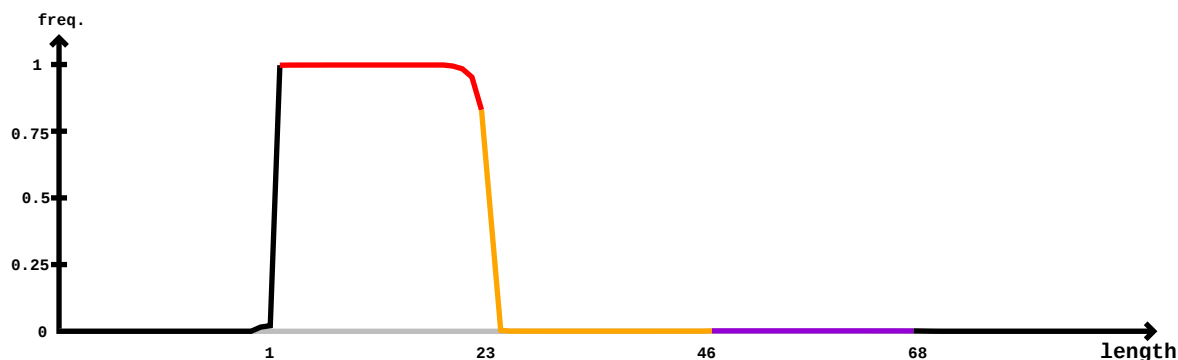




## Star

| 5'                                                                                                               | UGAAAaugugugcauccggguagagguagugagguuugaagaaugacaccucggggaguuacgguacaaccuucagcuuuccuuggaguuacacucaugacaucag | -3' | obs    |
|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----|--------|
|                                                                                                                  | UGAAAaugugugcauccggguagagguagugagguuugaagaaugacaccucggggaguuacgguacaaccuucagcuuuccuuggaguuacacucaugacaucag |     | exp    |
| .....(((((((.(.(((((((.(.(((.(.(((((((((((.(.(.....((((.(.(((.(.)))))))))).)))))))))).)))))).))))))))))))))..... | reads                                                                                                      | mm  | sample |
| .....guugagguagugagguuuguu.....                                                                                  | 3                                                                                                          | 0   | s02    |
| .....guugaggGagugagguuguaug.....                                                                                 | 1                                                                                                          | 1   | s02    |
| .....guugaggAagugagguuguaug.....                                                                                 | 1                                                                                                          | 1   | s02    |
| .....guugagguagugagguuuguaug.....                                                                                | 37                                                                                                         | 0   | s02    |
| .....guugCgguagugagguuguaug.....                                                                                 | 1                                                                                                          | 1   | s02    |
| .....guugagguagugagguuuUuaugg.....                                                                               | 1                                                                                                          | 1   | s02    |
| .....guugaggGagugagguuguaugg.....                                                                                | 2                                                                                                          | 1   | s02    |
| .....guugagguaguCgguuguaugg.....                                                                                 | 1                                                                                                          | 1   | s02    |
| .....guugagguagugagggGuguaugg.....                                                                               | 1                                                                                                          | 1   | s02    |
| .....guugagguagugagguuguaugA.....                                                                                | 2                                                                                                          | 1   | s02    |
| .....guugagguagugagguuguaugU.....                                                                                | 6                                                                                                          | 1   | s02    |
| .....gGugagguagugagguuguaugg.....                                                                                | 1                                                                                                          | 1   | s02    |
| .....guugagguagugagguuguaugg.....                                                                                | 198                                                                                                        | 0   | s02    |
| .....guugagguaguagggAuguaugg.....                                                                                | 1                                                                                                          | 1   | s02    |
| .....guugCgguagugagguuguaugg.....                                                                                | 1                                                                                                          | 1   | s02    |
| .....guugagguaguagguuguuCugg.....                                                                                | 1                                                                                                          | 1   | s02    |
| .....guugaggAaguagguuguaugg.....                                                                                 | 2                                                                                                          | 1   | s02    |
| .....guugagguagGagguuguaugg.....                                                                                 | 1                                                                                                          | 1   | s02    |
| .....guugagguagCagguuguauggu.....                                                                                | 3                                                                                                          | 1   | s02    |
| .....guugaggAaguagguuguauggu.....                                                                                | 25                                                                                                         | 1   | s02    |
| .....guugagguagugagguuguaugUu.....                                                                               | 1                                                                                                          | 1   | s02    |
| .....guugagguUguagguuguauggu.....                                                                                | 2                                                                                                          | 1   | s02    |
| .....guugagguaguagguuguaGggu.....                                                                                | 1                                                                                                          | 1   | s02    |
| .....guugGgguagugagguuguauggu.....                                                                               | 1                                                                                                          | 1   | s02    |
| .....guuNagguaguagguuguauggu.....                                                                                | 2                                                                                                          | 1   | s02    |
| .....guugCgguaguagguuguauggu.....                                                                                | 3                                                                                                          | 1   | s02    |
| .....guugagguagugagguuguuGuggu.....                                                                              | 2                                                                                                          | 1   | s02    |
| .....guugagguaguagguuguauggG.....                                                                                | 3                                                                                                          | 1   | s02    |
| .....guugagguaguagguuguaugAu.....                                                                                | 1                                                                                                          | 1   | s02    |
| .....guugagguaguCgguuguauggu.....                                                                                | 1                                                                                                          | 1   | s02    |
| .....guugagAuaguagguuguauggu.....                                                                                | 2                                                                                                          | 1   | s02    |
| .....guugagguaguUgguuguauggu.....                                                                                | 1                                                                                                          | 1   | s02    |
| .....guuqaggGagugagguuquauqu.....                                                                                | 12                                                                                                         | 1   | s02    |

## Mature

## Star

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|                                   |      |   |     |
|-----------------------------------|------|---|-----|
| .....guuagguagguagguuagguu.....   | 2    | 1 | s02 |
| .....guuagguagguagguuagguu.....   | 5    | 1 | s02 |
| .....guuagguagguagguuagguu.....   | 2    | 1 | s02 |
| .....guuagguagguagguuagguu.....   | 1    | 1 | s02 |
| .....guuagguagguagguuagguu.....   | 4    | 1 | s02 |
| .....Auugagguagguagguuagguu.....  | 1    | 1 | s02 |
| .....guuagguagguagguuagguu.....   | 1    | 1 | s02 |
| .....guuagguagguagguuagguu.....   | 1    | 1 | s02 |
| .....guuagguagguagguuagguu.....   | 4    | 1 | s02 |
| .....guuagguagguagguuagguu.....   | 19   | 1 | s02 |
| .....guuagguagguagguuagguu.....   | 8    | 1 | s02 |
| .....guuagguagguagguuagguu.....   | 1    | 1 | s02 |
| .....guuagguagguagguuagguu.....   | 1    | 1 | s02 |
| .....guuagguagguagguuagguu.....   | 3    | 1 | s02 |
| .....guuagguagguagguuagguu.....   | 1119 | 0 | s02 |
| .....guuagguagguagguuagguu.....   | 5    | 1 | s02 |
| .....gCugagguagguagguuagguu.....  | 1    | 1 | s02 |
| .....guuUagguagguagguuagguu.....  | 1    | 1 | s02 |
| .....guuagguagguagguuagguu.....   | 1    | 1 | s02 |
| .....guuagguagguagguuagguu.....   | 800  | 0 | s02 |
| .....gCuagguagguagguuagguu.....   | 1    | 1 | s02 |
| .....guuagguuUguagguuagguu.....   | 1    | 1 | s02 |
| .....Uuugagguagguagguuagguu.....  | 2    | 1 | s02 |
| .....guuGgguagguagguuagguu.....   | 2    | 1 | s02 |
| .....guuagguuGguagguuagguu.....   | 2    | 1 | s02 |
| .....guuNagguagguagguuagguu.....  | 2    | 1 | s02 |
| .....Auugagguagguagguuagguu.....  | 1    | 1 | s02 |
| .....guuagguuCuagguuagguu.....    | 2    | 1 | s02 |
| .....guuagguagguagguuagguu.....   | 2    | 1 | s02 |
| .....guuagguagguagguuagguu.....   | 1    | 1 | s02 |
| .....guugagUuagguagguuagguu.....  | 1    | 1 | s02 |
| .....guuagguagAgguuagguu.....     | 1    | 1 | s02 |
| .....guuagggGagguagguuagguu.....  | 9    | 1 | s02 |
| .....guuagguagguagguuagguu.....   | 1    | 1 | s02 |
| .....guuagguagguagguuagguuA.....  | 8    | 1 | s02 |
| .....guuagguagguagguuagguu.....   | 1    | 1 | s02 |
| .....guuagguagguagguuagguu.....   | 2    | 1 | s02 |
| .....guuagggCaguagguuagguu.....   | 4    | 1 | s02 |
| .....guuGCgguagguagguuagguu.....  | 3    | 1 | s02 |
| .....guuagggAaguagguuagguu.....   | 19   | 1 | s02 |
| .....guuagguagguagguuagguu.....   | 1    | 1 | s02 |
| .....guuagguagguagguuagguu.....   | 4    | 1 | s02 |
| .....guuagggAaguagguuagguu.....   | 1    | 1 | s02 |
| .....guuagguagguagguuagguu.....   | 41   | 0 | s02 |
| .....guuagguagguagguuagguuAu..... | 2    | 1 | s02 |
| .....guugagUuagguagguuagguu.....  | 1    | 1 | s02 |
| .....guuagguagguagguuagguuA.....  | 3    | 1 | s02 |
| .....uugagguagguagguuaggu.....    | 15   | 0 | s02 |
| .....uugagguaguCgguuaggu.....     | 1    | 1 | s02 |
| .....uugGgguagguagguuaggu.....    | 1    | 1 | s02 |
| .....Cuagguagguagguuaggu.....     | 1    | 1 | s02 |
| .....uugagguagguagguuaggu.....    | 56   | 0 | s02 |
| .....uugagguagguagguuagguU.....   | 1    | 1 | s02 |
| .....uugUgguagguagguuaggu.....    | 1    | 1 | s02 |
| .....uugagguagguagguuagguAu.....  | 1    | 1 | s02 |
| .....uugagguagGagguuaggu.....     | 4    | 1 | s02 |
| .....uugagguagguagguuUuaggu.....  | 1    | 1 | s02 |
| .....Cuagguagguagguuaggu.....     | 3    | 1 | s02 |
| .....uugagguagAgguuaggu.....      | 2    | 1 | s02 |
| .....uugNgguagguagguuaggu.....    | 1    | 1 | s02 |
| .....uugagguaguCgguuaggu.....     | 2    | 1 | s02 |
| .....uugagguagguagguuagguG.....   | 6    | 1 | s02 |
| .....uugagguagguagguuagguG.....   | 1    | 1 | s02 |
| .....uugagguagguagguuagguA.....   | 2    | 1 | s02 |
| .....uugagguagguagguuagguG.....   | 1    | 1 | s02 |
| .....uugGgguagguagguuaggu.....    | 1    | 1 | s02 |
| .....uugagguuCuagguuaggu.....     | 1    | 1 | s02 |
| .....uugagguagguagguuaggu.....    | 3    | 1 | s02 |
| .....uugagguagguagguuaggu.....    | 342  | 0 | s02 |
| .....uugCgguagguagguuaggu.....    | 5    | 1 | s02 |

## Mature

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ugaaaaugugcauccggguugagguaguagguuuguuuagaaugacaccucgggaguuacgguaacaaccuucagcuuuccuuggaguuacacucaugacaucag

|                                                |      |   |     |
|------------------------------------------------|------|---|-----|
| . . . . . uugaggCaguagguuuguauggu . . . . .    | 4    | 1 | s02 |
| . . . . . uugagguaguUgguuuguauggu . . . . .    | 2    | 1 | s02 |
| . . . . . uuCagguaguagguuuguauggu . . . . .    | 1    | 1 | s02 |
| . . . . . Guagguaguagguuuguauggu . . . . .     | 2    | 1 | s02 |
| . . . . . uugagguaguagguugAauggu . . . . .     | 2    | 1 | s02 |
| . . . . . uugagguaguagguuugUugguu . . . . .    | 1    | 1 | s02 |
| . . . . . uugagguaguUgguuuguaugguu . . . . .   | 1    | 1 | s02 |
| . . . . . uugagguagAagguuuguaugguu . . . . .   | 1    | 1 | s02 |
| . . . . . uugCgguaaguagguuuguaugguu . . . . .  | 1    | 1 | s02 |
| . . . . . Guagguaguagguuuguaugguu . . . . .    | 3    | 1 | s02 |
| . . . . . uugagguaguagguuuguaGggguu . . . . .  | 1    | 1 | s02 |
| . . . . . uugagguaguagguuuguCggguu . . . . .   | 4    | 1 | s02 |
| . . . . . uugaggGaguagguuuguaugguu . . . . .   | 1    | 1 | s02 |
| . . . . . Augagguaguagguuuguaugguu . . . . .   | 1    | 1 | s02 |
| . . . . . uugagguagGagguuuguaugguu . . . . .   | 9    | 1 | s02 |
| . . . . . uugagguaguagguuuguaugguu . . . . .   | 249  | 0 | s02 |
| . . . . . uugagguaguaggCuguaugguu . . . . .    | 1    | 1 | s02 |
| . . . . . uugagguagCagguuuguaugguu . . . . .   | 1    | 1 | s02 |
| . . . . . Cuagguaguagguuuguaugguu . . . . .    | 17   | 1 | s02 |
| . . . . . uugagguaguagguuuguaugUuu . . . . .   | 1    | 1 | s02 |
| . . . . . uugaggAaguagguuuguaugguu . . . . .   | 1    | 1 | s02 |
| . . . . . uugagguaguagguuuguaugguA . . . . .   | 11   | 1 | s02 |
| . . . . . uugagguaguGggguuuguaugguu . . . . .  | 1    | 1 | s02 |
| . . . . . uugagguaguagguuuguaugguuu . . . . .  | 9    | 0 | s02 |
| . . . . . uugagguagGagguuuguaugguuu . . . . .  | 1    | 1 | s02 |
| . . . . . uugagguaguagguuuguaugguuuU . . . . . | 1    | 1 | s02 |
| . . . . . ugaNguaguagguuugua . . . . .         | 1    | 1 | s02 |
| . . . . . ugagguaguagguuuguaA . . . . .        | 18   | 1 | s02 |
| . . . . . ugagguaguagUuugua . . . . .          | 58   | 1 | s02 |
| . . . . . uagaggAaguagguuugua . . . . .        | 1    | 1 | s02 |
| . . . . . ugaggCaguagguuugua . . . . .         | 1    | 1 | s02 |
| . . . . . ugagguaguagguuugua . . . . .         | 424  | 0 | s02 |
| . . . . . ugaggGaguagguuugua . . . . .         | 13   | 1 | s02 |
| . . . . . ugGgguaaguagguuugua . . . . .        | 3    | 1 | s02 |
| . . . . . ugagguaguaggGugua . . . . .          | 4    | 1 | s02 |
| . . . . . ugagguaguGggguugua . . . . .         | 1    | 1 | s02 |
| . . . . . ugagguaguagguuuguaG . . . . .        | 3    | 1 | s02 |
| . . . . . ugagguagGagguuugua . . . . .         | 1    | 1 | s02 |
| . . . . . ugagguUguagguuuguaug . . . . .       | 2    | 1 | s02 |
| . . . . . ugagguaguagguuUuaug . . . . .        | 1    | 1 | s02 |
| . . . . . ugagguaguagguuuguaAg . . . . .       | 7    | 1 | s02 |
| . . . . . ugagguagCagguuuguaug . . . . .       | 3    | 1 | s02 |
| . . . . . ugGgguaaguagguuuguaug . . . . .      | 5    | 1 | s02 |
| . . . . . ugagguaguagguuCuau . . . . .         | 3    | 1 | s02 |
| . . . . . ugagguCuagguuuguaug . . . . .        | 3    | 1 | s02 |
| . . . . . ugagguaguagguuuguaug . . . . .       | 1310 | 0 | s02 |
| . . . . . ugaggAaguagguuuguaug . . . . .       | 8    | 1 | s02 |
| . . . . . ugCgguaaguagguuuguaug . . . . .      | 2    | 1 | s02 |
| . . . . . Agagguaguagguuuguaug . . . . .       | 2    | 1 | s02 |
| . . . . . ugaNguaguagguuuguaug . . . . .       | 3    | 1 | s02 |
| . . . . . ugagguagGagguuuguaug . . . . .       | 2    | 1 | s02 |
| . . . . . ugagguaguaggGuguaug . . . . .        | 7    | 1 | s02 |
| . . . . . ugagguaguagguugGaug . . . . .        | 5    | 1 | s02 |
| . . . . . ugagguGguagguuuguaug . . . . .       | 3    | 1 | s02 |
| . . . . . ugagguaguGggguuguaug . . . . .       | 3    | 1 | s02 |
| . . . . . ugagguaguagguuuguaU . . . . .        | 22   | 1 | s02 |
| . . . . . ugagguagNagguuuguaug . . . . .       | 1    | 1 | s02 |
| . . . . . ugUgguaaguagguuuguaug . . . . .      | 2    | 1 | s02 |
| . . . . . ugaggGaguagguuuguaug . . . . .       | 58   | 1 | s02 |
| . . . . . ugagguaguagguuugUug . . . . .        | 1    | 1 | s02 |
| . . . . . ugagguaguagguuuguaC . . . . .        | 2    | 1 | s02 |
| . . . . . ugagguaguagguuuguaCg . . . . .       | 1    | 1 | s02 |
| . . . . . ugaNguaguagguuuguaugg . . . . .      | 13   | 1 | s02 |
| . . . . . ugagguaguagguuuguaUg . . . . .       | 13   | 1 | s02 |
| . . . . . ugagguaguaggAuguaugg . . . . .       | 1    | 1 | s02 |
| . . . . . ugagguaguagguCguaugg . . . . .       | 2    | 1 | s02 |
| . . . . . ugagguaguagguuuguaGgg . . . . .      | 3    | 1 | s02 |
| . . . . . ugagguaguagguuuguaugC . . . . .      | 2    | 1 | s02 |
| . . . . . ugagguaguCggguuguaugg . . . . .      | 2    | 1 | s02 |
| . . . . . Ggagguaguagguuuguaugg . . . . .      | 3    | 1 | s02 |

## Mature

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|                                   |       |   |     |
|-----------------------------------|-------|---|-----|
| .....ugagguaguagguuuguaAgg.....   | 3     | 1 | s02 |
| .....ugagguaguaggCuguaugg.....    | 6     | 1 | s02 |
| .....ugagguUguagguuuguaugg.....   | 6     | 1 | s02 |
| .....ugaggGaguagguuuguaugg.....   | 116   | 1 | s02 |
| .....ugagguaguagguuuguUugg.....   | 1     | 1 | s02 |
| .....ugagguacuagguuuguaugg.....   | 1     | 1 | s02 |
| .....ugagguaguaggGuguaugg.....    | 24    | 1 | s02 |
| .....ugagguaguagguuugAaugg.....   | 3     | 1 | s02 |
| .....ugagguaguagguuuguaugg.....   | 3898  | 0 | s02 |
| .....ugagguaguagguuugGaugg.....   | 6     | 1 | s02 |
| .....ugagguaguagguuuguaugU.....   | 65    | 1 | s02 |
| .....ugaggAaguagguuuguaugg.....   | 26    | 1 | s02 |
| .....ugagguGguagguuuguaugg.....   | 3     | 1 | s02 |
| .....ugagguaguGggguuuguaugg.....  | 15    | 1 | s02 |
| .....ugagguagAagguuuguaugg.....   | 6     | 1 | s02 |
| .....ugagguaguagguuUuaugg.....    | 2     | 1 | s02 |
| .....Cgagguaguagguuuguaugg.....   | 2     | 1 | s02 |
| .....uCgguaguagguuuguaugg.....    | 16    | 1 | s02 |
| .....ugagguaguacuuguaugg.....     | 1     | 1 | s02 |
| .....uCagguaguagguuuguaugg.....   | 2     | 1 | s02 |
| .....ugGgguaguagguuuguaugg.....   | 12    | 1 | s02 |
| .....ugagguaguagguuugCaugg.....   | 3     | 1 | s02 |
| .....ugagguaguagAuuguaugg.....    | 1     | 1 | s02 |
| .....Agagguaguagguuuguaugg.....   | 3     | 1 | s02 |
| .....ugagguagCagguuuguaugg.....   | 3     | 1 | s02 |
| .....ugagguaguUguuuguaugg.....    | 1     | 1 | s02 |
| .....ugagguaguagguuuguaucG.....   | 8     | 1 | s02 |
| .....ugagguauAaagguuuguaugg.....  | 1     | 1 | s02 |
| .....ugagguaguagguuuguaugA.....   | 153   | 1 | s02 |
| .....ugaggCaguagguuuguaugg.....   | 11    | 1 | s02 |
| .....ugaUguaguagguuuguaugg.....   | 1     | 1 | s02 |
| .....ugagguauUaagguuuguaugg.....  | 1     | 1 | s02 |
| .....ugagguagGagguuuguaugg.....   | 8     | 1 | s02 |
| .....ugagguaguGggguuuguauggu..... | 56    | 1 | s02 |
| .....ugagguaguaggGuguauggu.....   | 117   | 1 | s02 |
| .....ugagguaguagguuugAauggu.....  | 7     | 1 | s02 |
| .....ugagguaguaggCuguauggu.....   | 21    | 1 | s02 |
| .....ugCgguaguagguuuguauggu.....  | 46    | 1 | s02 |
| .....ugagguaguagguuuguauggu.....  | 15826 | 0 | s02 |
| .....ugagguCguagguuuguauggu.....  | 2     | 1 | s02 |
| .....ugagguaguagguuuguaGgggu..... | 12    | 1 | s02 |
| .....ugagguaguCgguuuguauggu.....  | 7     | 1 | s02 |
| .....Agagguaguagguuuguauggu.....  | 8     | 1 | s02 |
| .....ugagguaguagguCguauuggu.....  | 1     | 1 | s02 |
| .....ugagguaguagguuuguCuggu.....  | 4     | 1 | s02 |
| .....ugagguagCagguuuguauggu.....  | 9     | 1 | s02 |
| .....ugagguaguagguuuguauggC.....  | 59    | 1 | s02 |
| .....ugagguaguagguGguauuggu.....  | 1     | 1 | s02 |
| .....ugUgguaguagguuuguauggu.....  | 6     | 1 | s02 |
| .....ugagguaguagguuuguaAggu.....  | 3     | 1 | s02 |
| .....uUagguaguagguuuguauggu.....  | 2     | 1 | s02 |
| .....ugagguauUaagguuuguauggu..... | 8     | 1 | s02 |
| .....ugagguaguagguuAuauggu.....   | 3     | 1 | s02 |
| .....ugagguGguagguuuguauggu.....  | 16    | 1 | s02 |
| .....ugagguaguagCuuguauggu.....   | 3     | 1 | s02 |
| .....ugagguaguagguuuguaucGu.....  | 51    | 1 | s02 |
| .....ugaNguaguagguuuguauggu.....  | 51    | 1 | s02 |
| .....ugagguauAaagguuuguauggu..... | 8     | 1 | s02 |
| .....ugagguaguagguuuguaUgu.....   | 35    | 1 | s02 |
| .....ugagguaguacuuguauggu.....    | 7     | 1 | s02 |
| .....ugagguaguagguuuguaugCu.....  | 8     | 1 | s02 |
| .....ugagguaguagAuuguauggu.....   | 2     | 1 | s02 |
| .....ugagguaguagguuugGauggu.....  | 29    | 1 | s02 |
| .....ugagguaguagguuCuauuggu.....  | 5     | 1 | s02 |
| .....ugagguagGagguuuguauggu.....  | 22    | 1 | s02 |
| .....ugagguaguagguuUuauggu.....   | 5     | 1 | s02 |
| .....ugagguaguagguuuguaaggA.....  | 157   | 1 | s02 |
| .....ugagguaguauUguuuguauggu..... | 2     | 1 | s02 |
| .....ugagguaguagguuuguUuggu.....  | 15    | 1 | s02 |
| .....ugagAuaguagguuuguauggu.....  | 2     | 1 | s02 |

## Mature

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|                                     |      |   |     |
|-------------------------------------|------|---|-----|
| .....ugagguaguagguuuguuauUu.....    | 16   | 1 | s02 |
| .....ugagCuaguagguuuguauaggu.....   | 1    | 1 | s02 |
| .....uAagguaguagguuuguauaggu.....   | 4    | 1 | s02 |
| .....Ggagguaguagguuuguauaggu.....   | 5    | 1 | s02 |
| .....ugagguaguagUuuguauaggu.....    | 3    | 1 | s02 |
| .....uGgguaguagguuuguauaggu.....    | 18   | 1 | s02 |
| .....ugaUguaguagguuuguauaggu.....   | 3    | 1 | s02 |
| .....Cgagguaguagguuuguauaggu.....   | 10   | 1 | s02 |
| .....uCagguaguagguuuguauaggu.....   | 1    | 1 | s02 |
| .....ugagUuaguagguuuguauaggu.....   | 2    | 1 | s02 |
| .....ugagguUguagguuuguauaggu.....   | 16   | 1 | s02 |
| .....ugagguaguagguuuguauAgAu.....   | 2    | 1 | s02 |
| .....ugagguaguaAguuuguauaggu.....   | 2    | 1 | s02 |
| .....ugagguagAagguuuguauaggu.....   | 9    | 1 | s02 |
| .....ugagguaguaggAuguauaggu.....    | 7    | 1 | s02 |
| .....ugaggAaguagguuuguauaggu.....   | 94   | 1 | s02 |
| .....ugagguaguagguuuguauaggG.....   | 71   | 1 | s02 |
| .....ugaggCaguagguuuguauaggu.....   | 43   | 1 | s02 |
| .....uNagguaguagguuuguauaggu.....   | 2    | 1 | s02 |
| .....ugaggGaguagguuuguauaggu.....   | 535  | 1 | s02 |
| .....ugagguaguagguuuguauCggu.....   | 6    | 1 | s02 |
| .....uNgguaguagguuuguauagguu.....   | 1    | 1 | s02 |
| .....ugagUuaguagguuuguauagguu.....  | 12   | 1 | s02 |
| .....ugagguaguagguuuguauaggGu.....  | 173  | 1 | s02 |
| .....ugagguaguGgguuuguauagguu.....  | 332  | 1 | s02 |
| .....ugagguaguagguuugGauagguu.....  | 194  | 1 | s02 |
| .....ugagguaguagguuuguUugguu.....   | 98   | 1 | s02 |
| .....ugagguaguagguuAuauagguu.....   | 26   | 1 | s02 |
| .....ugagguaguagguuuguauaggCu.....  | 132  | 1 | s02 |
| .....Cgagguaguagguuuguauagguu.....  | 35   | 1 | s02 |
| .....Ggagguaguagguuuguauagguu.....  | 44   | 1 | s02 |
| .....ugagguaguagguCguauagguu.....   | 17   | 1 | s02 |
| .....ugagguaguagguuuguauugUuu.....  | 30   | 1 | s02 |
| .....ugaUguaguagguuuguauagguu.....  | 19   | 1 | s02 |
| .....ugagguaguagguuugAauagguu.....  | 180  | 1 | s02 |
| .....ugaggAaguagguuuguauagguu.....  | 666  | 1 | s02 |
| .....ugagguaguCgguuuguauagguu.....  | 96   | 1 | s02 |
| .....ugaAguaguagguuuguauagguu.....  | 16   | 1 | s02 |
| .....ugagguaguagguuuguauUguu.....   | 728  | 1 | s02 |
| .....ugagguaguagAuuguauagguu.....   | 32   | 1 | s02 |
| .....ugagCuaguagguuuguauagguu.....  | 24   | 1 | s02 |
| .....uNagguaguagguuuguauagguu.....  | 5    | 1 | s02 |
| .....ugaggCaguagguuuguauagguu.....  | 272  | 1 | s02 |
| .....ugagguCguagguuuguauagguu.....  | 29   | 1 | s02 |
| .....ugagguaguauUguuuguauagguu..... | 10   | 1 | s02 |
| .....ugagguaguagguuuguauagguG.....  | 27   | 1 | s02 |
| .....ugagguauCuagguuuguauagguu..... | 14   | 1 | s02 |
| .....uUagguaguagguuuguauagguu.....  | 39   | 1 | s02 |
| .....uGcguaguagguuuguauagguu.....   | 379  | 1 | s02 |
| .....ugagguagCagguuuguauagguu.....  | 78   | 1 | s02 |
| .....ugagguaguagguuuguauagguA.....  | 930  | 1 | s02 |
| .....ugaggGaguagguuuguauagguu.....  | 3631 | 1 | s02 |
| .....ugagguaguagguuuguCugguu.....   | 26   | 1 | s02 |
| .....ugagguaguagguuuguauaggAu.....  | 43   | 1 | s02 |
| .....ugagguaguagguuuguauGcuu.....   | 5    | 1 | s02 |
| .....ugagguaguaCguuuguauagguu.....  | 24   | 1 | s02 |
| .....ugagguaguagCuuguauagguu.....   | 9    | 1 | s02 |
| .....Agagguaguagguuuguauagguu.....  | 32   | 1 | s02 |
| .....ugagguaguaggGuuguauagguu.....  | 875  | 1 | s02 |
| .....ugagguaguagguuuguauugAuu.....  | 20   | 1 | s02 |
| .....ugagguaguagguuUuauagguu.....   | 30   | 1 | s02 |
| .....ugagguaguagguuuguNugguu.....   | 2    | 1 | s02 |
| .....ugagguaguagguuuguauNgguu.....  | 1    | 1 | s02 |
| .....uGgguaguagguuuguauagguu.....   | 196  | 1 | s02 |
| .....ugagguaguaAguuuguauagguu.....  | 14   | 1 | s02 |
| .....uUgguaguagguuuguauagguu.....   | 60   | 1 | s02 |
| .....ugagguaguagguuuguauCgguu.....  | 61   | 1 | s02 |
| .....ugagguaguagguuuguauAgguu.....  | 22   | 1 | s02 |
| .....ugagguaguagguuuguauagguC.....  | 41   | 1 | s02 |
| .....ugaCguaguagguuuguauagguu.....  | 6    | 1 | s02 |

## Mature

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|                     |                  |             |                      |                       |                         |
|---------------------|------------------|-------------|----------------------|-----------------------|-------------------------|
| ugaaaaugugcauccgggu | ugagguaguagguu   | ugagguuu    | uagaugacaccucgggaguu | acgguaacuccuagcuuuccu | uggaguacacucaugacaugaag |
| .....               | ugagguaguagUuu   | guagguu     | .....                | .....                 | 115 1 s02               |
| .....               | ugagguaguaggAugu | agguu       | .....                | .....                 | 68 1 s02                |
| .....               | ugagguGguagguuu  | guagguu     | .....                | .....                 | 80 1 s02                |
| .....               | ugagguagGagguuu  | guagguu     | .....                | .....                 | 183 1 s02               |
| .....               | uCagguaguagguuu  | guagguu     | .....                | .....                 | 2 1 s02                 |
| .....               | ugagguaguagguuCu | augguu      | .....                | .....                 | 45 1 s02                |
| .....               | ugagguauUuagguuu | guagguu     | .....                | .....                 | 33 1 s02                |
| .....               | ugagguaguagguuu  | guauCguu    | .....                | .....                 | 969 1 s02               |
| .....               | ugagguauAuagguuu | guagguu     | .....                | .....                 | 52 1 s02                |
| .....               | ugagguUguagguuu  | guagguu     | .....                | .....                 | 95 1 s02                |
| .....               | ugagAuaguagguuu  | guagguu     | .....                | .....                 | 16 1 s02                |
| .....               | ugagguaguagguGgu | augguu      | .....                | .....                 | 19 1 s02                |
| .....               | ugagguaguagguugC | augguu      | .....                | .....                 | 37 1 s02                |
| .....               | ugagguaguagguuu  | Gguu        | .....                | .....                 | 84 1 s02                |
| .....               | ugagguaguagguuu  | guagguu     | .....                | .....                 | 103684 0 s02            |
| .....               | ugaNguaguagguuu  | guagguu     | .....                | .....                 | 279 1 s02               |
| .....               | ugagguagAgguuu   | guagguu     | .....                | .....                 | 78 1 s02                |
| .....               | uAagguaguagguuu  | guagguu     | .....                | .....                 | 23 1 s02                |
| .....               | ugagguaguaggCu   | guagguu     | .....                | .....                 | 142 1 s02               |
| .....               | ugagguaguagguuu  | guagguAu    | .....                | .....                 | 65 1 s02                |
| .....               | ugaggAaguagguuu  | guagguuu    | .....                | .....                 | 21 1 s02                |
| .....               | ugagguagAgguuu   | guagguuu    | .....                | .....                 | 1 1 s02                 |
| .....               | ugagguaguagguuu  | Gguuu       | .....                | .....                 | 2 1 s02                 |
| .....               | ugagguaguagUuu   | guagguuu    | .....                | .....                 | 1 1 s02                 |
| .....               | ugagguaguagguuu  | auggAu      | .....                | .....                 | 1 1 s02                 |
| .....               | ugagAuaguagguuu  | guagguuu    | .....                | .....                 | 1 1 s02                 |
| .....               | ugagguaguagguugC | augguuu     | .....                | .....                 | 3 1 s02                 |
| .....               | Agagguaguagguuu  | guagguuu    | .....                | .....                 | 2 1 s02                 |
| .....               | ugagguauUuagguuu | guagguuu    | .....                | .....                 | 3 1 s02                 |
| .....               | ugagguaguagguuu  | Gguuu       | .....                | .....                 | 2 1 s02                 |
| .....               | ugagguaguagguuu  | Uugguuu     | .....                | .....                 | 1 1 s02                 |
| .....               | ugagguaguaggCu   | guagguuu    | .....                | .....                 | 5 1 s02                 |
| .....               | ugagguaguagguuu  | guagguCu    | .....                | .....                 | 1 1 s02                 |
| .....               | ugagguaguagguGgu | augguuu     | .....                | .....                 | 2 1 s02                 |
| .....               | ugagguaguagguuu  | Ggu         | .....                | .....                 | 1 1 s02                 |
| .....               | ugagguGguagguuu  | guagguuu    | .....                | .....                 | 5 1 s02                 |
| .....               | ugagguaguagguuu  | guauCguuu   | .....                | .....                 | 35 1 s02                |
| .....               | ugUgguaguagguuu  | guagguuu    | .....                | .....                 | 2 1 s02                 |
| .....               | ugagguaguagguuu  | guagguuA    | .....                | .....                 | 2647 1 s02              |
| .....               | ugaNguaguagguuu  | guagguuu    | .....                | .....                 | 7 1 s02                 |
| .....               | ugagguaguagguu   | gAaugguuu   | .....                | .....                 | 4 1 s02                 |
| .....               | ugagguCu         | guagguuu    | .....                | .....                 | 1 1 s02                 |
| .....               | ugCgguaguagguuu  | guagguuu    | .....                | .....                 | 8 1 s02                 |
| .....               | ugaggCaguagguuu  | guagguuu    | .....                | .....                 | 7 1 s02                 |
| .....               | ugagguaguGguuu   | guagguuu    | .....                | .....                 | 13 1 s02                |
| .....               | ugGgguaguagguuu  | guagguuu    | .....                | .....                 | 8 1 s02                 |
| .....               | ugagguaguCgguuu  | guagguuu    | .....                | .....                 | 3 1 s02                 |
| .....               | ugagguaguagguugG | augguuu     | .....                | .....                 | 7 1 s02                 |
| .....               | ugagguagCagguuu  | guagguuu    | .....                | .....                 | 1 1 s02                 |
| .....               | ugaggGaguagguuu  | guagguuu    | .....                | .....                 | 110 1 s02               |
| .....               | ugagguaguagguuu  | guagguuC    | .....                | .....                 | 8 1 s02                 |
| .....               | ugagguaguaggAugu | augguuu     | .....                | .....                 | 3 1 s02                 |
| .....               | ugagguagGagguuu  | guagguuu    | .....                | .....                 | 5 1 s02                 |
| .....               | ugagguaguagguuu  | Ggu         | .....                | .....                 | 21 1 s02                |
| .....               | ugagguaguagguuu  | Uguuu       | .....                | .....                 | 28 1 s02                |
| .....               | ugagguaguaggGgu  | augguuu     | .....                | .....                 | 32 1 s02                |
| .....               | ugagguaguagguuu  | auggGuu     | .....                | .....                 | 4 1 s02                 |
| .....               | ugagguaguagguuu  | auggCu      | .....                | .....                 | 2 1 s02                 |
| .....               | ugagguaguagguuu  | Aguuu       | .....                | .....                 | 1 1 s02                 |
| .....               | Ggagguaguagguuu  | guagguuu    | .....                | .....                 | 2 1 s02                 |
| .....               | ugagguaguagguuu  | guagguuu    | .....                | .....                 | 2797 0 s02              |
| .....               | ugaUguaguagguuu  | guagguuu    | .....                | .....                 | 2 1 s02                 |
| .....               | ugagguaguagguuu  | augAu       | .....                | .....                 | 1 1 s02                 |
| .....               | uCagguaguagguuu  | guagguuu    | .....                | .....                 | 1 1 s02                 |
| .....               | ugagguUguagguuu  | guagguuu    | .....                | .....                 | 4 1 s02                 |
| .....               | ugagguaguagguuu  | guagguAa    | .....                | .....                 | 144 1 s02               |
| .....               | ugagguaguagguuu  | Guuguuua    | .....                | .....                 | 5 1 s02                 |
| .....               | ugagguaguagguuu  | guauAguuuua | .....                | .....                 | 36 1 s02                |
| .....               | ugagguaguagguuu  | U           | .....                | .....                 | 152 1 s02               |
| .....               | ugagguaguUgguuu  | guagguuuua  | .....                | .....                 | 34 1 s02                |

**Mature** **Star**

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|                                              |                         |                  |          |                            |     |
|----------------------------------------------|-------------------------|------------------|----------|----------------------------|-----|
| ugaaaaugugugcauccggguugagguaguagguuguaugguuu | agaauagacaccucgggaguuaa | cgguaacaaccuucua | gcuuuccu | uggaguuacacucaugacaucagaag |     |
| ugaggGaguagguuguaugguuuA                     |                         |                  |          |                            | 11  |
| ugagguaguagguuguaugguuuG                     |                         |                  |          |                            | 16  |
| ugagguaguagguuguaugguuuAag                   |                         |                  |          |                            | 1   |
| ugagguaguagguuguaugguuuuU                    |                         |                  |          |                            | 3   |
| ugagguaguagguugugGugguuuag                   |                         |                  |          |                            | 2   |
| ugagguaguagguuguaugguuuuA                    |                         |                  |          |                            | 6   |
| ugagguaguagguuguaugguuuag                    |                         |                  |          |                            | 5   |
| gagguaguagguuguaug                           |                         |                  |          |                            | 3   |
| gagguaguagguuguaucG                          |                         |                  |          |                            | 1   |
| gagguaguagguuguaugg                          |                         |                  |          |                            | 1   |
| gagguaguagguuguauggu                         |                         |                  |          |                            | 9   |
| gaggGaguagguuguaugguu                        |                         |                  |          |                            | 1   |
| gagguaguagguuguaugguu                        |                         |                  |          |                            | 40  |
| gagguaguagguugGaugguu                        |                         |                  |          |                            | 1   |
| gagguaguCgguuguaugguu                        |                         |                  |          |                            | 2   |
| gagguaguagguuguauggCu                        |                         |                  |          |                            | 1   |
| gagguaguagguuguaugguuu                       |                         |                  |          |                            | 1   |
| agguaguagguuguauggu                          |                         |                  |          |                            | 1   |
| aggGaguagguuguaugguu                         |                         |                  |          |                            | 3   |
| agguaguagguuguaugguu                         |                         |                  |          |                            | 10  |
| agguaguagguuguaUguu                          |                         |                  |          |                            | 2   |
| ggGaguagguuguaugguu                          |                         |                  |          |                            | 1   |
| Uguaguagguuguaugguu                          |                         |                  |          |                            | 1   |
| gguaguagguGguaugguu                          |                         |                  |          |                            | 1   |
| gguaguagguugGaugguu                          |                         |                  |          |                            | 1   |
| gguaguagguuguaugguu                          |                         |                  |          |                            | 7   |
| guaguagguuguaugguu                           |                         |                  |          |                            | 3   |
| uaguagguuguaugguuuag                         |                         |                  |          |                            | 4   |
| uaguagguuguaugguuuaga                        |                         |                  |          |                            | 12  |
| uaguaggAuguaugguuuaga                        |                         |                  |          |                            | 1   |
| uaguagguuguaugguuuagaa                       |                         |                  |          |                            | 3   |
| uaguagguuguaugguuuagaCu                      |                         |                  |          |                            | 1   |
| uaguagguuguaugguuuagaaU                      |                         |                  |          |                            | 7   |
| uaguagguuguaugguuuagaaA                      |                         |                  |          |                            | 1   |
| uaguGgguuguaugguuuagaauga                    |                         |                  |          |                            | 1   |
| uaguagguuguaugguuuagaauga                    |                         |                  |          |                            | 5   |
| uagguuguaugguuuagaaugacac                    |                         |                  |          |                            | 1   |
| uagaaugacaccucgggagu                         |                         |                  |          |                            | 1   |
| uagaaugacaccucgggaguU                        |                         |                  |          |                            | 7   |
| uagaaugacaccucgggaguua                       |                         |                  |          |                            | 6   |
| uagaaugacaccucgggagAuaa                      |                         |                  |          |                            | 2   |
| uagaaugacaccucgggaguuua                      |                         |                  |          |                            | 16  |
| Aagaaugacaccucgggaguuua                      |                         |                  |          |                            | 1   |
| uagaaugaAaccucgggaguuua                      |                         |                  |          |                            | 1   |
| uagNaugacaccucgggaguuua                      |                         |                  |          |                            | 1   |
| ggaguuaacgguacaaccuAcu                       |                         |                  |          |                            | 1   |
| aguuaacgguacaaccuucua                        |                         |                  |          |                            | 2   |
| guuaacgguacCaccuucua                         |                         |                  |          |                            | 2   |
| guuaacgguacaaccuucua                         |                         |                  |          |                            | 9   |
| gGuaacgguacaaccuucua                         |                         |                  |          |                            | 1   |
| guuaacgguacaaccuucua                         |                         |                  |          |                            | 2   |
| uuacgguacaaccuucua                           |                         |                  |          |                            | 2   |
| cgguaacaaccuucua                             |                         |                  |          |                            | 4   |
| cCguacaaccuucua                              |                         |                  |          |                            | 1   |
| cgguaacaaccuucua                             |                         |                  |          |                            | 4   |
| cgguaacaaccuucua                             |                         |                  |          |                            | 134 |
| cgguaacaaccuucua                             |                         |                  |          |                            | 1   |
| cAguacaaccuucua                              |                         |                  |          |                            | 1   |
| cgguaacaaccuucua                             |                         |                  |          |                            | 1   |
| cgguaacaaccuucua                             |                         |                  |          |                            | 4   |
| cggGacaaccuucua                              |                         |                  |          |                            | 1   |
| cgguaacaaccuucua                             |                         |                  |          |                            | 1   |
| cgguaacaaccuucua                             |                         |                  |          |                            | 18  |
| cgguaacaGccuucua                             |                         |                  |          |                            | 1   |
| cggGacaaccuucua                              |                         |                  |          |                            | 1   |
| cgguaacaaccuucua                             |                         |                  |          |                            | 1   |
| cgguaacaaccuucua                             |                         |                  |          |                            | 18  |
| cgguaacaaccuucua                             |                         |                  |          |                            | 1   |
| cqquacaaUcuucua                              |                         |                  |          |                            | 1   |

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ugaaaaugugcauccggguugagguaguagguuguuagaaugacaccucgggaguuacgguaacaaccuucagcuuuccuuggaguuacacucaugacaucag

|                                      |     |   |     |
|--------------------------------------|-----|---|-----|
| .....cgguacaaccuucagcuuuccuuU.....   | 2   | 1 | s02 |
| .....gguacaaccuucagcuuuccu.....      | 3   | 0 | s02 |
| .....guugagguaguagguugu.....         | 3   | 0 | s01 |
| .....guugagguaguagguuguua.....       | 1   | 0 | s01 |
| .....guugagguaguagguuguau.....       | 2   | 0 | s01 |
| .....guugagguaguagguuguauug.....     | 26  | 0 | s01 |
| .....guugagguaguagguuguUug.....      | 1   | 1 | s01 |
| .....guugagguaguagguuguugaug.....    | 1   | 1 | s01 |
| .....guugagguaguagguuguugauU.....    | 3   | 1 | s01 |
| .....guugagguaguagguuguugauA.....    | 3   | 1 | s01 |
| .....guugagguAaguagguuguauugg.....   | 6   | 1 | s01 |
| .....guugagguGaguagguuguauugg.....   | 2   | 1 | s01 |
| .....guugagguGuaCuagguuguauugg.....  | 1   | 1 | s01 |
| .....guugCgguaguagguuguauugg.....    | 1   | 1 | s01 |
| .....guugagguaguagguuguauugg.....    | 108 | 0 | s01 |
| .....guugagguaguagguuguuaGgg.....    | 1   | 1 | s01 |
| .....guugagguaguagguuguugaug.....    | 2   | 1 | s01 |
| .....guugagguaguagguuguuaGgggu.....  | 1   | 1 | s01 |
| .....guugagguaguGggguuguauuggu.....  | 1   | 1 | s01 |
| .....guugCgguaguagguuguauuggu.....   | 2   | 1 | s01 |
| .....guugGggguaguagguuguauuggu.....  | 2   | 1 | s01 |
| .....gAugagguaguagguuguauuggu.....   | 2   | 1 | s01 |
| .....guugagguaguagguuguugaugG.....   | 4   | 1 | s01 |
| .....guugagguagAagguuguauuggu.....   | 1   | 1 | s01 |
| .....guugagguaguagguuuUauuggu.....   | 2   | 1 | s01 |
| .....guugagguagGagguuguauuggu.....   | 7   | 1 | s01 |
| .....guugagguagCagguuguauuggu.....   | 2   | 1 | s01 |
| .....guugagguaguagguGuguauggu.....   | 2   | 1 | s01 |
| .....guugagguuUguagguuguauuggu.....  | 2   | 1 | s01 |
| .....guugagguuCguagguuguauuggu.....  | 2   | 1 | s01 |
| .....guugagAuaguagguuguauuggu.....   | 1   | 1 | s01 |
| .....guugagguaguagguuugCauuggu.....  | 2   | 1 | s01 |
| .....guugagguaguagguuguauugUu.....   | 1   | 1 | s01 |
| .....guugagguuaAuagguuguauuggu.....  | 1   | 1 | s01 |
| .....guugagguGaguagguuguauuggu.....  | 7   | 1 | s01 |
| .....guugagguaguagguuguauuggA.....   | 6   | 1 | s01 |
| .....guugagguaguagguuguauuggC.....   | 1   | 1 | s01 |
| .....guugagguaguagguuugAauuggu.....  | 1   | 1 | s01 |
| .....guugagguaguagguuguauuggu.....   | 577 | 0 | s01 |
| .....guugagguAaguagguuguauuggu.....  | 8   | 1 | s01 |
| .....guGgagguaguagguuguauuggu.....   | 1   | 1 | s01 |
| .....guugagguaguagguuugCuuggu.....   | 1   | 1 | s01 |
| .....guuCagguaguagguuguauuggu.....   | 1   | 1 | s01 |
| .....guugagguaguagguuugGauuggu.....  | 2   | 1 | s01 |
| .....guugagguaguagguuugUuggu.....    | 1   | 1 | s01 |
| .....guugUgguaguagguuguauuggu.....   | 1   | 1 | s01 |
| .....guugagguaguagguuugauugguC.....  | 2   | 1 | s01 |
| .....guugagguGaguagguuguauugguu..... | 2   | 1 | s01 |
| .....guugagguaguagguuguauuggAu.....  | 1   | 1 | s01 |
| .....guuNagguaguagguuguauugguu.....  | 1   | 1 | s01 |
| .....guugagguaguagguuguauugguG.....  | 1   | 1 | s01 |
| .....guugagguaguagguuguauugguA.....  | 4   | 1 | s01 |
| .....guugagguaguagguuugAauugguu..... | 1   | 1 | s01 |
| .....guugagguaguagguGuguaugguu.....  | 2   | 1 | s01 |
| .....guugagguaguagguuuUauugguu.....  | 3   | 1 | s01 |
| .....guugagguaguagguuugCuugguu.....  | 1   | 1 | s01 |
| .....guugagguaguagguuugGauugguu..... | 7   | 1 | s01 |
| .....guugagguaguagguuguauugguu.....  | 427 | 0 | s01 |
| .....guugagguuUguagguuguauugguu..... | 1   | 1 | s01 |
| .....guugagguagGagguuguauugguu.....  | 1   | 1 | s01 |
| .....guugagguAaguagguuguauugguu..... | 3   | 1 | s01 |
| .....guugGggguaguagguuguauugguu..... | 4   | 1 | s01 |
| .....guugagguaguagguuugCauugguu..... | 1   | 1 | s01 |
| .....guuUagguaguagguuguauugguu.....  | 1   | 1 | s01 |
| .....guugagguaguagguGuguaugguuu..... | 1   | 1 | s01 |
| .....guugagguaguagguuguauugguuu..... | 9   | 0 | s01 |
| .....Auugagguaguagguuguauugguuu..... | 1   | 1 | s01 |
| .....guugagguaguagguuguauugguuA..... | 1   | 1 | s01 |
| .....uugagguaguagguuugAug.....       | 1   | 1 | s01 |

## Mature

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ugaaaaugugcauccggguugagguaguagguuuguuuagaaugacaccucgggaguuacgguaacaaccuucagcuuuccuuggaguacacucaugacaucag

|                                     |     |   |     |
|-------------------------------------|-----|---|-----|
| .....uugagguagGagguuuguaug.....     | 1   | 1 | s01 |
| .....uugagguaguagguuuguaug.....     | 6   | 0 | s01 |
| .....uugagguaguagguuuguaugg.....    | 20  | 0 | s01 |
| .....uugagguaguagguuuguaugA.....    | 1   | 1 | s01 |
| .....uugGgguaguagguuuguauggu.....   | 1   | 1 | s01 |
| .....uugagguaguagguuugGuggu.....    | 1   | 1 | s01 |
| .....uugaggGaguagguuuguauggu.....   | 2   | 1 | s01 |
| .....uugagguaguagguuugCuuggu.....   | 2   | 1 | s01 |
| .....uugagguaguagguuugAauggu.....   | 1   | 1 | s01 |
| .....uugagguagGagguuuguauggu.....   | 3   | 1 | s01 |
| .....uugNgguaguagguuuguauggu.....   | 1   | 1 | s01 |
| .....uugagguaguagguuugGauuggu.....  | 1   | 1 | s01 |
| .....uugagguaguagguuuguauggG.....   | 4   | 1 | s01 |
| .....uuAagguaguagguuuguauggu.....   | 1   | 1 | s01 |
| .....Cuagguaguagguuuguauggu.....    | 4   | 1 | s01 |
| .....uugagguaguagguuuguauggu.....   | 225 | 0 | s01 |
| .....uugagguaguagguuuUuauggu.....   | 2   | 1 | s01 |
| .....uugagguaguagguGuguauggu.....   | 1   | 1 | s01 |
| .....uugagguaguagguuugCuugguu.....  | 1   | 1 | s01 |
| .....uugagguaguagguuuguaugguu.....  | 129 | 0 | s01 |
| .....uugagguaguagguuuguaugguA.....  | 3   | 1 | s01 |
| .....Guagguaguagguuuguaugguu.....   | 1   | 1 | s01 |
| .....uugaggAaguagguuuguaugguu.....  | 1   | 1 | s01 |
| .....Augagguaguagguuuguaugguu.....  | 1   | 1 | s01 |
| .....uugGgguaguagguuuguaugguu.....  | 2   | 1 | s01 |
| .....uugaggGaguagguuuguaugguu.....  | 1   | 1 | s01 |
| .....Cuagguaguagguuuguaugguu.....   | 13  | 1 | s01 |
| .....uugagguaguagguuuguauggGu.....  | 2   | 1 | s01 |
| .....uugagguuUuagguuuguaugguu.....  | 1   | 1 | s01 |
| .....uugagguaguagguuugGauugguu..... | 1   | 1 | s01 |
| .....uugagguaguagguuuUuaugguu.....  | 1   | 1 | s01 |
| .....uugagguagGagguuuguaugguu.....  | 3   | 1 | s01 |
| .....uugagguaguagguuuguaugguAu..... | 1   | 1 | s01 |
| .....Cuagguaguagguuuguaugguuu.....  | 2   | 1 | s01 |
| .....uugagguaguagguuuguaugguuu..... | 3   | 0 | s01 |
| .....uGCgguaguagguuugua.....        | 2   | 1 | s01 |
| .....ugagAuaguagguuugua.....        | 1   | 1 | s01 |
| .....ugagguagAagguuugua.....        | 1   | 1 | s01 |
| .....ugagguaguagguuuguaG.....       | 4   | 1 | s01 |
| .....ugagguagGagguuugua.....        | 3   | 1 | s01 |
| .....ugagguaguagguuuguaA.....       | 19  | 1 | s01 |
| .....ugagguaguagguuugua.....        | 320 | 0 | s01 |
| .....ugGgguaguagguuugua.....        | 2   | 1 | s01 |
| .....ugagguaguGgguuugua.....        | 1   | 1 | s01 |
| .....ugagguUguagguuugua.....        | 1   | 1 | s01 |
| .....ugagguaguaggGugua.....         | 1   | 1 | s01 |
| .....ugaggGaguagguuugua.....        | 9   | 1 | s01 |
| .....ugagguaguagUuugua.....         | 25  | 1 | s01 |
| .....ugaggAaguagguuugua.....        | 1   | 1 | s01 |
| .....ugagguagCagguuugua.....        | 1   | 1 | s01 |
| .....ugaggCaguagguuuguaug.....      | 3   | 1 | s01 |
| .....ugagguaguaggGuguaug.....       | 6   | 1 | s01 |
| .....ugagguaguagguuuguaAg.....      | 2   | 1 | s01 |
| .....ugagguaguGgguuuguaug.....      | 4   | 1 | s01 |
| .....ugaggGaguagguuuguaug.....      | 31  | 1 | s01 |
| .....ugagguaguagguuugUug.....       | 1   | 1 | s01 |
| .....ugagguGguagguuuguaug.....      | 1   | 1 | s01 |
| .....ugagguaguagguuuguaug.....      | 823 | 0 | s01 |
| .....ugagguaguagguuuguaCg.....      | 1   | 1 | s01 |
| .....ugGgguaguagguuuguaug.....      | 1   | 1 | s01 |
| .....ugagguaguagguuuguaU.....       | 12  | 1 | s01 |
| .....Cgagguaguagguuuguaug.....      | 1   | 1 | s01 |
| .....ugagguagGagguuuguaug.....      | 1   | 1 | s01 |
| .....ugCgguaguagguuuguaug.....      | 2   | 1 | s01 |
| .....ugagguaguaggCuguaug.....       | 1   | 1 | s01 |
| .....ugagAuaguagguuuguaug.....      | 2   | 1 | s01 |
| .....ugagguagAagguuuguaug.....      | 1   | 1 | s01 |
| .....ugaggAaguagguuuguaug.....      | 6   | 1 | s01 |
| .....ugagAuaguagguuuguaugg.....     | 1   | 1 | s01 |
| .....ugagguaguagguuugGauagg.....    | 4   | 1 | s01 |

## Mature

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|                     |                    |                       |           |                |            |                     |      |
|---------------------|--------------------|-----------------------|-----------|----------------|------------|---------------------|------|
| ugaaaaugugcauccgggu | ugagguaguagguuuguu | uagaaugacaccucgggaguu | aa        | cgguaacaaccuuc | uagcuuuccu | uggaguuacacucaugaca | caag |
| .....ugagguagu      | Ggguuguau          | gg.....               |           |                |            |                     | 6    |
| .....uUagguagu      | agguuuguau         | gg.....               |           |                |            |                     | 1    |
| .....ugagguagu      | agguuugu           | aCgg.....             |           |                |            |                     | 3    |
| .....ugagguagu      | agguuugu           | Ugg.....              |           |                |            |                     | 2    |
| .....ugagguag       | Gagguuugu          | au                    | gg.....   |                |            |                     | 8    |
| .....ugagguagu      | agguuugu           | augC.....             |           |                |            |                     | 2    |
| .....ugGgguagu      | agguuugu           | au                    | gg.....   |                |            |                     | 4    |
| .....ugCgguagu      | agguuugu           | au                    | gg.....   |                |            |                     | 8    |
| .....ugaggCagu      | agguuugu           | au                    | gg.....   |                |            |                     | 6    |
| .....ugagguagu      | aggCugu            | au                    | gg.....   |                |            |                     | 7    |
| .....ugagguUgu      | agguuugu           | au                    | gg.....   |                |            |                     | 3    |
| .....ugagguagu      | agguu              | Cu                    | au        | gg.....        |            |                     | 1    |
| .....ugagguagu      | agUuu              | gu                    | au        | gg.....        |            |                     | 1    |
| .....ugagguCgu      | agguuugu           | au                    | gg.....   |                |            |                     | 1    |
| .....ugagguagu      | agguu              | gA                    | au        | gg.....        |            |                     | 1    |
| .....ugagguag       | Aagguu             | gu                    | au        | gg.....        |            |                     | 4    |
| .....ugagguagu      | Cgguuugu           | au                    | gg.....   |                |            |                     | 1    |
| .....ugagguagu      | agggGu             | gu                    | au        | gg.....        |            |                     | 13   |
| .....Cgagguagu      | agguuugu           | au                    | gg.....   |                |            |                     | 2    |
| .....uCagguagu      | agguuugu           | au                    | gg.....   |                |            |                     | 1    |
| .....ugaggAagu      | agguuugu           | au                    | gg.....   |                |            |                     | 22   |
| .....ugagguagu      | agguu              | U                     | au        | gg.....        |            |                     | 2    |
| .....uAagguagu      | agguuugu           | au                    | gg.....   |                |            |                     | 1    |
| .....ugagguGgu      | agguuugu           | au                    | gg.....   |                |            |                     | 2    |
| .....ugagguagu      | agguu              | U                     | g.....    |                |            |                     | 8    |
| .....ugagguagu      | agguuugu           | a                     | gA.....   |                |            |                     | 79   |
| .....ugagguagu      | agguuugu           | au                    | gg.....   |                |            |                     | 2081 |
| .....ugaggua        | Auagguuugu         | au                    | gg.....   |                |            |                     | 2    |
| .....ugagguagu      | aggAugu            | au                    | gg.....   |                |            |                     | 4    |
| .....ugagguagu      | agguu              | Au                    | au        | gg.....        |            |                     | 2    |
| .....ugagguagu      | agguuugu           | a                     | gU.....   |                |            |                     | 49   |
| .....ugagguagu      | agguuugu           | a                     | Cg.....   |                |            |                     | 9    |
| .....ugaggGagu      | agguuugu           | au                    | gg.....   |                |            |                     | 79   |
| .....ugagUu         | aguagguuugu        | au                    | gg.....   |                |            |                     | 2    |
| .....ugagguagu      | agguuugu           | a                     | Ggg.....  |                |            |                     | 1    |
| .....Cgagguagu      | agguuugu           | au                    | gggu..... |                |            |                     | 1    |
| .....ugagguagu      | agguuugu           | au                    | gggu..... |                |            |                     | 8166 |
| .....ugagUu         | aguagguuugu        | au                    | gggu..... |                |            |                     | 2    |
| .....ugagguagu      | agguuGgu           | au                    | gggu..... |                |            |                     | 1    |
| .....ugaggua        | Auagguuugu         | au                    | gggu..... |                |            |                     | 5    |
| .....ugagguagu      | agguuUu            | au                    | gggu..... |                |            |                     | 2    |
| .....ugagguagu      | aCguuugu           | au                    | gggu..... |                |            |                     | 1    |
| .....ugagguagu      | agguuugu           | a                     | ggC.....  |                |            |                     | 42   |
| .....ugagguagu      | aUguuugu           | au                    | gggu..... |                |            |                     | 1    |
| .....ugagguagu      | agguuugu           | a                     | gUu.....  |                |            |                     | 6    |
| .....ugagguagu      | agguuugu           | U                     | gggu..... |                |            |                     | 2    |
| .....ugagguagu      | agguuugu           | C                     | gggu..... |                |            |                     | 1    |
| .....ugagguagu      | agguuugu           | a                     | Ugu.....  |                |            |                     | 19   |
| .....ugagguag       | Cagguuugu          | au                    | gggu..... |                |            |                     | 2    |
| .....ugagguagu      | agguuugG           | au                    | gggu..... |                |            |                     | 12   |
| .....ugagguagu      | agguuugu           | a                     | Aggu..... |                |            |                     | 1    |
| .....ugagguagu      | agguuugu           | a                     | gAu.....  |                |            |                     | 1    |
| .....ugagguagu      | agAu               | u                     | gggu..... |                |            |                     | 2    |
| .....ugagguagu      | agAu               | u                     | gggu..... |                |            |                     | 1    |
| .....ugagCu         | aguagguuugu        | au                    | gggu..... |                |            |                     | 1    |
| .....ugagguagu      | agCu               | u                     | gggu..... |                |            |                     | 1    |
| .....ugagguagu      | agguuAu            | au                    | gggu..... |                |            |                     | 2    |
| .....ugagguagu      | agUu               | gu                    | au        | gggu.....      |            |                     | 2    |
| .....uUagguagu      | agguuugu           | au                    | gggu..... |                |            |                     | 3    |
| .....ugagguagu      | aAguuugu           | au                    | gggu..... |                |            |                     | 2    |
| .....ugaggCagu      | agguuugu           | au                    | gggu..... |                |            |                     | 22   |
| .....ugagguUgu      | agguuugu           | au                    | gggu..... |                |            |                     | 6    |
| .....ugaggAagu      | agguuugu           | au                    | gggu..... |                |            |                     | 65   |
| .....Ggagguagu      | agguuugu           | au                    | gggu..... |                |            |                     | 10   |
| .....ugagguagu      | agguuugu           | a                     | gCu.....  |                |            |                     | 2    |
| .....ugagguGgu      | agguuugu           | au                    | gggu..... |                |            |                     | 6    |
| .....ugagguagu      | agguu              | gA                    | u         | gggu.....      |            |                     | 5    |
| .....ugagguag       | Aagguuugu          | au                    | gggu..... |                |            |                     | 9    |
| .....ugagguagu      | agguuugu           | C                     | gggu..... |                |            |                     | 7    |
| .....ugagguagu      | agggCugu           | au                    | gggu..... |                |            |                     | 8    |
| .....ugaggGagu      | agguuugu           | au                    | gggu..... |                |            |                     | 259  |

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ugaaaaugugugcauccggguugagguaguagguuugauugguuuagaaugacaccucgggaguuacgguacaaccuucugcuuuccuuggaguuacacucaugacaucaag

|                                    |       |   |     |
|------------------------------------|-------|---|-----|
| .....ugagguaguagguuuguaGggu.....   | 1     | 1 | s01 |
| .....ugagguaguGgguuuguauggu.....   | 30    | 1 | s01 |
| .....ugagguaguagguAguauggu.....    | 2     | 1 | s01 |
| .....ugagguaguagguuuguauCgu.....   | 22    | 1 | s01 |
| .....ugUgguaguagguuuguauggu.....   | 6     | 1 | s01 |
| .....Agagguaguagguuuguauggu.....   | 3     | 1 | s01 |
| .....ugGgguaguagguuuguauggu.....   | 15    | 1 | s01 |
| .....ugagguaguagguuuguauggG.....   | 59    | 1 | s01 |
| .....ugagguaguagguGuguauggu.....   | 69    | 1 | s01 |
| .....ugagguaguCgguuuguauggu.....   | 3     | 1 | s01 |
| .....ugagguaguagguugCauggu.....    | 2     | 1 | s01 |
| .....ugagAuaugagguuuguauggu.....   | 1     | 1 | s01 |
| .....ugagguagGagguuuguauggu.....   | 23    | 1 | s01 |
| .....uCagguaguagguuuguauggu.....   | 1     | 1 | s01 |
| .....ugaUguaguagguuuguauggu.....   | 2     | 1 | s01 |
| .....ugagguCguagguuuguauggu.....   | 3     | 1 | s01 |
| .....ugagguaguagguuCuauggu.....    | 2     | 1 | s01 |
| .....uAagguaguagguuuguauggu.....   | 1     | 1 | s01 |
| .....ugagguaguagguuuguauggA.....   | 92    | 1 | s01 |
| .....ugCgguaguagguuuguauggu.....   | 28    | 1 | s01 |
| .....Ngagguaguagguuuguaugguu.....  | 4     | 1 | s01 |
| .....ugagguaguagguGguaugguu.....   | 7     | 1 | s01 |
| .....ugagguauUagguuuguaugguu.....  | 17    | 1 | s01 |
| .....ugaAguaguagguuuguaugguu.....  | 11    | 1 | s01 |
| .....ugagguaguagguuUuaugguu.....   | 21    | 1 | s01 |
| .....ugagguGguaagguuuguaugguu..... | 74    | 1 | s01 |
| .....ugagguaguagguuuguaugCuu.....  | 2     | 1 | s01 |
| .....ugagguaguagUuuguaugguu.....   | 72    | 1 | s01 |
| .....Agagguaguagguuuguaugguu.....  | 22    | 1 | s01 |
| .....ugagguaguagguugGaugguu.....   | 105   | 1 | s01 |
| .....ugagguaguagguuCuaugguu.....   | 24    | 1 | s01 |
| .....ugagguaguagguuuguaugguG.....  | 27    | 1 | s01 |
| .....ugagguaguagguCguaugguu.....   | 17    | 1 | s01 |
| .....ugaCguaagguuuguaugguu.....    | 4     | 1 | s01 |
| .....ugCgguaguagguuuguaugguu.....  | 178   | 1 | s01 |
| .....ugaUguaguagguuuguaugguu.....  | 18    | 1 | s01 |
| .....ugaggCaguagguuuguaugguu.....  | 171   | 1 | s01 |
| .....ugagguaguaCguuuguaugguu.....  | 21    | 1 | s01 |
| .....ugagguaguagguuuguauNguu.....  | 1     | 1 | s01 |
| .....ugagguCguagguuuguaugguu.....  | 15    | 1 | s01 |
| .....ugagguaguagguuuguCugguu.....  | 10    | 1 | s01 |
| .....uNagguaguagguuuguaugguu.....  | 3     | 1 | s01 |
| .....ugagguaguagguuAuaugguu.....   | 23    | 1 | s01 |
| .....ugagguaguagCuuguaugguu.....   | 12    | 1 | s01 |
| .....ugagguaguagAuuguaugguu.....   | 34    | 1 | s01 |
| .....ugagguaguagguGuguaugguu.....  | 477   | 1 | s01 |
| .....ugagguaguagguuuguaugguC.....  | 26    | 1 | s01 |
| .....ugagguagAagguuuguaugguu.....  | 103   | 1 | s01 |
| .....ugagguaguagguuugUugguu.....   | 46    | 1 | s01 |
| .....ugagguaguagguuuguauggCu.....  | 96    | 1 | s01 |
| .....ugagguaguagguuuguaCgguu.....  | 39    | 1 | s01 |
| .....ugaNguaguagguuuguaugguu.....  | 8     | 1 | s01 |
| .....ugagguauAagguuuguaugguu.....  | 25    | 1 | s01 |
| .....ugagUuaugagguuuguaugguu.....  | 10    | 1 | s01 |
| .....ugagguaguagguAguauugguu.....  | 2     | 1 | s01 |
| .....ugagguauCuagguuuguaugguu..... | 5     | 1 | s01 |
| .....ugagguaguagguuuguaUguu.....   | 448   | 1 | s01 |
| .....ugagguaguagguuuguaugguA.....  | 590   | 1 | s01 |
| .....ugagguaguagguugCaugguu.....   | 19    | 1 | s01 |
| .....ugagguaguagguuuguaGgguu.....  | 95    | 1 | s01 |
| .....ugGgguaguagguuuguaugguu.....  | 129   | 1 | s01 |
| .....ugaggGaguagguuuguaugguu.....  | 1927  | 1 | s01 |
| .....ugagguagGagguuuguaugguu.....  | 170   | 1 | s01 |
| .....ugagguaguagguuuguaugguu.....  | 60314 | 0 | s01 |
| .....ugagguUguagguuuguaugguu.....  | 45    | 1 | s01 |
| .....Cgagguaguagguuuguaugguu.....  | 15    | 1 | s01 |
| .....ugagguaguGgguuuguaugguu.....  | 259   | 1 | s01 |
| .....uUagguaguagguuuguaugguu.....  | 24    | 1 | s01 |
| .....ugagguaguagguCuguaugguu.....  | 132   | 1 | s01 |
| .....ugagguaguagguAuguaugguu.....  | 40    | 1 | s01 |

## Mature

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|                                     |                         |                      |                         |                         |  |  |  |
|-------------------------------------|-------------------------|----------------------|-------------------------|-------------------------|--|--|--|
| ugaaaaugugcauccgggu                 | ugagguaguagguuuguagguuu | uagaugacaccucgggaguu | acgguacaaccuucagcuuuccu | uggaguacacucaugacaugaag |  |  |  |
| .....uGUgguaguagguuuguagguuu.....   | 39                      | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguaAguuuguagguuu.....   | 8                       | 1                    |                         | s01                     |  |  |  |
| .....ugaggAaguagguuuguagguuu.....   | 517                     | 1                    |                         | s01                     |  |  |  |
| .....ugagguagCagguuuguagguuu.....   | 60                      | 1                    |                         | s01                     |  |  |  |
| .....Ggagguaguagguuuguagguuu.....   | 19                      | 1                    |                         | s01                     |  |  |  |
| .....uAagguaguagguuuguagguuu.....   | 18                      | 1                    |                         | s01                     |  |  |  |
| .....uGNgguaguagguuuguagguuu.....   | 9                       | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguagguuuguagguAu.....   | 39                      | 1                    |                         | s01                     |  |  |  |
| .....ugagCuaguagguuuguagguuu.....   | 8                       | 1                    |                         | s01                     |  |  |  |
| .....ugagAuaguagguuuguagguuu.....   | 21                      | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguagguuuguagUuu.....    | 22                      | 1                    |                         | s01                     |  |  |  |
| .....uCagguaguagguuuguagguuu.....   | 4                       | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguaUguuuguagguuu.....   | 11                      | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguagguuuguagAu.....     | 4                       | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguagguuugAaugguuu.....  | 114                     | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguagguuuguagggGu.....   | 141                     | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguagguuuguauCguu.....   | 494                     | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguagguuuguAagguu.....   | 13                      | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguCgguuuguagguuu.....   | 38                      | 1                    |                         | s01                     |  |  |  |
| .....ugagguCguagguuuguagguuu.....   | 1                       | 1                    |                         | s01                     |  |  |  |
| .....ugagguagCagguuuguagguuu.....   | 2                       | 1                    |                         | s01                     |  |  |  |
| .....ugaggCaguagguuuguagguuu.....   | 6                       | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguagguuuguagguGu.....   | 1                       | 1                    |                         | s01                     |  |  |  |
| .....uCGguaguagguuuguagguuu.....    | 4                       | 1                    |                         | s01                     |  |  |  |
| .....uGUgguaguagguuuguagguuu.....   | 1                       | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguagguuuguagggAu.....   | 3                       | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguagguuuguACgguuu.....  | 2                       | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguagguuuguagguAu.....   | 25                      | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguCgguuuguagguuu.....   | 1                       | 1                    |                         | s01                     |  |  |  |
| .....ugagguagGagguuuguagguuu.....   | 5                       | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguagguuuguagUuuu.....   | 2                       | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguagguuuguagguuu.....   | 1763                    | 0                    |                         | s01                     |  |  |  |
| .....ugagguaguagguuuguauCguuu.....  | 13                      | 1                    |                         | s01                     |  |  |  |
| .....ugagguGguagguuuguagguuu.....   | 2                       | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguaggAuguagguuu.....    | 1                       | 1                    |                         | s01                     |  |  |  |
| .....uGGguaguagguuuguagguuu.....    | 5                       | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguagguuuguauUguuu.....  | 15                      | 1                    |                         | s01                     |  |  |  |
| .....Ggagguaguagguuuguagguuu.....   | 1                       | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguagguuAuagguuu.....    | 2                       | 1                    |                         | s01                     |  |  |  |
| .....ugaggGaguagguuuguagguuu.....   | 57                      | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguagguuuguagggGu.....   | 5                       | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguagguuuguagguuG.....   | 10                      | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguagguuuguAGgguuu.....  | 2                       | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguagguuuguagggCu.....   | 1                       | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguagguuuguagguCu.....   | 1                       | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguagguuGuUgguuu.....    | 1                       | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguaggCuuguagguuu.....   | 7                       | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguagguugGaugguu.....    | 5                       | 1                    |                         | s01                     |  |  |  |
| .....ugagguagAagguuuguagguuu.....   | 2                       | 1                    |                         | s01                     |  |  |  |
| .....ugagguUguagguuuguagguuu.....   | 3                       | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguagguuuguagguuA.....   | 1879                    | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguagguuuguagguuC.....   | 13                      | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguGgguuuguagguuu.....   | 12                      | 1                    |                         | s01                     |  |  |  |
| .....uUagguaguagguuuguagguuu.....   | 1                       | 1                    |                         | s01                     |  |  |  |
| .....ugaggAaguagguuuguagguuu.....   | 15                      | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguaggGuuguagguuu.....   | 12                      | 1                    |                         | s01                     |  |  |  |
| .....ugaNguaguagguuuguagguuu.....   | 1                       | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguagguuuguagguAua.....  | 1                       | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguagguuuguagguuuU.....  | 102                     | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguagguuuguagguuAa.....  | 107                     | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguagguuuguagguuGa.....  | 9                       | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguagguuuguGugguuu.....  | 6                       | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguuUgguuuguagguuu.....  | 10                      | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguagguuuguauAguuu.....  | 32                      | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguagguuuguagguuuC.....  | 3                       | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguagguuuguagguuuu.....  | 17                      | 0                    |                         | s01                     |  |  |  |
| .....ugagguaguagguuuguagguuuuU..... | 1                       | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguagguuuguagguuuag..... | 4                       | 0                    |                         | s01                     |  |  |  |
| .....ugagguagGagguuuguagguuuag..... | 1                       | 1                    |                         | s01                     |  |  |  |
| .....ugagguaguagguuuguagguuAag..... | 3                       | 1                    |                         | s01                     |  |  |  |

## Mature

## Star

|                       |                            |                        |                |            |                           |     |
|-----------------------|----------------------------|------------------------|----------------|------------|---------------------------|-----|
| ugaaaaugugugcauccgggu | ugagguaguagguuuguaugguuu   | uagaaugacaccugggaguuaa | cgguaacaaccuuc | uagcuuuccu | uggaguuacacucaugacaaucaag |     |
| .....                 | ugagguaguagguuuguaugguuuA  | .....                  | 1              | 1          | s01                       |     |
| .....                 | gagguaguagguugCaug         | .....                  | 1              | 1          | s01                       |     |
| .....                 | gagguaguagguuuguaug        | .....                  | 1              | 0          | s01                       |     |
| .....                 | gagguaguagguuuguaugg       | .....                  | 2              | 0          | s01                       |     |
| .....                 | gagguaguagguuuguauggu      | .....                  | 4              | 0          | s01                       |     |
| .....                 | gagguaguagguuuguauggA      | .....                  | 1              | 1          | s01                       |     |
| .....                 | gagguaguagguuuguaugguu     | .....                  | 22             | 0          | s01                       |     |
| .....                 | gagguagAagguuuguaugguu     | .....                  | 1              | 1          | s01                       |     |
| .....                 | gaggCaguagguuuguaugguu     | .....                  | 1              | 1          | s01                       |     |
| .....                 | gagguaguagguuuguaUguuu     | .....                  | 1              | 1          | s01                       |     |
| .....                 | aggGaguagguuuguaugg        | .....                  | 1              | 1          | s01                       |     |
| .....                 | agguaguagguuuguauggu       | .....                  | 1              | 0          | s01                       |     |
| .....                 | agguaguagguuuguaGgggu      | .....                  | 1              | 1          | s01                       |     |
| .....                 | agguaguagguGuguagguuu      | .....                  | 1              | 1          | s01                       |     |
| .....                 | agguaguagguuuguaugguu      | .....                  | 11             | 0          | s01                       |     |
| .....                 | ggguaguagguuuguaugguu      | .....                  | 3              | 0          | s01                       |     |
| .....                 | guagCagguuuguaugguu        | .....                  | 1              | 1          | s01                       |     |
| .....                 | guaguagguuuguaugguu        | .....                  | 4              | 0          | s01                       |     |
| .....                 | uaguagguuuguaugguuuag      | .....                  | 1              | 0          | s01                       |     |
| .....                 | uaguagguuuguaugguuuaga     | .....                  | 5              | 0          | s01                       |     |
| .....                 | uaguagguuugCaugguuuaga     | .....                  | 1              | 1          | s01                       |     |
| .....                 | uaguagguuuguaugguuuagaaU   | .....                  | 4              | 0          | s01                       |     |
| .....                 | uaguagguuuguaugguuuagaaA   | .....                  | 1              | 1          | s01                       |     |
| .....                 | uaguagguuuguaugguuuagaaug  | .....                  | 1              | 0          | s01                       |     |
| .....                 | uaguagguuuguaugguuuagaauga | .....                  | 1              | 0          | s01                       |     |
| .....                 | uagaaugacaccuggggagu       | .....                  | 1              | 0          | s01                       |     |
| .....                 | uagaaugacaccugggaguua      | .....                  | 3              | 0          | s01                       |     |
| .....                 | uagaaugacaccugggaguuaa     | .....                  | 21             | 0          | s01                       |     |
| .....                 | uagaaugacaccuggggGguuaa    | .....                  | 2              | 1          | s01                       |     |
| .....                 | uagaaugacaccugggaguuaU     | .....                  | 1              | 1          | s01                       |     |
| .....                 | guuaacgguaacaaccuuc        | uagc                   | 18             | 0          | s01                       |     |
| .....                 | uuaccgguacaaccuuc          | uagc                   | 1              | 0          | s01                       |     |
| .....                 | cgguaacaaccuuc             | uagcu                  | 1              | 0          | s01                       |     |
| .....                 | cggGacaaccuuc              | uagcuuu                | 1              | 1          | s01                       |     |
| .....                 | cgguaacaaccuuc             | uagcuuuc               | 8              | 0          | s01                       |     |
| .....                 | cCguacaaccuuc              | uagcuuuc               | 1              | 1          | s01                       |     |
| .....                 | cAguacaaccuuc              | uagcuuucc              | 1              | 1          | s01                       |     |
| .....                 | cgguaacaaccuuc             | uagAuuucc              | 1              | 1          | s01                       |     |
| .....                 | cCguacaaccuuc              | uagcuuucc              | 2              | 1          | s01                       |     |
| .....                 | cgguaacaA                  | Acuuc                  | uagcuuucc      | 1          | 1                         | s01 |
| .....                 | cgguaacaaccuuc             | uagcuuGcc              | 1              | 1          | s01                       |     |
| .....                 | cgguaacaaccuuc             | uagcuuucc              | 79             | 0          | s01                       |     |
| .....                 | cggCacaaccuuc              | uagcuuucc              | 1              | 1          | s01                       |     |
| .....                 | cgguCcaaccuuc              | uagcuuuccu             | 1              | 1          | s01                       |     |
| .....                 | cgguaacaC                  | ccuuc                  | uagcuuuccu     | 1          | 1                         | s01 |
| .....                 | cggGacaaccuuc              | uagcuuuccu             | 1              | 1          | s01                       |     |
| .....                 | cgguaacaaccuuc             | uagcuuuccu             | 8              | 0          | s01                       |     |
| .....                 | cgguaacaA                  | Acuuc                  | uagcuuuccuu    | 1          | 1                         | s01 |
| .....                 | cgguaacaaccuuc             | uagcuuuccuu            | 11             | 0          | s01                       |     |
| .....                 | cgguaacaaccuuc             | uagcuuuccuuU           | 1              | 1          | s01                       |     |
| .....                 | uacaaccu                   | Ccuagcuuuc             | 1              | 1          | s01                       |     |
| .....                 | acaaccuuc                  | uagcuuuccuu            | 1              | 0          | s01                       |     |