

Identification of known miRNAs found in Chromosome 19 by CSHMM

INTERGENIC miRNAs		strand	CSHMM Likelihood score
A. intergenic region: NT_011295 [5205847..5213046]			
1	hsa-mir-24-2 (5209903..5209975)	-	0.246
2	hsa-mir-27a (5210056..5210133)	-	0.250
3	hsa-mir-23a (5210203..5210275)	-	0.252
B. intergenic region: NT_011295 [5214146..5250751]			
1	hsa-mir-181c (5248315..5248424)	+	0.241
2	hsa-mir-181d (5248491..5248627)	+	0.238
C. intergenic region: NT_011295 [10732366.. 10832202]			
1	hsa-mir-640 (10808674..10808769)	+	-
D. intergenic region: NT_011109 [18790093..18790658]			
1	hsa-mir-769 (18790408..18790525)	+	0.262
E. intergenic region: NT_011109 [24418323..24464969]			
1	hsa-mir-99b (24464055..24464124)	+	0.245
2	hsa-let-7e (24464229..24464307)	+	0.260
3	hsa-mir-125a (24464697..24464782)	+	0.250
F. intergenic region: NT_011109 [26408454..26533648]			
1	hsa-mir-512-1 (26438123..26438206)	+	0.280
2	hsa-mir-512-2 (26440601..26440698)	+	0.269
3	hsa-mir-1323 (26443412..26443484)	+	0.276
4	hsa-mir-498 (26445641..26445764)	+	0.268
5	hsa-mir-520e (26447155..26447241)	+	0.291
6	hsa-mir-515-1 (26450447..26450529)	+	0.280
7	hsa-mir-519e (26451384..26451467)	+	0.276
8	hsa-mir-520f (26453603..26453689)	+	0.295

9	hsa-mir-515-2 (26456453..26456535)	+	0.281
10	hsa-mir-519c (26457913..26457999)	+	0.287
11	hsa-mir-1283-1 (26459925..26460011)	+	0.276
12	hsa-mir-520a (26462325..26462409)	+	0.291
13	hsa-mir-526b (26465837..26465919)	+	0.288
14	hsa-mir-519b (26466657..26466737)	+	0.280
15	hsa-mir-525 (26468977..26469061)	+	0.270
16	hsa-mir-523 (26469829..26469915)	+	0.284
17	hsa-mir-518f (26471459..26471545)	+	0.276
18	hsa-mir-520b (26472671..26472731)	+	0.284
19	hsa-mir-518b (26474181..26474263)	+	0.268
20	hsa-mir-526a-1 (26477696..26477780)	+	0.290
21	hsa-mir-520c (26478897..26478983)	+	0.291
22	hsa-mir-518c (26480179..26480279)	+	0.280
23	hsa-mir-524 (26482446..26482532)	+	0.275
24	hsa-mir-517a (26483712..26483798)	+	0.279
25	hsa-mir-519d (26484791..26484878)	+	0.268
26	hsa-mir-521-2 (26488038..26488124)	+	0.263
27	hsa-mir-520d (26491540..26491626)	+	0.275
28	hsa-mir-517b (26492520..26492586)	+	0.260
29	hsa-mir-520g (26493610..26493699)	+	0.278
30	hsa-mir-516b-2 (26496886..26496970)	+	0.268
31	hsa-mir-526a-2 (26498366..26498430)	+	0.263
32	hsa-mir-518e (26501282..26501369)	+	0.292
33	hsa-mir-518a-1 (26502450..26502534)	+	0.273
34	hsa-mir-518d (26506321..26506407)	+	0.273
35	hsa-mir-516b-1 (26508289..26508378)	+	0.272
36	hsa-mir-518a-2 (26510777..26510863)	+	0.283
37	hsa-mir-517c (26512757..26512851)	+	0.279
38	hsa-mir-520h (26513956..26514043)	+	0.260
39	hsa-mir-521-1 (26520080..26520166)	+	0.259
40	hsa-mir-522 (26522655..26522741)	+	0.267
41	hsa-mir-519a-1 (26523841..26523925)	+	0.285
42	hsa-mir-527 (26525462..26525546)	+	0.279
43	hsa-mir-516a-1 (26528185..26528274)	+	0.284

44	hsa-mir-1283-2 (26529676..26529762)	+	0.277
45	hsa-mir-516a-2 (26532577..26532666)	+	0.275
G. intergenic region: NT_011109 [26547333..26565027]			
1	hsa-mir-371 (26559119..26559185)	+	0.275
2	hsa-mir-372 (26559334..26559400)	+	0.245
3	hsa-mir-373 (26560149..26560217)	+	0.267
H. intergenic region: NT_011109 [30287717..30306882]			
1	hsa-mir-1274b (30292565..30292631)	-	-
INTRONIC miRNAs			
NT_011255			
1	hsa-mir-1302-2 (11973 ..12110)	+	-
2	hsa-mir-1909 (1756158..1756237)	-	0.234
3	hsa-mir-1227 (2174061..2174148)	-	-
4	hsa-mir-637 (3901412..3901510)	-	0.230
5	hsa-mir-7-3 (4710682..4710791)	+	0.245
6	hsa-mir-220b (6435959..6436045)	+	0.232
NT_011295			
1	hsa-mir-1181 (1776936..1777016)	-	-
2	hsa-mir-1238 (1925600..1925682)	+	-
3	hsa-mir-638 (2091882..2091981)	+	0.240
4	hsa-mir-199a-1 (2190904..2190974)	-	0.245
5	hsa-mir-639 (5903157..5903254)	+	0.228
6	hsa-mir-1470 (6823161..6823221)	+	0.236
7	hsa-mir-1270 (11772882..11772964)	-	0.263
NT_011109			
1	hsa-mir-641 (13056668..13056766)	-	0.304
2	hsa-mir-330 (18410470..18410563)	-	-
3	hsa-mir-642 (18446404..18446500)	+	0.325
4	hsa-mir-220c (21331719..21331801)	-	-
5	hsa-mir-150 (22272232.. 22272315)	-	0.247
6	hsa-mir-643 (25053240..25053336)	+	0.287

7	hsa-mir-519a-2 (26533788..26533874)	+	-
8	hsa-mir-935 (26753751..26753841)	+	-