0044386;					Unigene00092 20;Unigene00 25961;Unigen e0037644;Uni gene0005060; Unigene00158 89;Unigene00 44900;Unigen e0031180;Uni gene0017010; Unigene00230 16;Unigene00 17137;Unigen e0017927;Uni gene0012864; Unigene00304 37;Unigene00 44614;Unigen e0011086;Uni gene0032850; Unigene00012 35;Unigene00 06600;Unigen e0045823;Uni gene0031926; Unigene00350 31;Unigene00 03730;Unigen e0003148;Uni gene0023643; Unigene00266 76;Unigene00 03607		
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021640;Unigene0011742;Unigene0029842;Unigene0003330;Unigene0041549;Unigene0013052;Unigene0026016;Unigene0028613;Unigene0003021;Unigene001973;Unigene0031120;Unigene00005714;Unigene0053287;Unigene0002401;Unigene0018830;Unigene0003260;Unigene0039366;Unigene0022845;Unigene0044418;Unigene0027391;Unigene0030601;Unigene0018403;Unigene0016523;Unigene0023876;Unigene0030611;Unigene000253;Unigene0027947;Unigene0026810;Unigene0025931;Unigene0002357;Unigene0021898;Unigene0026201;Unigene0012178;Unigene00426	Unigene0043625;Unigene0015543;Unigene0033380;Unigene0014583;Unigene0038217;Unigene0015458;Unigene0015779;Unigene0020281;Unigene0024370;Unigene0010754;Unigene0045306;Unigene0013707;Unigene0032084;Unigene006146;Unigene0030640;Unigene0002906;Unigene0001238;Unigene0045211;Unigene0004143;Unigene0032693;Unigene0009765;Unigene0023442;Unigene0027269;Unigene0006649;Unigene0023697;Unigene0020647;Unigene0023384;Unigene0028159;Unigene0029445;Unigene0021640;Unigene0011742;Unigene0029842;							
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63;Unigene0041383;Unigene0046672;Unigene0031951;Unigene0031658;Unigene0015382;Unigene0005426;Unigene0047634;Unigene00022616;Unigene0003405;Unigene0029171;Unigene0004589;Unigene0017728;Unigene0009042;Unigene0056705;Unigene0031365;Unigene0030970;Unigene0024303;Unigene0001306;Unigene0033766;Unigene0031311;Unigene0011380;Unigene0004792;Unigene0004161;Unigene0032074;Unigene0003551;Unigene0043965;Unigene0032322;Unigene0019750;Unigene0011109;Unigene0001341;Unigene0031617;Unigene0041178;Unigene0029891;Un	Unigene0003330;Unigene0041549;Unigene0013052;Unigene0026016;Unigene0028613;Unigene003021;Unigene0011973;Unigene0031120;Unigene0005714;Unigene0053287;Unigene0002401;Unigene0018830;Unigene0003260;Unigene0039366;Unigene0022845;Unigene0044418;Unigene0027391;Unigene0030601;Unigene0018403;Unigene0032563;Unigene0016523;Unigene0023876;Unigene0030611;Unigene0000253;Unigene0027947;Unigene0026810;Unigene0025931;Unigene0002357;Unigene0021898;Unigene003206;Unigene0026201;Unigene0012178;							
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ighene0009290; Unigene00317 80;Unigene002 8043;Unigene0 027733;Unige ne0027540;Un ighene0022782; Unigene00023 83;Unigene000 6753;Unigene0 009920;Unige ne0038684;Un ighene0017987; Unigene00259 61;Unigene003 7644;Unigene0 001376;Unige ne0034846;Un ighene0015889; Unigene00467 76;Unigene004 4279;Unigene0 044900;Unige ne0031180;Un ighene0003189; Unigene00442 80;Unigene001 1227;Unigene0 023016;Unige ne0044322;Un ighene0040015; Unigene00221 10;Unigene003 0674;Unigene0 010353;Unige ne0006948;Un ighene0029749; Unigene00304 37;Unigene003 9723;Unigene0	Unigene00426 63;Unigene00 41383;Unigen e0046672;Uni gene0031951; Unigene00316 58;Unigene00 15382;Unigen e0005426;Uni gene0047634; Unigene00226 16;Unigene00 03405;Unigen e0029171;Uni gene0004589; Unigene00352 94;Unigene00 17728;Unigen e0009042;Uni gene0056705; Unigene00313 65;Unigene00 30970;Unigen e0024303;Uni gene0001306; Unigene00337 66;Unigene00 31311;Unigen e0011380;Uni gene0004792; Unigene00041 61;Unigene00 32074;Unigen e0003551;Uni gene0043965; Unigene00323 22;Unigene00 19750;Unigen e0011109;Uni gene0001341;							
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	018282;Unigene0024695;Unigene0044614;Unigene0011086;Unigene0031990;Unigene0003373;Unigene00033741;Unigene0032850;Unigene0056767;Unigene0006600;Unigene0022541;Unigene00004625;Unigene0036037;Unigene0003572;Unigene0045823;Unigene0014742;Unigene0035031;Unigene0004647;Unigene0003730;Unigene003148;Unigene0023643;Unigene0016701;Unigene0018074;Unigene0010641	Unigene0019740;Unigene0031617;Unigene0041178;Unigene0029891;Unigene0009290;Unigene0031780;Unigene0028043;Unigene0027733;Unigene0027540;Unigene0022782;Unigene0002383;Unigene0006753;Unigene0030816;Unigene0006671;Unigene0009920;Unigene0038684;Unigene0017987;Unigene0025961;Unigene0037644;Unigene0001376;Unigene0034846;Unigene0015889;Unigene0046776;Unigene0044279;Unigene0044900;Unigene0031180;Unigene0003189;Unigene0044280;Unigene0011227;Unigene0023016;Unigene0044322;Unigene0040015;						
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		Unigene00221 10;Unigene00 30674;Unigen e0017927;Uni gene0010353; Unigene00069 48;Unigene00 29749;Unigen e0030437;Uni gene0039723; Unigene00182 82;Unigene00 24695;Unigen e0044614;Uni gene0011086; Unigene00319 90;Unigene00 40588;Unigen e0003373;Uni gene0033741; Unigene00328 50;Unigene00 06754;Unigen e0056767;Uni gene0006600; Unigene00225 41;Unigene00 04625;Unigen e0036037;Uni gene0003572; Unigene00458 23;Unigene00 14742;Unigen e0035031;Uni gene0004647; Unigene00037 30;Unigene00 03148;Unigen e0042448;Uni gene0023643;							
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		Unigene0016701;Unigene0018074;Unigene0010641							
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Table 5. The top 10 interactions of DEMs-target gene.

Factor1	Factor2	rho	p value	fdr
lin-4-x	Unigene0004580	-0.941123948	0.005097541	0.419518134
lin-4-x	Unigene0008321	-0.941123948	0.005097541	0.419518134
lin-4-x	Scai	-0.941123948	0.005097541	0.419518134
lin-4-x	Unigene0008911	-0.941123948	0.005097541	0.419518134
lin-4-x	Unigene0014060	-0.941123948	0.005097541	0.419518134
lin-4-x	Unigene0015021	-0.941123948	0.005097541	0.419518134
lin-4-x	Unigene0021288	-0.941123948	0.005097541	0.419518134
lin-4-x	Unigene0021853	-0.941123948	0.005097541	0.419518134
lin-4-x	Unigene0028653	-0.941123948	0.005097541	0.419518134
lin-4-x	Unigene0028837	-0.941123948	0.005097541	0.419518134
miR-133-y	Unigene0016783	-1	0.002777778	0.394321577
miR-133-y	zmynd10	-1	0.002777778	0.394321577
miR-133-y	SLC2A12	-1	0.002777778	0.394321577
miR-133-y	ORF50	-1	0.002777778	0.394321577
miR-133-y	Unigene0000235	-0.942857143	0.016666667	0.419518134
miR-133-y	opgH	-0.942857143	0.016666667	0.419518134
miR-133-y	Unigene0001190	-0.942857143	0.016666667	0.419518134
miR-133-y	tll6	-0.942857143	0.016666667	0.419518134
miR-133-y	Unigene0001670	-0.942857143	0.016666667	0.419518134
miR-133-y	Unigene0003048	-0.942857143	0.016666667	0.419518134
miR-133-z	Ccdc88a	-1	0.002777778	0.394321577
miR-133-z	Unigene0018619	-1	0.002777778	0.394321577
miR-133-z	ZNF236	-1	0.002777778	0.394321577
miR-133-z	Unigene0027890	-1	0.002777778	0.394321577
miR-133-z	Unigene0035349	-1	0.002777778	0.394321577
miR-133-z	MTSS1	-1	0.002777778	0.394321577
miR-133-z	Unigene0042548	-0.985610761	0.000309086	0.089459941
miR-133-z	ZNF182	-0.985610761	0.000309086	0.089459941
miR-133-z	Unigene0001325	-0.942857143	0.016666667	0.419518134
miR-133-z	Syap1	-0.942857143	0.016666667	0.419518134
miR-1-y	Unigene0001594	-1	0.002777778	0.394321577
miR-1-y	Unigene0002112	-1	0.002777778	0.394321577

miR-1-y	Unigene0006532	-1	0.002777778	0.394321577
miR-1-y	Unigene0007950	-1	0.002777778	0.394321577
miR-1-y	CEP63	-1	0.002777778	0.394321577
miR-1-y	Unigene0013307	-1	0.002777778	0.394321577
miR-1-y	Unigene0017246	-1	0.002777778	0.394321577
miR-1-y	Memo1	-1	0.002777778	0.394321577
miR-1-y	Unigene0019069	-1	0.002777778	0.394321577
miR-1-y	ift43b	-1	0.002777778	0.394321577
miR-281-y	Unigene0002354	-1	0.002777778	0.394321577
miR-281-y	Unigene0003456	-1	0.002777778	0.394321577
miR-281-y	AP1S2	-1	0.002777778	0.394321577
miR-281-y	Tmem101	-1	0.002777778	0.394321577
miR-281-y	Unigene0009775	-1	0.002777778	0.394321577
miR-281-y	Unigene0020873	-1	0.002777778	0.394321577
miR-281-y	FBPA	-1	0.002777778	0.394321577
miR-281-y	jagn	-1	0.002777778	0.394321577
miR-281-y	TTN	-1	0.002777778	0.394321577
miR-281-y	FIS1	-0.942857143	0.016666667	0.419518134
miR-3104-x	Unigene0002479	-1	0.002777778	0.394321577
miR-3104-x	mariner\T	-1	0.002777778	0.394321577
miR-3104-x	Unigene0040260	-1	0.002777778	0.394321577
miR-3104-x	Plekhm3	-1	0.002777778	0.394321577
miR-3104-x	Unigene0043965	-1	0.002777778	0.394321577
miR-3104-x	Unigene0002265	-0.942857143	0.016666667	0.419518134
miR-3104-x	IFI30	-0.942857143	0.016666667	0.419518134
miR-3104-x	Unigene0003829	-0.942857143	0.016666667	0.419518134
miR-3104-x	Unigene0006222	-0.942857143	0.016666667	0.419518134
miR-3104-x	A	-0.942857143	0.016666667	0.419518134
miR-375-y	cdk5	-1	0.002777778	0.394321577
miR-375-y	Mpdu1	-1	0.002777778	0.394321577
miR-375-y	Unigene0045265	-1	0.002777778	0.394321577
miR-375-y	Unigene0048135	-1	0.002777778	0.394321577
miR-375-y	Unigene0044418	-0.985610761	0.000309086	0.089459941
miR-375-y	Unigene0001582	-0.942857143	0.016666667	0.419518134
miR-375-y	Unigene0001594	-0.942857143	0.016666667	0.419518134

miR-375-y	Unigene0001745	-0.942857143	0.016666667	0.419518134
miR-375-y	Unigene0002112	-0.942857143	0.016666667	0.419518134
miR-375-y	CFAP69	-0.942857143	0.016666667	0.419518134
miR-5119-y	Unigene0012226	-1	0.002777778	0.394321577
miR-5119-y	Unigene0016968	-1	0.002777778	0.394321577
miR-5119-y	Unigene0022997	-1	0.002777778	0.394321577
miR-5119-y	Unigene0028755	-1	0.002777778	0.394321577
miR-5119-y	DSCAML1	-1	0.002777778	0.394321577
miR-5119-y	Unigene0000462	-0.942857143	0.016666667	0.419518134
miR-5119-y	Unigene0001286	-0.942857143	0.016666667	0.419518134
miR-5119-y	Unigene0001842	-0.942857143	0.016666667	0.419518134
miR-5119-y	TMEM104	-0.942857143	0.016666667	0.419518134
miR-5119-y	CEBPD	-0.942857143	0.016666667	0.419518134
miR-598-x	Unigene0002523	-1	0.002777778	0.394321577
miR-598-x	Unigene0003635	-1	0.002777778	0.394321577
miR-598-x	Unigene0006403	-1	0.002777778	0.394321577
miR-598-x	Unigene0008478	-1	0.002777778	0.394321577
miR-598-x	Slc26a5	-1	0.002777778	0.394321577
miR-598-x	Unigene0012694	-1	0.002777778	0.394321577
miR-598-x	Unigene0018446	-1	0.002777778	0.394321577
miR-598-x	TMEM63B	-1	0.002777778	0.394321577
miR-598-x	Unigene0020490	-1	0.002777778	0.394321577
miR-598-x	Unigene0022306	-1	0.002777778	0.394321577
miR-6752-x	Flvcr2	-0.985610761	0.000309086	0.089459941
miR-6752-x	Unigene0001071	-0.985610761	0.000309086	0.089459941
miR-6752-x	Cldnd1	-0.985610761	0.000309086	0.089459941
miR-6752-x	Pal2	-0.985610761	0.000309086	0.089459941
miR-6752-x	Unigene0001803	-0.985610761	0.000309086	0.089459941
miR-6752-x	tni-4	-0.985610761	0.000309086	0.089459941
miR-6752-x	Unigene0002372	-0.985610761	0.000309086	0.089459941
miR-6752-x	fam45a	-0.985610761	0.000309086	0.089459941
miR-6752-x	Unigene0002670	-0.985610761	0.000309086	0.089459941
miR-6752-x	Unigene0002794	-0.985610761	0.000309086	0.089459941
miR-7070-x	Unigene0000026	-0.941123948	0.005097541	0.419518134
miR-7070-x	Unigene0002471	-0.941123948	0.005097541	0.419518134

miR-7070-x	Unigene0002498	-0.941123948	0.005097541	0.419518134
miR-7070-x	Unigene0002959	-0.941123948	0.005097541	0.419518134
miR-7070-x	Nrg2	-0.941123948	0.005097541	0.419518134
miR-7070-x	Slc7a11	-0.941123948	0.005097541	0.419518134
miR-7070-x	Unigene0012378	-0.941123948	0.005097541	0.419518134
miR-7070-x	PLA2G12A	-0.941123948	0.005097541	0.419518134
miR-7070-x	Slc25a30	-0.941123948	0.005097541	0.419518134
miR-7070-x	Unigene0029869	-0.941123948	0.005097541	0.419518134
novel-m0083-3p	TRIO	-1	0.002777778	0.394321577
novel-m0083-3p	Unigene0003827	-1	0.002777778	0.394321577
novel-m0083-3p	ZNF84	-1	0.002777778	0.394321577
novel-m0083-3p	Unigene0011945	-1	0.002777778	0.394321577
novel-m0083-3p	Unigene0020526	-1	0.002777778	0.394321577
novel-m0083-3p	Unigene0030101	-1	0.002777778	0.394321577
novel-m0083-3p	Unigene0030215	-1	0.002777778	0.394321577
novel-m0083-3p	Unigene0034050	-1	0.002777778	0.394321577
novel-m0083-3p	Unigene0044134	-0.985610761	0.000309086	0.089459941
novel-m0083-3p	STX5	-0.942857143	0.016666667	0.419518134
novel-m0104-3p	GNAO1	-0.941123948	0.005097541	0.419518134
novel-m0104-3p	Unigene0000341	-0.941123948	0.005097541	0.419518134
novel-m0104-3p	MRPS27	-0.941123948	0.005097541	0.419518134
novel-m0104-3p	vwkA	-0.941123948	0.005097541	0.419518134
novel-m0104-3p	ZNF665	-0.941123948	0.005097541	0.419518134
novel-m0104-3p	Unigene0003004	-0.941123948	0.005097541	0.419518134
novel-m0104-3p	Unigene0003096	-0.941123948	0.005097541	0.419518134
novel-m0104-3p	Unigene0003117	-0.941123948	0.005097541	0.419518134
novel-m0104-3p	GOLGA7	-0.941123948	0.005097541	0.419518134
novel-m0104-3p	Unigene0003169	-0.941123948	0.005097541	0.419518134
novel-m0112-3p	Unigene0001602	-1	0.002777778	0.394321577
novel-m0112-3p	Dhx8	-1	0.002777778	0.394321577
novel-m0112-3p	Zasp52	-1	0.002777778	0.394321577
novel-m0112-3p	Unigene0002252	-1	0.002777778	0.394321577
novel-m0112-3p	Unigene0002745	-1	0.002777778	0.394321577
novel-m0112-3p	Unigene0003360	-1	0.002777778	0.394321577
novel-m0112-3p	Unigene0003848	-1	0.002777778	0.394321577

novel-m0112-3p	Unigene0010296	-1	0.002777778	0.394321577
novel-m0112-3p	Unigene0013174	-1	0.002777778	0.394321577
novel-m0112-3p	Unigene0013365	-1	0.002777778	0.394321577
novel-m0141-3p	Zfand4	-0.985610761	0.000309086	0.089459941
novel-m0141-3p	ICL	-0.985610761	0.000309086	0.089459941
novel-m0141-3p	Unigene0038812	-0.970588235	0.001284857	0.36258429
novel-m0141-3p	Zfp26	-0.927633657	0.007665844	0.419518134
novel-m0141-3p	Unigene0001325	-0.927633657	0.007665844	0.419518134
novel-m0141-3p	Unigene0011367	-0.927633657	0.007665844	0.419518134
novel-m0141-3p	Unigene0013309	-0.927633657	0.007665844	0.419518134
novel-m0141-3p	K02A2.6	-0.927633657	0.007665844	0.419518134
novel-m0141-3p	ODF2	-0.927633657	0.007665844	0.419518134
novel-m0141-3p	Unigene0017421	-0.927633657	0.007665844	0.419518134