



## Mature

| 5' | aaacuuacaauagccugcg <u>uuugcagacgaacaagacccgc</u> uuuu <u>ccgggc</u> uuuu <u>guucgucgucgaacgca</u> ggccaaacuaacaagagaaugauaaauuuuagauuuuu | -3'   | obs |        |
|----|---|-------|-----|--------|
|    | aaacuuacaauagccug <u>cgguugcagacgaacaagacc</u> cgcuauu <u>ccgggc</u> uuuu <u>guucgucgucgaacgca</u> ggccaaacuaacaagagaaugauaaauuuuagauuuuu |       | exp |        |
|    | .....((((((((((((((((((((((((((((((((.....)))))))))))))))))))))))))))))))))))).....   | reads | mm  | sample |
|    | .....uuuug <u>uucgucgucgaacgc</u> U.....  | 1     | 1   | s16    |
|    | .....uuuug <u>uucgucgucgaacgca</u> .....  | 1     | 0   | s16    |
|    | .....ccugcguuA <u>cagacgaaca</u> .....  | 1     | 1   | s07    |
|    | .....uuuug <u>uucgucgucgaac</u> U.....  | 11    | 1   | s07    |
|    | .....uuuug <u>uucgucgucgaac</u> A.....  | 4     | 1   | s07    |
|    | .....uuuug <u>uucgucgucgaacg</u> .....  | 4     | 0   | s07    |
|    | .....uuuug <u>uucgucgucgaacgc</u> G.....  | 1     | 1   | s07    |
|    | .....uuuug <u>uucgucgucgaac</u> Uc.....   | 1     | 1   | s07    |
|    | .....uuuugC <u>ucgucgucgaacgc</u> .....   | 1     | 1   | s07    |
|    | .....uuuug <u>uucgucgucgaacgc</u> .....   | 10    | 0   | s07    |
|    | .....uuuug <u>uucgucgucgaacgc</u> U.....  | 1     | 1   | s07    |
|    | .....uuuug <u>uucgucgucgaacgca</u> .....  | 28    | 0   | s07    |
|    | .....uuuug <u>uucgucgucgaacgc</u> aU.....   | 2     | 1   | s07    |
|    | .....uuuug <u>uucgucgucgaacgc</u> aU.....   | 1     | 1   | s07    |
|    | .....uuuug <u>uucgucgucgaacgc</u> agg.....  | 22    | 0   | s07    |
|    | .....uuuug <u>uucgucgucgaacgc</u> agA.....  | 3     | 1   | s07    |
|    | .....uuuug <u>uucgucgucgaacgc</u> a.....  | 1     | 0   | s07    |
|    | .....u <u>ugucgucgucgaacgc</u> a.....   | 4     | 0   | s07    |
|    | .....u <u>ugucgucgucgaacgc</u> agA.....   | 2     | 1   | s07    |
|    | .....u <u>ugucgucgucgaacgc</u> agU.....   | 1     | 1   | s07    |
|    | .....uuuug <u>uucgucgucgaac</u> A.....  | 4     | 1   | s09    |
|    | .....uuuug <u>uucgucgucgaac</u> U.....  | 22    | 1   | s09    |
|    | .....uuuug <u>uucgucgucgaacgc</u> a.....  | 2     | 0   | s09    |
|    | .....uuuug <u>uucgucgucgaacgc</u> U.....  | 1     | 1   | s09    |
|    | .....u <u>gucgucgucgaacgc</u> agg.....  | 1     | 0   | s09    |
|    | .....uuuug <u>uucgucgucgaac</u> U.....  | 1     | 1   | s04    |
|    | .....uuuug <u>uucgucgucgaacgc</u> .....   | 1     | 0   | s04    |
|    | .....uuuug <u>uucgucgucgaacgc</u> a.....  | 1     | 0   | s04    |
|    | .....uuuug <u>uucgucgucgaacgc</u> agg.....  | 1     | 0   | s04    |
|    | .....uuuug <u>uucgucgucgaacgc</u> agA.....  | 2     | 1   | s04    |

## Star

## Mature

aaacuuacaauagccugcguugcagacgaacaagaccccgcuauucgggcuuuugucgucugcaacgcaggccaaacuaacaagagaauagauaaauuuagauuuuu

|                                   |     |   |     |
|-----------------------------------|-----|---|-----|
| .....uugcagacgaacaaAaccccgC.....  | 1   | 1 | s08 |
| .....uuuugucgucugcaacgc.....      | 2   | 0 | s08 |
| .....uuuugucgucugcaacgca.....     | 2   | 0 | s08 |
| .....uuguucgucugUaacgcagg.....    | 1   | 1 | s08 |
| .....uuuugucgucugcaacU.....       | 1   | 1 | s03 |
| .....uuuugucgucugcaacgca.....     | 7   | 0 | s03 |
| .....uuuugucgucugcaacgcU.....     | 4   | 1 | s03 |
| .....uuuugucgucugcaacgcagU.....   | 2   | 1 | s03 |
| .....uuuugucgucugcaacgcaggA.....  | 1   | 1 | s03 |
| .....uuuugucgucugcaacgca.....     | 2   | 0 | s03 |
| .....uuuugucgucugcaacA.....       | 1   | 1 | s06 |
| .....uuuugucgucugcaacU.....       | 10  | 1 | s06 |
| .....uuuugucgucugcaacg.....       | 2   | 0 | s06 |
| .....uuuugucgucugcaacgc.....      | 6   | 0 | s06 |
| .....uuuugucgucugcaacgca.....     | 13  | 0 | s06 |
| .....uuuugucgucugcaacgAa.....     | 1   | 1 | s06 |
| .....uuuugucgucugcaacgcC.....     | 1   | 1 | s06 |
| .....uuuugCucgucugcaacgca.....    | 1   | 1 | s06 |
| .....uuuugucgucugcaacgcU.....     | 1   | 1 | s06 |
| .....uuuugucgucuaAcaacgca.....    | 1   | 1 | s06 |
| .....uuuugucgucugcaacgcagA.....   | 4   | 1 | s06 |
| .....uuuugucgucugcaacgcagU.....   | 3   | 1 | s06 |
| .....uuuugucgucugcaCcgcagg.....   | 1   | 1 | s06 |
| .....uuuugucgucugcaacgcagg.....   | 30  | 0 | s06 |
| .....uuuugucgucugcaacgcaggA.....  | 7   | 1 | s06 |
| .....uuguucgucugUaacgcagg.....    | 1   | 1 | s06 |
| .....uguucgucugUaacgcagg.....     | 2   | 1 | s06 |
| .....uguucgucugcaacgcagA.....     | 3   | 1 | s06 |
| .....uugcagacgaacaaAaccccgC.....  | 2   | 1 | s11 |
| .....uuuugucgucugcaacgca.....     | 1   | 0 | s11 |
| .....ugcguugcagacgaacaagaccc..... | 1   | 0 | s02 |
| .....uugcagacgaacaagacccA.....    | 1   | 1 | s02 |
| .....uugcagacgaacaaAaccccgC.....  | 4   | 1 | s02 |
| .....cagacgaacaaAaccccgC.....     | 1   | 1 | s02 |
| .....uuuugucgucugcaacU.....       | 17  | 1 | s02 |
| .....uuuugucgucugcaacA.....       | 8   | 1 | s02 |
| .....uuuugucgucugcaacg.....       | 10  | 0 | s02 |
| .....uuuugucgucugcaacgc.....      | 29  | 0 | s02 |
| .....uuuugucgucugUaacgca.....     | 3   | 1 | s02 |
| .....uuuugucgucugGaacgca.....     | 1   | 1 | s02 |
| .....uuuugucgucugcaacgcU.....     | 12  | 1 | s02 |
| .....uuuugucgucugcaacgGa.....     | 3   | 1 | s02 |
| .....uuuugucgucugcaacgca.....     | 144 | 0 | s02 |
| .....uuuugucgucugcaacAca.....     | 61  | 1 | s02 |
| .....uuuugucgucugcaacgcag.....    | 5   | 0 | s02 |
| .....uuuugucgucugcaacgcaU.....    | 6   | 1 | s02 |
| .....uuuugucgucugcaacgcaA.....    | 1   | 1 | s02 |
| .....uuuugucgucugcaacgcagU.....   | 1   | 1 | s02 |
| .....uuuugucgucugcaacgcagA.....   | 13  | 1 | s02 |
| .....uuuugucgucugcaacgcagg.....   | 118 | 0 | s02 |
| .....uuuugucgucugcaacgcaggA.....  | 13  | 1 | s02 |
| .....uuuugucgucugcaacgcaggU.....  | 1   | 1 | s02 |
| .....uuuugucgucugcaacgc.....      | 1   | 0 | s02 |
| .....uuuugucgucugcaacgcU.....     | 1   | 1 | s02 |
| .....uuuugucgucugcaacgcC.....     | 2   | 1 | s02 |
| .....uuuugucgucugcaacgca.....     | 3   | 0 | s02 |
| .....uuuugucgucugcaacgcag.....    | 1   | 0 | s02 |
| .....uuuugucgucugcaacgcaU.....    | 1   | 1 | s02 |
| .....uuuugucgucugcaacgcagg.....   | 1   | 0 | s02 |
| .....uuuugucgucugcaacgcaA.....    | 2   | 1 | s02 |
| .....uuuugucgucugcaacgcagg.....   | 2   | 0 | s02 |
| .....uuuugucgucugcaacUcaggcc..... | 1   | 1 | s02 |
| .....uuuugucgucugcaacg.....       | 3   | 0 | s18 |
| .....uuuugucgucugcaacgc.....      | 2   | 0 | s18 |

## Star

## Mature

aaacuuacaauagccugcgugcagacgaacaagaccccgcuauuuccgggcuuuuugucgucugcaacgcaggccaaacuaacaagagauagauuuuuuagauuuuu

|                        |    |   |     |
|------------------------|----|---|-----|
| uuuugucgucugcaacgA     | 1  | 1 | s18 |
| uuuugucgucugcaacgca    | 3  | 0 | s18 |
| uuuugucgucugcaacgcagg  | 1  | 0 | s18 |
| uuuugucgucugcaacgcaggA | 1  | 0 | s18 |
| uuuugucgucugcaacgcaggA | 2  | 1 | s18 |
| uuuugucgucugcaacgca    | 1  | 0 | s18 |
| uuuugucgucugcaacg      | 1  | 0 | s05 |
| uugcagacgaacaagacccA   | 1  | 1 | s13 |
| gcuuuuugucgucugUaacg   | 1  | 1 | s13 |
| uuuugucgucugcaacgca    | 1  | 0 | s13 |
| uuuugucgucugUaacgcagg  | 1  | 1 | s13 |
| uugcagacgaacaagaccccgG | 1  | 1 | s12 |
| uugcagacgaacaaAaccccgC | 1  | 1 | s12 |
| uuuugucgucugcaacg      | 3  | 0 | s12 |
| uuuugucgucugcaacU      | 15 | 1 | s12 |
| uuuugucgucugcaacA      | 3  | 1 | s12 |
| uuuugucgucugcaacgG     | 2  | 1 | s12 |
| uuuugucgucugcaacgc     | 3  | 0 | s12 |
| uuuugucgucugUaacgca    | 1  | 1 | s12 |
| uuuugucgucugcaacgca    | 7  | 0 | s12 |
| uuuugucgucugcaacgcU    | 4  | 1 | s12 |
| uuuugucgucugcaacgcaggU | 2  | 1 | s12 |
| uuuugucgucugcaacgca    | 2  | 0 | s12 |
| uuuugucgucugcaacg      | 2  | 0 | s14 |
| uuuugucgucugcaacgc     | 1  | 0 | s14 |
| uuuugucgucugcaacgca    | 3  | 0 | s14 |
| uuuugucgucugcaacgcagg  | 6  | 0 | s14 |
| uuuugucgucugcaacgcaggA | 1  | 1 | s14 |
| uuuugucgucugcaacgcga   | 2  | 0 | s14 |
| uuuugucgucugcaacU      | 11 | 1 | s19 |
| uuuugucgucugcaacA      | 5  | 1 | s19 |
| uuuugucgucugcaacg      | 3  | 0 | s19 |
| uuuugucgucugcaacAc     | 1  | 1 | s19 |
| uuuugucgucugcaacgc     | 2  | 0 | s19 |
| uuuugucgucugcaacUc     | 1  | 1 | s19 |
| uuuugucgucugcaacAca    | 3  | 1 | s19 |
| uuuugucgucugcaacgGa    | 4  | 1 | s19 |
| uuuugucgucugcaacgca    | 21 | 0 | s19 |
| uuuugucgucugcaacgcagg  | 6  | 0 | s19 |
| uuuugucgucugcaacgcaggA | 3  | 1 | s19 |
| uuuugucgucugcaacgc     | 3  | 0 | s19 |
| uugcagacgaacaagaccccg  | 1  | 0 | s10 |
| uuuugucgucugcaacg      | 5  | 0 | s10 |
| uuuugucgucugcaacA      | 3  | 1 | s10 |
| uuuugucgucugcaacU      | 15 | 1 | s10 |
| uuuugucgucugcaacgc     | 8  | 0 | s10 |
| uuuugucgucugcaacUc     | 1  | 1 | s10 |
| uuuugucgucugcaacgA     | 1  | 1 | s10 |
| uuuugucgucugcaacgcC    | 1  | 1 | s10 |
| uuuugucgucugcaacgcU    | 10 | 1 | s10 |
| uuuugucgucugcaacgca    | 13 | 0 | s10 |
| uuuugucgucugcaacgcaC   | 1  | 1 | s10 |
| uuuugucgucugcaacgcagg  | 1  | 0 | s10 |
| uuuugucgucugcaacgc     | 1  | 0 | s10 |
| uuuugucgucugcaacgcagg  | 2  | 0 | s10 |
| uuuugucgucugcaacg      | 1  | 0 | s17 |
| uuuugucgucugcaacgc     | 1  | 0 | s17 |
| uuuugucgucugcaacgcU    | 1  | 1 | s17 |
| uuuugucgucugUaacgc     | 1  | 1 | s17 |
| cagacgaacaaAaccccgC    | 1  | 1 | s01 |
| uuuugucgucugcaacU      | 5  | 1 | s01 |
| uuuugucgucugcaacgc     | 4  | 0 | s01 |

## Star

## Mature

aaacuuacaauagccugcguugcagacgaacaagacccgcuaauuccgggcuuuuuguucgucugcaacgcaggccaaacuaacaagagaauagauaaauuuuagauuuuu

|                                   |   |   |     |
|-----------------------------------|---|---|-----|
| .....uuuuuguucgucugcaacgca.....   | 8 | 0 | s01 |
| .....uuuugCucgucugcaacgca.....    | 1 | 1 | s01 |
| .....uuuuuguucgucugcaacgcU.....   | 3 | 1 | s01 |
| .....uuuuuguucgucugUaacgca.....   | 1 | 1 | s01 |
| .....uuuuuguucgucugcaacgcagg..... | 1 | 0 | s01 |
| .....uuuuguucgucugUaacgca.....    | 2 | 1 | s01 |
| .....uuuguucgucugcaacgcagU.....   | 1 | 1 | s01 |