

Table SIV. Association information between lncRNA and mRNA in the ceRNA network.A494.

miRNA	mRNA	lncRNA	cor	P-value
hsa-mir-141	MACC1	ADAMTS9-AS2	0,931	3.090×10^{-56}
hsa-mir-200a	MACC1	ADAMTS9-AS2	0,931	3.090×10^{-56}
hsa-mir-204	THRB	ADAMTS9-AS2	0,923	3.160×10^{-53}
hsa-mir-195	ITGA2	LINC00284	0,905	5.930×10^{-48}
hsa-mir-497	ITGA2	LINC00284	0,905	5.930×10^{-48}
hsa-mir-195	MAFK	C15orf56	0,903	3.310×10^{-47}
hsa-mir-141	MACC1	NEAT1	0,892	1.740×10^{-44}
hsa-mir-200a	MACC1	NEAT1	0,892	1.740×10^{-44}
hsa-mir-195	CPEB2	C15orf56	0,890	5.070×10^{-44}
hsa-mir-195	CPEB2	NEAT1	0,885	5.960×10^{-43}
hsa-mir-93	PRRG1	ADAMTS9-AS2	0,884	7.420×10^{-43}
hsa-mir-195	MAFK	EGOT	0,874	1.010×10^{-40}
hsa-mir-96	PRDM16	ADAMTS9-AS2	0,870	6.500×10^{-40}
hsa-mir-141	USP53	NEAT1	0,866	3.770×10^{-39}
hsa-mir-200a	USP53	NEAT1	0,866	3.770×10^{-39}
hsa-mir-93	ZBTB4	ADAMTS9-AS2	0,861	2.850×10^{-38}
hsa-mir-454	ZBTB4	ADAMTS9-AS2	0,861	2.850×10^{-38}
hsa-mir-93	PRRG1	NEAT1	0,855	3.510×10^{-37}
hsa-mir-195	MAFK	NEAT1	0,855	3.610×10^{-37}
hsa-mir-122	GALNT3	C15orf56	0,854	5.090×10^{-37}
hsa-mir-195	CPEB2	EGOT	0,853	8.000×10^{-37}
hsa-mir-195	B4GALT1	C15orf56	0,853	8.170×10^{-37}
hsa-mir-195	CPEB2	LNK1-AS1	0,852	1.220×10^{-36}
hsa-mir-141	USP53	ADAMTS9-AS2	0,852	1.320×10^{-36}
hsa-mir-200a	USP53	ADAMTS9-AS2	0,852	1.320×10^{-36}
hsa-mir-204	ARHGAP29	ADAMTS9-AS2	0,851	1.690×10^{-36}
hsa-mir-429	PRRG4	NEAT1	0,848	4.610×10^{-36}
hsa-mir-93	KLF9	ADAMTS9-AS2	0,847	7.080×10^{-36}
hsa-mir-93	STAT3	ADAMTS9-AS2	0,845	1.550×10^{-35}
hsa-mir-195	CPEB3	C15orf56	0,845	1.940×10^{-35}
hsa-mir-497	CPEB3	C15orf56	0,845	1.940×10^{-35}
hsa-mir-21	RASGRP1	EGOT	0,841	6.890×10^{-35}
hsa-mir-195	GABARAPL1	C15orf56	0,841	7.650×10^{-35}
hsa-mir-497	GABARAPL1	C15orf56	0,841	7.650×10^{-35}
hsa-mir-141	MACC1	EGOT	0,838	1.750×10^{-34}
hsa-mir-200a	MACC1	EGOT	0,838	1.750×10^{-34}
hsa-mir-93	KLF9	NEAT1	0,836	3.630×10^{-34}
hsa-mir-204	ARHGAP29	NEAT1	0,833	1.070×10^{-33}
hsa-mir-195	CRIM1	EGOT	0,833	1.270×10^{-33}
hsa-mir-497	CRIM1	EGOT	0,833	1.270×10^{-33}
hsa-mir-195	B4GALT1	EGOT	0,832	1.430×10^{-33}
hsa-mir-93	IRF1	NEAT1	0,829	4.320×10^{-33}
hsa-mir-383	IRF1	NEAT1	0,829	4.320×10^{-33}
hsa-mir-454	IRF1	NEAT1	0,829	4.320×10^{-33}

hsa-mir-429	PRRG4	LNK1-AS1	0,828	6.430×10^{-33}
hsa-mir-195	GABARAPL1	NEAT1	0,827	8.320×10^{-33}
hsa-mir-497	GABARAPL1	NEAT1	0,827	8.320×10^{-33}
hsa-mir-93	STAT3	NEAT1	0,826	1.140×10^{-32}
hsa-mir-93	FAM102A	ADAMTS9-AS2	0,825	1.430×10^{-32}
hsa-mir-96	PRDM16	AC009061.1	0,823	3.020×10^{-32}
hsa-mir-96	PRDM16	NEAT1	0,820	6.750×10^{-32}
hsa-mir-93	FOXQ1	NEAT1	0,820	8.310×10^{-32}
hsa-mir-204	THRB	NEAT1	0,818	1.560×10^{-31}
hsa-mir-93	FAM102A	NEAT1	0,817	1.700×10^{-31}
hsa-mir-195	B3GNT2	C15orf56	0,817	2.250×10^{-31}
hsa-mir-195	ITGA2	EGOT	0,816	2.370×10^{-31}
hsa-mir-497	ITGA2	EGOT	0,816	2.370×10^{-31}
hsa-mir-195	GABARAPL1	LNK1-AS1	0,816	2.790×10^{-31}
hsa-mir-497	GABARAPL1	LNK1-AS1	0,816	2.790×10^{-31}
hsa-mir-93	IRF1	LINC00284	0,816	3.040×10^{-31}
hsa-mir-96	PRDM16	WDFY3-AS2	0,815	3.900×10^{-31}
hsa-mir-93	KLF9	LNK1-AS1	0,813	7.330×10^{-31}
hsa-mir-195	CPEB3	NEAT1	0,811	1.110×10^{-30}
hsa-mir-497	CPEB3	NEAT1	0,811	1.110×10^{-30}
hsa-mir-93	PRRG1	LINC00472	0,806	5.080×10^{-30}
hsa-mir-93	PRRG1	LNK1-AS1	0,805	6.980×10^{-30}
hsa-mir-195	CRIM1	C15orf56	0,804	7.900×10^{-30}
hsa-mir-497	CRIM1	C15orf56	0,804	7.900×10^{-30}
hsa-mir-429	PRRG4	LINC00501	0,803	1.260×10^{-29}
hsa-mir-122	GALNT3	ADAMTS9-AS2	0,802	1.530×10^{-29}
hsa-mir-195	CPEB3	LNK1-AS1	0,802	1.610×10^{-29}
hsa-mir-497	CPEB3	LNK1-AS1	0,802	1.610×10^{-29}
hsa-mir-195	CPEB3	HNF1A-AS1	0,802	1.710×10^{-29}
hsa-mir-497	CPEB3	HNF1A-AS1	0,802	1.710×10^{-29}
hsa-mir-21	STAT3	EGOT	0,801	2.280×10^{-29}
hsa-mir-195	CRIM1	LINC00284	0,800	2.480×10^{-29}
hsa-mir-497	CRIM1	LINC00284	0,800	2.480×10^{-29}
hsa-mir-195	B3GNT2	NEAT1	0,799	3.840×10^{-29}
hsa-mir-195	ITGA2	C15orf56	0,798	4.310×10^{-29}
hsa-mir-497	ITGA2	C15orf56	0,798	4.310×10^{-29}
hsa-mir-93	FOXQ1	LINC00284	0,794	1.460×10^{-28}
hsa-mir-195	CPEB3	AC009061.1	0,793	1.790×10^{-28}
hsa-mir-497	CPEB3	AC009061.1	0,793	1.790×10^{-28}
hsa-mir-122	GALNT3	NEAT1	0,792	2.680×10^{-28}
hsa-mir-195	CRIM1	NEAT1	0,791	3.030×10^{-28}
hsa-mir-497	CRIM1	NEAT1	0,791	3.030×10^{-28}
hsa-mir-93	IRF1	ADAMTS9-AS2	0,790	3.570×10^{-28}
hsa-mir-454	IRF1	ADAMTS9-AS2	0,790	3.570×10^{-28}
hsa-mir-195	MAFK	LNK1-AS1	0,790	4.260×10^{-28}

hsa-mir-141	MACC1	HNF1A-AS1	0,789	5.510×10^{-28}
hsa-mir-200a	MACC1	HNF1A-AS1	0,789	5.510×10^{-28}
hsa-mir-93	ZBTB7A	ADAMTS9-AS2	0,786	1.050×10^{-27}
hsa-mir-93	STAT3	LNK1-AS1	0,786	1.180×10^{-27}
hsa-mir-195	ITGA2	AC008781.1	0,786	1.290×10^{-27}
hsa-mir-497	ITGA2	AC008781.1	0,786	1.290×10^{-27}
hsa-mir-506	CD151	LINC00284	0,784	1.790×10^{-27}
hsa-mir-150	KLHL21	NEAT1	0,783	2.690×10^{-27}
hsa-mir-195	B4GALT1	NEAT1	0,781	4.200×10^{-27}
hsa-mir-204	THRB	LINC00501	0,780	4.700×10^{-27}
hsa-mir-195	GRAMD3	C15orf56	0,779	6.280×10^{-27}
hsa-mir-497	GRAMD3	C15orf56	0,779	6.280×10^{-27}
hsa-mir-195	GRAMD3	NEAT1	0,778	8.030×10^{-27}
hsa-mir-497	GRAMD3	NEAT1	0,778	8.030×10^{-27}
hsa-mir-195	ITGA2	NEAT1	0,775	1.780×10^{-26}
hsa-mir-497	ITGA2	NEAT1	0,775	1.780×10^{-26}
hsa-mir-195	GABARAPL1	EGOT	0,775	1.800×10^{-26}
hsa-mir-497	GABARAPL1	EGOT	0,775	1.800×10^{-26}
hsa-mir-195	CPEB2	LINC00472	0,770	5.480×10^{-26}
hsa-mir-93	IRF1	LNK1-AS1	0,769	7.890×10^{-26}
hsa-mir-141	MACC1	LINC00472	0,769	8.150×10^{-26}
hsa-mir-200a	MACC1	LINC00472	0,769	8.150×10^{-26}
hsa-mir-429	ERMP1	LINC00501	0,769	8.270×10^{-26}
hsa-mir-195	GRAMD3	EGOT	0,765	1.950×10^{-25}
hsa-mir-497	GRAMD3	EGOT	0,765	1.950×10^{-25}
hsa-mir-93	ZBTB4	NEAT1	0,764	2.230×10^{-25}
hsa-mir-454	ZBTB4	NEAT1	0,764	2.230×10^{-25}
hsa-mir-93	FOXQ1	LNK1-AS1	0,762	3.410×10^{-25}
hsa-mir-195	CPEB3	LINC00472	0,762	3.500×10^{-25}
hsa-mir-497	CPEB3	LINC00472	0,762	3.500×10^{-25}
hsa-mir-96	PRDM16	LNK1-AS1	0,761	4.640×10^{-25}
hsa-mir-93	FAM102A	LNK1-AS1	0,761	4.650×10^{-25}
hsa-mir-195	B3GNT2	EGOT	0,760	5.820×10^{-25}
hsa-mir-195	ITGA2	LNK1-AS1	0,758	8.940×10^{-25}
hsa-mir-497	ITGA2	LNK1-AS1	0,758	8.940×10^{-25}
hsa-mir-195	BTG2	NEAT1	0,758	9.270×10^{-25}
hsa-mir-150	KLHL21	C15orf56	0,757	1.190×10^{-24}
hsa-mir-195	MKX	MEG8	0,756	1.270×10^{-24}
hsa-mir-497	MKX	MEG8	0,756	1.270×10^{-24}
hsa-mir-21	CPEB3	WDFY3-AS2	0,756	1.390×10^{-24}
hsa-mir-195	CPEB2	HNF1A-AS1	0,754	2.310×10^{-24}
hsa-mir-141	USP53	EGOT	0,752	3.420×10^{-24}
hsa-mir-200a	USP53	EGOT	0,752	3.420×10^{-24}
hsa-mir-195	GABARAPL1	AC008781.1	0,752	3.510×10^{-24}
hsa-mir-497	GABARAPL1	AC008781.1	0,752	3.510×10^{-24}

hsa-mir-122	GALNT3	LNK1-AS1	0,752	3.580×10^{-24}
hsa-mir-195	CPEB3	LINC00484	0,750	5.170×10^{-24}
hsa-mir-497	CPEB3	LINC00484	0,750	5.170×10^{-24}
hsa-mir-96	SLC1A1	ADAMTS9-AS2	0,750	5.660×10^{-24}
hsa-mir-506	CD151	C15orf56	0,748	7.530×10^{-24}
hsa-mir-204	ARHGAP29	LINC00501	0,747	9.250×10^{-24}
hsa-mir-93	PRRG1	HNF1A-AS1	0,747	9.710×10^{-24}
hsa-mir-93	FOXQ1	ADAMTS9-AS2	0,747	1.010×10^{-23}
hsa-mir-195	MAFK	LINC00472	0,746	1.340×10^{-23}
hsa-mir-195	B3GNT2	HNF1A-AS1	0,744	1.890×10^{-23}
hsa-mir-204	THRB	LINC00472	0,744	1.910×10^{-23}
hsa-mir-93	ENPP5	LINC00284	0,744	1.920×10^{-23}
hsa-mir-195	CPEB2	AC008781.1	0,743	2.080×10^{-23}
hsa-mir-150	KLHL21	ADAMTS9-AS2	0,742	2.660×10^{-23}
hsa-mir-454	EDN1	AC008781.1	0,741	3.430×10^{-23}
hsa-mir-141	MACC1	LINC00484	0,740	3.850×10^{-23}
hsa-mir-200a	MACC1	LINC00484	0,740	3.850×10^{-23}
hsa-mir-383	IRF1	ZNF503-AS1	0,740	4.250×10^{-23}
hsa-mir-195	BTG2	EGOT	0,740	4.340×10^{-23}
hsa-mir-21	ELOVL7	WDFY3-AS2	0,739	4.730×10^{-23}
hsa-mir-195	CPEB2	LINC00284	0,739	5.540×10^{-23}
hsa-mir-93	ZBTB7A	NEAT1	0,738	6.450×10^{-23}
hsa-mir-150	KLHL21	AC005035.1	0,737	7.990×10^{-23}
hsa-mir-454	ZBTB4	LINC00501	0,737	8.020×10^{-23}
hsa-mir-93	ZBTB4	LNK1-AS1	0,737	8.250×10^{-23}
hsa-mir-93	ENPP5	ADAMTS9-AS2	0,737	8.540×10^{-23}
hsa-mir-454	ENPP5	ADAMTS9-AS2	0,737	8.540×10^{-23}
hsa-mir-195	RS1	NEAT1	0,735	1.150×10^{-22}
hsa-mir-497	RS1	NEAT1	0,735	1.150×10^{-22}
hsa-mir-195	B3GNT2	LNK1-AS1	0,735	1.200×10^{-22}
hsa-mir-429	ERMP1	NEAT1	0,734	1.370×10^{-22}
hsa-mir-195	B4GALT1	LINC00472	0,731	2.420×10^{-22}
hsa-mir-506	CD151	NEAT1	0,731	2.680×10^{-22}
hsa-mir-21	ELOVL7	EGOT	0,731	2.790×10^{-22}
hsa-mir-204	ARHGAP29	LINC00472	0,730	3.060×10^{-22}
hsa-mir-195	GABARAPL1	LINC00484	0,730	3.070×10^{-22}
hsa-mir-497	GABARAPL1	LINC00484	0,730	3.070×10^{-22}
hsa-mir-93	FAM102A	LINC00284	0,728	4.190×10^{-22}
hsa-mir-21	CPEB3	EGOT	0,728	4.350×10^{-22}
hsa-mir-195	CPEB3	EGOT	0,728	4.350×10^{-22}
hsa-mir-497	CPEB3	EGOT	0,728	4.350×10^{-22}
hsa-mir-195	CRIM1	LNK1-AS1	0,728	5.010×10^{-22}
hsa-mir-497	CRIM1	LNK1-AS1	0,728	5.010×10^{-22}
hsa-mir-195	GABARAPL1	HNF1A-AS1	0,727	5.570×10^{-22}
hsa-mir-497	GABARAPL1	HNF1A-AS1	0,727	5.570×10^{-22}

hsa-mir-195	GRAMD3	LN1-AS1	0,726	7.120×10^{-22}
hsa-mir-497	GRAMD3	LN1-AS1	0,726	7.120×10^{-22}
hsa-mir-132	HBEGF	NEAT1	0,725	7.760×10^{-22}
hsa-mir-93	KLF9	LINC00472	0,724	9.860×10^{-22}
hsa-mir-141	USP53	AC008676.1	0,722	1.480×10^{-21}
hsa-mir-200a	USP53	AC008676.1	0,722	1.480×10^{-21}
hsa-mir-93	FAM102A	LINC00472	0,718	2.970×10^{-21}
hsa-mir-93	ZBTB4	HNF1A-AS1	0,718	3.150×10^{-21}
hsa-mir-122	GALNT3	HNF1A-AS1	0,718	3.310×10^{-21}
hsa-mir-195	GABARAPL1	LINC00472	0,716	4.430×10^{-21}
hsa-mir-497	GABARAPL1	LINC00472	0,716	4.430×10^{-21}
hsa-mir-93	STAT3	LINC00284	0,715	5.570×10^{-21}
hsa-mir-195	B3GNT2	LINC00472	0,714	5.790×10^{-21}
hsa-mir-195	MAFK	AC008781.1	0,713	7.050×10^{-21}
hsa-mir-141	MACC1	WDFY3-AS2	0,712	8.840×10^{-21}
hsa-mir-200a	MACC1	WDFY3-AS2	0,712	8.840×10^{-21}
hsa-mir-195	GABARAPL1	AC009061.1	0,711	1.170×10^{-20}
hsa-mir-497	GABARAPL1	AC009061.1	0,711	1.170×10^{-20}
hsa-mir-195	MAFK	HNF1A-AS1	0,711	1.190×10^{-20}
hsa-mir-93	PRRG1	AC009061.1	0,709	1.590×10^{-20}
hsa-mir-141	USP53	HNF1A-AS1	0,709	1.680×10^{-20}
hsa-mir-200a	USP53	HNF1A-AS1	0,709	1.680×10^{-20}
hsa-mir-195	BTG2	C15orf56	0,706	2.500×10^{-20}
hsa-mir-93	POLQ	C2orf48	0,706	2.760×10^{-20}
hsa-mir-93	ENPP5	NEAT1	0,705	3.100×10^{-20}
hsa-mir-454	ENPP5	NEAT1	0,705	3.100×10^{-20}
hsa-mir-195	CRIM1	HNF1A-AS1	0,704	3.680×10^{-20}
hsa-mir-497	CRIM1	HNF1A-AS1	0,704	3.680×10^{-20}
hsa-mir-150	KLHL21	LINC00501	0,703	4.210×10^{-20}
hsa-mir-454	EDN1	NEAT1	0,703	4.290×10^{-20}
hsa-mir-93	KLF9	HNF1A-AS1	0,700	6.890×10^{-20}
hsa-mir-454	IRF1	LINC00501	0,700	8.070×10^{-20}
hsa-mir-195	CPEB2	LINC00484	0,698	1.040×10^{-19}
hsa-mir-383	IRF1	AC008781.1	0,695	1.610×10^{-19}
hsa-mir-454	IRF1	AC008781.1	0,695	1.610×10^{-19}
hsa-mir-192	ITGAV	LINC00284	0,695	1.660×10^{-19}
hsa-mir-132	HBEGF	ADAMTS9-AS2	0,695	1.880×10^{-19}
hsa-mir-195	B4GALT1	LN1-AS1	0,694	1.940×10^{-19}
hsa-mir-195	MAFK	LINC00284	0,694	2.020×10^{-19}
hsa-mir-141	MACC1	AC008676.1	0,694	2.200×10^{-19}
hsa-mir-200a	MACC1	AC008676.1	0,694	2.200×10^{-19}
hsa-mir-195	CRIM1	LINC00472	0,690	4.300×10^{-19}
hsa-mir-497	CRIM1	LINC00472	0,690	4.300×10^{-19}
hsa-mir-93	ZBTB7A	LN1-AS1	0,687	6.760×10^{-19}
hsa-mir-506	CD151	ZNF503-AS1	0,686	7.330×10^{-19}

hsa-mir-429	ERMP1	LNK1-AS1	0,685	8.490×10^{-19}
hsa-mir-93	PARD6B	LINC00472	0,683	1.210×10^{-18}
hsa-mir-141	MACC1	LINC00284	0,682	1.520×10^{-18}
hsa-mir-200a	MACC1	LINC00284	0,682	1.520×10^{-18}
hsa-mir-141	USP53	LINC00484	0,680	2.010×10^{-18}
hsa-mir-200a	USP53	LINC00484	0,680	2.010×10^{-18}
hsa-mir-93	PRRG1	LINC00284	0,680	2.020×10^{-18}
hsa-mir-93	PARD6B	ADAMTS9-AS2	0,680	2.140×10^{-18}
hsa-mir-195	CPEB2	AC009061.1	0,679	2.280×10^{-18}
hsa-mir-195	B4GALT1	AC008781.1	0,678	2.950×10^{-18}
hsa-mir-195	B4GALT1	AC009061.1	0,677	3.210×10^{-18}
hsa-mir-93	ZBTB4	AC009061.1	0,676	3.820×10^{-18}
hsa-mir-454	ZBTB4	AC009061.1	0,676	3.820×10^{-18}
hsa-mir-195	CRIM1	AC008781.1	0,673	6.410×10^{-18}
hsa-mir-497	CRIM1	AC008781.1	0,673	6.410×10^{-18}
hsa-mir-93	ZBTB7A	LINC00484	0,672	7.510×10^{-18}
hsa-mir-195	CRIM1	CMAHP	0,669	1.170×10^{-17}
hsa-mir-497	CRIM1	CMAHP	0,669	1.170×10^{-17}
hsa-mir-429	PARD6B	NEAT1	0,668	1.210×10^{-17}
hsa-mir-93	PARD6B	NEAT1	0,668	1.210×10^{-17}
hsa-mir-93	ZBTB7A	HNF1A-AS1	0,668	1.250×10^{-17}
hsa-mir-195	CLSPN	C2orf48	0,668	1.260×10^{-17}
hsa-mir-497	CLSPN	C2orf48	0,668	1.260×10^{-17}
hsa-mir-195	MAFK	AC009061.1	0,668	1.300×10^{-17}
hsa-mir-93	SYBU	ADAMTS9-AS2	0,666	1.790×10^{-17}
hsa-mir-195	B3GNT2	AC009061.1	0,665	2.070×10^{-17}
hsa-mir-195	GABARAPL1	LINC00284	0,665	2.080×10^{-17}
hsa-mir-497	GABARAPL1	LINC00284	0,665	2.080×10^{-17}
hsa-mir-454	IRF1	AC005035.1	0,665	2.180×10^{-17}
hsa-mir-195	ITGA2	HNF1A-AS1	0,664	2.460×10^{-17}
hsa-mir-497	ITGA2	HNF1A-AS1	0,664	2.460×10^{-17}
hsa-mir-93	ITGB8	ADAMTS9-AS2	0,663	2.730×10^{-17}
hsa-mir-195	BTG2	LNK1-AS1	0,663	2.850×10^{-17}
hsa-mir-93	ZBTB4	LINC00472	0,662	3.240×10^{-17}
hsa-mir-93	SYBU	NEAT1	0,662	3.340×10^{-17}
hsa-mir-93	ENPP5	LNK1-AS1	0,661	3.700×10^{-17}
hsa-mir-141	USP53	LINC00472	0,661	3.840×10^{-17}
hsa-mir-200a	USP53	LINC00472	0,661	3.840×10^{-17}
hsa-mir-195	B4GALT1	HNF1A-AS1	0,660	4.170×10^{-17}
hsa-mir-195	B4GALT1	LINC00284	0,659	5.270×10^{-17}
hsa-mir-93	NACC2	ADAMTS9-AS2	0,658	5.610×10^{-17}
hsa-mir-429	TPD52L1	NEAT1	0,658	5.610×10^{-17}
hsa-mir-93	FAM102A	AC009061.1	0,656	7.140×10^{-17}
hsa-mir-93	ZBTB7A	AC008676.1	0,656	7.840×10^{-17}
hsa-mir-96	SLC1A1	LNK1-AS1	0,656	8.030×10^{-17}

hsa-mir-141	USP53	LINC00284	0,654	1.020×10^{-16}
hsa-mir-200a	USP53	LINC00284	0,654	1.020×10^{-16}
hsa-mir-93	KLF9	LINC00484	0,654	1.030×10^{-16}
hsa-mir-93	ZBTB4	LINC00484	0,654	1.050×10^{-16}
hsa-mir-132	HBEGF	AC009061.1	0,654	1.090×10^{-16}
hsa-mir-195	RS1	LINC00484	0,653	1.130×10^{-16}
hsa-mir-497	RS1	LINC00484	0,653	1.130×10^{-16}
hsa-mir-93	FAM102A	HNF1A-AS1	0,653	1.140×10^{-16}
hsa-mir-195	GRAMD3	HNF1A-AS1	0,652	1.440×10^{-16}
hsa-mir-497	GRAMD3	HNF1A-AS1	0,652	1.440×10^{-16}
hsa-mir-93	DUSP2	NEAT1	0,650	1.700×10^{-16}
hsa-mir-122	DUSP2	NEAT1	0,650	1.700×10^{-16}
hsa-mir-93	FOXQ1	LINC00472	0,650	1.730×10^{-16}
hsa-mir-93	GINS4	C2orf48	0,650	1.850×10^{-16}
hsa-mir-93	ITGB8	HNF1A-AS1	0,649	1.930×10^{-16}
hsa-mir-132	PTGS2	NEAT1	0,647	2.570×10^{-16}
hsa-mir-182	THBS1	NEAT1	0,647	2.740×10^{-16}
hsa-mir-454	EDN1	ADAMTS9-AS2	0,646	3.270×10^{-16}
hsa-mir-429	TPD52L1	LINC00501	0,645	3.500×10^{-16}
hsa-mir-93	EGR2	ITPK1-AS1	0,645	3.810×10^{-16}
hsa-mir-150	EGR2	ITPK1-AS1	0,645	3.810×10^{-16}
hsa-mir-93	PARD6B	HNF1A-AS1	0,644	3.880×10^{-16}
hsa-mir-93	PRRG1	LINC00484	0,644	4.190×10^{-16}
hsa-mir-195	MKX	MEG3	0,643	4.950×10^{-16}
hsa-mir-497	MKX	MEG3	0,643	4.950×10^{-16}
hsa-mir-93	STAT3	LINC00472	0,641	6.190×10^{-16}
hsa-mir-204	THRB	AC005035.1	0,639	7.990×10^{-16}
hsa-mir-122	GALNT3	AC008781.1	0,638	9.290×10^{-16}
hsa-mir-195	ITGA2	LINC00472	0,637	1.030×10^{-15}
hsa-mir-497	ITGA2	LINC00472	0,637	1.030×10^{-15}
hsa-mir-93	EGR2	NEAT1	0,636	1.230×10^{-15}
hsa-mir-150	EGR2	NEAT1	0,636	1.230×10^{-15}
hsa-mir-195	MAFK	LINC00484	0,634	1.570×10^{-15}
hsa-mir-429	PRRG4	WDFY3-AS2	0,634	1.660×10^{-15}
hsa-mir-454	ENPP5	AC008781.1	0,634	1.710×10^{-15}
hsa-mir-93	STAT3	HNF1A-AS1	0,633	1.740×10^{-15}
hsa-mir-122	GALNT3	ZNF503-AS1	0,633	1.800×10^{-15}
hsa-mir-195	CPEB2	CMAHP	0,633	1.940×10^{-15}
hsa-mir-93	SAMD12	ADAMTS9-AS2	0,632	2.170×10^{-15}
hsa-mir-192	ITGAV	CMAHP	0,631	2.360×10^{-15}
hsa-mir-93	KLF9	AC008676.1	0,631	2.440×10^{-15}
hsa-mir-93	SYBU	LNK1-AS1	0,630	2.890×10^{-15}
hsa-mir-132	HBEGF	ITPK1-AS1	0,627	4.200×10^{-15}
hsa-mir-204	SLC22A6	ADAMTS9-AS2	0,626	4.570×10^{-15}
hsa-mir-204	ARHGAP29	AC005035.1	0,625	5.210×10^{-15}

hsa-mir-454	ENPP5	LINC00501	0,625	5.420×10^{-15}
hsa-mir-21	STAT3	WDFY3-AS2	0,624	5.870×10^{-15}
hsa-mir-93	ZBTB4	AC008676.1	0,623	6.920×10^{-15}
hsa-mir-454	ZBTB4	AC008676.1	0,623	6.920×10^{-15}
hsa-mir-96	SLC1A1	NEAT1	0,622	7.610×10^{-15}
hsa-mir-122	GALNT3	AC009061.1	0,621	8.260×10^{-15}
hsa-mir-506	CD151	LINC00501	0,621	8.940×10^{-15}
hsa-mir-93	SYBU	PCAT1	0,620	1.010×10^{-14}
hsa-mir-93	KLF9	AC009061.1	0,619	1.050×10^{-14}
hsa-mir-429	PARD6B	LINC00501	0,618	1.220×10^{-14}
hsa-mir-195	B3GNT2	LINC00484	0,618	1.240×10^{-14}
hsa-mir-195	CPEB3	PCAT1	0,618	1.280×10^{-14}
hsa-mir-497	CPEB3	PCAT1	0,618	1.280×10^{-14}
hsa-mir-195	RS1	C15orf56	0,617	1.510×10^{-14}
hsa-mir-497	RS1	C15orf56	0,617	1.510×10^{-14}
hsa-mir-93	ENPP5	LINC00472	0,616	1.630×10^{-14}
hsa-mir-93	STAT3	LINC00484	0,615	1.890×10^{-14}
hsa-mir-93	SAMD12	LINC00472	0,614	2.000×10^{-14}
hsa-mir-132	HBEGF	AC005035.1	0,614	2.170×10^{-14}
hsa-mir-93	SYBU	AC008676.1	0,613	2.430×10^{-14}
hsa-mir-93	SYBU	LINC00484	0,613	2.440×10^{-14}
hsa-mir-429	TPD52L1	LNK1-AS1	0,612	2.540×10^{-14}
hsa-mir-93	ITGB8	LINC00472	0,612	2.570×10^{-14}
hsa-mir-195	GRAMD3	CMAHP	0,610	3.550×10^{-14}
hsa-mir-497	GRAMD3	CMAHP	0,610	3.550×10^{-14}
hsa-mir-195	WNT7A	LINC00284	0,610	3.550×10^{-14}
hsa-mir-497	WNT7A	LINC00284	0,610	3.550×10^{-14}
hsa-mir-141	USP53	WDFY3-AS2	0,608	4.180×10^{-14}
hsa-mir-200a	USP53	WDFY3-AS2	0,608	4.180×10^{-14}
hsa-mir-150	EGR2	AC005035.1	0,607	5.200×10^{-14}
hsa-mir-195	GRAMD3	LINC00472	0,606	5.750×10^{-14}
hsa-mir-497	GRAMD3	LINC00472	0,606	5.750×10^{-14}
hsa-mir-122	GALNT3	LINC00484	0,603	7.750×10^{-14}
hsa-mir-195	RS1	LNK1-AS1	0,602	8.460×10^{-14}
hsa-mir-497	RS1	LNK1-AS1	0,602	8.460×10^{-14}
hsa-mir-195	RS1	PCAT1	0,601	9.890×10^{-14}
hsa-mir-497	RS1	PCAT1	0,601	9.890×10^{-14}
hsa-mir-195	MAFK	CMAHP	0,601	1.020×10^{-13}
hsa-mir-195	MAFK	PCAT1	0,596	1.820×10^{-13}
hsa-mir-429	ERMP1	AC005035.1	0,595	1.940×10^{-13}
hsa-mir-195	GABARAPL1	PWRN1	0,595	1.980×10^{-13}
hsa-mir-497	GABARAPL1	PWRN1	0,595	1.980×10^{-13}
hsa-mir-195	BTG2	LINC00472	0,595	2.120×10^{-13}
hsa-mir-192	GRHL1	ZNF503-AS1	0,594	2.390×10^{-13}
hsa-mir-93	SAMD12	LNK1-AS1	0,594	2.410×10^{-13}

hsa-mir-150	KLHL21	AC009061.1	0,593	2.450×10^{-13}
hsa-mir-195	TMEM100	LINC00475	0,593	2.470×10^{-13}
hsa-mir-497	TMEM100	LINC00475	0,593	2.470×10^{-13}
hsa-mir-93	STAT3	AC009061.1	0,593	2.520×10^{-13}
hsa-mir-506	CD151	LINC00472	0,592	2.710×10^{-13}
hsa-mir-506	CD151	CMAHP	0,592	2.750×10^{-13}
hsa-mir-195	ITGA2	CMAHP	0,592	2.810×10^{-13}
hsa-mir-497	ITGA2	CMAHP	0,592	2.810×10^{-13}
hsa-mir-195	GRAMD3	LINC00484	0,591	3.090×10^{-13}
hsa-mir-497	GRAMD3	LINC00484	0,591	3.090×10^{-13}
hsa-mir-192	ITGAV	ZNF503-AS1	0,591	3.130×10^{-13}
hsa-mir-195	OSBPL3	PCAT1	0,590	3.430×10^{-13}
hsa-mir-497	OSBPL3	PCAT1	0,590	3.430×10^{-13}
hsa-mir-192	ITGAV	AC008781.1	0,590	3.610×10^{-13}
hsa-mir-93	SYBU	HNF1A-AS1	0,590	3.770×10^{-13}
hsa-mir-182	THBS1	CMAHP	0,589	3.950×10^{-13}
hsa-mir-195	RS1	HNF1A-AS1	0,588	4.540×10^{-13}
hsa-mir-497	RS1	HNF1A-AS1	0,588	4.540×10^{-13}
hsa-mir-195	CRIM1	AC009061.1	0,588	4.680×10^{-13}
hsa-mir-497	CRIM1	AC009061.1	0,588	4.680×10^{-13}
hsa-mir-93	IRF1	LINC00472	0,588	4.760×10^{-13}
hsa-mir-383	IRF1	LINC00472	0,588	4.760×10^{-13}
hsa-mir-93	SAMD12	AC009061.1	0,586	5.510×10^{-13}
hsa-mir-93	ENPP5	HNF1A-AS1	0,586	5.750×10^{-13}
hsa-mir-93	ITGB8	NEAT1	0,586	5.790×10^{-13}
hsa-mir-93	NACC2	HNF1A-AS1	0,585	6.570×10^{-13}
hsa-mir-93	PRRG1	AC008676.1	0,584	6.920×10^{-13}
hsa-mir-195	B4GALT1	LINC00484	0,584	7.170×10^{-13}
hsa-mir-141	MACC1	ITPK1-AS1	0,584	7.360×10^{-13}
hsa-mir-200a	MACC1	ITPK1-AS1	0,584	7.360×10^{-13}
hsa-mir-195	GRAMD3	AC009061.1	0,584	7.430×10^{-13}
hsa-mir-497	GRAMD3	AC009061.1	0,584	7.430×10^{-13}
hsa-mir-150	KLHL21	ITPK1-AS1	0,583	7.610×10^{-13}
hsa-mir-93	KLF9	ITPK1-AS1	0,583	7.800×10^{-13}
hsa-mir-182	FGF9	LNK1-AS1	0,582	8.850×10^{-13}
hsa-mir-21	SKP2	DLEU2	0,581	9.770×10^{-13}
hsa-mir-195	GRAMD3	LINC00284	0,581	1.010×10^{-12}
hsa-mir-497	GRAMD3	LINC00284	0,581	1.010×10^{-12}
hsa-mir-93	KLF9	PCAT1	0,580	1.050×10^{-12}
hsa-mir-93	ZBTB7A	AC009061.1	0,580	1.070×10^{-12}
hsa-mir-93	ZBTB7A	PCAT1	0,579	1.220×10^{-12}
hsa-mir-195	CPEB3	CECR3	0,578	1.360×10^{-12}
hsa-mir-497	CPEB3	CECR3	0,578	1.360×10^{-12}
hsa-mir-21	SKP2	MEG3	0,578	1.410×10^{-12}
hsa-mir-429	ERMP1	WDFY3-AS2	0,578	1.420×10^{-12}

hsa-mir-182	FGF9	ADAMTS9-AS2	0,577	1.480×10^{-12}
hsa-mir-93	SAMD12	NEAT1	0,577	1.520×10^{-12}
hsa-mir-132	HBEGF	HNF1A-AS1	0,576	1.640×10^{-12}
hsa-mir-141	USP53	CMAHP	0,576	1.660×10^{-12}
hsa-mir-200a	USP53	CMAHP	0,576	1.660×10^{-12}
hsa-mir-96	PRDM16	ZNF503-AS1	0,574	2.080×10^{-12}
hsa-mir-429	PARD6B	AC005035.1	0,574	2.100×10^{-12}
hsa-mir-93	ANKRD33B	ADAMTS9-AS2	0,574	2.140×10^{-12}
hsa-mir-93	NACC2	LNK1-AS1	0,574	2.170×10^{-12}
hsa-mir-93	ZBTB4	LINC00284	0,572	2.490×10^{-12}
hsa-mir-204	ARHGAP29	LINC00343	0,572	2.520×10^{-12}
hsa-mir-454	EDN1	LINC00501	0,572	2.520×10^{-12}
hsa-mir-93	STAT3	AC008676.1	0,572	2.570×10^{-12}
hsa-mir-93	DUSP2	ITPK1-AS1	0,571	2.970×10^{-12}
hsa-mir-96	SLC1A1	CMAHP	0,570	3.120×10^{-12}
hsa-mir-93	NACC2	NEAT1	0,569	3.530×10^{-12}
hsa-mir-122	GALNT3	AC008676.1	0,568	4.150×10^{-12}
hsa-mir-93	STAT3	PCAT1	0,567	4.320×10^{-12}
hsa-mir-93	E2F1	C2orf48	0,567	4.330×10^{-12}
hsa-mir-182	THBS1	ADAMTS9-AS2	0,566	4.820×10^{-12}
hsa-mir-204	ARAP2	LINC00472	0,566	4.930×10^{-12}
hsa-mir-93	ARAP2	LINC00472	0,566	4.930×10^{-12}
hsa-mir-93	PRRG1	CECR3	0,566	5.190×10^{-12}
hsa-mir-150	EGR2	C15orf56	0,565	5.400×10^{-12}
hsa-mir-93	SAMD12	LINC00284	0,565	5.440×10^{-12}
hsa-mir-195	CPEB3	AC008781.1	0,565	5.680×10^{-12}
hsa-mir-497	CPEB3	AC008781.1	0,565	5.680×10^{-12}
hsa-mir-195	B3GNT2	PWRN1	0,565	5.730×10^{-12}
hsa-mir-150	KLHL21	AC008781.1	0,565	5.770×10^{-12}
hsa-mir-93	CHAF1A	C2orf48	0,564	6.100×10^{-12}
hsa-mir-195	B3GNT2	CMAHP	0,564	6.430×10^{-12}
hsa-mir-21	TIMP3	WDFY3-AS2	0,563	6.480×10^{-12}
hsa-mir-182	FGF9	NEAT1	0,563	6.890×10^{-12}
hsa-mir-150	KLHL21	HNF1A-AS1	0,562	7.480×10^{-12}
hsa-mir-204	IL11	NEAT1	0,562	7.670×10^{-12}
hsa-mir-93	KLF9	LINC00284	0,562	7.920×10^{-12}
hsa-mir-122	GALNT3	LINC00343	0,559	1.040×10^{-11}
hsa-mir-93	FAM102A	LINC00484	0,559	1.070×10^{-11}
hsa-mir-93	SYBU	LINC00472	0,557	1.220×10^{-11}
hsa-mir-195	CPEB2	CECR3	0,556	1.330×10^{-11}
hsa-mir-195	E2F7	C2orf48	0,556	1.390×10^{-11}
hsa-mir-497	E2F7	C2orf48	0,556	1.390×10^{-11}
hsa-mir-141	MACC1	CMAHP	0,556	1.410×10^{-11}
hsa-mir-200a	MACC1	CMAHP	0,556	1.410×10^{-11}
hsa-mir-141	STAT4	LINC00475	0,556	1.430×10^{-11}

hsa-mir-195	B3GNT2	AC008781.1	0,556	1.440×10^{-11}
hsa-mir-204	IL11	LINC00343	0,555	1.570×10^{-11}
hsa-mir-182	THBS1	C15orf56	0,554	1.640×10^{-11}
hsa-mir-192	GRHL1	LINC00284	0,554	1.760×10^{-11}
hsa-mir-93	ZBTB7A	LINC00284	0,554	1.770×10^{-11}
hsa-mir-195	ITGA2	LINC00484	0,553	1.830×10^{-11}
hsa-mir-497	ITGA2	LINC00484	0,553	1.830×10^{-11}
hsa-mir-195	B3GNT2	PCAT1	0,553	1.860×10^{-11}
hsa-mir-93	FOXQ1	HNF1A-AS1	0,552	2.100×10^{-11}
hsa-mir-204	ARAP2	ADAMTS9-AS2	0,552	2.100×10^{-11}
hsa-mir-93	ARAP2	ADAMTS9-AS2	0,552	2.100×10^{-11}
hsa-mir-195	CPEB2	PCAT1	0,552	2.150×10^{-11}
hsa-mir-454	ZBTB4	AC008781.1	0,551	2.200×10^{-11}
hsa-mir-141	H2AFZ	SNHG1	0,551	2.200×10^{-11}
hsa-mir-200a	H2AFZ	SNHG1	0,551	2.200×10^{-11}
hsa-mir-192	GRHL1	AC008781.1	0,551	2.210×10^{-11}
hsa-mir-150	KLHL21	AC008676.1	0,551	2.210×10^{-11}
hsa-mir-195	B3GNT2	LINC00284	0,551	2.260×10^{-11}
hsa-mir-93	E2F2	C2orf48	0,551	2.300×10^{-11}
hsa-mir-93	IRF1	HNF1A-AS1	0,551	2.330×10^{-11}
hsa-mir-195	CPEB3	CMAHP	0,550	2.430×10^{-11}
hsa-mir-497	CPEB3	CMAHP	0,550	2.430×10^{-11}
hsa-mir-93	FAM102A	CECR3	0,550	2.640×10^{-11}
hsa-mir-195	CRIM1	LINC00484	0,550	2.640×10^{-11}
hsa-mir-497	CRIM1	LINC00484	0,550	2.640×10^{-11}
hsa-mir-122	DUSP2	C15orf56	0,548	3.060×10^{-11}
hsa-mir-195	GABARAPL1	CECR3	0,544	4.670×10^{-11}
hsa-mir-497	GABARAPL1	CECR3	0,544	4.670×10^{-11}
hsa-mir-429	PARD6B	LNK1-AS1	0,543	5.280×10^{-11}
hsa-mir-93	PARD6B	LNK1-AS1	0,543	5.280×10^{-11}
hsa-mir-93	ATAD2	C2orf48	0,542	5.670×10^{-11}
hsa-mir-93	ZBTB4	CECR3	0,541	6.010×10^{-11}
hsa-mir-141	MACC1	AC005035.1	0,541	6.270×10^{-11}
hsa-mir-200a	MACC1	AC005035.1	0,541	6.270×10^{-11}
hsa-mir-93	DUSP2	LNK1-AS1	0,540	6.480×10^{-11}
hsa-mir-122	DUSP2	LNK1-AS1	0,540	6.480×10^{-11}
hsa-mir-93	ZBTB7A	LINC00472	0,540	6.500×10^{-11}
hsa-mir-93	ITGB8	LNK1-AS1	0,540	7.070×10^{-11}
hsa-mir-93	STAT3	CECR3	0,539	7.130×10^{-11}
hsa-mir-195	GRAMD3	AC008781.1	0,539	7.390×10^{-11}
hsa-mir-497	GRAMD3	AC008781.1	0,539	7.390×10^{-11}
hsa-mir-93	SAMD12	HNF1A-AS1	0,539	7.410×10^{-11}
hsa-mir-93	EGR2	LNK1-AS1	0,539	7.490×10^{-11}
hsa-mir-93	NACC2	LINC00284	0,539	7.590×10^{-11}
hsa-mir-195	JARID2	WT1-AS	0,535	1.050×10^{-10}

hsa-mir-497	JARID2	WT1-AS	0,535	1.050×10^{-10}
hsa-mir-506	ZWINT	DLEU2	0,535	1.120×10^{-10}
hsa-mir-96	SLC1A1	ZNF503-AS1	0,533	1.310×10^{-10}
hsa-mir-183	FAM217B	MEG8	0,532	1.410×10^{-10}
hsa-mir-195	MAFK	CECR3	0,530	1.760×10^{-10}
hsa-mir-93	PARD6B	AC009061.1	0,529	1.840×10^{-10}
hsa-mir-150	EGR2	LINC00501	0,529	2.000×10^{-10}
hsa-mir-195	OSBPL3	RMST	0,528	2.100×10^{-10}
hsa-mir-497	OSBPL3	RMST	0,528	2.100×10^{-10}
hsa-mir-93	IRF1	PCAT1	0,528	2.190×10^{-10}
hsa-mir-383	IRF1	PCAT1	0,528	2.190×10^{-10}
hsa-mir-195	PHF19	WT1-AS	0,527	2.210×10^{-10}
hsa-mir-497	PHF19	WT1-AS	0,527	2.210×10^{-10}
hsa-mir-195	B4GALT1	CECR3	0,527	2.320×10^{-10}
hsa-mir-182	FGF9	WDFY3-AS2	0,526	2.450×10^{-10}
hsa-mir-93	ANKRD33B	LINC00472	0,525	2.690×10^{-10}
hsa-mir-429	WASF3	WT1-AS	0,525	2.720×10^{-10}
hsa-mir-192	GRHL1	WDFY3-AS2	0,523	3.280×10^{-10}
hsa-mir-93	PRRG1	PCAT1	0,522	3.570×10^{-10}
hsa-mir-195	B4GALT1	CMAHP	0,522	3.670×10^{-10}
hsa-mir-192	GRHL1	AC009061.1	0,520	4.200×10^{-10}
hsa-mir-195	GABARAPL1	CMAHP	0,520	4.260×10^{-10}
hsa-mir-497	GABARAPL1	CMAHP	0,520	4.260×10^{-10}
hsa-mir-454	ENPP5	AC005035.1	0,519	4.960×10^{-10}
hsa-mir-195	CPEB2	LINC00200	0,518	5.110×10^{-10}
hsa-mir-429	PARD6B	WDFY3-AS2	0,518	5.150×10^{-10}
hsa-mir-195	CRIM1	CECR3	0,517	5.950×10^{-10}
hsa-mir-497	CRIM1	CECR3	0,517	5.950×10^{-10}
hsa-mir-195	CDC25A	C2orf48	0,516	6.440×10^{-10}
hsa-mir-497	CDC25A	C2orf48	0,516	6.440×10^{-10}
hsa-mir-506	CD151	LINC00343	0,515	6.570×10^{-10}
hsa-mir-195	GRAMD3	PCAT1	0,515	7.040×10^{-10}
hsa-mir-497	GRAMD3	PCAT1	0,515	7.040×10^{-10}
hsa-mir-195	CPEB2	PWRN1	0,515	7.060×10^{-10}
hsa-mir-195	GABARAPL1	PCAT1	0,515	7.120×10^{-10}
hsa-mir-497	GABARAPL1	PCAT1	0,515	7.120×10^{-10}
hsa-mir-93	ANKRD33B	NEAT1	0,514	7.620×10^{-10}
hsa-mir-141	USP53	ITPK1-AS1	0,514	7.780×10^{-10}
hsa-mir-200a	USP53	ITPK1-AS1	0,514	7.780×10^{-10}
hsa-mir-93	ITGB8	PCAT1	0,513	8.220×10^{-10}
hsa-mir-182	FGF9	PCAT1	0,513	8.240×10^{-10}
hsa-mir-429	TPD52L1	WDFY3-AS2	0,511	9.810×10^{-10}
hsa-mir-93	NACC2	PCAT1	0,510	1.070×10^{-9}
hsa-mir-93	ANKRD33B	PCAT1	0,508	1.220×10^{-9}
hsa-mir-195	GRAMD3	CECR3	0,508	1.240×10^{-9}

hsa-mir-497	GRAMD3	CECR3	0,508	1.240x10 ⁻⁹
hsa-mir-93	FAM102A	AC008676.1	0,508	1.280x10 ⁻⁹
hsa-mir-195	B4GALT1	LINC00200	0,508	1.320x10 ⁻⁹
hsa-mir-195	TLE4	WT1-AS	0,507	1.330x10 ⁻⁹
hsa-mir-96	SLC1A1	WDFY3-AS2	0,507	1.350x10 ⁻⁹
hsa-mir-506	ZWINT	SNHG1	0,507	1.370x10 ⁻⁹
hsa-mir-132	PTGS2	ZNF503-AS1	0,506	1.550x10 ⁻⁹
hsa-mir-93	DUSP2	C1orf132	0,505	1.610x10 ⁻⁹
hsa-mir-150	KLHL21	PWRN1	0,505	1.690x10 ⁻⁹
hsa-mir-93	FOXQ1	AC009061.1	0,505	1.690x10 ⁻⁹
hsa-mir-93	SYBU	AC009061.1	0,504	1.720x10 ⁻⁹
hsa-mir-93	SYBU	CECR3	0,504	1.730x10 ⁻⁹
hsa-mir-93	DUSP2	ADAMTS9-AS2	0,504	1.770x10 ⁻⁹
hsa-mir-122	DUSP2	ADAMTS9-AS2	0,504	1.770x10 ⁻⁹
hsa-mir-93	EGR2	LINC00472	0,504	1.770x10 ⁻⁹
hsa-mir-195	ITGA2	AC009061.1	0,504	1.860x10 ⁻⁹
hsa-mir-497	ITGA2	AC009061.1	0,504	1.860x10 ⁻⁹
hsa-mir-195	BTG2	AC009061.1	0,503	1.890x10 ⁻⁹
hsa-mir-93	NACC2	LINC00484	0,502	2.130x10 ⁻⁹
hsa-mir-93	ZBTB4	PCAT1	0,502	2.150x10 ⁻⁹
hsa-mir-195	CDCA4	SNHG1	0,502	2.150x10 ⁻⁹
hsa-mir-497	CDCA4	SNHG1	0,502	2.150x10 ⁻⁹
hsa-mir-182	THBS1	LNK1-AS1	0,500	2.430x10 ⁻⁹
hsa-mir-195	B3GNT2	CECR3	0,500	2.610x10 ⁻⁹
hsa-mir-93	PRRG1	ITPK1-AS1	0,499	2.790x10 ⁻⁹
hsa-mir-204	IL11	ADAMTS9-AS2	0,498	2.870x10 ⁻⁹
hsa-mir-93	NACC2	CECR3	0,497	3.180x10 ⁻⁹
hsa-mir-93	IRF1	LINC00484	0,497	3.260x10 ⁻⁹
hsa-mir-93	STAT3	LINC00200	0,496	3.600x10 ⁻⁹
hsa-mir-204	ARAP2	NEAT1	0,495	3.670x10 ⁻⁹
hsa-mir-93	ARAP2	NEAT1	0,495	3.670x10 ⁻⁹
hsa-mir-93	STAT3	ITPK1-AS1	0,494	4.230x10 ⁻⁹
hsa-mir-195	RS1	AC008781.1	0,493	4.470x10 ⁻⁹
hsa-mir-497	RS1	AC008781.1	0,493	4.470x10 ⁻⁹
hsa-mir-93	PRRG1	LINC00200	0,492	5.010x10 ⁻⁹
hsa-mir-93	ANKRD33B	C20orf166-AS1	0,492	5.030x10 ⁻⁹
hsa-mir-93	EGR2	ADAMTS9-AS2	0,492	5.040x10 ⁻⁹
hsa-mir-150	EGR2	ADAMTS9-AS2	0,492	5.040x10 ⁻⁹
hsa-mir-192	ITGAV	WDFY3-AS2	0,491	5.170x10 ⁻⁹
hsa-mir-195	CRIM1	PWRN1	0,490	5.770x10 ⁻⁹
hsa-mir-497	CRIM1	PWRN1	0,490	5.770x10 ⁻⁹
hsa-mir-195	RS1	AC009061.1	0,490	5.900x10 ⁻⁹
hsa-mir-497	RS1	AC009061.1	0,490	5.900x10 ⁻⁹
hsa-mir-182	FGF9	AC009061.1	0,489	6.470x10 ⁻⁹
hsa-mir-132	HBEGF	AC008676.1	0,488	6.640x10 ⁻⁹

hsa-mir-93	ITGB8	CECR3	0,488	6.850×10^{-9}
hsa-mir-122	GALNT3	PCAT1	0,488	6.870×10^{-9}
hsa-mir-21	RASGRP1	WDFY3-AS2	0,488	6.930×10^{-9}
hsa-mir-195	WNT7A	AC008781.1	0,486	8.190×10^{-9}
hsa-mir-497	WNT7A	AC008781.1	0,486	8.190×10^{-9}
hsa-mir-21	TIMP3	EGOT	0,485	8.360×10^{-9}
hsa-mir-429	DENND5B	WT1-AS	0,485	8.380×10^{-9}
hsa-mir-93	DENND5B	WT1-AS	0,485	8.380×10^{-9}
hsa-mir-122	GALNT3	CMAHP	0,485	8.400×10^{-9}
hsa-mir-195	KIF23	C2orf48	0,485	8.840×10^{-9}
hsa-mir-497	KIF23	C2orf48	0,485	8.840×10^{-9}
hsa-mir-93	KIF23	C2orf48	0,485	8.840×10^{-9}
hsa-mir-21	CPEB3	PWRN1	0,484	9.650×10^{-9}
hsa-mir-195	CPEB3	PWRN1	0,484	9.650×10^{-9}
hsa-mir-497	CPEB3	PWRN1	0,484	9.650×10^{-9}
hsa-mir-204	ARHGAP29	LINC00200	0,484	9.680×10^{-9}
hsa-mir-93	ANKRD33B	LNK1-AS1	0,483	9.830×10^{-9}
hsa-mir-93	ANKRD33B	HNF1A-AS1	0,483	1.020×10^{-8}
hsa-mir-21	STAT3	PWRN1	0,482	1.140×10^{-8}
hsa-mir-195	RS1	EGOT	0,482	1.140×10^{-8}
hsa-mir-497	RS1	EGOT	0,482	1.140×10^{-8}
hsa-mir-93	DUSP2	LINC00472	0,481	1.160×10^{-8}
hsa-mir-132	PTGS2	CMAHP	0,481	1.190×10^{-8}
hsa-mir-21	ELOVL7	PWRN1	0,481	1.220×10^{-8}
hsa-mir-93	NACC2	LINC00472	0,478	1.470×10^{-8}
hsa-mir-182	TCEAL7	SNHG1	0,478	1.540×10^{-8}
hsa-mir-182	MITF	ADAMTS9-AS2	0,478	1.550×10^{-8}
hsa-mir-182	FGF9	C15orf56	0,477	1.580×10^{-8}
hsa-mir-21	ELOVL7	GRM5-AS1	0,477	1.620×10^{-8}
hsa-mir-93	ENPP5	PCAT1	0,477	1.630×10^{-8}
hsa-mir-195	CPEB3	LINC00284	0,477	1.640×10^{-8}
hsa-mir-497	CPEB3	LINC00284	0,477	1.640×10^{-8}
hsa-mir-195	BTG2	PWRN1	0,476	1.720×10^{-8}
hsa-mir-93	FAM102A	LINC00200	0,476	1.780×10^{-8}
hsa-mir-195	ITGA2	CECR3	0,476	1.790×10^{-8}
hsa-mir-497	ITGA2	CECR3	0,476	1.790×10^{-8}
hsa-mir-96	SLC1A1	LINC00343	0,476	1.790×10^{-8}
hsa-mir-93	DENND5B	C2orf48	0,476	1.820×10^{-8}
hsa-mir-96	PRDM16	AC005035.1	0,475	1.880×10^{-8}
hsa-mir-132	PTGS2	ADAMTS9-AS2	0,475	1.960×10^{-8}
hsa-mir-93	ITGB8	LINC00484	0,473	2.200×10^{-8}
hsa-mir-93	SAMD12	LINC00484	0,473	2.230×10^{-8}
hsa-mir-93	NACC2	AC008676.1	0,473	2.260×10^{-8}
hsa-mir-141	USP53	AC005035.1	0,473	2.320×10^{-8}
hsa-mir-200a	USP53	AC005035.1	0,473	2.320×10^{-8}

hsa-mir-93	PARD6B	LINC00484	0,472	2.330×10^{-8}
hsa-mir-195	BTG2	AC008781.1	0,472	2.420×10^{-8}
hsa-mir-132	PTGS2	MEG8	0,472	2.420×10^{-8}
hsa-mir-93	ENPP5	AC009061.1	0,472	2.440×10^{-8}
hsa-mir-454	ENPP5	AC009061.1	0,472	2.440×10^{-8}
hsa-mir-195	RS1	LINC00472	0,472	2.450×10^{-8}
hsa-mir-497	RS1	LINC00472	0,472	2.450×10^{-8}
hsa-mir-195	OSBPL3	NEAT1	0,471	2.660×10^{-8}
hsa-mir-497	OSBPL3	NEAT1	0,471	2.660×10^{-8}
hsa-mir-93	GPR137C	MEG3	0,471	2.700×10^{-8}
hsa-mir-150	KLHL21	CMAHP	0,470	2.810×10^{-8}
hsa-mir-454	ZBTB4	AC005035.1	0,470	2.910×10^{-8}
hsa-mir-195	MAFK	LINC00200	0,469	2.980×10^{-8}
hsa-mir-183	KIF2A	C2orf48	0,469	3.060×10^{-8}
hsa-mir-195	CEP55	C2orf48	0,469	3.110×10^{-8}
hsa-mir-497	CEP55	C2orf48	0,469	3.110×10^{-8}
hsa-mir-93	ZBTB7A	CECR3	0,468	3.380×10^{-8}
hsa-mir-506	CD151	PWRN1	0,468	3.390×10^{-8}
hsa-mir-195	ITGA2	LINC00200	0,467	3.500×10^{-8}
hsa-mir-497	ITGA2	LINC00200	0,467	3.500×10^{-8}
hsa-mir-195	BTG2	LINC00484	0,467	3.570×10^{-8}
hsa-mir-93	PARD6B	AC008676.1	0,466	3.720×10^{-8}
hsa-mir-93	KLF9	CECR3	0,466	3.800×10^{-8}
hsa-mir-182	TCEAL7	GAS5	0,466	3.830×10^{-8}
hsa-mir-195	WNT7A	LNK1-AS1	0,465	4.220×10^{-8}
hsa-mir-497	WNT7A	LNK1-AS1	0,465	4.220×10^{-8}
hsa-mir-93	ARAP2	LINC00284	0,464	4.380×10^{-8}
hsa-mir-93	IRF1	AC008676.1	0,463	4.810×10^{-8}
hsa-mir-454	IRF1	AC008676.1	0,463	4.810×10^{-8}
hsa-mir-195	RS1	PWRN1	0,460	5.860×10^{-8}
hsa-mir-497	RS1	PWRN1	0,460	5.860×10^{-8}
hsa-mir-195	MAFK	PWRN1	0,460	5.860×10^{-8}
hsa-mir-93	ARAP2	LNK1-AS1	0,460	6.200×10^{-8}
hsa-mir-93	PARD6B	PCAT1	0,459	6.270×10^{-8}
hsa-mir-429	PRRG4	AC005035.1	0,459	6.340×10^{-8}
hsa-mir-93	ZBTB4	ITPK1-AS1	0,459	6.570×10^{-8}
hsa-mir-96	PRDM16	CMAHP	0,458	6.710×10^{-8}
hsa-mir-93	FOXQ1	LINC00484	0,457	7.410×10^{-8}
hsa-mir-93	ENPP5	LINC00484	0,456	7.770×10^{-8}
hsa-mir-122	GALNT3	PWRN1	0,456	7.840×10^{-8}
hsa-mir-506	CD151	PCAT1	0,456	8.290×10^{-8}
hsa-mir-150	EGR2	PWRN1	0,453	9.990×10^{-8}
hsa-mir-93	CHAF1A	WT1-AS	0,453	1.010×10^{-7}
hsa-mir-195	GRAMD3	PWRN1	0,453	1.030×10^{-7}
hsa-mir-497	GRAMD3	PWRN1	0,453	1.030×10^{-7}

hsa-mir-93	SAMD12	CECR3	0,453	1.040×10^{-7}
hsa-mir-93	ENPP5	LINC00200	0,452	1.040×10^{-7}
hsa-mir-195	TLE4	LINC00475	0,452	1.070×10^{-7}
hsa-mir-182	FGF9	MEG3	0,452	1.120×10^{-7}
hsa-mir-204	SLC22A6	LINC00472	0,451	1.120×10^{-7}
hsa-mir-204	THRB	LINC00343	0,451	1.140×10^{-7}
hsa-mir-182	THBS1	LINC00343	0,451	1.150×10^{-7}
hsa-mir-195	RS1	CMAHP	0,451	1.160×10^{-7}
hsa-mir-497	RS1	CMAHP	0,451	1.160×10^{-7}
hsa-mir-132	CCDC169	GAS5	0,449	1.340×10^{-7}
hsa-mir-96	SLC1A1	AC009061.1	0,447	1.560×10^{-7}
hsa-mir-195	NOTCH2	WT1-AS	0,446	1.680×10^{-7}
hsa-mir-497	NOTCH2	WT1-AS	0,446	1.680×10^{-7}
hsa-mir-93	EGR2	AC008676.1	0,445	1.830×10^{-7}
hsa-mir-150	EGR2	AC008676.1	0,445	1.830×10^{-7}
hsa-mir-454	EDN1	AC005035.1	0,445	1.840×10^{-7}
hsa-mir-93	ITGB8	AC008676.1	0,444	1.900×10^{-7}
hsa-mir-93	EGR2	LINC00484	0,444	1.940×10^{-7}
hsa-mir-195	CLSPN	WT1-AS	0,444	1.940×10^{-7}
hsa-mir-497	CLSPN	WT1-AS	0,444	1.940×10^{-7}
hsa-mir-93	FOXQ1	CECR3	0,443	2.060×10^{-7}
hsa-mir-93	TET3	C2orf48	0,443	2.110×10^{-7}
hsa-mir-195	CHEK1	SNHG1	0,442	2.160×10^{-7}
hsa-mir-497	CHEK1	SNHG1	0,442	2.160×10^{-7}
hsa-mir-497	CCND2	LINC00475	0,442	2.200×10^{-7}
hsa-mir-195	GABARAPL1	LINC00200	0,442	2.270×10^{-7}
hsa-mir-497	GABARAPL1	LINC00200	0,442	2.270×10^{-7}
hsa-mir-506	CD151	LINC00484	0,441	2.370×10^{-7}
hsa-mir-195	CRIM1	PCAT1	0,441	2.410×10^{-7}
hsa-mir-497	CRIM1	PCAT1	0,441	2.410×10^{-7}
hsa-mir-150	MYB	HOTAIR	0,439	2.650×10^{-7}
hsa-mir-195	PSAT1	SNHG1	0,439	2.770×10^{-7}
hsa-mir-497	PSAT1	SNHG1	0,439	2.770×10^{-7}
hsa-mir-195	ITGA2	PCAT1	0,438	2.910×10^{-7}
hsa-mir-497	ITGA2	PCAT1	0,438	2.910×10^{-7}
hsa-mir-141	E2F3	WT1-AS	0,437	3.040×10^{-7}
hsa-mir-195	B4GALT1	PCAT1	0,437	3.140×10^{-7}
hsa-mir-195	BTG2	HNF1A-AS1	0,436	3.460×10^{-7}
hsa-mir-195	HOXA10	KIAA0087	0,434	3.740×10^{-7}
hsa-mir-497	HOXA10	KIAA0087	0,434	3.740×10^{-7}
hsa-mir-93	FAM102A	PCAT1	0,434	3.900×10^{-7}
hsa-mir-192	GRHL1	PCAT1	0,433	4.050×10^{-7}
hsa-mir-93	ITGB8	AC009061.1	0,433	4.220×10^{-7}
hsa-mir-195	CPEB3	LINC00200	0,432	4.290×10^{-7}
hsa-mir-497	CPEB3	LINC00200	0,432	4.290×10^{-7}

hsa-mir-93	EGR2	AC009061.1	0,432	4.360×10^{-7}
hsa-mir-150	EGR2	AC009061.1	0,432	4.360×10^{-7}
hsa-mir-93	KPNA2	C2orf48	0,432	4.510×10^{-7}
hsa-mir-93	ANKRD33B	AC009061.1	0,431	4.630×10^{-7}
hsa-mir-204	IL11	LINC00501	0,430	5.040×10^{-7}
hsa-mir-506	CD151	AC008676.1	0,429	5.340×10^{-7}
hsa-mir-93	IRF1	AC009061.1	0,429	5.400×10^{-7}
hsa-mir-454	IRF1	AC009061.1	0,429	5.400×10^{-7}
hsa-mir-93	ENPP5	CECR3	0,429	5.450×10^{-7}
hsa-mir-21	MSH2	SNHG1	0,428	5.880×10^{-7}
hsa-mir-93	FOXQ1	LINC00200	0,425	6.990×10^{-7}
hsa-mir-93	ANKRD33B	CECR3	0,424	7.280×10^{-7}
hsa-mir-195	BTG2	C1orf132	0,423	8.020×10^{-7}
hsa-mir-150	KLHL21	LINC00343	0,422	8.400×10^{-7}
hsa-mir-195	PHF19	LINC00475	0,422	8.720×10^{-7}
hsa-mir-497	PHF19	LINC00475	0,422	8.720×10^{-7}
hsa-mir-150	KLHL21	CECR3	0,422	8.740×10^{-7}
hsa-mir-93	ARAP2	HNF1A-AS1	0,422	8.830×10^{-7}
hsa-mir-93	DUSP2	LINC00484	0,421	8.880×10^{-7}
hsa-mir-122	DUSP2	LINC00484	0,421	8.880×10^{-7}
hsa-mir-93	ITGB8	LINC00284	0,419	1.030×10^{-6}
hsa-mir-93	DUSP2	AC008676.1	0,419	1.080×10^{-6}
hsa-mir-122	DUSP2	AC008676.1	0,419	1.080×10^{-6}
hsa-mir-182	MITF	WDFY3-AS2	0,418	1.120×10^{-6}
hsa-mir-93	SYBU	LINC00284	0,417	1.190×10^{-6}
hsa-mir-195	B3GNT2	LINC00200	0,416	1.240×10^{-6}
hsa-mir-122	DUSP2	PWRN1	0,415	1.350×10^{-6}
hsa-mir-93	ARAP2	AC008676.1	0,415	1.350×10^{-6}
hsa-mir-195	CRIM1	LINC00200	0,414	1.480×10^{-6}
hsa-mir-497	CRIM1	LINC00200	0,414	1.480×10^{-6}
hsa-mir-132	CFTR	CMAHP	0,412	1.670×10^{-6}
hsa-mir-195	OSBPL3	C15orf56	0,411	1.750×10^{-6}
hsa-mir-497	OSBPL3	C15orf56	0,411	1.750×10^{-6}
hsa-mir-195	CHEK1	C2orf48	0,411	1.780×10^{-6}
hsa-mir-497	CHEK1	C2orf48	0,411	1.780×10^{-6}
hsa-mir-21	CPEB3	GRM5-AS1	0,410	1.910×10^{-6}
hsa-mir-132	CFTR	ADAMTS9-AS2	0,409	1.960×10^{-6}
hsa-mir-93	ITGB8	GRM5-AS1	0,409	1.970×10^{-6}
hsa-mir-195	MKX	PVT1	0,409	2.030×10^{-6}
hsa-mir-497	MKX	PVT1	0,409	2.030×10^{-6}
hsa-mir-506	CD151	CECR3	0,408	2.050×10^{-6}
hsa-mir-93	HMGB3	C2orf48	0,408	2.160×10^{-6}
hsa-mir-429	TPD52L1	AC005035.1	0,408	2.160×10^{-6}
hsa-mir-93	NACC2	AC009061.1	0,407	2.200×10^{-6}
hsa-mir-182	THBS1	ZNF503-AS1	0,407	2.260×10^{-6}

hsa-mir-454	RBM20	RMST	0,407	2.270×10^{-6}
hsa-mir-182	MITF	C15orf56	0,406	2.410×10^{-6}
hsa-mir-96	PRDM16	LINC00343	0,406	2.410×10^{-6}
hsa-mir-150	EGR2	AC008781.1	0,406	2.440×10^{-6}
hsa-mir-195	B4GALT1	PWRN1	0,406	2.460×10^{-6}
hsa-mir-93	ZBTB4	LINC00200	0,405	2.510×10^{-6}
hsa-mir-141	ELAVL2	KIAA0087	0,405	2.520×10^{-6}
hsa-mir-200a	ELAVL2	KIAA0087	0,405	2.520×10^{-6}
hsa-mir-204	ARAP2	LINC00501	0,404	2.780×10^{-6}
hsa-mir-93	DUSP2	AC009061.1	0,403	2.900×10^{-6}
hsa-mir-122	DUSP2	AC009061.1	0,403	2.900×10^{-6}
hsa-mir-93	FOXQ1	PCAT1	0,402	3.040×10^{-6}
hsa-mir-93	ARAP2	LINC00484	0,402	3.140×10^{-6}
hsa-mir-195	HSPE1-MOISNHG1		0,400	3.470×10^{-6}
hsa-mir-497	HSPE1-MOISNHG1		0,400	3.470×10^{-6}

lncRNAs, long non-coding RNA; ce, competitive endogenous; cor, correlation.