

**Supplementary Figure 3.** Predicted fold-back structures of miR437 from maize, sugarcane and *Sorghum*.

**Maize**

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      C   C   U           - C   CC           U-           CAGAAA           C           CCAU           C   C   G   U
UAUUUUAGC UUG CCUAA UUAGACUUCUCUA CU UGA AUGUUUUU AAAAAUG CAUCUA AAUUAUAAA UAGAUA AC AU AAA \
GUAUUUUUG AAC GGGUU AGUUUGAAGAGAU GA ACU UACAAAUA UUUUUU AU          GUAGAU UUAUAGUUU AUUUUGU UG UA UUU A
      A   A   C           C   A   U-           UC           ACAAUC           U           ----           A   A   G   U
    
```

**Sugarcane**

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--      C   GU   A           ACUAAACUUC           CC           C           A           UGCACCAA-           G   .-UAUCAAAUAGUCCAUAUAAA UC
UACUCU  CUGUU CAA  UAU GUUUACU           AGCUUUGUC  AAGUCAAC  UCUCUAACUUUGAUAAGUUU UAGAAAAA           AUCUA AA           UUC \
AUGAGG  GGCAA GUU  AUA CAAGUGA           UCGAAACAG  UUCAGUUUG  AGAGAUUGAAACUAGUUCAAA AUCUUUUU           UAGAU UU           AAG C
      GC      A   UG   A           AA-----           NA           A           A           UAUAUAUAG           G   \ -----           UA
    
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**Sorghum**

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      U           A           U           -           C   C           A           -   C   C           -   C           .-UACAAA           U
UUCCAAAAGU GGUUGUUUU GUUUU GUCAUAAGU AAAU UCUC AACUUUGACCAAGUUU UAGAAAA UA AC AACAU GGCAA AUC           AUGAAA G
GAGGUUUUACA CCAGCAAAA CAAAA UAGUAUUA UUUGA AGAG UUGAAUUGGUUCAAA AUCUUUU AU UG UUGUA UCGUU UGG           UGCUUU A
      U           C           -           G           -           A           C           U   A   A   G   A   \ -----           A
    
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