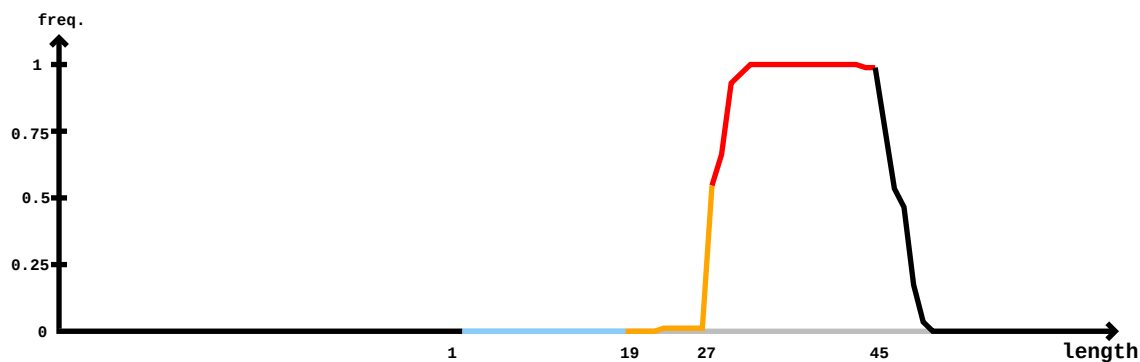




|      |                                                                                                                                               |        |     |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------|-----|
| 5' - | ccuuacaucuugauuucccuuaaacgagugaagucaucc <u>uaacuuuuucccucucucu</u> <u>ugcca</u> <u>uagagaggaggaga</u> <u>gaagaacua</u> aaccaacaugcagcacagaagg | -3'    | exp |
|      | (((((.....(((((((-(...)))..))))))....(((((((((-(...)))..))))))..)))))).....))))))                                                             | reads  | mm  |
|      | .....cauagagaggaggagaagaaa.....                                                                                                               | 1      | 0   |
|      | .....agCggaggagaagaacu.....                                                                                                                   | 34     | 1   |
|      | .....agCggaggagaagaacua.....                                                                                                                  | 3      | 1   |
|      | .....agCggaggagaagaacuaa.....                                                                                                                 | 2      | 1   |
|      | .....agCggaggagaagaacuaac.....                                                                                                                | 5      | 1   |
|      | .....agCggaggagaagaacuaacca.....                                                                                                              | 2      | 1   |
|      | .....gCggaggagaagaacua.....                                                                                                                   | 2      | 1   |
|      | .....gCggaggagaagaacuaac.....                                                                                                                 | 5      | 1   |
|      | .....gCggaggagaagaacuaacc.....                                                                                                                | 3      | 1   |
|      | .....Cggaggagaagaacuaa.....                                                                                                                   | 4      | 1   |
|      | .....Cggaggagaagaacuaac.....                                                                                                                  | 12     | 1   |
|      | .....Nggaggagaagaacuaac.....                                                                                                                  | 1      | 1   |
|      | .....Cggaggagaagaacuaacc.....                                                                                                                 | 6      | 1   |
|      | .....ggaggagaagaacuaac.....                                                                                                                   | 2      | 0   |
|      | .....ggaggagaagaacuaacc.....                                                                                                                  | 1      | 0   |
|      | .....gaggagaagaacuaacc.....                                                                                                                   | 2      | 0   |
|      | .....gagAagaagaacuaacca.....                                                                                                                  | 1      | 1   |
|      |                                                                                                                                               | sample |     |