



Star

|     |  | -3'   | obs |        |
|-----|--|-------|-----|--------|
|     |  |       | exp |        |
|     |  | reads | mm  | sample |
| 5 - | ggaguuauugauuagggagcacccuagaa <u>uuguuuauucugcaugaucuaucgaagcggugugccaugauuccagugucuugcggguaggagaga</u> agaacccuugucauacacuu |       |     |        |
|     | ggaguuauugauuagggagcacccuagaa <u>uuguuuauucugcaugaucuaucgaagcggugugccaugauuccagugucuugcggguaggagaga</u> gaacccuugucauacacuu  |       |     |        |
|     | .(((((((((((.(((((.(. . . . .(((.(((((((((((.(((((((((((.(((((.(. . . . .)))..)).)))..)))..)))..)))..)))..)))..)))..)))      |       |     |        |
|     | . . . . .auuguuaucugcaugaucua. . . . .   | 2     | 0   | s85    |
|     | . . . . .Auguuauucugcaugaucua. . . . .   | 21    | 1   | s85    |
|     | . . . . .Auguuauucugcaugaucuaucgaag. . . . .   | 1     | 1   | s85    |
|     | . . . . .Auguuauucugcaugaucuaucgaagcgggu. . . . .  | 1     | 1   | s85    |
|     | . . . . .uguuCucugcaugaucua. . . . .   | 1     | 1   | s85    |
|     | . . . . .ugcaugaucuaAgaagcggugugccaug. . . . .   | 1     | 1   | s85    |
|     | . . . . .aucgaagcggugugccaugauucca. . . . .  | 2     | 0   | s85    |
|     | . . . . .Augccaugauuccagugucuugcggguagg. . . . .   | 1     | 1   | s85    |
|     | . . . . .auuguuaucugcaugaucua. . . . .   | 7     | 0   | s35    |
|     | . . . . .auuguuaucugcaugaucuaucgaag. . . . .   | 1     | 0   | s35    |
|     | . . . . .auuguuaucugcaugaucuaucgaagcgg. . . . .  | 1     | 0   | s35    |
|     | . . . . .auuguuaucugcaugaucuaucgaagcgggu. . . . .  | 1     | 0   | s35    |
|     | . . . . .uuguuaucugcaugaucua. . . . .  | 1     | 0   | s35    |
|     | . . . . .Auguuauucugcaugaucua. . . . .   | 109   | 1   | s35    |
|     | . . . . .Auguuauucugcaugaucuaucgaagcgg. . . . .  | 1     | 1   | s35    |
|     | . . . . .Auguuauucugcaugaucuaucgaagcgggu. . . . .  | 1     | 1   | s35    |
|     | . . . . .uguuauucugcaugaucua. . . . .  | 10    | 0   | s35    |
|     | . . . . .uguuauucugcaugGucua. . . . .  | 1     | 1   | s35    |
|     | . . . . .Auaucugcaugaucuaucgaagcggugugc. . . . .   | 1     | 1   | s35    |
|     | . . . . .aucugcaugaucuaucgaagcggugugcc. . . . .  | 2     | 0   | s35    |
|     | . . . . .aAcugcaugaucuaucgaagcggugugcc. . . . .  | 1     | 1   | s35    |
|     | . . . . .Acugcaugaucuaucgaag. . . . .  | 1     | 1   | s35    |
|     | . . . . .Augcaugaucuaucgaagcgggu. . . . .  | 1     | 1   | s35    |
|     | . . . . .aucgaagcggugugccaug. . . . .  | 1     | 0   | s35    |
|     | . . . . .Augccaugauuccagugucuugcggguagg. . . . .   | 1     | 1   | s35    |
|     | . . . . .Accaugauuccagugucuugc. . . . .  | 1     | 1   | s35    |
|     | . . . . .auuguuaucugcaugaucua. . . . .   | 10    | 0   | s23    |
|     | . . . . .auuguuaucugcaugaucuC. . . . .   | 1     | 1   | s23    |
|     | . . . . .auuguuaucugcaugaucuaucgaagcgg. . . . .  | 1     | 0   | s23    |
|     | . . . . .auuguuaucUcaugaucuaucgaagcgggu. . . . .   | 1     | 1   | s23    |
|     | . . . . .uuguuaucugcCugaucua. . . . .  | 1     | 1   | s23    |

## Mature

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|  |     |   |     |
|--|-----|---|-----|
| ggaguuugauuagggagcaccuagaa <u>uuguuauucugcaugaucuaucgaagcggugugccaugauuccagugucuugcggguaggaga</u> agaacccuugucaaacacuu |     |   |     |
| .....Auuguauucugcaugaucua.....   | 165 | 1 | s23 |
| .....uuguuauucugcaugaucua.....   | 1   | 0 | s23 |
| .....Auuguauucugcaugaucuaucgaag.....   | 3   | 1 | s23 |
| .....Auuguauucugcaugaucuaucgaagcgg.....  | 2   | 1 | s23 |
| .....Auuguauucugcaugaucuaucgaagcggug.....  | 1   | 1 | s23 |
| .....uguuCuucugcaugaucua.....  | 1   | 1 | s23 |
| .....Aguuauucugcaugaucua.....  | 2   | 1 | s23 |
| .....uguuauucugcaugaucua.....  | 11  | 0 | s23 |
| .....aucugcaugaucuaucgaagcggugugcc.....  | 1   | 0 | s23 |
| .....Augcaugaucuaucgaagcggugugccau.....  | 2   | 1 | s23 |
| .....caugaucuaucgaagcggugugcc.....   | 1   | 0 | s23 |
| .....augauuccagugucuugcggguaggaga.....   | 1   | 0 | s23 |
| .....auuguuauucugcaugaucua.....  | 7   | 0 | s52 |
| .....auuguuauucugcaugaucuaucgaagcgg.....   | 2   | 0 | s52 |
| .....uuguuauucugcaugaucua.....   | 1   | 0 | s52 |
| .....Auuguuauucugcaugaucua.....  | 171 | 1 | s52 |
| .....Auuguauucugcaugaucuaucgaagcgg.....  | 3   | 1 | s52 |
| .....Auuguauucugcaugaucuaucgaagcgggu.....  | 1   | 1 | s52 |
| .....Auuguauucugcaugaucuaucgaagcggug.....  | 2   | 1 | s52 |
| .....Aguuauucugcaugaucua.....  | 1   | 1 | s52 |
| .....uguuauucugcaugaucua.....  | 8   | 0 | s52 |
| .....aucugcaugaucuaucgaagcggugugc.....   | 1   | 0 | s52 |
| .....Augaucuaucgaagcggug.....  | 1   | 1 | s52 |
| .....Agaagcggugugccauga.....   | 1   | 1 | s52 |
| .....Augccaugauuccagugucuugc.....  | 2   | 1 | s52 |
| .....Augccaugauuccagugucuugcgggu.....  | 1   | 1 | s52 |
| .....Augccaugauuccagugucuugcggguagg.....   | 2   | 1 | s52 |
| .....auuguuauucugcaugaucua.....  | 8   | 0 | s60 |
| .....Auuguauucugcaugaucua.....   | 69  | 1 | s60 |
| .....Auuguauucugcaugaucuaucgaag.....   | 1   | 1 | s60 |
| .....uguuauucugcaugaucua.....  | 3   | 0 | s60 |
| .....uuauucugcaugaucuaucgaagcCgu.....  | 1   | 1 | s60 |
| .....Augcaugaucuaucgaagcgg.....  | 1   | 1 | s60 |
| .....Augcaugaucuaucgaagcggugugccaug.....   | 2   | 1 | s60 |
| .....auuguuauucugcaugaucua.....  | 5   | 0 | s13 |
| .....Auuguuauucugcaugaucua.....  | 135 | 1 | s13 |
| .....Auuguuauucugcaugaucuaucgaagcgggu.....   | 1   | 1 | s13 |
| .....Auuguuauucugcaugaucuaucgaagcggug.....   | 1   | 1 | s13 |
| .....uguuCuucugcaugaucua.....  | 1   | 1 | s13 |
| .....uguuCuucugcaugaucua.....  | 1   | 1 | s13 |
| .....uguuauucugcaugaucua.....  | 4   | 0 | s13 |
| .....aucugcaugaucuaucgaagcggugu.....   | 1   | 0 | s13 |
| .....Augaucuaucgaagcggugu.....   | 1   | 1 | s13 |
| .....agugucuugcggguaggaga.....   | 3   | 0 | s13 |
| .....auuguuauucugcaugaucuaucgaagcgg.....   | 1   | 0 | s09 |
| .....auuguuauucugcaugaucuaucgaagcgggu.....   | 1   | 0 | s09 |
| .....Auuguuauucugcaugaucua.....  | 48  | 1 | s09 |
| .....Auuguuauucugcaugaucuaucgaagcgggu.....   | 1   | 1 | s09 |
| .....uguuauucugcaugaucua.....  | 5   | 0 | s09 |
| .....Aguuauucugcaugaucua.....  | 2   | 1 | s09 |
| .....Auuaucugcaugaucuaucgaagcggug.....   | 2   | 1 | s09 |
| .....Auauucugcaugaucuaucgaagcggugugc.....  | 1   | 1 | s09 |
| .....Augcaugaucuaucgaagcggugugccau.....  | 2   | 1 | s09 |
| .....ugcaugaucuaucgaagcggugugccau.....   | 1   | 0 | s09 |
| .....Augccaugauuccagugucuugcggguagg.....   | 1   | 1 | s09 |
| .....Augcaugaucuaucgaagcggugugccaug.....   | 1   | 1 | s86 |
| .....auuguuauucugcaugaucua.....  | 2   | 0 | s72 |
| .....auuguuauucugcaugaucuaucgaagcgg.....   | 1   | 0 | s72 |
| .....auuguuauucugcaugaucuaucgaagcgggu.....   | 1   | 0 | s72 |
| .....Auuguuauucugcaugaucua.....  | 18  | 1 | s72 |
| .....Auuguuauucugcaugaucuaucgaagcgg.....   | 1   | 1 | s72 |
| .....Auuguuauucugcaugaucuaucgaagcggug.....   | 1   | 1 | s72 |
| .....uguuauucugcaugaucua.....  | 1   | 0 | s72 |
| .....Augccaugauuccagugucuugcgggu.....  | 1   | 1 | s72 |

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ggaguuugauuagggagcaccuagaauguuaucugcaugaucuaucgaagcggugugccaugauuccagugucuugcggguaggagaagaaccugucaaucacuu