

Supplementary Table 2. miRNAs differentially expressed in MSA striatum

Probe Name	Accession #	Fold change	P value	FDR	seed + m8
hsa-miR-24-3p	MIMAT0000080	1.53	0.00000513	0.03	GGCUCAG
hsa-miR-25-3p	MIMAT0000081	1.7	0.00004123	0.04	AUUGCAC
hsa-miR-100-5p	MIMAT0000098	1.98	0.00002345	0.04	ACCGUA
hsa-miR-181a-3p	MIMAT0000270	2	0.00004035	0.04	CCAUCGA
hsa-miR-181a-5p	MIMAT0000256	2.15	0.00004082	0.04	ACAUUCA
hsa-miR-219a-2-3p	MIMAT0004675	3.29	0.00003746	0.04	GAAUUGU
hsa-miR-30b-5p	MIMAT0000420	-1.66	0.00008081	0.05	GUAAACA
hsa-miR-151a-3p	MIMAT0000757	1.69	0.00006743	0.05	UAGACUG
hsa-miR-296-5p	MIMAT0000690	1.69	0.00005952	0.05	GGGCCCC
hsa-miR-185-5p	MIMAT0000455	1.74	0.00007177	0.05	GGAGAGA
hsa-miR-93-5p	MIMAT0000093	1.49	0.00013672	0.07	AAAGUGC
hsa-miR-625-5p	MIMAT0003294	1.96	0.00012262	0.07	GGGGGAA
hsa-miR-539-5p	MIMAT0003163	-1.65	0.00018507	0.08	GAGAAAU
hsa-miR-421	MIMAT0003339	1.56	0.00017067	0.08	UCAACAG
hsa-miR-181c-5p	MIMAT0000258	1.65	0.00021617	0.08	ACAUUCA
hsa-miR-181b-5p	MIMAT0000257	2.03	0.00022918	0.08	ACAUUCA
hsa-miR-664b-3p	MIMAT0022272	1.56	0.00032707	0.11	UCAUUUG
hsa-miR-376c-3p	MIMAT0000720	-1.47	0.00042255	0.14	ACAUAGA
hsa-miR-155-5p	MIMAT0000646	1.48	0.00045855	0.14	UAAUGCU
hsa-miR-218-5p	MIMAT0000275	-2.2	0.00050303	0.15	UGUGCUU
hsa-miR-137	MIMAT0000429	-2.06	0.00061167	0.15	UAUUGCU
hsa-miR-186-5p	MIMAT0000456	1.36	0.00061445	0.15	AAAGAAU
hsa-miR-92a-3p	MIMAT0000092	1.57	0.00051601	0.15	AUUGCAC
hsa-let-7b-5p	MIMAT0000063	1.66	0.00061389	0.15	GAGGUAG
hsa-miR-28-5p	MIMAT0000085	1.52	0.00066894	0.16	AGGAGCU
hsa-miR-592	MIMAT0003260	-1.86	0.00083762	0.17	UGUGUCA
hsa-miR-124-3p	MIMAT0000422	-1.78	0.00076596	0.17	AAGGCAC
hsa-miR-454-3p	MIMAT0003885	1.43	0.00079442	0.17	AGUGCAA
hsa-miR-574-3p	MIMAT0003239	2.06	0.00083185	0.17	ACGCUCA
hsa-miR-656-3p	MIMAT0003332	-1.97	0.00110707	0.19	AUAUUAU
hsa-miR-551b-3p	MIMAT0003233	-1.93	0.00099793	0.19	CGACCCA
hsa-miR-575	MIMAT0003240	1.45	0.00107833	0.19	AGCCAGU
hsa-miR-590-5p	MIMAT0003258	1.55	0.00095376	0.19	AGCUUUAU
hsa-miR-23b-3p	MIMAT0000418	1.56	0.00103623	0.19	UCACAUU
hsa-miR-28-3p	MIMAT0004502	1.43	0.00139775	0.23	ACUAGAU
hsa-miR-148a-3p	MIMAT0000243	-2.39	0.00196162	0.31	CAGUGCA
hsa-miR-154-5p	MIMAT0000452	-1.47	0.0024279	0.38	AGGUUUAU
hsa-miR-1290	MIMAT0005880	1.53	0.00282087	0.43	GGAUUUU
hsa-miR-423-5p	MIMAT0004748	1.51	0.00310837	0.46	GAGGGGC
hsa-miR-495-3p	MIMAT0002817	-1.59	0.00334542	0.48	AACAAAC
hsa-miR-140-3p	MIMAT0004597	1.37	0.00350199	0.49	CCACAGG
hsa-miR-598-3p	MIMAT0003266	-1.97	0.00370701	0.5	ACGUCAU
hsa-miR-151a-5p	MIMAT0004697	1.44	0.0036409	0.5	CGAGGAG

hsa-miR-106a-5p	MIMAT0000103	1.49	0.00410738	0.52	AAAGUGC
hsa-miR-330-3p	MIMAT0000751	1.8	0.00416022	0.52	CAAAGCA
hsa-miR-577	MIMAT0003242	2.07	0.0039806	0.52	AGAUAAA
hsa-miR-423-3p	MIMAT0001340	1.44	0.00446397	0.55	GCUCGGU
hsa-miR-29c-3p	MIMAT0000681	-1.52	0.00480312	0.56	AGCACCA
hsa-miR-411-5p	MIMAT0003329	-1.42	0.00470038	0.56	AGUAGAC
hsa-miR-548n	MIMAT0005916	1.62	0.00469486	0.56	AAAAGUA
hsa-miR-574-5p	MIMAT0004795	1.3	0.00566791	0.63	GAGUGUG
hsa-miR-1297	MIMAT0005886	1.52	0.00551069	0.63	UCAAGUA
hsa-miR-15a-5p	MIMAT0000068	1.43	0.00584162	0.64	AGCAGCA
hsa-miR-642a-5p	MIMAT0003312	1.68	0.00615486	0.66	UCCUCU
hsa-miR-193a-5p+	MIMAT0004614	1.6	0.00634421	0.67	GGGUCUU
hsa-miR-10a-5p	MIMAT0000253	1.26	0.00745056	0.77	ACCCUGU
hsa-miR-192-5p	MIMAT0000222	1.24	0.0082612	0.84	UGACCUA
hsa-miR-1185-5p	MIMAT0005798	-1.36	0.00927466	0.93	GAGGAUA
hsa-let-7i-5p	MIMAT0000415	1.32	0.00949164	0.94	GAGGUAG