

The diagram illustrates a complex RNA secondary structure. It features a large loop on the left, a long internal loop in the center, and a smaller loop on the right. The sequence is color-coded: red for the left loop, blue for the top and central regions, and yellow for the right loop. The 5' and 3' ends are indicated at the top left. The structure is stabilized by numerous base pairs, shown as vertical lines connecting complementary nucleotides.



| 5' | | -3' | exp | |
|----|--|-------|-----|--------|
| | gagacaaguugagcgcgcgguaguaaaucggacaacaacuuguuuacuugcaaugaaacaauugugcgagacaaguugaacaaaaauguugcuguaauaccggaccuu | | | |
| | ((((-(((((((-((((-(((((((((((((((-.)))))))))..)))..)))))))))..))))))..))))))..))))))..)))).. | reads | mm | sample |
| | ..uaguaauacggacaacaacu.. | 1 | 0 | s02 |
| | ..auguugcgagacaaguugaU.. | 2 | 1 | s02 |
| | ..uguugcgagacaaguugaaca.. | 1 | 0 | s02 |
| | ..uguugcgagacaaguugGaca.. | 1 | 1 | s02 |
| | ..uugcgagacaaguugaaAa.. | 2 | 1 | s02 |
| | ..uugcgagacaaguugGaca.. | 1 | 1 | s02 |
| | ..uugcgagacaaguugaacU.. | 1 | 1 | s02 |
| | ..Cugcgagacaaguugaaca.. | 1 | 1 | s02 |
| | ..uCgcgagacaaguugaaca.. | 2 | 1 | s02 |
| | ..uugcgagacaaguugaacC.. | 1 | 1 | s02 |
| | ..uugcgagacaaguugaCca.. | 1 | 1 | s02 |
| | ..uugcgagacaaguugaaca.. | 30 | 0 | s02 |
| | ..uugcgagacaaguugaacaa.. | 1 | 0 | s02 |
| | ..uugcgagacaaguugaacaaU.. | 2 | 1 | s02 |
| | ..uugcgagacaaguugaaca.. | 2 | 0 | s13 |
| | ..uugcgagacaaguugaac.. | 1 | 0 | s07 |
| | ..uugcgagacaaguugaaca.. | 8 | 0 | s07 |
| | ..uugcgagacaaguugUaca.. | 2 | 1 | s07 |
| | ..uugcgagacaaguugaacU.. | 1 | 1 | s07 |
| | ..Cugcgagacaaguugaaca.. | 1 | 1 | s07 |
| | ..uugcgagacaaguugGaca.. | 1 | 1 | s07 |
| | ..uugagcgcgcgguaguaau.. | 1 | 0 | s12 |
| | ..ugaacaaaaauguugcuguaauacc.. | 1 | 0 | s12 |
| | ..uugcgagacaaguugaaca.. | 1 | 0 | s09 |
| | ..uugcgagacaaguugaaca.. | 3 | 0 | s19 |
| | ..agacaaguugagcgcgcgguauUu.. | 1 | 1 | s08 |
| | ..uugcgagacaaguugaaca.. | 5 | 0 | s08 |
| | ..ugcgagacaaguugaGcaaaaaauguugc.. | 1 | 1 | s08 |

Star

Mature

gagacaaguugagcgcgguaguaaacggacaacaacuuguuuuacuugcaaugaaacaauuguugcgagacaaguugaacaaaauguugcucguauuaccggaccuu

| | | | |
|---------------------------------|---|---|-----|
|uguugcgagacaaguugaaca..... | 1 | 0 | s10 |
|uugcgagacaaguugaaca..... | 1 | 0 | s15 |
|ugagcgcgcgguaguaa.. | 1 | 0 | s17 |
|uugcgagacaaguugaaca..... | 1 | 0 | s01 |