



|    |                                                                                                                                      |       |     |
|----|--------------------------------------------------------------------------------------------------------------------------------------|-------|-----|
| 5' | agcugacucacagggguuuuuuuggauccagagug <u>gguuuguuuucuaauugagagc</u> agugucuaaaguuuug <u>cuaacaagugaaacaacugc</u> acaagguccacagacucuca  | -3'   | obs |
|    | agcugacucacagggguuuuuuuggauccagagug <u>gguuuguuuucuaauugagagc</u> aagugucuaaaguuuug <u>cuaacaagugaaacaacugc</u> acaagguccacagacucuca |       | exp |
|    | ..(((.....))(((.....(((.....((((((((((((.....(((.....(((.....))).....))).....))).....))).....))).....))).....                        | reads | mm  |
|    | .....gguuCguuuucuaauugagagc.....                                                                                                     | 1     | s01 |
|    | .....cuaacaagugaaacaacugc.....                                                                                                       | 0     | s01 |