



| 5' | uuuuuuuucgccgaucgcggcgcaauuugaucgcgcagcgcaucggcg | gaauaaaaaucgcgcgaucucg | gaaugcugagauaucggcgcauuuuuauacgcgcggucgagggcgcaucggcgcaa | -3' | obs |
|----|---|------------------------|--|-------|-----|
| | uuuuuuuucgccgaucgcggcgcaauuugaucgcgcagcgcaucggcg | gaauaaaaaucgcgcgaucucg | gaaugcugagauaucggcgcauuuuuauacgcgcggucgagggcgcaucggcgcaa | | exp |
| |((((((((((((((((.....))))))..((((((((((((((((((((((((((((((((.....))))))))).....)))))))))..))))))))) | | | reads | mm |
| |gTuuuuuuuucgcgcgaucucg..... | | | 1 | 1 |
| |uagauaucggcgcauuuuuauacgc..... | | | 1 | 0 |
| | | | | | s02 |
| | | | | | s02 |