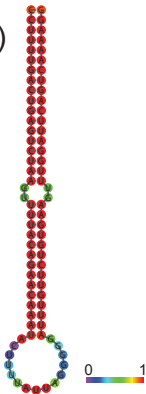


A)



B)

```

.....UUCUGUGAAGUUUGGAUUCAG..... 1
.....UUUGUUCUGUGAAGUUUGGAUU..... 1
.....UUUGUUCUGUGAAGUUUGGAUU..... 1
.....UUUGUUCUGUGAAGUUUGGAUU..... 1
CCUUUUGACUGAGUCUAAGUUUUACAGAACAAUACUUUUUUAUAGGGGGAUUUGUUCUGUGAAGUUUGGAUUCAGUCAAAAGG
((((((((((((((((((((((((((((((((((((((((((((((((((((((((((((((((((((((((((((((((((((
Precursor 43.66 kal/mol

```

Reads

C)

```

.....TTTGT.TCTGTGA.....AGTTTGGATT..... miRNA
CCTTTTGACTGAGTCTAAGTTTACAGA...ACAAATACTTTATTAGGGGGATTGT.TCTGTGA...AGTTTGGATTTCAGTCAAAAGG Tammar
CCGCTCTTATTTTTCAGAAAGAAAAAT..ATATATATATGTATATGTAGTATTTTCTGAATGAGGACAGTCTGGTGACTGGCCACACG Human
CAATAGGGCTGTAGAATGATACAGGGGAA..ATTTAACATTAAATATATATATCTAGT.TCTGAGA...AGTGGGGTGCCTGAAGTGAGG Mouse
CGAAGTCACTAAACAACGGTGGTTTTGTGGGTTTTAGACAGTAATAATACACTATGATCCTGGGAAGTTTGGGGATTATTATTACAAAGGG Frog

```