```
5'- acucuucuccugaucaaggguuggcuuucauucaugauccaugaugcugauauauauuuuuguugacagaagauagagagc -3'   exp
    .(((((((.(((.(((((.(((..((......(((((...))))).))..))..........).)))))))).))).)))).      reads     mm     sample
    ..................................................................uuguugacagaagauagagag.    1      0      L01
    ..................................................................uuguugacagaagauagagagc    4      0      L01
    ...................................................................uguugacagaagauagagagc    1      0      L01

    ..................................................................uuguugacagaagauagagag.    6      0      Z02
    ..................................................................uuguugacagaagauagagagc   40      0      Z02
    ......................................................................uugacagaagauagagagc    9      0      Z02
    .......................................................................ugacagaagauagagagc    1      0      Z02

    ..................................................................uuguugacagaagauagag...    1      0      Z01
    ..................................................................uuguugacagaagauagagag.   16      0      Z01
    ..................................................................uuguugacagaagauagagagc    4      0      Z01
    ...................................................................uguugacagaagauagagagc   55      0      Z01
    ......................................................................uugacagaagauagagagc    5      0      Z01
    .......................................................................ugacagaagauagagagc    1      0      Z01

    .............................................cugauauauauuuuuguugac..............    1      0      L02
    ...............................................auauauuuuuguugacaga...........    1      0      L02
    ..................................................................uuguugacagaagauagagag.   19      0      L02
    ..................................................................uuguugacagaagauagagagc    4      0      L02
    ...................................................................uguugacagaagauagaga..    1      0      L02
    ...................................................................uguugacagaagauagagagc   84      0      L02
    ......................................................................uugacagaagauagagagc   43      0      L02
    .......................................................................ugacagaagauagagagc    2      0      L02

    ..................................................................uuguugacagaagauagagag.    3      0      Z03
    ..................................................................uuguugacagaagauagagagc    1      0      Z03
    ...................................................................uguugacagaagauagagagc   15      0      Z03
    ......................................................................uugacagaagauagagagc    3      0      Z03

    ..................................................................uuguugacagaagauagag...    1      0      L03
    ..................................................................uuguugacagaagauagaga..    6      0      L03
    ..................................................................uuguugacagaagauagagag.   45      0      L03
    ..................................................................uuguugacagaagauagagagc   23      0      L03
    ...................................................................uguugacagaagauagag...    1      0      L03
```

```
acucuucuccugaucaaggguuggcuuucauucaugauccaugaugcugauauauauuuuuguugacagaagauagagagc
...........................................................uguugacagaagauagaga..    2    0    L03
...........................................................uguugacagaagauagagagc    215    0    L03
............................................................guugacagaagauagagagc    1    0    L03
.............................................................uugacagaagauagagag.    1    0    L03
.............................................................uugacagaagauagagagc    43    0    L03
..............................................................ugacagaagauagagagc    6    0    L03
```