

Table SI.miRDBpredicts that 28 miRNAs target ribonuclease A family member 2.

Target rank	Target score	miRNA name
1	82	hsa-miR-6858-5p
2	81	hsa-miR-3179
3	80	hsa-miR-4689
4	79	hsa-miR-4306
5	71	hsa-miR-4644
6	71	hsa-miR-185-5p
7	68	hsa-miR-320b
8	68	hsa-miR-320d
9	68	hsa-miR-320a-3p
10	68	hsa-miR-186-3p
11	68	hsa-miR-320c
12	68	hsa-miR-4429
13	67	hsa-miR-518a-5p
14	67	hsa-miR-527
15	66	hsa-miR-4765
16	65	hsa-miR-8076
17	63	hsa-miR-3934-3p
18	61	hsa-miR-3936
19	57	hsa-miR-4499
20	57	hsa-miR-1224-5p
21	55	hsa-miR-3150b-3p
22	55	hsa-miR-4784
23	53	hsa-miR-3664-3p
24	53	hsa-miR-5004-5p
25	52	hsa-miR-548aw
26	51	hsa-miR-3139
27	50	hsa-miR-512-3p
28	50	hsa-miR-548l

miR/miRNA, microRNA.

<p>RNASE2 3'</p> <p>UTRtargeted by</p> <p>hsa-miR-3139</p> <p>Position 40-46 of</p> <p>RNASE2 3'</p>	3'	GGGUCGAUCUAACAUUCGAGGAA	7mer-m8	-0.41	98	-0.41
<p>UTRtargeted by</p> <p>hsa-miR-708-5p</p> <p>Position 40-46 of</p> <p>RNASE2 3'</p>	3'	GAGUUAUCUGACACUCGAGGAA	7mer-m8	-0.41	98	-0.41
<p>UTRtargeted by</p> <p>hsa-miR-28-5p</p> <p>Position 42-49 of</p> <p>RNASE2 3'</p>	3'	CCGGGGGUGGUACAGAGGAGUU	8mer	-0.67	99	-0.67
<p>UTRtargeted by</p> <p>hsa-miR-4689</p> <p>Position 42-49 of</p> <p>RNASE2 3'</p>	3'	CAGGGACGGUCGGGGAGGAGUG	8mer	-0.65	99	-0.65
<p>UTRtargeted by</p> <p>hsa-miR-6858-5p</p> <p>Position 42-48 of</p> <p>RNASE2 3'</p>	3'	GGUUGGAGCUGCUAGAGGAGU	7mer-A1	-0.3	97	-0.3
<p>UTRtargeted by</p> <p>hsa-miR-3150b-3p</p> <p>Position 42-48 of</p> <p>RNASE2 3'</p>	3'	AGUCAGGGUCGUAGAGGAGU	7mer-A1	-0.31	97	-0.31
<p>UTRtargeted by</p> <p>hsa-miR-4784</p> <p>Position 43-49 of</p> <p>RNASE2 3'</p>	3'	UUAUUCUGGUAGAAAAGGAGUU	7mer-A1	-0.28	96	-0.28
<p>UTRtargeted by</p> <p>hsa-miR-3915</p> <p>Position 43-49 of</p> <p>RNASE2 3'</p>	3'	GGUGGAGGGCUCAGGAGUG	7mer-A1	-0.17	93	-0.17
<p>UTRtargeted by</p> <p>hsa-miR-1224-5p</p> <p>Position 60-66 of</p> <p>RNASE2 3'</p>	3'	AUACCUACGUUUUACUAGGGUU	7mer-m8	-0.46	99	-0.46
<p>UTRtargeted by</p> <p>hsa-miR-450b-3p</p> <p>Position 60-66 of</p> <p>RNASE2 3'</p>	3'	UUGGUUCUGGGGCCUCUAGGGUC	7mer-m8	-0.45	99	-0.45
<p>UTRtargeted</p> <p>byhsa-miR-769-3p</p> <p>Position 60-66 of</p> <p>RNASE2 3'</p>	3'	UCCGGCGGUGGGCGGGCGCUAGGGA	7mer-A1	-0.38	98	-0.38
<p>UTRtargeted by</p> <p>hsa-miR-638</p> <p>Position 60-66 of</p> <p>RNASE2 3'</p>	3'	AAGAGGGUGACAGACCUAGGGU	7mer-A1	-0.29	88	-0.29
<p>UTRtargeted by</p> <p>hsa-miR-4713-3p</p> <p>Position 64-70 of</p> <p>RNASE2 3'</p>	3'	GUGACGUUGGAGGUAGAGG	7mer-m8	-0.29	97	-0.29
<p>UTRtargeted by</p> <p>hsa-miR-1273f</p> <p>Position 67-74 of</p>			8mer	-0.64	99	-0.64

RNASE2 3'	3' AGUCCUUGACGGAAAGAGAGGU					
UTRtargeted by hsa-miR-185-5p Position 67-74 of RNASE2 3'			8mer	-0.65	99	-0.65
RNASE2 3'	3' GAAGACAGAGAAAAGAGAGAGGU					
UTRtargeted by hsa-miR-4644 Position 67-74 of RNASE2 3'			8mer	-0.64	99	-0.64
RNASE2 3'	3' AUGACGGAAAGAGAGGU					
UTRtargeted by hsa-miR-4306 Position 68-74 of RNASE2 3'			7mer-A1	-0.3	97	-0.3
RNASE2 3'	3' UGGUGGACCUUAGGUGAGAGGA					
UTRtargeted by hsa-miR-5192 Position 70-76 of RNASE2 3'			7mer-A1	-0.27	96	-0.27
RNASE2 3'	3' CGGUCGACUUUCAGGUGAGGUAU					
UTRtargeted by hsa-miR-6514-5p Position 70-76 of RNASE2 3'			7mer-A1	-0.28	96	-0.28
RNASE2 3'	3' UUGUACCAGAUCUUGGAGGUAU					
UTRtargeted by hsa-miR-4802-5p Position 71-78 of RNASE2 3'			8mer	-0.57	99	-0.57
RNASE2 3'	3' GUAACAUAAGUCUUUUCAGGUUAU					
UTRtargeted by hsa-miR-8076 Position 76-82 of RNASE2 3'			7mer-m8	-0.14	96	-0.14
RNASE2 3'	3' CUGUUUUGGGCGUUUAUGAAA					
UTRtargeted by hsa-miR-5481 Position 77-83 of RNASE2 3'			7mer-m8	-0.14	92	-0.14
RNASE2 3'	3' GAUUCGGAUUACGACAUGAAACA					
UTRtargeted by hsa-miR-3973 Position 79-85 of RNASE2 3'			7mer-m8	-0.22	98	-0.22
RNASE2 3'	3' GGGUUUUUUAAGUGGAAACCCG					
UTRtargeted by hsa-miR-186-3p Position 87-93 of RNASE2 3'			7mer-A1	-0.21	86	-0.21
RNASE2 3'	3' GUCUGGGCUGUAGACGGUAGUCGU					
UTRtargeted by hsa-miR-8075 Position 88-94 of RNASE2 3'			7mer-m8	-0.22	94	-0.22
RNASE2 3'	3' GACCCCGUCCUCCUCCAGUCGUAC					
UTRtargeted by hsa-miR-4728-3p Position 92-98 of RNASE2 3'			7mer-m8	-0.23	96	-0.23
RNASE2 3'	3' CUUCAGUCUCUAGACGUAGACAU					
UTRtargeted by hsa-miR-5683 Position 96-103 of RNASE2 3'			8mer	-0.63	99	-0.63
RNASE2 3'	3' AGCACUUAAACGGGACAGGAGU					
UTRtargeted by hsa-miR-5004-5p Position 97-103 of RNASE2 3'			7mer-m8	-0.35	99	-0.35
RNASE2 3'	3' GGUGGAGGGCUCAGGAGUG					
UTRtargeted by						

hsa-miR-1224-5p Position 97-103 of RNASE2 3' UTRtargeted by hsa-miR-4751	3' GGAAGAUCGUCGAUGCCCAGGAGA	7mer-A1	-0.32	95	-0.32
hsa-miR-4751 Position 101-107 of RNASE2 3' UTRtargeted by hsa-miR-4502	3' GAAGUCGUGGUAGU-AGUAGUCG	7mer-m8	-0.28	98	-0.28
hsa-miR-4502 Position 104-110 of RNASE2 3' UTRtargeted by hsa-miR-4499	3' AGGGAGGAGAGUCAGAA	7mer-m8	-0.34	98	-0.34
hsa-miR-4499 Position 105-111 of RNASE2 3' UTRtargeted by hsa-miR-873-3p	3' AGGGCCCUUGAGUAGUCAGAGG	7mer-m8	-0.32	98	-0.32
hsa-miR-873-3p Position 107-113 of RNASE2 3' UTRtargeted by hsa-miR-139-3p	3' UGAGGUUGUCCCGGCAGAGGU	7mer-A1	-0.28	97	-0.28
hsa-miR-139-3p Position 109-115 of RNASE2 3' UTRtargeted by hsa-miR-4802-5p	3' UUGUACCAGAUCUUGGAGGUAU	7mer-A1	-0.25	94	-0.25
hsa-miR-4802-5p Position 109-115 of RNASE2 3' UTRtargeted by hsa-miR-6514-5p	3' CGGUCGACUUUCAGGUGAGGUAU	7mer-A1	-0.21	93	-0.21
hsa-miR-6514-5p Position 115-121 of RNASE2 3' UTRtargeted by hsa-miR-3936	3' ACGUAGACGGUAUGUGGGGAU	7mer-m8	-0.4	98	-0.4
hsa-miR-3936 Position 116-123 of RNASE2 3' UTRtargeted by hsa-miR-3179	3' UGCAAAUUUAAAGUGGGGAAGA	8mer	-0.69	99	-0.69
hsa-miR-3179 Position 117-123 of RNASE2 3' UTRtargeted by hsa-miR-6864-5p	3' CAGUGGUAGAAGGGAAGA	7mer-m8	-0.31	97	-0.31
hsa-miR-6864-5p Position 117-123 of RNASE2 3' UTRtargeted by hsa-miR-7515	3' CAGUGGUAGAAGGGAAGA	7mer-A1	-0.28	95	-0.28
hsa-miR-7515 Position 122-128 of RNASE2 3' UTRtargeted by hsa-miR-320a	3' AGCGGGAGAGUUGGGUCGAAAA	7mer-m8	-0.22	97	-0.22
hsa-miR-320a Position 122-128 of RNASE2 3' UTRtargeted by hsa-miR-320c	3' UGGGAGAGUUGGGUCGAAAA	7mer-m8	-0.22	97	-0.22
hsa-miR-320c Position 122-128 of RNASE2 3' UTRtargeted by hsa-miR-320b	3' AACGGGAGAGUUGGGUCGAAAA	7mer-m8	-0.22	97	-0.22
hsa-miR-320b Position 122-128		7mer-m8	-0.22	97	-0.22

of RNASE2 3' UTRtargeted by hsa-miR-4429 Position 122-128	3' GCGGAGAGUCGGGUCGAAAA						
of RNASE2 3' UTRtargeted by hsa-miR-320d Position 127-133	3' AGGAGAGUUGGGUCGAAAA		7mer-m8	-0.22	97	-0.22	
of RNASE2 3' UTRtargeted by hsa-miR-873-5p. 1	3' UCCUCUGAGUGUUCAAGGACG		7mer-A1	-0.1	94	-0.1	
of RNASE2 3' UTRtargeted by hsa-miR-3664-3p Position 129-135	3' UUGAGACAGAAAUGAGGACUCU		7mer-m8	-0.25	97	-0.25	
of RNASE2 3' UTRtargeted by hsa-miR-3934-3p Position 130-136	3' AGGGUCGACACGUUGGACUCGU		7mer-m8	-0.33	97	-0.33	
of RNASE2 3' UTRtargeted by hsa-miR-6854-5p Position 132-138	3' AGUCGUCAAGAGUUUGGACUCGAA		7mer-m8	-0.17	90	-0.17	
of RNASE2 3' UTRtargeted by hsa-miR-6736-3p Position 140-146	3' GACACCCAUCUCUCCUCGACU		7mer-A1	-0.04	62	-0.04	
of RNASE2 3' UTRtargeted by hsa-miR-124-3p. 1	3' CCGUAAGUGGCGCACGGAAU		7mer-m8	-0.18	88	-0.18	
of RNASE2 3' UTRtargeted by hsa-miR-4457 Position 144-151	3' AUGCGGUCAGUUAUGGAACACU		8mer	-0.45	99	-0.45	
of RNASE2 3' UTRtargeted by hsa-miR-513b-5p Position 144-150	3' UAUUUACUGUGGAGGAACACUU		8mer	-0.39	99	-0.39	
of RNASE2 3' UTRtargeted by hsa-miR-125b-2-3p Position 150-156	3' CAGGGUUCUCGGACUGAACACU		7mer-A1	-0.08	82	-0.08	
of RNASE2 3' UTRtargeted by hsa-miR-6823-5p Position 152-158	3' UCGUUGGGGAUGGUUGGGACU		7mer-m8	-0.37	98	-0.37	
of RNASE2 3' UTRtargeted by hsa-miR-1909-3p Position 152-158	3' GCCACUCGUGGGCCGGGGACGC		7mer-A1	-0.34	96	-0.34	
of RNASE2 3' UTRtargeted by hsa-miR-6836-5p	3' UACGGACGCGGUCCCGGGACGC		7mer-A1	-0.3	95	-0.3	

Position 152-158 of RNASE2 3' UTRtargeted by hsa-miR-6722-3p	3' GGACCGGGUGGGCUGGGGACGU		7mer-A1	-0.32	95	-0.32
Position 152-158 of RNASE2 3' UTRtargeted by hsa-miR-6132	3' ACGUUAGGGGUCGGGACGA		7mer-A1	-0.28	94	-0.28
Position 153-159 of RNASE2 3' UTRtargeted by hsa-miR-6811-5p	3' UCACGACAUGUGUCCGGACGUA		7mer-A1	-0.26	94	-0.26
Position 153-159 of RNASE2 3' UTRtargeted by hsa-miR-6511b-5 p	3' ACAGUCGGGGUGAAGACGGACGUC		7mer-A1	-0.24	93	-0.24
Position 155-161 of RNASE2 3' UTRtargeted by hsa-miR-367-3p	3' AGUCUGGCUCUGUUCACGUUAC		7mer-A1	-0.19	90	-0.19
Position 155-161 of RNASE2 3' UTRtargeted by hsa-miR-25-3p	3' AGUCUGGCUCUGUUCACGUUAC		7mer-A1	-0.16	89	-0.16
Position 155-161 of RNASE2 3' UTRtargeted byhsa-miR-92a-3 p	3' UGUCCGGCCUGUUCACGUUAA		7mer-A1	-0.14	88	-0.14
Position 155-161 of RNASE2 3' UTRtargeted by hsa-miR-92b-3p	3' CCUCCGGCCUGCUCACGUUAA		7mer-A1	-0.14	88	-0.14
Position 155-161 of RNASE2 3' UTRtargeted by hsa-miR-363-3p	3' AUGUCUACCUAUGGCACGUUAA		7mer-A1	-0.17	88	-0.17
Position 155-161 of RNASE2 3' UTRtargeted by hsa-miR-32-5p	3' ACGUUGAAUCAUUACACGUUAA		7mer-A1	-0.15	87	-0.15
Position 156-162 of RNASE2 3' UTRtargeted by hsa-miR-137	3' GAUGC GCAUAAGAAUUCGUUAAU		7mer-A1	-0.2	83	-0.2
Position 157-163 of RNASE2 3' UTRtargeted byhsa-miR-325-3 p	3' AACUAUCCUCCAGGAGUUAUUU		7mer-A1	-0.15	89	-0.15
Position 165-171 of RNASE2 3' UTRtargeted by hsa-miR-330-3p	3' AGAGACGUCCGGCACACGAAACG		7mer-m8	-0.22	98	-0.22
Position 167-174 of RNASE2 3' UTRtargeted by	3' CUUUC CCGAAGGGAAACGUC		8mer	-0.57	99	-0.57

hsa-miR-527 Position 167-174 of RNASE2 3' UTRtargeted by hsa-miR-518a-5p	3'	CUUUC CGAAGGGAAACGUC	8mer	-0.57	99	-0.57
Position 168-174 of RNASE2 3' UTRtargeted by hsa-miR-548aw	3'	UUGGCACUACUG AAAACGUG	7mer-A1	-0.13	96	-0.13
Position 169-175 of RNASE2 3' UTRtargeted by hsa-miR-450b-5p	3'	AUAAGUCCUUGUAUA ACGUUUU	7mer-m8	-0.28	98	-0.28

miR, microRNA; UTR, untranslated region; RNASE2, ribonuclease A family member 2.