

miRDB predicted seed sequences of host miRNAs in SARS-CoV-2 genome (Wuhan strain)

miRNA Name	hsa-miR-210-3p	miRNA Sequence	CTGUGCGUGUGACAGCGGCUGA
Target Score	52	Seed Location	3773, 8887, 17460

3721 TATTTTGGT GCTGACCCTA TACATTCTTT AAGAGTTTGT GTAGATACTG TT**CGCACAAA**

8881 GATATT**ACGC** **ACAA**CTAATG GTGACTTTTT GCATTTCTTA CCTAGAGTTT TTAGTGCAGT

17401 GCCAGATTAC GTGCTAAGCA CTATGTGTAC ATTGGCGACC CTGCTCAATT ACCTGCACCA **CGCACAA**TTGC

miRNA Name	hsa-miR-378f	miRNA Sequence	ACUGGACUUGGAGCCAGAAG
Target Score	55	Seed Location	11047, 17534, 28508, 29106

11041 AGTTTT**AGTC** **CAGAG**TACTC AATGGTCTTT GTTCTTTTTT TTGTATGAAA ATGCCTTTTT

17521 ATGAAACTA TAG**GTCCAGA** CATGTTCCTC GGAAC TTGTC GGC GTTGTCC TGCTGAAATT

28501 CAATAG**CAGT** **CCAGA**TGACC AAATTGGCTA CTACCGAAGA GCTACCAGAC GAATTCGTGG

29101 ACGTG**GTCCA** **GA**ACAAACCC AAGGAAATTT TGGGGACCAG GAACTAATCA GACAAGGAAC

miRNA Name	hsa-miR-30d-5p	miRNA Sequence	UGUAAACAUCCCCGACUGGAAG
Previous Name	hsa-miR-30d		
Target Score	95	Seed Location	3451, 4974, 7939, 9354, 10426, 11657, 16863, 19567, 19710, 20069, 20360, 26729, 27955, 28140

3421 AAAACCAACA GTGGTTGTTA ATGCAGCCAA **TGTTTAC**CTT AAACATGGAG GAGGTGTTGC

4921 CTTTGACAAT CTTAAGACAC TTCTTTCTTT GAGAGAAGTG AGGACTATTA AGG**TGTTTAC** AACAGTAGAC

7921 ATCTGCAAAA TCAGCGTCTG **TTTACT**TACAG TCAGCTTATG TGTCAACCTA TACTGTTACT

9301 ATCTTTACCA GGAGTTTCT GTGGTGTAGA TGCTGTAAAT TTA CTACTA ATAT**TGTTTAC** ACCACTAATT

10381 ACAGACTTTT TCAGTGTTAG CTGTGTACAA TGGTTCACCA TCTGG**TGTTT** ACCAATGTGC

11641 TTACTTTGGC CTCTTT**TGTT** **TACT**CAACCG CTACTTTAGA CTGACTCTTG GTGTTTATGA

16861 GT**TGTTTAC** GAGGTACAAC AACTTACAAA TTAAATGTTG GTGATTATTT TGTGCTGACA

19561 TTGTGG**GTTT** **ACAA**ACAATT TGATACTTAT AACCTCTGGA ACAC TTTTAC AAGACTTCAG

19681 GAAGTACCAG TTTCTATCAT TAATAACACT **GTTTAC**CAA AAGTTGATGG TGTGATGTA

20041 GTTCTTATTA CAGAAGGTAG TGTAAAG**GT** **TTACA**ACCAT CTGTAGGTCC CAAACAAGCT

20341 AGTCATAGTC AGTTAGGTGG **TTTACA**TCTA CTGATTGGAC TAGCTAAACG TTTAAGGAA

26701 TAACTTTAGC TTGTTTGTG CTGTCTGCTG **TTTACA**GAAT AAATTGGATC ACCGGTGGAA

27901 TTCTTGTTTT CTTAGGAATC ATCACAAC TGCTGCATT TCACCAAGAA TGTA**GTTTAC** AGTCATGTAC

28081 ATGAGGCTGG TTCTAAATCA CCCATTCACT ACATCGATAT CGGTAATTAT ACAGTTTCCT **GTTTAC**CTT

Rank	Target score	miRNAs
42	95	hsa-miR-30c-5p
43	95	hsa-miR-30b-5p
45	95	hsa-miR-30e-5p
46	95	hsa-miR-30d-5p
47	95	hsa-miR-30a-5p

miRNA Name	hsa-miR-152-3p	miRNA Sequence	UCAGUGCAUGACAGAA CUUGG
Target Score	89	Seed Location	714, 1299, 12752, 12811, 24187, 27415, 27555

661 TGGCCATAGT TACGGCGCCG ATCTAAAGTC ATTTGACTTA GGCGACGAGC TTG**GCACTGA**

721 TCCTTATGAA GATTTTCAAG AAAACTGGAA CACTAAACAT AGCAGTGGTG TTACCCGTGA

1261 GACGGGCGAT TTTGTTAAAG CCACTTGCGA ATTTTGTGGC **ACTGAGAATT** TGAATAAAGA

12721 GTCTTGTGCT GCCGGTACTA CACAACTGC **TGCACTGAT** GACAATGCGT TAGCTTACTA

12781 CAACACAACA AAGGGAGGTA GGTTCGTACT **TGCACTGTTA** TCCGATTAC AGGATTTGAA

24181 CACTTCTGCA **CTGTTAGCGG** GTACAATCAC TTCTGGTTGG ACCTTTGGTG CAGGTGCTGC

27361 GAAGAGCAAC CAATGGAGAT TGATTAAACG AACATGAAAA TTATTCCTTT CTG**GCACTG**

27421 ATAACACTCG CTACTTGTGA GCTTTATCAC TACCAAGAGT GTGTTAGAGG TACAACAGTA

27541 GCTGATAACA AATT**TGCACT** **GA**CTTGCTTT AGCACTCAAT TTGCTTTTGC TTGTCCTGAC

miRNA Name	hsa-miR-148a-5p	miRNA Sequence	AAAGUUCUGAGACACUCCGACU
Previous Name	hsa-miR-148a*		
Target Score	61	Seed Location	3308, 5708, 15779, 24780, 25165, 25387, 26239, 27675

3301 AGAGATGGA **CTTA**CACCAG TTGTTAGAC TATTGAAGTG AATAGTTTTA GTGGTTATTT

5701 TCAGTATGA **CTTA**AGCATG GTACATTAC TTGTGCTAGT GAGTACACTG GTAATTACCA

15721 GATGCTGTTG TGTGTTTCAA TAGCACTTAT GCATCTCAA GTCTAGTGGC TAGCATAA**AG**

15781 **AACTT**TAAGT CAGTTCCTTA TTATCAAAAC AATGTTTTTA TGTCTGAAGC AAAATGTTGG

24721 TCAGTCAGCA CCTCATGGTG TAGTCTTCTT GCATGTGACT TATGTCCCTG CACAAGAAA**A**

24781 **GAACTT**CACA ACTGCTCCTG CCATTTGTCA TGATGGAAAA GCACACTTTC CTCGTGAAGG

25141 AAATGAATCT CTCATCGATC TCCA**AGAACT** **TG**GAAAGTAT GAGCAGTATA TAAAATGGCC

25381 ATAAAC**GAAC** **TTAT**GGATTT GTTTATGAGA ATCTTCACAA TTGGAAGTGT AACTTTGAAG

26221 GCACAAGCTG ATGAGTACGA **ACTTA**TGTAC TCATTCGTTT CGGAAGAGAC AGGTACGTTA

27661 CAAGAGGAAG TTCA**AGAACT** **T**ACTCTCCA ATTTTCTTA TTGTTGCGGC AATAGTGTTT

miRNA Name	hsa-miR-12136	miRNA Sequence	GAAAAAGUCAUGGAGGCC
Target Score	52	Seed Location	8904, 10385, 11095, 26408, 27791, 28213

8881 GATATTACGC ACAACTAATG GTG**ACTTTTT** GCATTTCTTA CCTAGAGTTT TTAGTGCAGT

10321 TAAGGTTGAT ACAGCCAATC CTAAGACACC TAAGTATAAG TTTGTTGCA TTCAACCAGG

10381 ACAG**ACTTTT** **TC**AGTGTTAG CTGTTACAA TGGTTCACCA TCTGGTGTTC ACCAATGTGC

11041 AGTTTTAGTC CAGAGTACTC AATGGTCTTT GTTCTTTTTT TTGTATGAAA ATGC**CTTTTT**

11101 **AC**TTTTTGCT ATGGGTATTA TTGCTATGTC TGCTTTTGCA ATGATGTTTG TCAAACATAA

27781 TCTATTGTG **CTTTTTAGCC** TTTCTGCTAT TCCTTGTTTT AATTATGCTT ATTATCTTTT

28201 CGTTCTATGA AG**ACTTTTTTA** GAGTATCATG ACGTTCGTGT TGTTTTAGAT TTCATCTAAA

miRNA Name	hsa-miR-222-5p	miRNA Sequence	CUCAGUAGCCAGUGUAGAUCU
Previous Name	hsa-miR-222*		
Target Score	86	Seed Location	3115, 4191, 6345, 7713, 11976, 15566, 16614, 16655, 20368, 23277, 25959

3061 AGAAGGTGAT TGTGAAGAAG AAGAGTTTGA GCCATCAACT CAATATGAGT ATGG**TACTGA**

3121 **AG**ATGATTAC CAAGGTAAAC CTTTGGAATT TGGTGCCACT TCTGCTGCTC TTCAACCTGA

4141 AGAGGGTGTT TTAAGTCTG TGGTTATACC TACTAAAAAG GCTGGTGGCA **CTACTGAAAT**

6301 TCTTTGGAGC ACAAACCAG TTGAAACATC AAATTCGTTT GATG**TACTGA** **AG**TCAGAGGA

7681 CTTGTCACCTA CAGTTTAAAA GACCAATAAA TC**CTACTGAC** CAGTCTTCTT ACATCGTTGA

11941 CCAGTTACAC AATGACATTC TCTTAGCTAA AGATACTACT GAAGCCTTTG AAAAAATGGT
15541 ACGGCCAATG TTAATGCACT TTTATCTACT GATGGTAACA AAATTGCCGA TAAGTATGTC
16561 ATTGCAACAT GTGACTGGAC AAATGCTGGT GATTACATTT TAGCTAACAC CTGTACTGAA
16621 AGACTCAAGC TTTTTCAGC AGAAACGCTC AAAGCTACTG AGGAGACATT TAAACTGTCT
20341 AGTCATAGTC AGTTAGGTGG TTTACATCTA CTGATTGGAC TAGCTAAACG TTTTAAGGAA
23221 TGAGTCTAAC AAAAAGTTTC TGCCTTTCCA ACAATTTGGC AGAGACATTG CTGACACTAC
23281 TGAATGCTGTC CGTGATCCAC AGACACTTGA GATTCTTGAC ATTACACCAT GTTCTTTTGG
25921 AGTCCTATTT CTGAACATGA CTACCAGATT GGTGGTTATA CTGAAAAATG GGAATCTGGA

miRNA Name	hsa-miR-181b-5p	miRNA Sequence	AACAUUCAUUGCUGUCGGUGGGU
Previous Name	hsa-miR-181b		
Target Score	70	Seed Location	7410, 7529, 8221, 9016, 11400, 12216, 18516, 20783, 27948

7381 acaaattggcc ccgatttcag ctatggttag aatgtacatc ttctttgcat cattttatta
7501 ttacaaacgt aatagagcaa caagagtcga atgtacaact attgttaatg gtgttagaag
8161 ttttatttca gcagctcggc aagggtttgt tgattcagat gtagaaacta aagatgttgt
8221 tgaatgtcctt aaattgtcac atcaatctga catagaagtt actggcgata gttgtaataa
9001 ttgtgttttg gctgctgaat gtacaatttt taaagatgct tctggtaagc cagtaccata
11341 aatccttatg acagcaagaa ctgtgtatga tgatggtgct aggagagtgt ggacacttat
11401 gaatgtcctg aactcgttt ataaagttaa ttatggtaat gctttagatc aagccatttc
12181 ttctgaagtt gttcttaaaa agttgaagaa gtcttgaat gtggctaaat ctgaatttga
18481 cacctcatat cacttatgta caaaggactt ccttgaatg tagtgcgtat aaagattgta
20761 acattaccta aaggcataat gatgaatgtc gcaaaatata ctcaactgtg tcaatattta
27901 ttcttgtttt cttaggaatc atcacaactg tagctgcatt tcaccaagaa tgtagtttac

miRNA Name	hsa-miR-4288	miRNA Sequence	UUGUCUGCUGAGUUUCC
Target Score	99	Seed Location	1018, 3257, 3392, 4230, 5539, 12352, 14838, 19006, 22783, 24574, 24912, 27657, 29149

29101 acgtgggtcca gaacaaaccc aaggaaattt tggggaccag gaactaatca gacaaggaac

miRNA Name	hsa-miR-195-5p	miRNA Sequence	UAGCAGCACAGAAUAUUGGC
Previous Name	hsa-miR-195		
Target Score	99	Seed Location	3163, 5384, 8458, 8614, 13090, 14562, 14781, 19857, 24094, 24634, 25683, 26723, 28921, 28935, 28938, 29023

miRNA Name	hsa-miR-16-5p	miRNA Sequence	UAGCAGCACGUAAAUAUUGGCG
Previous Name	hsa-miR-16		

miRNA Name	hsa-miR-15b-5p	miRNA Sequence	UAGCAGCAUCAUGGUUUACA
Previous Name	hsa-miR-15b		

miRNA Name	hsa-miR-15a-5p	miRNA Sequence	UAGCAGCAUAUUGGUUUUGUG
Previous Name	hsa-miR-15a		

miRNA Name	hsa-miR-6838-5p	miRNA Sequence	AAGCAGCAGUGGCAAGACUCCU
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miRNA Name	hsa-miR-497-5p	miRNA Sequence	CAGCAGCACACUGUGGUUUUGU
Previous Name	hsa-miR-497		

miRNA Name	hsa-miR-424-5p	miRNA Sequence	CAGCAGCAAUUCAUGUUUUUGAA
Previous Name	hsa-miR-424		

3121 agatgattac caaggtaac ctttgaatt tggtgccact tctgtgtgtc ttcaacctga

miRNA Name	hsa-miR-3133	miRNA Sequence	UAAAGAACUCUAAAAACCCAAU
Target Score	98	Seed Location	2297, 3030, 3745, 6779, 6987, 7153, 7171, 9730, 10007, 11071, 13741, 14722, 15793, 16252, 21384, 23331, 23390

2281 ggagagtgtt cagacattct ttaagcttgt aaataaattt ttggctttgt gtgctgactc

miRNA Name	hsa-miR-21-3p	miRNA Sequence	CAACACCAUGCGAUGGGCUGU
Previous Name	hsa-miR-21*		
Target Score	98	Seed Location	766, 2074, 5920, 7549, 9247, 9571, 9769, 10423, 10958, 11689, 14448, 17668, 18379, 19728, 19917, 20037, 20169, 21664, 21826, 23005, 23065, 26061

miRNA Name	hsa-miR-122b-3p	miRNA Sequence	AAACACCAUUGUCACACUCCAC
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721 tccttatgaa gattttcaag aaaactggaa cactaaacat agcagtgggtg ttaaccgtga

miRNA Name	hsa-miR-559	miRNA Sequence	UAAAGUAAAUAUGCACCAAAA
Target Score	97	Seed Location	2733, 4025, 4531, 6783, 7774, 9508, 10962, 11641, 11672, 12950, 13644, 20196, 21886, 23026, 25807

2701 cttcacactc aaaggcgggtg caccaacaaa ggttactttt ggtgatgaca ctgtgataga

miRNA Name	hsa-miR-196a-1-3p	miRNA Sequence	CAACAACAUUAAACACCCGA
Target Score	97	Seed Location	1357, 1576, 2077, 3434, 4132, 5923, 6710, 8215, 8513, 10939,

			11011, 16860, 18985, 21520, 21937, 25301, 25643, 25646, 26155, 28238
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1321 aggtgccact acttgtggtt acttacccca aaatgctgtt gttaaaattt attgtccagc

miRNA Name	hsa-miR-548y	miRNA Sequence	AAAAGUAAUCACUGUUUUUGCC
Target Score	97	Seed Location	2733, 4025, 4531, 6783, 7774, 9508, 10962, 11641, 11672, 12950, 13644, 20196, 21886, 23026, 25807

2701 cttcacactc aaaggcgggtg caccaacaaa ggttactttt ggtgatgaca ctgtgataga

14	97	hsa-miR-548y
15	97	hsa-miR-548w
16	97	hsa-miR-548o-5p
17	97	hsa-miR-548h-5p
18	97	hsa-miR-548d-5p
19	97	hsa-miR-548c-5p
20	97	hsa-miR-548bb-5p
21	97	hsa-miR-548b-5p
22	97	hsa-miR-548ay-5p
23	97	hsa-miR-548au-5p
24	97	hsa-miR-548ar-5p
25	97	hsa-miR-548am-5p
26	97	hsa-miR-548ak
27	97	hsa-miR-548ae-5p
28	97	hsa-miR-548ad-5p
29	97	hsa-miR-548aq-5p
31	96	hsa-miR-548a-5p
32	96	hsa-miR-548as-5p
33	96	hsa-miR-548ab
36	96	hsa-miR-548j-5p
37	96	hsa-miR-548i
38	96	hsa-miR-548ap-5p
51	94	hsa-miR-548z
52	94	hsa-miR-548h-3p
53	94	hsa-miR-548d-3p
54	94	hsa-miR-548bb-3p
55	94	hsa-miR-548ac
56	93	hsa-miR-548m

miRNA Name	hsa-miR-302c-5p	miRNA Sequence	UUUAACAUGGGGUACCUCUG
Previous Name	hsa-miR-302c*		
Target Score	97	Seed Location	1273, 1360, 2209, 2425, 3627, 6243, 9816, 13997, 14249, 15241, 15461, 15548, 18544, 18987, 20061, 23403, 24448, 26427

1261 gacgggcgat ttgtttaaag ccacttgcga attttgtggc actgagaatt tgactaaaga

miRNA Name	hsa-miR-4684-3p	miRNA Sequence	UGUUGCAAGUCGGUGGAGACGU
Target Score	96	Seed Location	2912, 7098, 8103, 8988, 11891, 13033, 16562, 20757, 24983, 25632, 28671, 29492

2881 ctgtgttgtg gcagatgctg tcataaaaac ttgcaacca gtatctgaat tacttacacc

miRNA Name	hsa-miR-409-3p	miRNA Sequence	GAAUGUUGCUCGGUGAACCCCU
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Target Score	96	Seed Location	4990, 8386, 11785, 12403, 12525, 17285, 19760, 19803, 20759, 20829, 28767, 29694
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4981 aacagtagac **aacatta**acc tccacacgca agttgtggac atgtcaatga catatggaca

miRNA Name	hsa-miR-186-5p	miRNA Sequence	CAAAGAAUUCUCCUUUUGGGCU
Previous Name	hsa-miR-186		
Target Score	95	Seed Location	2296, 3744, 6779, 6988, 7152, 7171, 7259, 9731, 10008, 13741, 14722, 15794, 21383, 21651, 23391, 27403

2281 ggagagtgtt cagac**attct** **tta**agcttgt aaataaatTTt ttggctttgt gtgctgactc

miRNA Name	hsa-miR-545-3p	miRNA Sequence	UCAGCAAACAUUUAUUGUGUGC
Previous Name	hsa-miR-545		
Target Score	95	Seed Location	6074, 13079, 14704, 22647, 22815, 23268, 25263, 25778, 25832, 27099, 28933, 29326

6061 tgataatatc aaat**tttgctg** atgatttaaa ccagttaact ggttataaga aacctgcttc

miRNA Name	hsa-miR-6835-3p	miRNA Sequence	AAAAGCACUUUCUGUCUCCAG
Target Score	95	Seed Location	1719, 5814, 7009, 9381, 10905, 11440, 13074, 13827, 14622, 17594, 17647, 18891, 19340, 22288, 22733, 23856, 25719, 27565, 27788

1681 gatcgccatt attttggcat ctttttctgc ttccaca**gt** **gctttt**gtgg aaactgtgaa

miRNA Name	hsa-miR-3686	miRNA Sequence	AUCUGUAAGAGAAAGUAAAUGA
Target Score	95	Seed Location	1949, 2414, 2860, 5362, 5932, 6435, 6522, 7060, 9295, 12680, 12883, 12912, 20048, 20592, 22416, 26732

1921 tgaaactgct caaaattctg tgcgtgtttt **acagaa**ggcc gctataacaa tactagatgg

miRNA Name	hsa-miR-505-3p	miRNA Sequence	CGUCAACACUUGCUGGUUCCU
Previous Name	hsa-miR-505		
Target Score	95	Seed Location	152, 8488, 10609, 10792, 14208, 15648, 17580, 18123, 18156, 18612, 18906

121 cacgcagtat aattaataac taattactgt **cgttgaca**gg acacgagtaa ctgctctatc

miRNA Name	hsa-miR-632	miRNA Sequence	GUGUCUGCUUCCUGUGGGA
Target Score	94	Seed Location	1018, 3257, 3392, 4230, 5539, 12352, 14838, 19006, 22783, 24574, 24912, 27657, 29149

3241 cggcagtgag gacaat**caga** **caa**ctactat tcaaacaatt gttgaggttc aacctcaatt

miRNA Name	hsa-miR-374a-5p	miRNA Sequence	UUAUAAUACAACCUGAUAAGUG
Previous Name	hsa-miR-374,hsa-miR-374a		
Target Score	93	Seed Location	1749, 5960, 6177, 6949, 20152, 22821, 22827, 22905, 26483

1741 aggtttggat **tataa**agcat tcaaacaat tgttgaatcc tgtggttaatt ttaaagttac

miRNA Name	hsa-miR-4778-3p	miRNA Sequence	UCUUCUCCUUUGCAGAGUUGA
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Target Score	93	Seed Location	3056, 3059, 3074, 3077, 3179, 3189, 3191, 3404, 3974, 4643, 6410, 9791, 12205, 18268, 29390, 29392
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3001 tgagtttaaa ttggcttcac atatgtattg ttctttctac cctccagatg aggatgaaga
3061 agaaggtgat tgtgaagaag aagagtttga gccatcaact caatatgagt atgggtactga
3121 agatgattac caaggtaaac ctttggaatt tgggtgccact tctgctgctc ttcaacctga
3181 agaagagcaa gaagaagatt ggtagatga tgatagtcaa caaactgttg gtcaacaaga

miRNA Name	hsa-miR-4422	miRNA Sequence	AAAAGCAUCAGGAAGUACCCA
Target Score	93	Seed Location	5815, 7009, 10906, 11439, 12359, 13826, 17646, 18684, 20608, 22288, 22733, 23857, 25259, 25718, 27565

6961 gtttttacta ttaagtgttt gcctaggttc tttaatctac tcaaccgctg ctttaggtgt

miRNA Name	hsa-miR-4490	miRNA Sequence	UCUGGUAAGAGAUUUGGGCAUA
Target Score	93	Seed Location	5755, 9305, 12486, 17930, 19817, 22835, 23978, 25942, 26025, 28543

9301 atctttacca ggagttttct gtggtgtaga tgctgtaaat ttacttacta atatgtttac

miRNA Name	hsa-miR-527	miRNA Sequence	CUGCAAAGGGAAGCCCUUUC
Target Score	93	Seed Location	2910, 7423, 7596, 8986, 11135, 11890, 16255, 16382, 17953, 24981, 25631

2881 ctgtgtgttg gcagatgctg tcataaaaac tttgcaacca gtatctgaat tacttacacc

miRNA Name	hsa-miR-518a-5p	miRNA Sequence	CUGCAAAGGGAAGCCCUUUC
Target Score	93	Seed Location	2910, 7423, 7596, 8986, 11135, 11890, 16255, 16382, 17953, 24981, 25631

2881 ctgtgtgttg gcagatgctg tcataaaaac tttgcaacca gtatctgaat tacttacacc

miRNA Name	hsa-miR-5688	miRNA Sequence	UAACAAACACCUGUAAAACAGC
Target Score	93	Seed Location	1271, 5675, 7826, 8185, 9814, 10360, 10530, 11175, 11182, 12907, 13995, 14247, 18895, 19345, 19921, 21235, 21565

1261 gacgggcgat tttgttaag ccacttgcca attttgtggc actgagaatt tgactaaaga

miRNA Name	hsa-miR-548as-3p	miRNA Sequence	UAAAACCCACAAUUAUGUUUGU
Target Score	93	Seed Location	8851, 10058, 10499, 11291, 13348, 18213, 18780, 21099, 22216, 23015, 23957, 25217

8821 attgattgct gcagtcataa caagagaagt gggttttgtc gtgcttggtt tgcttggcac

miRNA Name	hsa-miR-7159-5p	miRNA Sequence	UUCAACAAGGGUGUAGGAUGG
Target Score	92	Seed Location	1770, 2584, 3279, 3970, 8187, 8217, 10608, 14441, 14742, 14864, 17579, 20525, 23008, 23875, 26064, 26099

1741 aggttttgat tataaagcat tcaaacaaat tgttggaatcc tgttgtaatt ttaaagttac

miRNA Name	hsa-miR-6512-5p	miRNA Sequence	UACCAUAGAAGAGCUGGAAGA
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Target Score	92	Seed Location	4723, 5248, 7546, 8896, 9766, 10477, 10874, 12172, 12474, 14077, 18237, 20034, 21782, 23002, 23062, 24280, 25245, 28024
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4681 agctacagtt tctgtttctt cacctgatgc tgttacagcg tataatggtt atcttacttc

miRNA Name	hsa-miR-29c-3p	miRNA Sequence	UAGCACCAUUUGAAUUCGGUUA
Previous Name	hsa-miR-29c		
Target Score	92	Seed Location	3727, 4519, 8329, 9379, 11374, 16284, 19479, 20868, 22342, 28642

3721 tatttttgggt gctgacccta tacattcttt aagagtttgt gtagatactg ttcgcacaaa

miRNA Name	hsa-miR-29b-3p	miRNA Sequence	UAGCACCAUUUGAAUUCAGUGUU
Previous Name	hsa-miR-29b		

miRNA Name	hsa-miR-29a-3p	miRNA Sequence	UAGCACCAUCUGAAUUCGGUUA
Previous Name	hsa-miR-29a		

miRNA Name	hsa-miR-633	miRNA Sequence	CUAAUAGUAUCUACCACAAUAAA
Target Score	92	Seed Location	4964, 5262, 6581, 6967, 7875, 10457, 10649, 19049, 22188, 22388, 23717, 26021, 26541

4921 ctttgacaatcttaagacac ttctttcttt gagagaagtg aggactatta aggtgtttac

miRNA Name	hsa-miR-1226-3p	miRNA Sequence	UCACCAGCCCUGUGUUCCCUAG
Previous Name	hsa-miR-1226		
Target Score	92	Seed Location	656, 2544, 2997, 4181, 5375, 9245, 9410, 15112, 16585, 22314, 22340

2521 aacagaggaa gttgtcttga aaactggtga tttacaacca ttagaacaac ctactagtga

miRNA Name	hsa-miR-4310	miRNA Sequence	GCAGCAUUCAUGUCCC
Target Score	92	Seed Location	1352, 8757, 12064, 14032, 14779, 16070, 16319, 16582, 17791, 21187, 28733

1321 aggtgccact acttgtggtt acttacccca aatgctgtt gttaaaattt attgtccagc

miRNA Name	hsa-miR-495-3p	miRNA Sequence	AAACAAACAUGGUGCACUUCUU
Previous Name	hsa-miR-495		
Target Score	92	Seed Location	1271, 5675, 7826, 8185, 9814, 10360, 10530, 11175, 11182, 12907, 13995, 14247, 18895, 19345, 19921, 21235, 21565

1261 gacgggcat ttgtttaag ccacttgcga attttgtggc actgagaatt tgactaaaga

miRNA Name	hsa-miR-374b-5p	miRNA Sequence	AUAUAAUACAACCUGCUAAGUG
Previous Name	hsa-miR-374b		
Target Score	91	Seed Location	1749, 5960, 6177, 6949, 20152, 22821, 22827, 22905, 26483

1741 aggtttggat tataaagcat tcaaacaat tgttgaatcc tgtgtaatt ttaaagttac

miRNA Name	hsa-miR-4775	miRNA Sequence	UUAAUUUUUGUUUCGUCACU
Target Score	91	Seed Location	1032, 2274, 4424, 6518, 15159, 16888, 20649, 20741, 21415, 22718, 27135, 27397, 29812

1021 gacacctttt gaaattaaat tggcaaagaa atttgacacc ttcaatgggg aatgtccaaa

miRNA Name	hsa-miR-1283	miRNA Sequence	UCUACAAAGGAAAGCGCUUUCU
Target Score	91	Seed Location	51, 7464, 12567, 13648, 13933, 14138, 14458, 14851, 15967, 18963, 19232

1 attaaagggtt tataccttcc caggtatacaa accaaccaac ttctgatctc **ttgtagatct**

miRNA Name	hsa-miR-628-3p	miRNA Sequence	UCUAGUAAGAGUGGCAGUCGA
Previous Name	hsa-miR-628		
Target Score	91	Seed Location	1971, 6810, 7976, 8503, 9078, 12339, 14602, 18327

1921 tgaaactgct caaaattctg tgcgtgtttt acagaaggcc gctataacaa **tactagatgg**

miRNA Name	hsa-miR-141-3p	miRNA Sequence	UAACACUGUCUGGUAAAGAUGG
Previous Name	hsa-miR-141		
Target Score	91	Seed Location	2515, 7742, 10392, 11332, 14396, 18120, 20059, 22695, 23347, 23723

10381 acagactttt t**cagtgttag** cttgttacaa tggttcacca tctggtgttt accaatgtgc

miRNA Name	hsa-miR-1305	miRNA Sequence	UUUCAAACUCUAAUGGGAGAGA
Target Score	91	Seed Location	431, 1127, 1442, 2537, 6320, 6620, 8303, 11988, 16835, 19748, 20527, 22468

421 cttagtagaa **gttgaaaa**ag gcgttttgcc tcaacttgaa cagccctatg tgttcatcaa