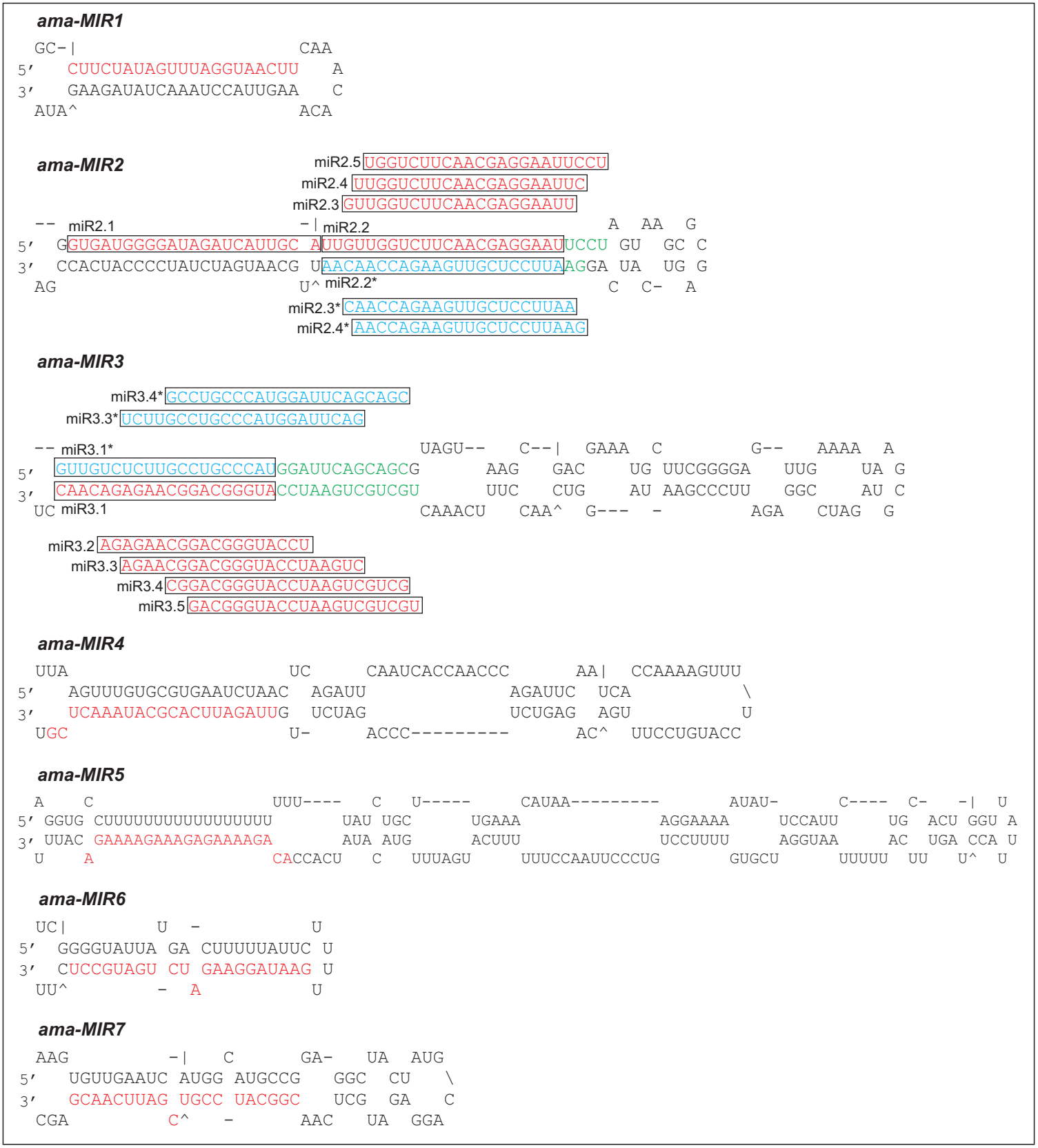
Figure S2


ama-MIR1
GC-|
CAA
5′ CUUCUAUAGUUUAGGUAACUU A
3′ GAAGAUAUCAAAUCCAUUGAA C
AUA^
ACA
ama-MIR2
miR2.5 UGGUCUUCAACGAGGAAUUCCU
miR2.4 UUGGUCUUCAACGAGGAAUUC
miR2.3 GUUGGUCUUCAACGAGGAAUU
-- miR2.1
-| miR2.2
A AA G
5′ GGUGAUGGGGAUAGAUCAUUGC AUUGUUGGUCUUCAACGAGGAAUUCCU GU GC C
3′ CCACUACCCCUAUCUAGUAACG UAACAACCAGAAGUUGCUCCUUAAGGA UA UG G
AG
U^ miR2.2*
C C- A
miR2.3* CAACCAGAAGUUGCUCCUUAA
miR2.4* AACCAGAAGUUGCUCCUUAAG
ama-MIR3
miR3.4* GCCUGCCCAUGGAUUCAGCAGC
miR3.3* UCUUGCCUGCCCAUGGAUUCAG
-- miR3.1*
UAGU-- C--| GAAA C G-- AAAA A
5′ GUUGUCUCUUGCCUGCCCAUGGAUUCAGCAGCG AAG GAC UG UUCGGGGA UUG UA G
3′ CAACAGAGAACGGACGGGUACCUAAGUCGUCGU UUC CUG AU AAGCCCUU GGC AU C
UC miR3.1
CAAACU CAA^ G--- - AGA CUAG G
miR3.2 AGAGAACGGACGGGUACCU
miR3.3 AGAACGGACGGGUACCUAAGUC
miR3.4 CGGACGGGUACCUAAGUCGUCG
miR3.5 GACGGGUACCUAAGUCGUCGU
ama-MIR4
UUA
UC CAAUCACCAACCC AA| CCAAAAGUUU
5′ AGUUUGUGCGUGAAUCUAAC AGAUU AGAUUC UCA \
3′ UCAAAUACGCACUUAGAUUG UCUAG UCUGAG AGU U
UGC
U- ACCC--------- AC^ UUCCUGUACC
ama-MIR5
A C UUU---- C U----- CAUAA--------- AUAU- C---- C- -| U
5′ GGUG CUUUUUUUUUUUUUUUU UAU UGC UGAAA AGGAAAA UCCAUU UG ACU GGU A
3′ UUAC GAAAAGAAAGAGAAAAGA AUA AUG ACUUU UCCUUUU AGGUAA AC UGA CCA U
U A CACCACU C UUUAGU UUUCCAAUUCCCUG GUGCU UUUUU UU U^ U
ama-MIR6
UC| U - U
5′ GGGGUAUUA GA CUUUUUAUUC U
3′ CUCCGUAGU CU GAAGGAUAAG U
UU^ - A U
ama-MIR7
AAG -| C GA- UA AUG
5′ UGUUGAAUC AUGG AUGCCG GGC CU \
3′ GCAACUUAG UGCC UACGGC UCG GA C
CGA C^ - AAC UA GGA

ama-MIR8

```
  G-|              U      GUUUAACAGC
5′  CGGGAAGAGUUAUC UUUCU           \
3′  GCCCUUCUCAAUAG AAAGG           C
  UA^              U      UCCCACCCGC
```

ama-MIR9

```
  UUU           -        GU  A  AUAAGUGGGA--|  G
5′   GUGAAAUGAC UUGAGAG  GU GG             GCC A
3′   CAUUUUAUUG AAUUUUC  CA CC             CGG A
  AUU           C        AU  -  AUAAAGUGAAAG^  A
```

ama-MIR10

```
  C--                C          CUCUC----        CU           CCGCCGUUCU     G—  -|      A
5′   UCUCUCUCUCUCUCU UCUCUCUCU          UCUCUCU  CUCUCUCUCU           AGUC     GC GAGAGG A
3′   AGAGAGAGAGAGAGA AGAGAGAGA          AGAGAGG  GAGAGAGAGA           UCAG     CG CUCUUC A
  GAA                U          AAAAAUUAU        UU           C---------     ACUG  A^      G
```

ama-MIR11

```
  GUU|                     U GU
5′   GCAUUAUUAUUAUUAUUAUUG U  U
3′   CGUAGUAGUAGUAGUAGUAGU G  G
  ACU^                     U UU
```

ama-MIR12

```
  GGA|        A          U
5′   UCGCGGCG CGUGGGCGG U
3′   AGCGCUGC GCGCCCGUC C
  AAG^        A          G
```

ama-MIR13

```
    miR13.2 CUCUCUCUCUCUCUCUCUCA
  A  miR13.1 ‾                    A-AUUCCGUAAA|     C  UUUUAUUAUUCUCU
5′ AGCA UCUCUCUCUCUCUCUCUCUC             AGAGC CA              U
3′ UUGU AGAGGGGGAGAGAGAGAGAG             UCUCG GU              C
  C    A                      \ ----------^    U  UUAACUUAAACUUU
                           (104 nt side loop)
```

ama-MIR14

```
  CUU        GAG             -------     ------------|   A   U
5′   UUGAUUA    UAGGGGUCGCGA        GAGA             GCAG GCG \
3′   AACUGAU    GUUCUCAGCGCU        CUCU             CGUC CGC A
  AAC        ACU             UAUAUUU     GAGCACUGAUAC^   C   C
```

ama-MIR15

```
--                                    CCG---  AA         .-G|          UCCGG    U  GUG--     C
5′ GAGGUUUGAAUAUUAAGUAUGAAUCAUAGUUCGA       CG  AUUUAUUU   UUUCUGUAUU     AAUA GA     UGUGA U
3′ CUCCAAACUUAUAAUUCAUACUUAGUAUCAAGCU       GC  UAGGUAAA   AAAGACAUGA     UUAU CU     ACAUU U
 CG                                   UAUGAA  AC         \ -^          UAG--    C  AGUUA     G
                                                          (72 nt side loop)
```