



| 5' | aguuuuucccuuuucuaagacaugcagacgaacaaaaccccgguuuuuuuugucgucugcaacgcaggcuagacugauagagaucaagguguuuauacuggacagaaaucc  | -3'   | obs |        |
|----|--|-------|-----|--------|
|    | aguuuuuucccuuuucuaagacaugcagacgaacaaaaccccgguuuuuuuugucgucugcaacgcaggcuagacugauagagaucaagguguuuauacuggacagaaaucc |       | exp |        |
|    | .....((((((.....((((((((((((((((((((.....)))))))))))))))).....))))))((((((((.....)))))).((((((((.....)))))))).   | reads | mm  | sample |
|    | .....cagacgaacaaaaccccggu.....   | 2     | 0   | s08    |
|    | .....cagacgaacaaaaccc.....uuuuguucgucugcaacgc.....   | 2     | 0   | s08    |
|    | .....uuuuguucgucugcaacgcga.....  | 2     | 0   | s08    |
|    | .....uuuguucgucugUaacgcagg.....  | 1     | 1   | s08    |
|    | .....Gugcagacgaacaaaaccccggu.....  | 1     | 1   | s04    |
|    | .....uuuuguucgucugcaacU.....   | 1     | 1   | s04    |
|    | .....uuuuguucgucugcaacgc.....  | 1     | 0   | s04    |
|    | .....uuuuguucgucugcaacgcga.....  | 1     | 0   | s04    |
|    | .....uuuuguucgucugcaacgcagg.....   | 1     | 0   | s04    |
|    | .....uuuuguucgucugcaacgcaggA.....  | 2     | 1   | s04    |
|    | .....gcagacgaacaaaaccccggu.....  | 2     | 0   | s09    |
|    | .....cagacgaacaaaaccccggu.....   | 1     | 0   | s09    |
|    | .....uuuuguucgucugcaacU.....   | 22    | 1   | s09    |
|    | .....uuuuguucgucugcaacA.....   | 4     | 1   | s09    |
|    | .....uuuuguucgucugcaacgcU.....   | 1     | 1   | s09    |
|    | .....uuuuguucgucugcaacgcga.....  | 2     | 0   | s09    |
|    | .....uguucgucugcaacgcagg.....  | 1     | 0   | s09    |
|    | .....augcagacgaacaaaacccA.....   | 1     | 1   | s07    |
|    | .....ugcagacgaacaaaaccc.....   | 2     | 0   | s07    |
|    | .....Agcagacgaacaaaacccc.....  | 1     | 1   | s07    |
|    | .....ugcagacgaacaaaaccccgguu.....  | 2     | 0   | s07    |
|    | .....cagacgaacaaaaccccggu.....   | 1     | 0   | s07    |
|    | .....uuuuguucgucugcaacU.....   | 11    | 1   | s07    |
|    | .....uuuuguucgucugcaacg.....   | 4     | 0   | s07    |
|    | .....uuuuguucgucugcaacA.....   | 4     | 1   | s07    |
|    | .....uuuuguucgucugcaacUc.....  | 1     | 1   | s07    |
|    | .....uuuugCucgucugcaacgc.....  | 1     | 1   | s07    |
|    | .....uuuuguucgucugcaacgc.....  | 10    | 0   | s07    |
|    | .....uuuuguucgucugcaacgG.....  | 1     | 1   | s07    |
|    | .....uuuuguucgucugcaacgcga.....  | 28    | 0   | s07    |

## Mature

[illegible]

## Star

## Mature

|  |    |   |     |
|--|----|---|-----|
| aguuuuuuuuuuuuuagacaugcagacgaacaaaacccccgguauuuugnuucgucugcaacgcaggcuagacugauagagauagguguuuauacuggacagaaaucc |    |   |     |
| .....ugcagacgaacaaaacccccgg.....   | 6  | 0 | s12 |
| .....ugcagacgaacaaaacccccgg.....   | 6  | 0 | s12 |
| .....gcagacgaacaaaacccccgg.....  | 2  | 0 | s12 |
| .....agacgaacaaaacccccgg.....  | 1  | 0 | s12 |
| .....uuuugnuucgucugcaacA.....  | 3  | 1 | s12 |
| .....uuuugnuucgucugcaacU.....  | 15 | 1 | s12 |
| .....uuuugnuucgucugcaacg.....  | 3  | 0 | s12 |
| .....cagacgaacaaaacccccgg.....   | 2  | 1 | s12 |
| .....uuuugnuucgucugcaacgc.....   | 3  | 0 | s12 |
| .....uuuugnuucgucugcaacgcU.....  | 4  | 1 | s12 |
| .....uuuugnuucgucugcaacgca.....  | 7  | 0 | s12 |
| .....uuuugnuucgucugUaacgca.....  | 1  | 1 | s12 |
| .....uuuugnuucgucugcaacgcagU.....  | 2  | 1 | s12 |
| .....uuuugnuucgucugcaacgcaggcu.....  | 1  | 0 | s12 |
| .....uugnuucgucugcaacgca.....  | 2  | 0 | s12 |
| .....Gugcagacgaacaaaacccccgg.....  | 1  | 1 | s13 |
| .....ugcagacgaacaaaacccccg.....  | 3  | 0 | s13 |
| .....ugcagacgaacaaaacccccgg.....   | 3  | 0 | s13 |
| .....ugcagacgaacaaaacccccgg.....   | 1  | 0 | s13 |
| .....uuuugnuucgucugcaacgca.....  | 1  | 0 | s13 |
| .....uugnuucgucugUaacgcagg.....  | 1  | 1 | s13 |
| .....ugcagacgaacaaaacccc.....  | 1  | 0 | s01 |
| .....ugcagacgaacaaaacccc.....  | 1  | 0 | s01 |
| .....cagacgaacaaaacccccgg.....   | 3  | 0 | s01 |
| .....cagacgaacaaaacccccgc.....   | 1  | 1 | s01 |
| .....cagacgaacaaaacccccgg.....   | 1  | 0 | s01 |
| .....uuuugnuucgucugcaacU.....  | 5  | 1 | s01 |
| .....uuuugnuucgucugcaacgc.....   | 4  | 0 | s01 |
| .....uuuugnuucgucugcaacgcU.....  | 3  | 1 | s01 |
| .....uuuugCucgucugcaacgca.....   | 1  | 1 | s01 |
| .....uuuugnuucgucugUaacgca.....  | 1  | 1 | s01 |
| .....uuuugnuucgucugcaacgca.....  | 8  | 0 | s01 |
| .....uuuugnuucgucugcaacgcagg.....  | 1  | 0 | s01 |
| .....uuuugnuucgucugUaacgca.....  | 2  | 1 | s01 |
| .....uuuugnuucgucugcaacgcagU.....  | 1  | 1 | s01 |
| .....ugcagacgaacaaaacccccgg.....   | 2  | 0 | s17 |
| .....ugcagacgaacaaaacccccgg.....   | 2  | 0 | s17 |
| .....cagacgaacaaaacccccg.....  | 1  | 0 | s17 |
| .....uuuugnuucgucugcaacg.....  | 1  | 0 | s17 |
| .....uuuugnuucgucugcaacgc.....   | 1  | 0 | s17 |
| .....uuuugnuucgucugcaacgcU.....  | 1  | 1 | s17 |
| .....uuuugnuucgucugUaacgc.....   | 1  | 1 | s17 |
| .....ugcagacgaacaaaacccc.....  | 4  | 0 | s10 |
| .....ugcagacgaacaaaacccccgg.....   | 1  | 0 | s10 |
| .....gcagacgaacaaaacccc.....   | 2  | 0 | s10 |
| .....cagacgaacaaaacccccgg.....   | 2  | 0 | s10 |
| .....uuuugnuucgucugcaacgca.....  | 2  | 0 | s10 |
| .....uuuugnuucgucugcaacA.....  | 3  | 1 | s10 |
| .....uuuugnuucgucugcaacU.....  | 15 | 1 | s10 |
| .....uuuugnuucgucugcaacg.....  | 5  | 0 | s10 |
| .....uuuugnuucgucugcaacUc.....   | 1  | 1 | s10 |
| .....uuuugnuucgucugcaacgA.....   | 1  | 1 | s10 |
| .....uuuugnuucgucugcaacgc.....   | 8  | 0 | s10 |
| .....uuuugnuucgucugcaacgca.....  | 13 | 0 | s10 |
| .....uuuugnuucgucugcaacgcC.....  | 1  | 1 | s10 |
| .....uuuugnuucgucugcaacgcU.....  | 10 | 1 | s10 |
| .....uuuugnuucgucugcaacgcaC.....   | 1  | 1 | s10 |
| .....uuuugnuucgucugcaacgcagg.....  | 1  | 0 | s10 |
| .....uuuugnuucgucugcaacgc.....   | 1  | 0 | s10 |
| .....uugnuucgucugcaacgcagg.....  | 2  | 0 | s10 |
| .....augcagacgaacaaaAcc.....   | 1  | 1 | s02 |
| .....augcagacgaacaaaaccccA.....  | 2  | 1 | s02 |
| .....augcagacgaacaaaacccccgg.....  | 2  | 0 | s02 |
| .....augcagacgaacaaaacccccgg.....  | 1  | 0 | s02 |
| .....Gugcagacgaacaaaacccccgg.....  | 1  | 1 | s02 |

## Star

## Mature

|   |     |   |     |
|---|-----|---|-----|
| aguuuuuuccuuuucuagacaugcagacgaacaaaaccccgguuuuuuguuuugcugcugcaaacgcaggcuagacugauagagaucaagguguuuauacuggacagaaaucc |     |   |     |
| .....ugcagacgaacaaaacccc.....   | 1   | 0 | s02 |
| .....ugcagacgaacaaaaccccg.....  | 3   | 0 | s02 |
| .....ugcagacgaacaaaaccccg.....  | 2   | 0 | s02 |
| .....cagacgaacaaaaccccgC.....   | 1   | 1 | s02 |
| .....cagacgaacaaaaccccggu.....  | 3   | 0 | s02 |
| .....uuuuguuuugcugcugcaaacg.....  | 10  | 0 | s02 |
| .....uuuuguuuugcugcugcaaacA.....  | 8   | 1 | s02 |
| .....uuuuguuuugcugcugcaaacU.....  | 17  | 1 | s02 |
| .....uuuuguuuugcugcugcaaacgc.....   | 29  | 0 | s02 |
| .....uuuuguuuugcugcugcaaacgca.....  | 144 | 0 | s02 |
| .....uuuuguuuugcugcugcaaacgcU.....  | 12  | 1 | s02 |
| .....uuuuguuuugcugcugcaaacAca.....  | 61  | 1 | s02 |
| .....uuuuguuuugcugcugcaaacgGa.....  | 3   | 1 | s02 |
| .....uuuuguuuugcugcugUaacgca.....   | 3   | 1 | s02 |
| .....uuuuguuuugcugcugGaacgca.....   | 1   | 1 | s02 |
| .....uuuuguuuugcugcugcaaacgcag.....   | 5   | 0 | s02 |
| .....uuuuguuuugcugcugcaaacgcaA.....   | 1   | 1 | s02 |
| .....uuuuguuuugcugcugcaaacgcU.....  | 6   | 1 | s02 |
| .....uuuuguuuugcugcugcaaacgcagg.....  | 118 | 0 | s02 |
| .....uuuuguuuugcugcugcaaacgcagA.....  | 13  | 1 | s02 |
| .....uuuuguuuugcugcugcaaacgcagU.....  | 1   | 1 | s02 |
| .....uuuuguuuugcugcugcaaacgcaggA.....   | 13  | 1 | s02 |
| .....uuuuguuuugcugcugcaaacgcaggU.....   | 1   | 1 | s02 |
| .....uuuuguuuugcugcugcaaacgc.....   | 1   | 0 | s02 |
| .....uuuuguuuugcugcugcaaacgcU.....  | 1   | 1 | s02 |
| .....uuuuguuuugcugcugcaaacgcC.....  | 2   | 1 | s02 |
| .....uuuuguuuugcugcugcaaacgca.....  | 3   | 0 | s02 |
| .....uuuuguuuugcugcugcaaacgcag.....   | 1   | 0 | s02 |
| .....uuuuguuuugcugcugcaaacgcaU.....   | 1   | 1 | s02 |
| .....uuuuguuuugcugcugcaaacgcagg.....  | 1   | 0 | s02 |
| .....uuuuguuuugcugcugcaaacgcaA.....   | 2   | 1 | s02 |
| .....uuuuguuuugcugcugcaaacgcagg.....  | 2   | 0 | s02 |
| .....uuuuguuuugcugcugcaaacgca.....  | 1   | 0 | s11 |
| .....ugcagacgaacaaaacccc.....   | 1   | 0 | s05 |
| .....ugcagacgaacaaaaccccg.....  | 2   | 0 | s05 |
| .....uuuuguuuugcugcugcaaacg.....  | 1   | 0 | s05 |
| .....uuuuguuuugcugcugcaaacg.....  | 3   | 0 | s18 |
| .....uuuuguuuugcugcugcaaacgA.....   | 1   | 1 | s18 |
| .....uuuuguuuugcugcugcaaacgc.....   | 2   | 0 | s18 |
| .....uuuuguuuugcugcugcaaacgca.....  | 3   | 0 | s18 |
| .....uuuuguuuugcugcugcaaacgcag.....   | 1   | 0 | s18 |
| .....uuuuguuuugcugcugcaaacgcagg.....  | 1   | 0 | s18 |
| .....uuuuguuuugcugcugcaaacgcaggA.....   | 2   | 1 | s18 |
| .....uuuuguuuugcugcugcaaacgca.....  | 1   | 0 | s18 |