



| 5' | aaggcugcauuuuuucaguaguaguaguagucguguaauuagcagauugugguuaucucgagauugagugugguuagauuucuaaacugacaaaucgcgccauuuua | -3'   | exp |
|----|-------------------------------------------------------------------------------------------------------------|-------|-----|
|    | .(((.((((.((((.((((.....))))))....(((.((((.(((((((.(.....)))))))).)))))))))))))).))))))....                 | reads | mm  |
|    | .....gugguauugauuucuaaac.....                                                                               | 11    | 0   |
|    |                                                                                                             |       | seq |