



## Mature

|    |   |       |     |        |
|----|---|-------|-----|--------|
| 5' | auguaacugcggaagcaaagguuaaaucucucagcagguaa <u>uuuacuaaucuuccagcagua</u> ua <u>uucacua</u> ua <u>uacuguuaggagauuagugaa</u> uaa <u>aucuguu</u> aaguucaucacag | -3'   | obs |        |
|    | auguaacugcggaagcaaagguuaaaucucucagcagguaa <u>uuuacuaaucuuccagcagua</u> ua <u>uucacua</u> ua <u>uacuguuaggagauuagugaa</u> uaa <u>aucuguu</u> aaguucaucacag |       | exp |        |
|    | .....(((.(((((((((.....)))))).(((((((.(((((((((((((((.((((((((((((.....)))))))))).)))))))))))))).)))))).))  | reads | mm  | sample |
|    | .....uuuacuaaucCuccagcaguaa.....  | 1     | 1   | s06    |
|    | .....uuuacuaaucuuccagcaguaa.....  | 3     | 0   | s06    |
|    | .....uacuguuaggagauuagu.....  | 4     | 0   | s06    |
|    | .....uacuguuaggagauuaguga.....  | 1     | 0   | s06    |
|    | .....uacuguuaggagauuagugaa.....   | 1     | 0   | s06    |
|    | .....Aacuguuaggagauuagugaa.....   | 1     | 1   | s06    |
|    | .....uacuguuaggagauuagugaaC.....  | 2     | 1   | s06    |
|    | .....uacuguuaggagauuagugaa.....   | 81    | 0   | s06    |
|    | .....uacuguuaggagauuagugau.....   | 1     | 1   | s06    |
|    | .....Cacuguuaggagauuagugaa.....   | 1     | 1   | s06    |
|    | .....uacuguaaggagauuagugaa.....   | 1     | 1   | s06    |
|    | .....uacuguuGggagauuagugaa.....   | 2     | 1   | s06    |
|    | .....Aacuguuaggagauuagugaa.....   | 1     | 1   | s06    |
|    | .....uacuguuaggagUuuagugaa.....   | 1     | 1   | s06    |
|    | .....uacuguuGggagauuagugaa.....   | 3     | 1   | s06    |
|    | .....uacuguuaggagauuagugGau.....  | 3     | 1   | s06    |
|    | .....uacuguuaggagauuagugaa.....   | 106   | 0   | s06    |
|    | .....uacuguuaggagauuagugaaC.....  | 2     | 1   | s06    |
|    | .....uacuguuaggagauuaUugaa.....   | 1     | 1   | s06    |
|    | .....uacuguCaggagauuagugaa.....   | 2     | 1   | s06    |
|    | .....uacuguuaggagauuagugaaU.....  | 1     | 1   | s06    |
|    | .....uacuguuaggagauuagugaa.....   | 1     | 0   | s06    |
|    | .....uacuguuaggagauuagugaaU.....  | 2     | 1   | s06    |
|    | .....auacuguuaggagauuagugaa.....  | 1     | 0   | s03    |
|    | .....uacuguuaggagauuagu.....  | 1     | 0   | s03    |
|    | .....uacuguuaggagauuaguga.....  | 2     | 0   | s03    |
|    | .....uacuguuaggagauuagugaa.....   | 1     | 0   | s03    |
|    | .....uacuguuaggagauuagugaU.....   | 1     | 1   | s03    |
|    | .....uacuguuaggagauuagugaaC.....  | 2     | 1   | s03    |
|    | .....uacuguuaggagauuagugaGu.....  | 1     | 1   | s03    |
|    | .....uacuguuaggagauuagugaa.....   | 56    | 0   | s03    |
|    | .....uGcuguuaggagauuagugaa.....   | 1     | 1   | s03    |

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| auguaacugcgagcaagguauaaucucucagcagguaauuuacuaa <u>uuccagc</u> aguuuuacacua <u>uacuguuaggagauuagugaa</u> uaa <u>uacuguu</u> aaguucaucacag |     |   |     |
| .....uacuguuaggagauuagugaa.....  | 150 | 0 | s03 |
| .....uacuguuaggagaGuagugaa.....  | 1   | 1 | s03 |
| .....uacuguuaggagauuagugaaGa.....  | 1   | 1 | s03 |
| .....uacuguuGggagauuagugaa.....  | 5   | 1 | s03 |
| .....uacuguuaggagauuagugaaCa.....  | 1   | 1 | s03 |
| .....uacuguAaggagauuagugaa.....  | 1   | 1 | s03 |
| .....Aacuguuaggagauuagugaa.....  | 3   | 1 | s03 |
| .....uacuguuaggagauuaUugaa.....  | 1   | 1 | s03 |
| .....uacuguuaggagaAaagugaa.....  | 1   | 1 | s03 |
| .....uacuguuaggagauuagugaaU.....   | 3   | 1 | s03 |
| .....uacuguuaggagauuagugaaUG.....  | 2   | 1 | s03 |
| .....uacuguuUGagauuagugaa.....   | 1   | 1 | s03 |
| .....uacuguuaggagauuagugaGua.....  | 1   | 1 | s03 |
| .....uacuguuaggagauuagugaaUC.....  | 1   | 1 | s03 |
| .....uacuguuaggagauuagugaaUU.....  | 4   | 1 | s03 |
| .....acuguuaggagauuagugaa.....   | 2   | 0 | s03 |
| .....uacuguuaggagauuagugaa.....  | 6   | 0 | s15 |
| .....uacuguuaggagaAaagugaa.....  | 1   | 1 | s15 |
| .....uacuguuaggagauuagugaa.....  | 9   | 0 | s15 |
| .....uacuguuaggagauuagugaaUU.....  | 1   | 1 | s15 |
| .....uacuguuaggagauuaguga.....   | 1   | 0 | s04 |
| .....uacuguuGggagauuagugaa.....  | 1   | 1 | s04 |
| .....uacuguuaggagauuagugaa.....  | 8   | 0 | s04 |
| .....uuuacuaGucuuccagcaguu.....  | 2   | 1 | s08 |
| .....uuuacuaa <u>uuccagc</u> aguu.....   | 3   | 0 | s08 |
| .....uacuguuaggagauuagC.....   | 2   | 1 | s08 |
| .....uacugCuaggagauuagu.....   | 1   | 1 | s08 |
| .....uacuguuaggagauuagu.....   | 17  | 0 | s08 |
| .....uacuguuaggagauuagug.....  | 7   | 0 | s08 |
| .....uacuguuaggagauuagugU.....   | 3   | 1 | s08 |
| .....uacuguuaggagauuaguga.....   | 5   | 0 | s08 |
| .....uacuguuGggagauuagugaa.....  | 1   | 1 | s08 |
| .....uacuguuaggagauuagugaU.....  | 1   | 1 | s08 |
| .....uacuguuaggagauuagugaa.....  | 2   | 0 | s08 |
| .....uacuguuaggGgauuagugaa.....  | 1   | 1 | s08 |
| .....uacuguuaggagauuagugaG.....  | 1   | 1 | s08 |
| .....uacuguuaggAauuagugaa.....   | 1   | 1 | s08 |
| .....uacuguuaggagauuagugaGu.....   | 2   | 1 | s08 |
| .....uacuguuaggagauuagugaUu.....   | 1   | 1 | s08 |
| .....uacuguuaggagauuagugaaC.....   | 8   | 1 | s08 |
| .....uGcuguuaggagauuagugaa.....  | 1   | 1 | s08 |
| .....uacuguuaggagauuagugaa.....  | 51  | 0 | s08 |
| .....uacuguuaggagauuagCgaaua.....  | 1   | 1 | s08 |
| .....uacuguuGggagauuagugaa.....  | 1   | 1 | s08 |
| .....Cacuguuaggagauuagugaa.....  | 2   | 1 | s08 |
| .....uacugCuaggagauuagugaa.....  | 2   | 1 | s08 |
| .....uacuguuaggagauuagugaaU.....   | 1   | 1 | s08 |
| .....uacuguAaggagauuagugaa.....  | 1   | 1 | s08 |
| .....uacuguuagAagauuagugaa.....  | 1   | 1 | s08 |
| .....uacuguuaggagauuagugaaC.....   | 1   | 1 | s08 |
| .....uacuguuGggagauuagugaa.....  | 3   | 1 | s08 |
| .....uacCGuuaggagauuagugaa.....  | 1   | 1 | s08 |
| .....uacuguuaggagauuagugaaGa.....  | 2   | 1 | s08 |
| .....uacuguuaggagauuagugaa.....  | 125 | 0 | s08 |
| .....uacuguuaggagauuagugaaUG.....  | 1   | 1 | s08 |
| .....uacuguuaggagauuagugaaAA.....  | 1   | 1 | s08 |
| .....acuguuaggagauuagugaa.....   | 1   | 0 | s08 |
| .....uuuacuaa <u>uuccagc</u> aguu.....   | 1   | 0 | s07 |
| .....uuuacuaa <u>uuccagc</u> aguu.....   | 2   | 0 | s07 |
| .....uuuacuaa <u>uuccagc</u> aguuC.....  | 1   | 1 | s07 |
| .....uuuacuaa <u>uuccagc</u> aguu.....   | 16  | 0 | s07 |
| .....uacuguuGggagauuagu.....   | 2   | 1 | s07 |
| .....Aacuguuaggagauuagu.....   | 2   | 1 | s07 |
| .....uaAuguuaggagauuagu.....   | 1   | 1 | s07 |
| .....uacuguuaggagauuagG.....   | 1   | 1 | s07 |
| .....uacuguuaggagauuagC.....   | 6   | 1 | s07 |

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|---|-----|---|-----|
| auguaacugcgaagcaaagguauaaucucucagcagguaauuuacuaa <u>uuccagc</u> aguuauuacacua <u>uacuguuaggagauuagugaa</u> uaucuguu <u>aagu</u> ucaucacag |     |   |     |
| .....uacuguuaggagauGagu.....  | 1   | 1 | s07 |
| .....uacuguuaggagauuagu.....  | 21  | 0 | s07 |
| .....uacuguuaggCGauuagu.....  | 1   | 1 | s07 |
| .....uacuguuaggagauuagug.....   | 2   | 0 | s07 |
| .....uacuguuaggagauuaguga.....  | 7   | 0 | s07 |
| .....uacuguuaggagauuagugaU.....   | 2   | 1 | s07 |
| .....Aacuguuaggagauuagugaa.....   | 3   | 1 | s07 |
| .....uacCguuaggagauuagugaa.....   | 2   | 1 | s07 |
| .....uacuguuaggagauuagugaa.....   | 118 | 0 | s07 |
| .....uacuguuGggagauuagugaa.....   | 1   | 1 | s07 |
| .....uacuguuaggagauuagugaaG.....  | 1   | 1 | s07 |
| .....uacuguuaggagauuagugaaA.....  | 2   | 1 | s07 |
| .....Cacuguuaggagauuagugaa.....   | 1   | 1 | s07 |
| .....uacuguuaggagauuagugaaC.....  | 23  | 1 | s07 |
| .....Cacuguuaggagauuagugaa.....   | 3   | 1 | s07 |
| .....Aacuguuaggagauuagugaa.....   | 6   | 1 | s07 |
| .....uGcuguuaggagauuagugaa.....   | 2   | 1 | s07 |
| .....uacuguuaggagGuuagugaa.....   | 1   | 1 | s07 |
| .....uacuguuaggagaGuagugaa.....   | 1   | 1 | s07 |
| .....uacuguuaggagauuUgugaa.....   | 3   | 1 | s07 |
| .....uacuguuaggagauuagugauU.....  | 1   | 1 | s07 |
| .....uacuguuaggagauuagCGaa.....   | 1   | 1 | s07 |
| .....uacuguuaggagauuGgugaa.....   | 2   | 1 | s07 |
| .....uacuguuaggagauuaguUaa.....   | 1   | 1 | s07 |
| .....uacuguuaggagauuagugaaC.....  | 1   | 1 | s07 |
| .....uacuguuaggagauuagugaa.....   | 212 | 0 | s07 |
| .....uacuguuagUagauuagugaa.....   | 1   | 1 | s07 |
| .....uacuguuaggagauuagugaaG.....  | 3   | 1 | s07 |
| .....uacuguuaggagauuagugaaGa.....   | 2   | 1 | s07 |
| .....uacuguuGggagauuagugaa.....   | 4   | 1 | s07 |
| .....uacCguuaggagauuagugaa.....   | 3   | 1 | s07 |
| .....uacugGuaggagauuagugaa.....   | 1   | 1 | s07 |
| .....uacuguuaggagauuagugaaU.....  | 3   | 1 | s07 |
| .....uacuguuaggagauuagugaaU.....  | 5   | 1 | s07 |
| .....uacuguuaggagauuagugaaC.....  | 1   | 1 | s07 |
| .....uacuguuaggagauuagugaaUu.....   | 2   | 1 | s07 |
| .....cuguuaggagauuagugaa.....   | 2   | 0 | s07 |
| .....uuuacuaa <u>uuccagc</u> a.....   | 2   | 0 | s09 |
| .....uuuacuaa <u>uuccagc</u> aguu.....  | 2   | 0 | s09 |
| .....uuuacuaa <u>uuccagc</u> aguau.....   | 1   | 0 | s09 |
| .....uacuguuaggagauuagu.....  | 2   | 0 | s09 |
| .....uacuguuGggagauuaguga.....  | 1   | 1 | s09 |
| .....Aacuguuaggagauuaguga.....  | 1   | 1 | s09 |
| .....uacuguuaggagauuaguga.....  | 4   | 0 | s09 |
| .....uacuguuaggagauuagugaU.....   | 2   | 1 | s09 |
| .....uacuguuaggagauuagugaaC.....  | 6   | 1 | s09 |
| .....uacuguuaggagauuagugaa.....   | 47  | 0 | s09 |
| .....uacuguuaggagaCuagugaa.....   | 1   | 1 | s09 |
| .....uacuguuGggagauuagugaa.....   | 1   | 1 | s09 |
| .....uacuAuuaggagauuagugaa.....   | 1   | 1 | s09 |
| .....uacuguuaggagauuagugGau.....  | 1   | 1 | s09 |
| .....Aacuguuaggagauuagugaa.....   | 2   | 1 | s09 |
| .....uacCguuaggagauuagugaa.....   | 1   | 1 | s09 |
| .....uacuguuaggagauuagugaa.....   | 100 | 0 | s09 |
| .....uacuguuaggagauuUgugaa.....   | 1   | 1 | s09 |
| .....uacuguuaggagauuGgugaa.....   | 1   | 1 | s09 |
| .....uacugCuaggagauuagugaa.....   | 3   | 1 | s09 |
| .....uacuguuaggagaCuagugaa.....   | 1   | 1 | s09 |
| .....uacuguuUggagauuagugaa.....   | 1   | 1 | s09 |
| .....uaAuguuaggagauuagugaa.....   | 1   | 1 | s09 |
| .....uacuguuaggagauuaguCa.....  | 1   | 1 | s09 |
| .....uacuAuuaggagauuagugaa.....   | 2   | 1 | s09 |
| .....uacuguuGggagauuagugaa.....   | 4   | 1 | s09 |
| .....uacuguuaggagauuagugaaU.....  | 3   | 1 | s09 |
| .....uacuguuaggagauuagCGaa.....   | 2   | 1 | s09 |
| .....uuuacuaa <u>uuccagc</u> aguau.....   | 1   | 0 | s16 |
| .....uacuguuaggagauuagu.....  | 1   | 0 | s16 |
| .....uacuguuaggagauuaguga.....  | 4   | 0 | s16 |

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| auguaacugcgaagcaaagguauaaucucucagcagguaauuuacuaaucuccagcaguuauuacacuaucuguuaggagauuagugaaauaacuguuaguucaucacag |    |   |     |
| .....uacuguuaggagauuagugaCu.....   | 1  | 1 | s16 |
| .....uacuguuaggagauuagugaUu.....   | 1  | 1 | s16 |
| .....uacuguuaggagauuagugaaU.....   | 38 | 0 | s16 |
| .....uacuguuGggagauuagugaaU.....   | 3  | 1 | s16 |
| .....uacuguuaggagauuagugaaC.....   | 6  | 1 | s16 |
| .....uacuguuaggagauuagugaaU.....   | 1  | 1 | s16 |
| .....uacuguuaggagauuGgugaaUa.....  | 1  | 1 | s16 |
| .....uacuguuaggagaCuagugaaUa.....  | 1  | 1 | s16 |
| .....uacuguuaggagauuagugaaUa.....  | 69 | 0 | s16 |
| .....uacuguuGggagauuagugaaUa.....  | 1  | 1 | s16 |
| .....uacuguuaggagauuagugaaU.....   | 1  | 1 | s16 |
| .....uuuacuaaucuccagcag.....   | 1  | 0 | s17 |
| .....uacuguuaggagauuagC.....   | 1  | 1 | s17 |
| .....uacuguuaggagauuagU.....   | 4  | 0 | s17 |
| .....uacuguuaggagauuaguga.....   | 2  | 0 | s17 |
| .....uacuguuaggagauuagugaa.....  | 1  | 0 | s17 |
| .....uacuguuaggagauuagugaaC.....   | 8  | 1 | s17 |
| .....uacuguuGggagauuagugaaU.....   | 2  | 1 | s17 |
| .....uacuguuaggagaCuagugaaU.....   | 1  | 1 | s17 |
| .....uacuguuaggagauuagugaaU.....   | 41 | 0 | s17 |
| .....uacuguuaggagauuGgugaaU.....   | 1  | 1 | s17 |
| .....uacuguuaggagauuagugaaUa.....  | 59 | 0 | s17 |
| .....AacuguuaggagauuagugaaUa.....  | 1  | 1 | s17 |
| .....uacuguuagUagauuagugaaUa.....  | 1  | 1 | s17 |
| .....uacuguuaggagauuagUaaua.....   | 1  | 1 | s17 |
| .....uacuguuaggagauuagugGaua.....  | 1  | 1 | s17 |
| .....uacugCuaggagauuagugaaUa.....  | 2  | 1 | s17 |
| .....uacuguuaggagauuagUaaua.....   | 1  | 1 | s17 |
| .....uuuacuaaucuccagcaguu.....   | 1  | 0 | s01 |
| .....uuuacuaaucuccagcaguuau.....   | 2  | 0 | s01 |
| .....uuuacuaaucuccagcaguuaua.....  | 2  | 0 | s01 |
| .....uacuguuaggagauuagU.....   | 7  | 0 | s01 |
| .....uacuguuaggagauuagugU.....   | 2  | 1 | s01 |
| .....uacuguuaggagauuaguga.....   | 3  | 0 | s01 |
| .....uacuguuaggagauuagugaaC.....   | 1  | 1 | s01 |
| .....uacuguuaggagauuagugGau.....   | 1  | 1 | s01 |
| .....uacuguuaggagauuagugaGu.....   | 2  | 1 | s01 |
| .....uacuguuGggagauuagugaaU.....   | 2  | 1 | s01 |
| .....uacuguuaggagauuagugaaU.....   | 17 | 0 | s01 |
| .....uacuguuGggagauuagugaaUa.....  | 2  | 1 | s01 |
| .....uacuguuaggagauuagGgaaua.....  | 1  | 1 | s01 |
| .....uacuguuaggagauuagugaaUa.....  | 32 | 0 | s01 |
| .....uuuacuaaucuccagcaguu.....   | 1  | 0 | s10 |
| .....uuuacuaaucuccagcaguuGu.....   | 1  | 1 | s10 |
| .....uuuacuaaucuccagcaguuaua.....  | 6  | 0 | s10 |
| .....uacuguuaggagauuagU.....   | 6  | 0 | s10 |
| .....uacGguuaggagauuagU.....   | 1  | 1 | s10 |
| .....uacuguuaggagauuagC.....   | 3  | 1 | s10 |
| .....uacuguuaggagauuAa.....  | 1  | 1 | s10 |
| .....uacuguuaggagauuaguga.....   | 6  | 0 | s10 |
| .....uacuguuaggagauuagugaa.....  | 1  | 0 | s10 |
| .....uacuguuaggagauuagugaaC.....   | 18 | 1 | s10 |
| .....uacuguuaggagauuGgugaaU.....   | 2  | 1 | s10 |
| .....uacuguAaggagauuagugaaU.....   | 1  | 1 | s10 |
| .....uacuguuaggagauuagugaGu.....   | 2  | 1 | s10 |
| .....uacuguuagAagauuagugaaU.....   | 3  | 1 | s10 |
| .....uacuguuaggagagaGuagugaaU.....   | 1  | 1 | s10 |
| .....uacuguuaggagauuUgugaaU.....   | 1  | 1 | s10 |
| .....AacuguuaggagauuagugaaU.....   | 4  | 1 | s10 |
| .....uacuguuaggGgauuagugaaU.....   | 1  | 1 | s10 |
| .....CacuguuaggagauuagugaaU.....   | 1  | 1 | s10 |
| .....uacuguuUgagauuagugaaU.....  | 1  | 1 | s10 |
| .....uacuguuaggagauuagugGau.....   | 1  | 1 | s10 |
| .....uacuguuaggagauuagugaaA.....   | 1  | 1 | s10 |
| .....uacuguuaggagauuagugaUu.....   | 2  | 1 | s10 |
| .....uacuguuaggagauuagugaaG.....   | 1  | 1 | s10 |
| .....uacuCuaggagauuagugaaU.....  | 1  | 1 | s10 |

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|--|-----|---|-----|
| auguaacugcgaagcaaagguauaaucucucagcagguaauuuacuaaucuccagcaguuuuacacua <u>uacuguuaggagauuagugaa</u> uaa <u>uacuguu</u> aaguucaucacag |     |   |     |
| .....uacuguGaggagauuagugaa.....  | 1   | 1 | s10 |
| .....uacuguuGggagauuagugaa.....  | 11  | 1 | s10 |
| .....uacuguuaggagauuagugaa.....  | 169 | 0 | s10 |
| .....uacuguuaggagCuuaugugaa.....   | 1   | 1 | s10 |
| .....uacuguuaggagauuagugaaAa.....  | 1   | 1 | s10 |
| .....uacuguuaggagauuGgugaaua.....  | 5   | 1 | s10 |
| .....uaUuguuaggagauuagugaaua.....  | 1   | 1 | s10 |
| .....uacuguuaggagauuagugaaUG.....  | 4   | 1 | s10 |
| .....uacuguuaggagauuagugUaua.....  | 1   | 1 | s10 |
| .....uacuguuaggUGauuagugaaua.....  | 1   | 1 | s10 |
| .....uacuguuaggGgauuagugaaua.....  | 3   | 1 | s10 |
| .....uacuguuGggagauuagugaaua.....  | 4   | 1 | s10 |
| .....uacuguuaggagauuagugaaUC.....  | 1   | 1 | s10 |
| .....uacuguuaggagauuagugGaua.....  | 2   | 1 | s10 |
| .....UGcuguuaggagauuagugaaua.....  | 1   | 1 | s10 |
| .....uacuguuaggagauuagugaaua.....  | 316 | 0 | s10 |
| .....uacuguuaggagGuuagugaaua.....  | 2   | 1 | s10 |
| .....Gacuguuaggagauuagugaaua.....  | 1   | 1 | s10 |
| .....uacuguuaggagauuagugaaCa.....  | 1   | 1 | s10 |
| .....uacuguuaggagauuagugaaGa.....  | 6   | 1 | s10 |
| .....uacGguuaggagauuagugaaua.....  | 2   | 1 | s10 |
| .....uacuguuaggagauuagugaaU.....   | 4   | 1 | s10 |
| .....Aacuguuaggagauuagugaaua.....  | 6   | 1 | s10 |
| .....uacuguuaggagauuagugaaUa.....  | 1   | 0 | s10 |
| .....uacuguuaggagauuagugaaU.....   | 6   | 1 | s10 |
| .....acuguuaggagauuagugaaC.....  | 1   | 1 | s10 |
| .....uuuacuaaucuccagcaguu.....   | 1   | 0 | s14 |
| .....uacuguuaggagauuagu.....   | 1   | 0 | s14 |
| .....uacuguuaggagauuaguga.....   | 1   | 0 | s14 |
| .....uacuguuaggagauuagugaa.....  | 10  | 0 | s14 |
| .....uacuguuGggagauuagugaa.....  | 1   | 1 | s14 |
| .....uacuguuaggagauuagugaaC.....   | 1   | 1 | s14 |
| .....uacCguuaggagauuagugaaua.....  | 1   | 1 | s14 |
| .....uacuguuaggagauuagugaaua.....  | 1   | 1 | s14 |
| .....uacuguuaggagauuaguUaaua.....  | 1   | 1 | s14 |
| .....uacuguuaggagauuagugaaua.....  | 36  | 0 | s14 |
| .....uuuacuaaucuccagcagC.....  | 1   | 1 | s19 |
| .....uuuacuaaucuccagcagu.....  | 2   | 0 | s19 |
| .....uuuacuaaucuccagcaguaua.....   | 2   | 0 | s19 |
| .....uacuguuaggagauuAa.....  | 2   | 1 | s19 |
| .....uacuguuaggagauuagA.....   | 1   | 1 | s19 |
| .....uacuguuaggagauuagu.....   | 11  | 0 | s19 |
| .....uacuguuaggagauuagC.....   | 2   | 1 | s19 |
| .....uacuguuaggagauuagCGa.....   | 1   | 1 | s19 |
| .....uacuguuagUagauuaguga.....   | 1   | 1 | s19 |
| .....uacuguuaggagauuaguga.....   | 3   | 0 | s19 |
| .....uacuguuaggagauuagugaa.....  | 3   | 0 | s19 |
| .....uacuguuaggagauuagugaU.....  | 4   | 1 | s19 |
| .....Aacuguuaggagauuagugaa.....  | 2   | 1 | s19 |
| .....uacuguuaggGgauuagugaa.....  | 1   | 1 | s19 |
| .....UGcuguuaggagauuagugaa.....  | 2   | 1 | s19 |
| .....uacuguuaggagauuagugaa.....  | 86  | 0 | s19 |
| .....Gacuguuaggagauuagugaa.....  | 1   | 1 | s19 |
| .....uacuguuaggagauuagugaaC.....   | 7   | 1 | s19 |
| .....uacuguuGggagauuagugaa.....  | 7   | 1 | s19 |
| .....uacuguuaggagauuagugaaA.....   | 2   | 1 | s19 |
| .....uacuguuaggagauuagugaaG.....   | 3   | 1 | s19 |
| .....uacuguuaggagauuagugaGu.....   | 5   | 1 | s19 |
| .....uacuguuaggagaGuagugaaua.....  | 1   | 1 | s19 |
| .....uacuguuaggagauuagCGaaua.....  | 2   | 1 | s19 |
| .....uacCguuaggagauuagugaaua.....  | 1   | 1 | s19 |
| .....uacuguuaggagauuagugaaGa.....  | 3   | 1 | s19 |
| .....uacuguuaggagGuuagugaaua.....  | 6   | 1 | s19 |
| .....uacuguuaggagauuagugaaua.....  | 99  | 0 | s19 |
| .....uacuguuaggagauuagugaGua.....  | 1   | 1 | s19 |
| .....uacuguuagUagauuagugaaua.....  | 1   | 1 | s19 |
| .....uacuguuaggagaAuagugaaua.....  | 1   | 1 | s19 |
| .....uacuguuaggagauuagugaaUG.....  | 1   | 1 | s19 |

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## Mature

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|---|-----|---|-----|
| auguaacugcgaaagcaaagguuaaaucucucagcagguaaa <u>uuacuaaucuccagcag</u> ua <u>uucacua</u> uacuguuaggagauuagugaauaaucuguuagguucaucacag |     |   |     |
| .....uacuguuaggagUuuagugaaua.....   | 1   | 1 | s19 |
| .....uacuguuGggagauuagugaaua.....   | 2   | 1 | s19 |
| .....uacuguuaggGgauuagugaaua.....   | 1   | 1 | s19 |
| .....uacuguCaggagauuagugaaua.....   | 3   | 1 | s19 |
| .....uacuguuaggagauuagugaauU.....   | 1   | 1 | s19 |
| .....acuguuaggagauuagugaau.....   | 2   | 0 | s19 |
| .....uuuacuaaucuccagcaA.....  | 2   | 1 | s13 |
| .....uuuacuaaucuccagcagau.....  | 2   | 0 | s13 |
| .....uuuacuaaucuccagcagaua.....   | 2   | 0 | s13 |
| .....uacuguuaggagauuagC.....  | 5   | 1 | s13 |
| .....uacuguuaggagauuagA.....  | 2   | 1 | s13 |
| .....Aacuguuaggagauuagu.....  | 3   | 1 | s13 |
| .....uacuguuaggGgauuagu.....  | 1   | 1 | s13 |
| .....uacuguuaggagauuagu.....  | 48  | 0 | s13 |
| .....uacCguuaggagauuagu.....  | 1   | 1 | s13 |
| .....uacuguuaggagauuagug.....   | 1   | 0 | s13 |
| .....uacuguuaggagauuagA.....  | 2   | 1 | s13 |
| .....uacuguuaggagauuaguga.....  | 7   | 0 | s13 |
| .....uacuguuaggagauuagugC.....  | 1   | 1 | s13 |
| .....Cacuguuaggagauuagugaa.....   | 3   | 1 | s13 |
| .....uacuguuaggagauuagugaU.....   | 6   | 1 | s13 |
| .....uacuguuaggagauuagugaa.....   | 1   | 0 | s13 |
| .....uacuguuaggagauuagugaaA.....  | 2   | 1 | s13 |
| .....uacuguuaggagauuagugaau.....  | 96  | 0 | s13 |
| .....uacugCuaggagauuagugaau.....  | 1   | 1 | s13 |
| .....uacuguuaggagaGuagugaau.....  | 2   | 1 | s13 |
| .....uacuguuaggagauuagCgaau.....  | 1   | 1 | s13 |
| .....Aacuguuaggagauuagugaau.....  | 4   | 1 | s13 |
| .....uacuguuGggagauuagugaau.....  | 8   | 1 | s13 |
| .....uacuguuaggagauuagugaaC.....  | 9   | 1 | s13 |
| .....uacuguuaggagauuagugaauU.....   | 9   | 1 | s13 |
| .....uacuguuaggGgauuagugaaua.....   | 2   | 1 | s13 |
| .....uacuguuaggagauuagugaaCa.....   | 1   | 1 | s13 |
| .....uacuguCaggagauuagugaaua.....   | 1   | 1 | s13 |
| .....uacuguuaggagauuGgugaaua.....   | 1   | 1 | s13 |
| .....uacuguuaggagauuCgugaaua.....   | 1   | 1 | s13 |
| .....uacuguAaggagauuagugaaua.....   | 1   | 1 | s13 |
| .....uacuguuaggagauuagugaaAa.....   | 1   | 1 | s13 |
| .....uacuguuaggagauCagugaaua.....   | 2   | 1 | s13 |
| .....uacuguuaggCgauuagugaaua.....   | 1   | 1 | s13 |
| .....uacuguuaggagauuagugaaGa.....   | 4   | 1 | s13 |
| .....Aacuguuaggagauuagugaaua.....   | 2   | 1 | s13 |
| .....uacuguuaggagauuagugaauG.....   | 1   | 1 | s13 |
| .....uacuguuaggagauuaguUaaua.....   | 1   | 1 | s13 |
| .....uacuguuaggagauuagugaaua.....   | 221 | 0 | s13 |
| .....uacuguuGggagauuagugaaua.....   | 5   | 1 | s13 |
| .....uacuguuaggagauuagugaauaC.....  | 1   | 1 | s13 |
| .....uacuguuaggagauuagugaauU.....   | 15  | 1 | s13 |
| .....uacuguuaggagauuagugaauUa.....  | 1   | 1 | s13 |
| .....uacuguuaggagauuagugaauaUu.....   | 2   | 1 | s13 |
| .....uacuguuaggagauuagugaauaau.....   | 2   | 0 | s13 |
| .....uacuguuaggagauuagugaauaauA.....  | 2   | 1 | s13 |
| .....uuuacuaaucuccagcagcag.....   | 3   | 0 | s12 |
| .....uuuacuaaucuccagcagcagau.....   | 1   | 0 | s12 |
| .....uuuacuaaucuccagcagcagaua.....  | 12  | 0 | s12 |
| .....uacuguuGggagauuagu.....  | 1   | 1 | s12 |
| .....uacuguuaggagauuagu.....  | 8   | 0 | s12 |
| .....uacuguuaggagauuUgu.....  | 1   | 1 | s12 |
| .....uacuguuaggagauuagC.....  | 8   | 1 | s12 |
| .....uacuguuaggagauuaguga.....  | 4   | 0 | s12 |
| .....uacuguuaggagauuagugG.....  | 1   | 1 | s12 |
| .....uacuguuaggagauuagGga.....  | 1   | 1 | s12 |
| .....uacuguuaggagauuagCgaau.....  | 2   | 1 | s12 |
| .....uacuguuaggagauuagugaCu.....  | 1   | 1 | s12 |
| .....uacuguuaggagauuagugaaG.....  | 2   | 1 | s12 |
| .....uacuguuaggagauuUugaau.....   | 1   | 1 | s12 |
| .....uacuguuagAagauuagugaau.....  | 1   | 1 | s12 |
| .....uacuguuGggagauuagugaau.....  | 2   | 1 | s12 |

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## Mature

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|--|-----|---|-----|
| auguaacugcggaagcaaagguauaaucucucagcagguaauuuacuaaucuuccagcagcaguuuuacacuaauacuguuaggagauuagugaaauaaucuguuagguucaucacag |     |   |     |
| .....uacGguuaggagauuagugaaU.....   | 1   | 1 | s12 |
| .....uacCguuaggagauuagugaaU.....   | 1   | 1 | s12 |
| .....uacuguuaggagauuagugaaU.....   | 161 | 0 | s12 |
| .....uacuguuaggagauuagugGau.....   | 1   | 1 | s12 |
| .....GacuguuaggagauuagugaaU.....   | 1   | 1 | s12 |
| .....uacuguuaggagauuagugaaG.....   | 1   | 1 | s12 |
| .....uacuguuaggagauuagugaaC.....   | 24  | 1 | s12 |
| .....uacuguuaggagauuagugaaU.....   | 5   | 1 | s12 |
| .....uacuguuaggGgauuagugaaU.....   | 1   | 1 | s12 |
| .....uacuguuaggagauuagugGau.....   | 1   | 1 | s12 |
| .....uacuguuaggagauuagugaaU.....   | 213 | 0 | s12 |
| .....uacuguuaggagauuagugaaG.....   | 1   | 1 | s12 |
| .....uacuguuaggagauuagugUaa.....   | 1   | 1 | s12 |
| .....uacuguuaggagauCagugaaU.....   | 1   | 1 | s12 |
| .....uacuguuaggagauCagugaaU.....   | 2   | 1 | s12 |
| .....uacuguuaggagauuGgugaaU.....   | 1   | 1 | s12 |
| .....AacuguuaggagauuagugaaU.....   | 5   | 1 | s12 |
| .....uacuguuaggagauuagugaaG.....   | 2   | 1 | s12 |
| .....uacuguuaggagauuagugCaa.....   | 1   | 1 | s12 |
| .....uacuguuaggagauuaguuAaa.....   | 1   | 1 | s12 |
| .....uacuguuGggagauuagugaaU.....   | 4   | 1 | s12 |
| .....uacuguuaggagauGagugaaU.....   | 1   | 1 | s12 |
| .....uacGguuaggagauuagugaaU.....   | 2   | 1 | s12 |
| .....uacuguuaggagauAagugaaU.....   | 1   | 1 | s12 |
| .....CacuguuaggagauuagugaaU.....   | 3   | 1 | s12 |
| .....uacuguuaggagauuagugaaG.....   | 3   | 1 | s12 |
| .....uacuguuaggagauuagugaaU.....   | 1   | 1 | s12 |
| .....uacuguuaggagauuagugaaU.....   | 1   | 1 | s12 |
| .....uacuguuaggagauuagugaaU.....   | 1   | 1 | s12 |
| .....uacuguuaggagauuagugaaU.....   | 1   | 1 | s12 |
| .....uacuguuaggagauuagugaaU.....   | 1   | 0 | s12 |
| .....uacuguuaggagauuagugaaU.....   | 5   | 1 | s12 |
| .....uacuguuaggagauuagugaaU.....   | 1   | 1 | s12 |
| .....uuuacuaaucuuccagcag.....  | 1   | 0 | s05 |
| .....uuuacuaaucuuccagcGgu.....   | 1   | 1 | s05 |
| .....uuuacuaaucuuccagcagaaC.....   | 1   | 1 | s05 |
| .....uuacuaaucuuccagcaguu.....   | 1   | 0 | s05 |
| .....Aacuguuaggagauuaguu.....  | 1   | 1 | s05 |
| .....uacuguuaggagauuaguu.....  | 10  | 0 | s05 |
| .....uacuguuaggagauuagC.....   | 4   | 1 | s05 |
| .....uacuguuaggagauuaguu.....  | 1   | 1 | s05 |
| .....uacuguuaggagauuaguu.....  | 1   | 0 | s05 |
| .....uacuguuaggagauuaguu.....  | 4   | 0 | s05 |
| .....uacuguuaggagauuaguu.....  | 3   | 1 | s05 |
| .....uacuguuaggagauuAaguu.....   | 1   | 1 | s05 |
| .....GacuguuaggagauuagugaaU.....   | 1   | 1 | s05 |
| .....uacuguuGggagauuagugaaU.....   | 2   | 1 | s05 |
| .....uacuguuaggagauuagugaaC.....   | 8   | 1 | s05 |
| .....uacuguuaggagauuagugGau.....   | 3   | 1 | s05 |
| .....uacuguuaggagauuagugaaU.....   | 81  | 0 | s05 |
| .....uacuguuaggagauuagugaaU.....   | 1   | 1 | s05 |
| .....uacuguuaggagauuagugaaU.....   | 1   | 1 | s05 |
| .....AacuguuaggagauuagugaaU.....   | 2   | 1 | s05 |
| .....uacuguuaggagauuagugaaU.....   | 115 | 0 | s05 |
| .....uacuguuaggagauuagugaaG.....   | 1   | 1 | s05 |
| .....uacuguuaggagauuagugaaG.....   | 3   | 1 | s05 |
| .....uacuguuaggagauuagugaaG.....   | 1   | 1 | s05 |
| .....uacuguuaggagauuaguuAaa.....   | 1   | 1 | s05 |
| .....uacGguuaggagauuagugaaU.....   | 1   | 1 | s05 |
| .....uacuguuaggagauuGgugaaU.....   | 1   | 1 | s05 |
| .....uacuguuaggagauuagugaaCa.....  | 1   | 1 | s05 |
| .....uacuguuGggagauuagugaaU.....   | 1   | 1 | s05 |
| .....uacuguuaggagauuagugaaU.....   | 1   | 1 | s05 |
| .....uacuguuaggagauuagugaaU.....   | 1   | 0 | s05 |
| .....uuuacuaaucuuUcagcaguu.....  | 1   | 1 | s18 |
| .....uuuacuaaucuuccagcaguu.....  | 3   | 0 | s18 |
| .....uacuguuaggagauuaguu.....  | 5   | 0 | s18 |
| .....uacuguuaggagauuagugaa.....  | 2   | 0 | s18 |
| .....uacuguuaggagauuagugaa.....  | 1   | 0 | s18 |

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## Mature

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|--|-----|---|-----|
| auguaacugcgaagcaaagguauaaucucucagcagguaauuuacuaaucuccagcaguuauuacacua <u>uacuguuaggagauuagugaau</u> aaucuguu <u>aagu</u> ucaucacag |     |   |     |
| .....uacuguuaggagauuagugaaC.....   | 2   | 1 | s18 |
| .....uacuguuaggagauuagugaaU.....   | 10  | 0 | s18 |
| .....uacuguuagCagauuagugaaU.....   | 12  | 1 | s18 |
| .....uacuguuagCagauuagugaaU.....   | 13  | 1 | s18 |
| .....uacuguuaggagauuagugaaU.....   | 39  | 0 | s18 |
| .....uacuguuaggagauuagugGaua.....  | 2   | 1 | s18 |
| .....uuuacuaaucuccagcagU.....  | 2   | 0 | s02 |
| .....uuuacuaaucuccagcagA.....  | 1   | 1 | s02 |
| .....uuuacuaaucuccagcagC.....  | 2   | 1 | s02 |
| .....uuuacuaaucuccagcagUGu.....  | 1   | 1 | s02 |
| .....uuuacuaaucuccagcagUau.....  | 1   | 0 | s02 |
| .....uAuacuaaucuccagcaguuaua.....  | 1   | 1 | s02 |
| .....uuuacuaaucuccagcaguuaua.....  | 20  | 0 | s02 |
| .....uuacuaaucuccagcaguuauuucacA.....  | 2   | 1 | s02 |
| .....auacuguuGggagauuagugaa.....   | 1   | 1 | s02 |
| .....uacuguuaggCgauuagu.....   | 1   | 1 | s02 |
| .....uacuguuaggagauuagU.....   | 1   | 1 | s02 |
| .....uacuguuaggagauuagu.....   | 17  | 0 | s02 |
| .....uacuguuGggagauuagu.....   | 2   | 1 | s02 |
| .....uacuguuaggagauuagC.....   | 1   | 1 | s02 |
| .....uacuguuaggagauuagug.....  | 20  | 0 | s02 |
| .....uacuguuaggagauuaguA.....  | 2   | 1 | s02 |
| .....Aacuguuaggagauuagug.....  | 1   | 1 | s02 |
| .....uacuguCaggagauuagug.....  | 1   | 1 | s02 |
| .....uacuguuGggagauuagug.....  | 2   | 1 | s02 |
| .....uacuguuaggGgauuaguga.....   | 1   | 1 | s02 |
| .....uacuguuaggagauuagugG.....   | 1   | 1 | s02 |
| .....Cacuguuaggagauuaguga.....   | 1   | 1 | s02 |
| .....uacuguuaggagauuaguga.....   | 24  | 0 | s02 |
| .....uacuguuaggagauuagugC.....   | 1   | 1 | s02 |
| .....Aacuguuaggagauuaguga.....   | 2   | 1 | s02 |
| .....uacuguuGggagauuaguga.....   | 4   | 1 | s02 |
| .....uacuguuaggagauuagugU.....   | 1   | 1 | s02 |
| .....uacuguuaggagauuagugaU.....  | 4   | 1 | s02 |
| .....uacuguuaggagauuagugaa.....  | 2   | 0 | s02 |
| .....uacuguuaggagauuagugaC.....  | 1   | 1 | s02 |
| .....uacuguuaggagauuagugaG.....  | 1   | 1 | s02 |
| .....uacuguuaggagauuagugaUu.....   | 5   | 1 | s02 |
| .....uacuguuGggagauuagugaaU.....   | 43  | 1 | s02 |
| .....uacuguuaggagauuagugaaA.....   | 2   | 1 | s02 |
| .....uacuguuaggGgauuagugaaU.....   | 3   | 1 | s02 |
| .....uacuguuaggagGauuagugaaU.....  | 3   | 1 | s02 |
| .....uacugGuaaggagauuagugaaU.....  | 2   | 1 | s02 |
| .....uacuguuaggagUuuagugaaU.....   | 1   | 1 | s02 |
| .....uacCguuaggagauuagugaaU.....   | 3   | 1 | s02 |
| .....AacuguuaggagauuagugaaU.....   | 10  | 1 | s02 |
| .....uacugCuaggagauuagugaaU.....   | 3   | 1 | s02 |
| .....uacuguuagUagauuagugaaU.....   | 1   | 1 | s02 |
| .....uacuguuaggagaaAuuagugaaU.....   | 1   | 1 | s02 |
| .....uGcuguuaggagauuagugaaU.....   | 1   | 1 | s02 |
| .....uaUuguuaggagauuagugaaU.....   | 2   | 1 | s02 |
| .....uacuguuaggagaaCuagugaaU.....  | 1   | 1 | s02 |
| .....uacuguuaggagauuagugUau.....   | 1   | 1 | s02 |
| .....uacuguuaggagauuagugGau.....   | 1   | 1 | s02 |
| .....uacuguuaggagauuagugaaU.....   | 507 | 0 | s02 |
| .....uacuguuaggagauuagugaaC.....   | 60  | 1 | s02 |
| .....uacuguuaggagauuagugaGu.....   | 7   | 1 | s02 |
| .....uacuguuaggagauuagugaCu.....   | 1   | 1 | s02 |
| .....uacuguuaggagauuagugaaU.....   | 1   | 1 | s02 |
| .....uacuguuaggagauuagugaaU.....   | 2   | 1 | s02 |
| .....uacuguuaggagauuagugaaU.....   | 3   | 1 | s02 |
| .....uacuguuaggagauuagugaaU.....   | 1   | 1 | s02 |
| .....uacuguuaggagauuagugaaU.....   | 1   | 1 | s02 |
| .....uacuguuaggagauuagugaaU.....   | 1   | 1 | s02 |
| .....uacuguuaggagauuagugaaU.....   | 3   | 1 | s02 |
| .....uacuguuaggagauuagugaaU.....   | 5   | 1 | s02 |
| .....uacuguuaggagauuagugaaU.....   | 1   | 1 | s02 |
| .....uacugGuaaggagauuagugaaU.....  | 2   | 1 | s02 |
| .....uacuguuaggagauuagugaaU.....   | 1   | 1 | s02 |



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## Mature

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|--|-----|---|-----|
| auguaacugcgaagcaaagguauaaucucucagcagguaauuuacuaaucuuccagcagcaguuauuacacuaucuguuaggagauuagugaaauaaucuguuagguucaucacag |     |   |     |
| .....uacuguuaggagauuagugaaua.....  | 793 | 0 | s02 |
| .....Cacuguuaggagauuagugaaua.....  | 3   | 1 | s02 |
| .....uacuguuaggUgauuagugaaua.....  | 1   | 1 | s02 |
| .....uacuguuaggagauuagugaaUG.....  | 7   | 1 | s02 |
| .....uaAuguuaggagauuagugaaua.....  | 1   | 1 | s02 |
| .....uacuguuaggagaCuagugaaua.....  | 1   | 1 | s02 |
| .....uacuguuaggagauuagugaCua.....  | 1   | 1 | s02 |
| .....uacuguuaggagGuuagugaaua.....  | 2   | 1 | s02 |
| .....uacuguuaggagCuuaugugaaua.....   | 1   | 1 | s02 |
| .....uacuguuagggaAauuagugaaua.....   | 1   | 1 | s02 |
| .....uaUuguuaggagauuagugaaua.....  | 2   | 1 | s02 |
| .....Aacuguuaggagauuagugaaua.....  | 17  | 1 | s02 |
| .....uacuguuaggagauuagugaaGa.....  | 12  | 1 | s02 |
| .....uacuguuaggagauuagugaGua.....  | 3   | 1 | s02 |
| .....uacuguuaggagauuGgugaaua.....  | 7   | 1 | s02 |
| .....uacuguuaggagauuaguCaaua.....  | 1   | 1 | s02 |
| .....uacuguuaggagauuagugaaU.....   | 21  | 1 | s02 |
| .....uacuguuGggagauuagugaaua.....  | 51  | 1 | s02 |
| .....uacuguuaggagauuagugaaCa.....  | 4   | 1 | s02 |
| .....uacugCuaggagauuagugaaua.....  | 2   | 1 | s02 |
| .....uacuguuaggCgauuagugaaua.....  | 1   | 1 | s02 |
| .....uacuguuaggagauCagugaaua.....  | 1   | 1 | s02 |
| .....uacuguuaggagauuagugGaua.....  | 5   | 1 | s02 |
| .....uacuguuaggGgauuagugaaua.....  | 5   | 1 | s02 |
| .....uacuAuuaggagauuagugaaua.....  | 1   | 1 | s02 |
| .....uacuguuaggagauuagugaaUC.....  | 1   | 1 | s02 |
| .....uacCguuaggagauuagugaaua.....  | 2   | 1 | s02 |
| .....uacuguCaggagauuagugaaua.....  | 2   | 1 | s02 |
| .....uacuguuagUagauuagugaaua.....  | 1   | 1 | s02 |
| .....uacuguuaggagUuuagugaaua.....  | 1   | 1 | s02 |
| .....uacGguuaggagauuagugaaua.....  | 2   | 1 | s02 |
| .....uacuguuaggagauuaUugaaua.....  | 1   | 1 | s02 |
| .....uacugAuuaggagauuagugaaua.....   | 1   | 1 | s02 |
| .....uacuguuaggagauuagugaaUA.....  | 13  | 1 | s02 |
| .....uacuguuaggagauuagugaaUC.....  | 1   | 1 | s02 |
| .....uacuguuaggagauuagugaaUaa.....   | 1   | 0 | s02 |
| .....uacuguuGggagauuagugaaUaa.....   | 1   | 1 | s02 |
| .....uacuguuaggagauuagugaaUaaC.....  | 2   | 1 | s02 |
| .....uacuguuaggagauuagugaaUaaau.....   | 1   | 0 | s02 |
| .....acuguuGggagauuagugaaU.....  | 2   | 1 | s02 |
| .....acuguCaggagauuagugaaU.....  | 1   | 1 | s02 |
| .....acuguuaggagaCuagugaaua.....   | 1   | 1 | s02 |
| .....acuguuaggagauuagugaaua.....   | 3   | 0 | s02 |
| .....cuguuGggagauuagugaaua.....  | 3   | 1 | s02 |
| .....uuuacuaaucuuccagcagcagu.....  | 1   | 0 | s11 |
| .....uuuacuaaucuuccagcagcaguu.....   | 1   | 0 | s11 |
| .....uuuacugaucuuccagcagcaguu.....   | 1   | 1 | s11 |
| .....uacuguuaggagauuagu.....   | 2   | 0 | s11 |
| .....uacuguuaggagauuagC.....   | 1   | 1 | s11 |
| .....uacuguuaggagauuaguga.....   | 1   | 0 | s11 |
| .....uacuguuaggagauuagugaaC.....   | 1   | 1 | s11 |
| .....uacuguuaggagauuagugaaU.....   | 5   | 0 | s11 |
| .....uacuguuGggagauuagugaaU.....   | 1   | 1 | s11 |
| .....uacuguuaggagaCuagugaaua.....  | 3   | 1 | s11 |
| .....uacuguuaggagauuagugaaua.....  | 17  | 0 | s11 |
| .....uacuguuGggagauuagugaaua.....  | 1   | 1 | s11 |
| .....uacuguuaggagauuGgugaaua.....  | 1   | 1 | s11 |
| .....uGcuguuaggagauuagugaaua.....  | 1   | 1 | s11 |