

1 Secondary structures of 7 novel miRNAs

1.Novel-miR008a
pri_seq
t00706007_x1
t00166860_x1
t00691285_x1
t01571169_x3
t04054968_x89
t01832491_x1
t00492783_x9
t03505451_x6
t01431687_x1
t03878032_x3
t02643744_x15
t01415527_x42
t02322145_x1466
t01706810_x6
t03679060_x1
t01928349_x2

---- a g u gu u gau- cc
aguugc gagAGGGGAUGAUUUUAGGAAUGUUau agu gu ga gggc cucg u
ucgaag cUCUCUCUACUAAUGCCUUACAuaa uca ca cu cuug gagu c
gugu a - - au u auug cu

2.Novel-miR012a

pri_seq
t04424978_x5
t00447744_x2
t00792533_x15
t00585376_x1
t03843385_x9
t02093624_x2
t04043063_x1

uuuucacacacacauccucaaaacccuuuccauugcuccuucggagagcgcugugugcucuaaaacagccuacaauugcucucugaaaggagcccuag
gcucctUU CGGAG GCG UGUG GCu a
cgaGGAA GUCUU UGC ACAU cga a
-----gaucc A C UU C caa

3.Novel-miR017

pri_seq
t01569569_x12
t01439413_x2
t00262521_x5
t02681595_x472
t00294883_x23
t04117279_x1
t04216510_x3
t00415283_x1
t04392981_x8
t04020743_x6
t01161351_x3
t02013798_x99
t02593924_x49
t00494785_x433
t03469120_x8
t04058079_x2
t03050152_x3
t04099199_x2

-----uuu G G A - ug
guGGUGCAAUGG C AACGCCG GGu gg u
CACCACGUUACU G UUGCGCG cca cc u
uuuaguguauuacuaacacu - - C a ug

4.Novel-miR021a

pri_seq
t02380915_x3
t00621995_x4
t03696389_x20
t00117061_x2

-- C C Aaa- ucg
cuacaUCG CGG GAUCACCAGAAUC gug c
ggUGUAGU GCC UUAUGUGUCUUAg cac a
uu A - acga uac

