

Supplemental Table

Table S1. Target genes of miR-125a predicted by MR-microT method

No	miRNA	miRNA Sequence	Gene Ensembl ID	Gene Symbol	microT Score
1	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000133816	MICAL2	0.998
2	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000102908	NFAT5	0.992
3	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000102935	ZNF423	0.990
4	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000197372	ZNF675	0.987
5	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000149932	TMEM219	0.987
6	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG0000043143	JADE2	0.985
7	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000155506	LARP1	0.981
8	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000198963	RORB	0.979
9	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000178217	SH2D4B	0.976
10	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000166135	HIF1AN	0.976
11	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000146676	PURB	0.973
12	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000279317	AC06994.2	0.970
13	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000172943	PHF8	0.966
14	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000275034	TP53TG3E	0.966
15	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000100325	ASCC2	0.964
16	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000188211	NCR3LG1	0.962
17	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000213462	ERV3-1	0.959
18	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000163807	KIAA1143	0.957
19	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000204103	MAFB	0.955
20	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000166263	STXBP4	0.953
21	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000163249	CCNYL1	0.952
22	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000205456	TP53TG3D	0.947
23	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG0000046774	MAGEC2	0.946
24	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000091622	PITPNM3	0.945
25	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000173436	MINOS1	0.940
26	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000066427	ATXN3	0.938
27	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000132842	AP3B1	0.929
28	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000205659	LIN52	0.928
29	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000278848	TP53TG3F	0.926
30	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000188807	TMEM201	0.926
31	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000074706	IPCEF1	0.923
32	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000114861	FOXP1	0.923
33	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000112182	BACH2	0.922
34	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000183632	TP53TG3	0.922
35	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000121579	NAA50	0.919
36	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000185565	LSAMP	0.919
37	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000110900	TSPAN11	0.918
38	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000114735	HEMK1	0.915
39	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000182175	RGMA	0.914
40	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000160785	SLC25A44	0.914
41	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000134030	CTIF	0.910
42	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000149639	SOGA1	0.909
43	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000125347	IRF1	0.909
44	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000197013	ZNF429	0.909
45	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000177595	PIDD1	0.908
46	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000122133	PAEP	0.906
47	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000179532	DNHD1	0.906
48	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000173230	GOLGB1	0.906
49	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000196950	SLC39A10	0.905
50	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000205476	CCDC85C	0.905
51	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000078043	PIAS2	0.904
52	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000241644	INMT	0.904
53	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000113552	GNPDA1	0.904

54	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000185010	F8	0.904
55	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000184154	LRTOMT	0.902
56	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000177181	RIMKLA	0.902
57	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000168792	ABHD15	0.901
58	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000009954	BAZ1B	0.900
59	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000234857	BSCL2	0.900
60	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000165119	HNRNPK	0.899
61	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000188730	VWC2	0.899
62	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000156282	CLDN17	0.899
63	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000141098	GFOD2	0.898
64	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000007237	GAS7	0.898
65	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000177570	SAMD12	0.897
66	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000122884	P4HA1	0.896
67	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000124532	MRS2	0.896
68	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000008838	MED24	0.896
69	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000180901	KCTD2	0.894
70	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000188092	GPR89B	0.894
71	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000153933	DGKE	0.893
72	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000160219	GAB3	0.893
73	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000117262	GPR89A	0.893
74	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000137504	CREBZF	0.893
75	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000176225	RTTN	0.892
76	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000141837	CACNA1A	0.892
77	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000069275	NUCKS1	0.892
78	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000147044	CASK	0.892
79	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000123500	COL10A1	0.891
80	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000168447	SCNN1B	0.887
81	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000100505	TRIM9	0.886
82	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000074356	NCBP3	0.886
83	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000186642	PDE2A	0.886
84	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000068323	TFE3	0.885
85	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000100814	CCNB1IP1	0.885
86	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000149091	DGKZ	0.884
87	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000244411	KRTAP5-7	0.884
88	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000138442	WDR12	0.883
89	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000088888	MAVS	0.883
90	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000184313	MROH7	0.882
91	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000135018	UBQLN1	0.882
92	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000132481	TRIM47	0.881
93	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000126773	PCNX4	0.880
94	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000101290	CDS2	0.880
95	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000108848	LUC7L3	0.880
96	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000100580	TMED8	0.879
97	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000114867	EIF4G1	0.878
98	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000121406	ZNF549	0.878
99	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000001497	LASIL	0.878
100	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000100813	ACIN1	0.877
101	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000183753	BPY2	0.876
102	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000163866	SMIM12	0.876
103	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000196182	STK40	0.876
104	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000066933	MYO9A	0.876
105	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000196535	MYO18A	0.874
106	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000151789	ZNF385D	0.874
107	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000132510	KDM6B	0.873
108	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000167447	SMG8	0.873
109	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000265491	RNF115	0.873
110	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000183795	BPY2B	0.873

111	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000160959	LRRC14	0.872
112	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000185894	BPY2C	0.872
113	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000177084	POLE	0.872
114	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000143093	STRIP1	0.872
115	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000123066	MED13L	0.871
116	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000156675	RAB11FIP1	0.871
117	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000103855	CD276	0.870
118	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000168026	TTC21A	0.870
119	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000161298	ZNF382	0.870
120	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000073331	ALPK1	0.868
121	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000164338	UTP15	0.868
122	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000099810	MTAP	0.867
123	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000132589	FLOT2	0.867
124	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000124783	SSR1	0.866
125	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000273079	GRIN2B	0.866
126	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000129566	TEP1	0.865
127	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000261371	PECAM1	0.865
128	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000143669	LYST	0.864
129	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000148842	CNNM2	0.864
130	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000163354	DCST2	0.864
131	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000135902	CHRND	0.863
132	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000171476	HOPX	0.863
133	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000129691	ASH2L	0.863
134	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000171303	KCNK3	0.861
135	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000180592	SKIDA1	0.860
136	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000112763	BTN2A1	0.860
137	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000183196	CHST6	0.858
138	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000055609	KMT2C	0.858
139	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000132153	DHX30	0.857
140	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000173013	CCDC96	0.856
141	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000154080	CHST9	0.854
142	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000142784	WDTC1	0.854
143	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000129473	BCL2L2	0.853
144	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000104343	UBE2W	0.853
145	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000122012	SV2C	0.853
146	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000134216	CHIA	0.853
147	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000181652	ATG9B	0.853
148	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000107331	ABCA2	0.853
149	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000248487	ABHD14A	0.853
150	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000178690	DYNAP	0.852
151	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000054118	THRAP3	0.851
152	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000155858	LSM11	0.851
153	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000135476	ESPL1	0.851
154	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000214517	PPME1	0.850
155	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000205531	NAP1L4	0.849
156	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000133477	FAM83F	0.849
157	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000118922	KLF12	0.849
158	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000163632	C3orf49	0.849
159	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000139636	LMBR1L	0.849
160	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000213064	SFT2D2	0.849
161	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000079385	CEACAM1	0.848
162	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000106144	CASP2	0.847
163	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000116852	KIF21B	0.847
164	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000107147	KCNT1	0.847
165	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000174804	FZD4	0.847
166	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000214160	ALG3	0.845
167	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGUGA	ENSG00000243696	AC006254.1	0.845

168	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000180828	BHLHE22	0.844
169	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000136383	ALPK3	0.843
170	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000116396	KCNC4	0.842
171	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000182557	SPNS3	0.842
172	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000198929	NOS1AP	0.842
173	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000167106	FAM102A	0.842
174	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000135597	REPS1	0.841
175	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000103064	SLC7A6	0.840
176	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000189067	LITAF	0.840
177	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000141252	VPS53	0.840
178	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000177731	FLII	0.839
179	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000196092	PAX5	0.837
180	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000155229	MMS19	0.837
181	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000112218	GPR63	0.836
182	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000241598	KRTAP5-4	0.836
183	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000101445	PPP1R16B	0.836
184	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000185219	ZNF445	0.835
185	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000123338	NCKAP1L	0.834
186	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000179088	C12orf42	0.833
187	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000137522	RNF121	0.832
188	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000132872	SYT4	0.832
189	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000130713	EXOSC2	0.831
190	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000168267	PTF1A	0.831
191	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000135451	TROAP	0.831
192	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000057935	MTA3	0.831
193	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000152455	SUV39H2	0.830
194	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000173926	3-Mar	0.829
195	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000141452	C18orf8	0.829
196	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000128510	CPA4	0.828
197	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000106330	MOSPD3	0.828
198	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000107105	ELAVL2	0.828
199	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000129226	CD68	0.827
200	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000140543	DET1	0.826
201	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000140548	ZNF710	0.826
202	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000143126	CELSR2	0.825
203	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000143190	POU2F1	0.825
204	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000119227	PIGZ	0.825
205	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000157927	RADIL	0.824
206	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000101096	NFATC2	0.824
207	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000065135	GNAI3	0.823
208	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000256043	CTSO	0.822
209	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000072864	NDE1	0.822
210	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000244476	ERVFRD-1	0.821
211	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000204116	CHIC1	0.820
212	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000146067	FAM193B	0.819
213	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000084112	SSH1	0.819
214	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000155629	PIK3AP1	0.818
215	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000114030	KPNA1	0.818
216	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000116667	C1orf21	0.818
217	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000157954	WIPI2	0.818
218	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000077782	FGFR1	0.818
219	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000140090	SLC24A4	0.817
220	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000114491	UMPS	0.817
221	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000186187	ZNRF1	0.817
222	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000179361	ARID3B	0.817
223	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000182256	GABRG3	0.816
224	miR-125a-5p	>UCCCUGAGACCCUUUAACCUUGA	ENSG00000262304	AC027796.3	0.815

225	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000166183	ASPG	0.815
226	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000163637	PRICKLE2	0.814
227	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000156103	MMP16	0.814
228	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000175387	SMAD2	0.813
229	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000111737	RAB35	0.813
230	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000110427	KIAA1549L	0.813
231	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000106462	EZH2	0.812
232	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000092847	AGO1	0.812
233	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000049192	ADAMTS6	0.812
234	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000118946	PCDH17	0.812
235	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000101638	ST8SIA5	0.811
236	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000138380	CARF	0.811
237	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000115252	PDE1A	0.811
238	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000116299	KIAA1324	0.809
239	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000255104	AC005324.4	0.809
240	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000103168	TAF1C	0.809
241	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000175646	PRM1	0.809
242	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000163125	RPRD2	0.809
243	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000130529	TRPM4	0.807
244	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000153721	CNKSR3	0.807
245	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000134780	DAGLA	0.807
246	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000125484	GTF3C4	0.806
247	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000090539	CHRD	0.806
248	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000058335	RASGRF1	0.806
249	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000068724	TTC7A	0.806
250	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000120088	CRHR1	0.806
251	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000167992	VWCE	0.806
252	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000125952	MAX	0.805
253	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000117569	PTBP2	0.804
254	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000176490	DIRAS1	0.803
255	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000164076	CAMKV	0.803
256	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000275832	ARHGAP23	0.803
257	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000113269	RNF130	0.803
258	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000143515	ATP8B2	0.802
259	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000112234	FBXL4	0.802
260	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000137274	BPHL	0.801
261	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000116260	QSOX1	0.801
262	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000103018	CYB5B	0.801
263	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000006283	CACNA1G	0.800
264	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000143473	KCNH1	0.800
265	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000166569	CPLX4	0.800
266	miR-125a-5p	>UCCCUGAGACCCUUUAACCGUGA	ENSG00000143570	SLC39A1	0.800