

Supplementary Figure 4. Predicted fold-back structures of the putative miRNA precursors from rice (see Supplementary Table 2).

P18-F1 ($\Delta G = -63.3$)

```

UGUUA AACGGCAC   U   A-   U   A   UGG----   U-   UA
      GGUUU CUUGG  UCUCUC  CUCCUUGAAGGCU UCUCA   AGGU  UGAUG \
      CCGAA GAACC  AGAGAG  GAGGGGGCUUCCGA AGAGU   UCCG  GUUAC C
UGACA-----   C   GA   -   A   CAAAGAA   UU   CA
    
```

P20-A11 ($\Delta G = -114.1$)

```

A   A   C           A           C   A   A   C   UG           UG   GGU
AG UUU CU CGGUCCAACAAAAGUA CUCGAGGUA CG UACCUC CGGUAC AAAU UUUCCGAUCGUUGGAUCUAGC GGUG \
UC AAA GA GCCAGGUUUUUUCAU GAGCUCAU GC AUGGAG GCCAUG UUUA AAAGGCUAGCAACCUAGAUUG CUAC U
A   A   A           A           A   C   C   U   GU           --   GGG
    
```

P83-E9 ($\Delta G = -201.3$)

```

AAU   C   A   AA           C   G           A           C           C           UCC           A   A           C   A   --C           A-   A   A   --   A
AGCU UAUUAUG CAC AAUUGACAUUU ACCC UUCGGAAGUA UUCGCAAAUGAACCGCGC AAAAUUUAUU AAAAUG CUUUUUUUAGCCCA AUC UAUGCGUUAAC UA ACA CUCAGC CC CUUC AC UGGCGUG U
UUGA GHUAUAG GUG UUAACUGUAAA UGGG AAGGCUUUGAU AAAGCGUUUACUUGGCGCG UUUUGAUA AAA UUUUAC GAAAACAAGUCGGGU UAG AUACUGUAGUUG AU UGU GAGUGG GG GUAG UG ACCGUGAC U
---   A   C   AA           C   A           C           A           A           UGA           A   C           A   C   \   -   GA   -   G   CC           A
    
```

P92-A7 ($\Delta G = -74.8$)

```

A           G           -   CC   U   UCC   ACU--           -CAAUAC           AUUAU   A   UAU   G
GAUGCUCUUUC UCCUAAAUAUAAGCA UUUUAG AC UGACA AGUU GAUUA ACUUUGAU AAUAUACAAU UAU UA AUUAU U
CUAUGAAGGAG AGGGUUUUUAUUUGU AAAAUU UG ACUGU UCAG UUGUA UGAAACUG UUAUAUGUUG AUA AU UGUAU A
C           A   G   UC           -   U--   AAAAA           \   -----   AAAAA-   A   UU-   A
    
```

P101-H12 ($\Delta G = -160.0$)

```

CA           AAUA           C           CU
UGUGGCUCGCAUCGUUA ACUAACGGCAUAAUUGAUCACUUGAUGA GACGUUAUUCGGGUUCGCUAUUAUACUAUCUACUGGUAAGUAU \
ACACCGAGCGUACGAU UGAUUGCCGUUAUUAUUUAGUGAACUACU CUGCGUAUAGCCACAAGUGAUAUAUAUGAUAGAUGACCAUUCAUUA U
--           ----           A           AU
    
```