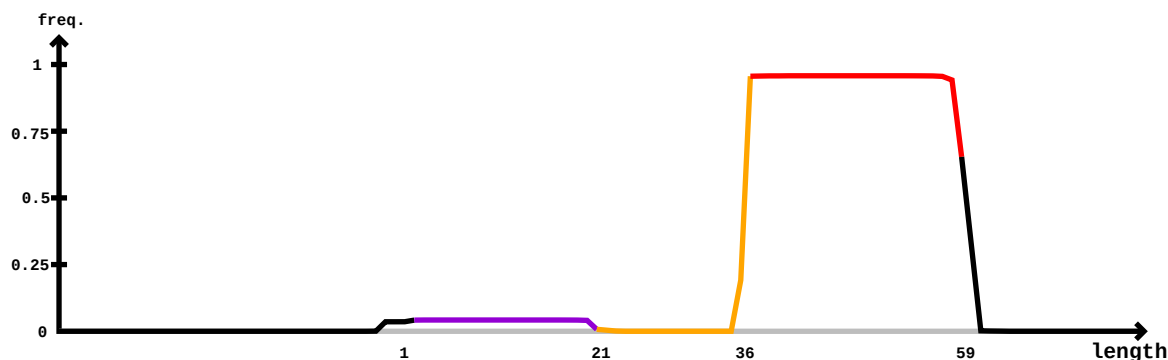




## Mature

[illegible]

## Star

## Mature

gugacguguaugauuuuauucugcagaucucugcuaguuuugcauaguugcacucaagaaaaauagaguugugcaaaucuaugcaaaacugucgguggccugugugucca

|                                     |      |   |     |
|-------------------------------------|------|---|-----|
| .....uugugcaaaucuaugcaaaGacu.....   | 1    | 1 | s02 |
| .....uugugcaaaucuaugcaaaacu.....    | 107  | 0 | s02 |
| .....uugugcaaaucuaugcaaaCcu.....    | 4    | 1 | s02 |
| .....uugugcaaaGucuaugcaaaacu.....   | 1    | 1 | s02 |
| .....uugugcUaaucuaugcaaaacu.....    | 1    | 1 | s02 |
| .....uugCgcaaaucuaugcaaaacu.....    | 2    | 1 | s02 |
| .....uugugcaaUucuaugcaaaacu.....    | 1    | 1 | s02 |
| .....uugugcaaaucuaugcCaaacu.....    | 1    | 1 | s02 |
| .....uugGgcaaaucuaugcaaaacug.....   | 4    | 1 | s02 |
| .....uugugcaaaucuaUcaaaacug.....    | 1    | 1 | s02 |
| .....uuCugcaaaucuaugcaaaacug.....   | 1    | 1 | s02 |
| .....uugugcaaaucuaugcaUaacug.....   | 1    | 1 | s02 |
| .....uugugcaaaucuaugcaaCacug.....   | 1    | 1 | s02 |
| .....uugugcaaaucuaugAaaaacug.....   | 2    | 1 | s02 |
| .....uugugcaaaucuaugcaaaCcu.....    | 2    | 1 | s02 |
| .....uugugcaaaucUGugcaaaacug.....   | 3    | 1 | s02 |
| .....uugugcaaaucuaugcaaaacug.....   | 1148 | 0 | s02 |
| .....uuguAcaaaucuaugcaaaacug.....   | 1    | 1 | s02 |
| .....Gugugcaaaucuaugcaaaacug.....   | 3    | 1 | s02 |
| .....uugugcaaaucuaugcGaaacug.....   | 1    | 1 | s02 |
| .....uugNgcaaaucuaugcaaaacug.....   | 5    | 1 | s02 |
| .....uugugcaaaucuaugcaaaacuA.....   | 1    | 1 | s02 |
| .....uugugcaaaucuaugGaaaacug.....   | 1    | 1 | s02 |
| .....uugugcaaUucuaugcaaaacug.....   | 1    | 1 | s02 |
| .....uugugcaaaGcuugcaaaacug.....    | 5    | 1 | s02 |
| .....uugugcaaaucuaugUaaaacug.....   | 1    | 1 | s02 |
| .....uugugUaaaucuaugcaaaacug.....   | 3    | 1 | s02 |
| .....Cugugcaaaucuaugcaaaacug.....   | 1    | 1 | s02 |
| .....uugugcaaaucuaugcaaaaGug.....   | 1    | 1 | s02 |
| .....uugugcaaaucuaUGcaaaacug.....   | 2    | 1 | s02 |
| .....uugugGaaaucuaugcaaaacug.....   | 2    | 1 | s02 |
| .....uugugcaaaUGuugcaaaacug.....    | 1    | 1 | s02 |
| .....uugugcaaaUAuugcaaaacug.....    | 2    | 1 | s02 |
| .....uuNugcaaaucuaugcaaaacug.....   | 1    | 1 | s02 |
| .....uugugcaaaucuaugcaaaGcu.....    | 3    | 1 | s02 |
| .....uugugcaaaucCaugcaaaacug.....   | 1    | 1 | s02 |
| .....uugugcaaaucUGcaaaacug.....     | 4    | 1 | s02 |
| .....uugugcaaaUuugcaaaacug.....     | 1    | 1 | s02 |
| .....uuguCaaaucuaugcaaaacug.....    | 1    | 1 | s02 |
| .....uugugcaaaucUGgcaaaacug.....    | 2    | 1 | s02 |
| .....uugugcaaaucuaugcaCaacug.....   | 2    | 1 | s02 |
| .....uugugcaaaucuaugcUaaaacug.....  | 2    | 1 | s02 |
| .....uugugcaaCucuaugcaaaacugu.....  | 2    | 1 | s02 |
| .....uCGugcaaaucuaugcaaaacugu.....  | 1    | 1 | s02 |
| .....uugugcaaaGcuugcaaaacugu.....   | 1    | 1 | s02 |
| .....uugugUaaaucuaugcaaaacugu.....  | 1    | 1 | s02 |
| .....uugugcaaaucuaugcUaaaacugu..... | 1    | 1 | s02 |
| .....uugugcaaaucuaugcaaGacugu.....  | 2    | 1 | s02 |
| .....uugugcaaaucuaUCaaaacugu.....   | 1    | 1 | s02 |
| .....uugugcaaaucuaAcaaaacugu.....   | 1    | 1 | s02 |
| .....Cugugcaaaucuaugcaaaacugu.....  | 4    | 1 | s02 |
| .....uugugcaaaucuaugcaaaUcugu.....  | 2    | 1 | s02 |
| .....uugugcaaaucUGugcaaaacugu.....  | 3    | 1 | s02 |
| .....uugugcaaaucuaugcaaUacugu.....  | 2    | 1 | s02 |
| .....uugugcaaaucuaugcaaaGcugu.....  | 2    | 1 | s02 |
| .....uuAugcaaaucuaugcaaaacugu.....  | 1    | 1 | s02 |
| .....uugCgcaaaucuaugcaaaacugu.....  | 4    | 1 | s02 |
| .....uugugcaaaucuaugAaaaacugu.....  | 1    | 1 | s02 |
| .....uugugcaaaUGuugcaaaacugu.....   | 1    | 1 | s02 |
| .....uugugcaaaucuaugcaaaacugu.....  | 1103 | 0 | s02 |
| .....uugugcaaaucuaugcaaaacugC.....  | 26   | 1 | s02 |
| .....uugugcUaaucuaugcaaaacugu.....  | 1    | 1 | s02 |
| .....uugugcaaaucuaugcaaaacugG.....  | 7    | 1 | s02 |
| .....uugugAaaaucuaugcaaaacugu.....  | 2    | 1 | s02 |
| .....uugugcaaaucuaugcaaCacugu.....  | 3    | 1 | s02 |
| .....uugGgcaaaucuaugcaaaacugu.....  | 1    | 1 | s02 |
| .....uugugcaaaUuugcaaaacugu.....    | 1    | 1 | s02 |
| .....uugugcaaaucuaugcaCaacugu.....  | 5    | 1 | s02 |
| .....uugNgcaaaucuaugcaaaacugu.....  | 1    | 1 | s02 |

## Star

## Mature

gugacguguaugauuuuauucugcagaucucugcuaguuuugcauaguugcacucaagaaaaauagaguugugcaaaucuaugcaaaacugucgguggccugugugucca

|                           |      |   |     |
|---------------------------|------|---|-----|
| uuCugcaaaucuaugcaaaacugu  | 2    | 1 | s02 |
| uugugcaaaucuaugcaaaacuguU | 18   | 1 | s02 |
| uugugcaaaucuaugcaaaacuguA | 20   | 1 | s02 |
| ugugcaaaucuaugcaaa        | 1    | 0 | s02 |
| ugugcaaaucAaugcaaaac      | 1    | 1 | s02 |
| ugugcaaaucuaugcaaaac      | 8    | 0 | s02 |
| ugugcaaaucuaugcaaaacu     | 70   | 0 | s02 |
| ugugcaaaucuaugcaaCacu     | 1    | 1 | s02 |
| ugugcaaaucuaugcaaaaGu     | 2    | 1 | s02 |
| Gugcaaaucuaugcaaaacug     | 5    | 1 | s02 |
| ugugcaaaucuaAgcaaaacug    | 2    | 1 | s02 |
| ugugcaaaucuaugAaaaacug    | 4    | 1 | s02 |
| ugugcaaaucuaugcaaUacug    | 1    | 1 | s02 |
| uguNcaaaucuaugcaaaacug    | 3    | 1 | s02 |
| ugugcaaaucuCugcaaaacug    | 2    | 1 | s02 |
| ugugcaaaucuaugcaaaaAug    | 2    | 1 | s02 |
| ugugcaaaucuaugcaaaaUug    | 1    | 1 | s02 |
| ugugcaaaucuaugcaaaacug    | 2857 | 0 | s02 |
| ugugCUaaucuaugcaaaacug    | 1    | 1 | s02 |
| ugugcaaaaAcuaugcaaaacug   | 1    | 1 | s02 |
| ugugcaaaucuaugCcaaaacug   | 1    | 1 | s02 |
| ugugcaaaucuaugcaaaacuU    | 3    | 1 | s02 |
| ugugcGaaucuaugcaaaacug    | 2    | 1 | s02 |
| ugugcaaaucuaugcaCaacug    | 1    | 1 | s02 |
| ugugcaaCucuaugcaaaacug    | 2    | 1 | s02 |
| ugugcaaaucuaugcCaacug     | 2    | 1 | s02 |
| ugugcaaaucuaugUaaaacug    | 2    | 1 | s02 |
| ugugcaaaucuaugcaUaacug    | 4    | 1 | s02 |
| ugugcaaaucuaUAcaaaacug    | 3    | 1 | s02 |
| ugugcaaaUGuaugcaaaacug    | 3    | 1 | s02 |
| ugugcaaaucuaugcaaaacuA    | 1    | 1 | s02 |
| ugugcaaaucuaugcaaCacug    | 11   | 1 | s02 |
| ugugcaaaucuaugcaaGacug    | 2    | 1 | s02 |
| uguUcaaaucuaugcaaaacug    | 3    | 1 | s02 |
| uCugcaaaucuaugcaaaacug    | 1    | 1 | s02 |
| Agugcaaaucuaugcaaaacug    | 2    | 1 | s02 |
| ugugcaaaucAaugcaaaacug    | 14   | 1 | s02 |
| ugugUaaaucuaugcaaaacug    | 2    | 1 | s02 |
| ugugcaaaucuaugGaaaacug    | 1    | 1 | s02 |
| ugugcaaaaCcuugcaaaacug    | 2    | 1 | s02 |
| ugugcaaGucuaugcaaaacug    | 3    | 1 | s02 |
| ugugcaaaucuaGgcaaaacug    | 3    | 1 | s02 |
| UAugcaaaucuaugcaaaacug    | 3    | 1 | s02 |
| ugugcaaaucuaUcaaaacug     | 8    | 1 | s02 |
| ugugcaaaucuaugUaaaacug    | 1    | 1 | s02 |
| ugugcaaaucuaugcaaaCcug    | 13   | 1 | s02 |
| ugugcaaaucuaugcaGaacug    | 1    | 1 | s02 |
| ugGcaaaucuaugcaaaacug     | 8    | 1 | s02 |
| Cgugcaaaucuaugcaaaacug    | 1    | 1 | s02 |
| ugugcaaUucuaugcaaaacug    | 1    | 1 | s02 |
| ugugAaaaucuaugcaaaacug    | 4    | 1 | s02 |
| ugugcaaaucuaugcaaaGcug    | 2    | 1 | s02 |
| ugugcaaaucuaugcaaaUcug    | 3    | 1 | s02 |
| ugugcaaaucuaugcaaaacAg    | 1    | 1 | s02 |
| ugugcaaaucGaugcaaaacug    | 4    | 1 | s02 |
| ugAgcaaaucuaugcaaaacug    | 4    | 1 | s02 |
| ugCgcaaaucuaugcaaaacug    | 12   | 1 | s02 |
| ugugcaaaucuaCgcaaaacug    | 1    | 1 | s02 |
| ugugcaaaGcuugcaaaacug     | 1    | 1 | s02 |
| ugugcaaaucuaugcaaaaGug    | 4    | 1 | s02 |
| uguAcaaaucuaugcaaaacug    | 3    | 1 | s02 |
| ugugcaaaucuaugcGaaacug    | 4    | 1 | s02 |
| ugugcaaaucuaUcaaaacugu    | 20   | 1 | s02 |
| ugugcaaaucugugcaaaacugu   | 3    | 1 | s02 |
| ugugcaaaUGuaugcaaaacugu   | 2    | 1 | s02 |
| uNugcaaaucuaugcaaaacugu   | 1    | 1 | s02 |
| ugugcaaUucuaugcaaaacugu   | 2    | 1 | s02 |
| ugugcaaaucuaugcaaaacuUu   | 2    | 1 | s02 |
| uUugcaaaucuaugcaaaacugu   | 11   | 1 | s02 |
| ugugcaaaucuaUAcaaaacugu   | 4    | 1 | s02 |

## Star

## Mature

|                                                                                                              |      |   |     |
|--------------------------------------------------------------------------------------------------------------|------|---|-----|
| gugacguguaugauuuauucugcagaucucugcuaguuuugcauaguugcacucaagaaaaauagaguugugcaaaucuaugcaaaacugucgguggcugugugucca |      |   |     |
| .....ugugcaaaucuaugcGaaacugcu.....                                                                           | 3    | 1 | s02 |
| .....ugugcaaaucuaugcAaGacugcu.....                                                                           | 8    | 1 | s02 |
| .....ugugcaaaucuaugcaaaacuCu.....                                                                            | 7    | 1 | s02 |
| .....ugugcaGaucuaugcaaaacugcu.....                                                                           | 2    | 1 | s02 |
| .....ugugGaaucuaugcaaaacugcu.....                                                                            | 2    | 1 | s02 |
| .....ugugcaaaucuaugcaaaaAugu.....                                                                            | 10   | 1 | s02 |
| .....ugugcaaaucuaugcAaacugcu.....                                                                            | 1    | 1 | s02 |
| .....ugugcaaaucGaugcaaaacugcu.....                                                                           | 1    | 1 | s02 |
| .....ugugcaaaucuaugGaaacacugcu.....                                                                          | 1    | 1 | s02 |
| .....ugugcaaaucuaCgcaaaacugcu.....                                                                           | 6    | 1 | s02 |
| .....Cgugcaaaucuaugcaaaacugcu.....                                                                           | 2    | 1 | s02 |
| .....ugugcaaaucuaugcCaaacugcu.....                                                                           | 3    | 1 | s02 |
| .....ugugcaaaucuaugAaaacugcu.....                                                                            | 6    | 1 | s02 |
| .....ugugcaaaucuaugcaaaUcugcu.....                                                                           | 10   | 1 | s02 |
| .....ugugcaaaAcuaugcaaaacugcu.....                                                                           | 1    | 1 | s02 |
| .....ugugAaaucuaugcaaaacugcu.....                                                                            | 2    | 1 | s02 |
| .....ugugcaaaucuCugcaaaacugcu.....                                                                           | 2    | 1 | s02 |
| .....uguUcaaaucuaugcaaaacugcu.....                                                                           | 12   | 1 | s02 |
| .....ugugcaaaucuaugcaaaGugcu.....                                                                            | 8    | 1 | s02 |
| .....ugugcaaaGcuugcaaaacugcu.....                                                                            | 2    | 1 | s02 |
| .....ugGcaaaucuaugcaaaacugcu.....                                                                            | 16   | 1 | s02 |
| .....ugugcaaaucuaugcaaaGcugcu.....                                                                           | 7    | 1 | s02 |
| .....ugugcaaaucuaugcaaaaUugu.....                                                                            | 2    | 1 | s02 |
| .....ugugcaaaucuaugcaaaCcugcu.....                                                                           | 37   | 1 | s02 |
| .....ugugcaaaucuaAgcaaaacugcu.....                                                                           | 2    | 1 | s02 |
| .....ugugcaaaUuaugcaaaacugcu.....                                                                            | 2    | 1 | s02 |
| .....ugugcaaaucuaugcaaaacGgu.....                                                                            | 1    | 1 | s02 |
| .....ugugcaaCucuaugcaaaacugcu.....                                                                           | 3    | 1 | s02 |
| .....ugugcaaaUuaugcaaaacugcu.....                                                                            | 3    | 1 | s02 |
| .....Agugcaaaucuaugcaaaacugcu.....                                                                           | 1    | 1 | s02 |
| .....ugugcaaaucuaugcaUaacugcu.....                                                                           | 2    | 1 | s02 |
| .....uguAcaaaucuaugcaaaacugcu.....                                                                           | 5    | 1 | s02 |
| .....ugCgcaaaucuaugcaaaacugcu.....                                                                           | 20   | 1 | s02 |
| .....ugNgcaaaucuaugcaaaacugcu.....                                                                           | 2    | 1 | s02 |
| .....ugugcaaaucuaugcaaCacugcu.....                                                                           | 31   | 1 | s02 |
| .....ugugUaaucuaugcaaaacugcu.....                                                                            | 5    | 1 | s02 |
| .....ugugcaaaucuaugcaaUacugcu.....                                                                           | 2    | 1 | s02 |
| .....ugugcaaaucuaugcaaaacugC.....                                                                            | 121  | 1 | s02 |
| .....ugugcaaaucCaugcaaaacugcu.....                                                                           | 481  | 1 | s02 |
| .....ugugcaaaucAaugcaaaacugcu.....                                                                           | 2    | 1 | s02 |
| .....ugugcaaaucuaugcaaaacugcu.....                                                                           | 6519 | 0 | s02 |
| .....ugugcaaaucuaugcaCaacugcu.....                                                                           | 2    | 1 | s02 |
| .....uAugcaaaucuaugcaaaacugcu.....                                                                           | 3    | 1 | s02 |
| .....Ggugcaaaucuaugcaaaacugcu.....                                                                           | 5    | 1 | s02 |
| .....ugugcaaaucuaugUaaacugcu.....                                                                            | 2    | 1 | s02 |
| .....ugugcGaaucuaugcaaaacugcu.....                                                                           | 2    | 1 | s02 |
| .....ugugcaaaucuaGgcaaaacugcu.....                                                                           | 14   | 1 | s02 |
| .....ugugcaUaucuaugcaaaacugcu.....                                                                           | 8    | 1 | s02 |
| .....ugugcaCaucuaugcaaaacugcu.....                                                                           | 4    | 1 | s02 |
| .....uguNcaaaucuaugcaaaacugcu.....                                                                           | 14   | 1 | s02 |
| .....uguCcaaaucuaugcaaaacugcu.....                                                                           | 1    | 1 | s02 |
| .....ugugcaaaucuaugcaaaacuAu.....                                                                            | 1    | 1 | s02 |
| .....ugugcaaaucuaugcUaaacugcu.....                                                                           | 1    | 1 | s02 |
| .....ugugcaaGucuaugcaaaacugcu.....                                                                           | 2    | 1 | s02 |
| .....ugugcCaauucuaugcaaaacugcu.....                                                                          | 1    | 1 | s02 |
| .....ugugcaaaucuaugcaaaacugG.....                                                                            | 19   | 1 | s02 |
| .....ugugcaaaucuaugcaaaacCgu.....                                                                            | 4    | 1 | s02 |
| .....ugugcUaaucuaugcaaaacugcu.....                                                                           | 1    | 1 | s02 |
| .....ugAgcaaaucuaugcaaaacugcu.....                                                                           | 6    | 1 | s02 |
| .....ugugcaaaucuaugcaaaacugcuA.....                                                                          | 31   | 1 | s02 |
| .....ugugcaaaucuaugcaaaacuguc.....                                                                           | 1    | 0 | s02 |
| .....ugugcaaaucuaugcaaaacugcuU.....                                                                          | 150  | 1 | s02 |
| .....ugugcaaaucuaugcaaaacugcuG.....                                                                          | 3    | 1 | s02 |
| .....ugugcaaaucuaugcaaaacugcuAg.....                                                                         | 15   | 1 | s02 |
| .....gugcaaaucuaugcaaaacug.....                                                                              | 2    | 0 | s02 |
| .....gugcaaUucuaugcaaaacugcu.....                                                                            | 1    | 1 | s02 |
| .....gugcaaaucuaugcaaaacugcu.....                                                                            | 1    | 0 | s02 |
| .....gugcaaaucuaugcaaaacugcuU.....                                                                           | 3    | 1 | s02 |
| .....ugcaaaucuaugcaaaacugucgg.....                                                                           | 5    | 0 | s02 |
| .....ugcaaaucuaugcaaUacugucgg.....                                                                           | 1    | 1 | s02 |

## Star

## Mature

|                                                                                                              |     |   |     |
|--------------------------------------------------------------------------------------------------------------|-----|---|-----|
| gugacguguaugauuuauucucagaucucugcuaguuuugcauaguugcacuacagaaaaauugaguugugcaaaucuaugcaaaacugucgguggccugugugucca |     |   |     |
| .....ugcaaaucuaugcaaaacugucggA.....                                                                          | 2   | 1 | s02 |
| .....caaaucuaugcaaaacugucggu.....                                                                            | 4   | 0 | s02 |
| .....ugcuaguuuugcauaguugcac.....                                                                             | 1   | 0 | s01 |
| .....gcuaguuuugcauaguugcaU.....                                                                              | 9   | 1 | s01 |
| .....gcuagGuuugcauaguugcacu.....                                                                             | 1   | 1 | s01 |
| .....gcuaguuuugcauaguugcaUu.....                                                                             | 304 | 1 | s01 |
| .....gcuaguuuugcauaguugcacu.....                                                                             | 5   | 0 | s01 |
| .....gcuaguuuugcauaguugcaGu.....                                                                             | 1   | 1 | s01 |
| .....gcuaguuuugcauaguugcaUua.....                                                                            | 8   | 1 | s01 |
| .....gcuaguuuugcauaguugcaUuac.....                                                                           | 1   | 1 | s01 |
| .....gcuaguuuugcauaguugcaUuaca.....                                                                          | 3   | 1 | s01 |
| .....uaguuuugcauaguugcacua.....                                                                              | 1   | 0 | s01 |
| .....aguuuuugcauaguugcaUu.....                                                                               | 5   | 1 | s01 |
| .....aguuuuugcauaguugcacu.....                                                                               | 6   | 0 | s01 |
| .....agAuuugcauaguugcacua.....                                                                               | 1   | 1 | s01 |
| .....aguuuuugcauaguugcaUua.....                                                                              | 1   | 1 | s01 |
| .....aguuuuugAauaguugcacua.....                                                                              | 1   | 1 | s01 |
| .....aguuuuugcauaguugcacua.....                                                                              | 26  | 0 | s01 |
| .....aguuuuugcauaguugcacuac.....                                                                             | 21  | 0 | s01 |
| .....aguuuuugcaAaguugcacuac.....                                                                             | 1   | 1 | s01 |
| .....agCuuugcauaguugcacuac.....                                                                              | 1   | 1 | s01 |
| .....aguuuuugcauaguugcaUuac.....                                                                             | 3   | 1 | s01 |
| .....aguuuuugcauaguugcacuaca.....                                                                            | 10  | 0 | s01 |
| .....guuuuugcauaguugcacua.....                                                                               | 5   | 0 | s01 |
| .....guuuuugcauaguugcacuac.....                                                                              | 1   | 0 | s01 |
| .....uuuugcauaguugcacuaca.....                                                                               | 1   | 0 | s01 |
| .....Cuugugcaaaucuaugcaaaacug.....                                                                           | 1   | 1 | s01 |
| .....uugugcaaaucuaugcaa.....                                                                                 | 1   | 0 | s01 |
| .....uugugcaaaucuaugcaaa.....                                                                                | 2   | 0 | s01 |
| .....uugugcaaaucuaugcaaaa.....                                                                               | 1   | 0 | s01 |
| .....uugugUaaaucuaugcaaaac.....                                                                              | 1   | 1 | s01 |
| .....uugugcaaaucuaugcaaaac.....                                                                              | 18  | 0 | s01 |
| .....uuNugcaaaucuaugcaaaacu.....                                                                             | 1   | 1 | s01 |
| .....uugugcaaaucuaugcaaUacu.....                                                                             | 1   | 1 | s01 |
| .....uugugcaaaucuaugcaaaacC.....                                                                             | 1   | 1 | s01 |
| .....uugugcaaaucuaugAaaaacu.....                                                                             | 1   | 1 | s01 |
| .....uugugcaaaucuaugcaaaacu.....                                                                             | 89  | 0 | s01 |
| .....uugugcaaaucCaugcaaaacu.....                                                                             | 1   | 1 | s01 |
| .....uugugcaaaucuaugcaaCacu.....                                                                             | 1   | 1 | s01 |
| .....uugugcaaaucuaAgcaaaacu.....                                                                             | 1   | 1 | s01 |
| .....uugugAaaaucuaugcaaaacug.....                                                                            | 2   | 1 | s01 |
| .....uugugcaaaucuaugcaaaacug.....                                                                            | 943 | 0 | s01 |
| .....uugugcaaaucuaugcaaCacug.....                                                                            | 4   | 1 | s01 |
| .....uGugugcaaaucuaugcaaaacug.....                                                                           | 1   | 1 | s01 |
| .....uugugcaaaucuaugcaaaGcug.....                                                                            | 1   | 1 | s01 |
| .....uugugcaaaucuaugcaaaCcug.....                                                                            | 1   | 1 | s01 |
| .....uugugcaaaucuaugcaaaacuA.....                                                                            | 2   | 1 | s01 |
| .....uugCgcaaaucuaugcaaaacug.....                                                                            | 5   | 1 | s01 |
| .....uugugcaaaucuaugcaaUacug.....                                                                            | 1   | 1 | s01 |
| .....uugugGaaaucuaugcaaaacug.....                                                                            | 1   | 1 | s01 |
| .....uugugcaGaucuaugcaaaacug.....                                                                            | 1   | 1 | s01 |
| .....uugugcaaaucuaugcaaaacGg.....                                                                            | 1   | 1 | s01 |
| .....uugugcaaaucuaugAaaaacug.....                                                                            | 1   | 1 | s01 |
| .....uugugcaaaucugugcaaaacug.....                                                                            | 2   | 1 | s01 |
| .....uugugcaaaucuaCgcaaaacug.....                                                                            | 1   | 1 | s01 |
| .....uugugcaaUucuaugcaaaacug.....                                                                            | 4   | 1 | s01 |
| .....uuguUcaaaucuaugcaaaacug.....                                                                            | 1   | 1 | s01 |
| .....uugugcaaaucGaugcaaaacug.....                                                                            | 1   | 1 | s01 |
| .....uugugcaaaucuaGgcaaaacug.....                                                                            | 1   | 1 | s01 |
| .....uugugcaaaucuaugcaCaacug.....                                                                            | 1   | 1 | s01 |
| .....uugugcaaaucuaugcUaaacug.....                                                                            | 1   | 1 | s01 |
| .....uugGgcaaaucuaugcaaaacug.....                                                                            | 4   | 1 | s01 |
| .....uugugcaaaGcuugcaaaacug.....                                                                             | 3   | 1 | s01 |
| .....uugugcaaaucCaugcaaaacug.....                                                                            | 1   | 1 | s01 |
| .....uugugcaaaucuaugcaGaacug.....                                                                            | 1   | 1 | s01 |
| .....uugugUaaaucuaugcaaaacug.....                                                                            | 1   | 1 | s01 |
| .....uugugcaaaucuaCcaaaacug.....                                                                             | 1   | 1 | s01 |
| .....Augugcaaaucuaugcaaaacug.....                                                                            | 1   | 1 | s01 |
| .....uugugcaaaucuaugcaaaaUug.....                                                                            | 1   | 1 | s01 |

## Star

## Mature

gugacguguaugauuuuauucugcagaucucugcuaguuuugcauaguugcacucaagaaaaauagaguugugcaaaucuaugcaaaacugucgguggccugugugucca

|                                     |      |   |     |
|-------------------------------------|------|---|-----|
| .....uugugcaaaAcuaugcaaaacug.....   | 1    | 1 | s01 |
| .....uugugcaaaucuaugcaaaUcug.....   | 1    | 1 | s01 |
| .....Cugugcaaaucuaugcaaaacug.....   | 1    | 1 | s01 |
| .....uuguAcaaaucuaugcaaaacug.....   | 1    | 1 | s01 |
| .....uugugcaaCucuaugcaaaacug.....   | 1    | 1 | s01 |
| .....uugugcaaaucuCugcaaaacug.....   | 1    | 1 | s01 |
| .....uuUugcaaaucuaugcaaaacug.....   | 1    | 1 | s01 |
| .....uuguAcaaaucuaugcaaaacugU.....  | 1    | 1 | s01 |
| .....uugugcaaaucuaugcaaUacugu.....  | 5    | 1 | s01 |
| .....uugugcaaaucUGugcaaaacugu.....  | 1    | 1 | s01 |
| .....uugugcaaaucuCugcaaaacugu.....  | 2    | 1 | s01 |
| .....uugAgcaaaucuaugcaaaacugu.....  | 2    | 1 | s01 |
| .....uugugcaaaucuaugcaaaacugG.....  | 9    | 1 | s01 |
| .....uugugcaaaUuaugcaaaacugu.....   | 1    | 1 | s01 |
| .....uugugUaaaucuaugcaaaacugu.....  | 2    | 1 | s01 |
| .....uugugcaaaucuaugcaUaacugu.....  | 1    | 1 | s01 |
| .....uugGgcaaaucuaugcaaaacugu.....  | 3    | 1 | s01 |
| .....uugugcaaaucuaugcaaaGcugu.....  | 2    | 1 | s01 |
| .....uugugcaaaucuaugcaaaacugC.....  | 15   | 1 | s01 |
| .....uugugcGaaucuaugcaaaacugu.....  | 1    | 1 | s01 |
| .....uugugcaaaGcuugcaaaacugu.....   | 1    | 1 | s01 |
| .....uugugcaaaCcuugcaaaacugu.....   | 1    | 1 | s01 |
| .....uugugcaaaucuaugAaaaacugu.....  | 2    | 1 | s01 |
| .....uugugcaaaucuaugcGaaaacugu..... | 1    | 1 | s01 |
| .....uugugcaaaucuaugcaaaacGgu.....  | 2    | 1 | s01 |
| .....uugugGaaaucuaugcaaaacugu.....  | 1    | 1 | s01 |
| .....uugCgcaaaucuaugcaaaacugu.....  | 1    | 1 | s01 |
| .....uugugcaaaucuaugcaaGacugu.....  | 3    | 1 | s01 |
| .....uugugcaaaucuaugcCaaaacugu..... | 1    | 1 | s01 |
| .....uuCugcaaaucuaugcaaaacugu.....  | 1    | 1 | s01 |
| .....uugugcaaaucuaugcaaaacGgu.....  | 2    | 1 | s01 |
| .....uugugGaaaucuaugcaaaacugu.....  | 1    | 1 | s01 |
| .....uugCgcaaaucuaugcaaaacugu.....  | 1    | 1 | s01 |
| .....uugugcaaaucuaugcaaGacugu.....  | 3    | 1 | s01 |
| .....uugugcaaaucuaugcCaaaacugu..... | 1    | 1 | s01 |
| .....uugugcaaaucuaugcaaaacugu.....  | 1069 | 0 | s01 |
| .....Cugugcaaaucuaugcaaaacugu.....  | 2    | 1 | s01 |
| .....uugugcaaaucuaugcaaCacugu.....  | 1    | 1 | s01 |
| .....uuguUcaaaucuaugcaaaacugu.....  | 1    | 1 | s01 |
| .....uugugcaaaucuaugcaaaaUugu.....  | 1    | 1 | s01 |
| .....Augugcaaaucuaugcaaaacugu.....  | 2    | 1 | s01 |
| .....uugugcaaaucuaugcaaaacuguA..... | 17   | 1 | s01 |
| .....uugugcaaaucuaugcaaaacuguU..... | 15   | 1 | s01 |
| .....ugugcaaaucuaugcaaaa.....       | 1    | 0 | s01 |
| .....ugugcaaaucuaugcaaaac.....      | 8    | 0 | s01 |
| .....ugugcaaaucuaugcaaaacu.....     | 52   | 0 | s01 |
| .....ugugcaaGucuaugcaaaacu.....     | 1    | 1 | s01 |
| .....ugugcaaaucAaugcaaaacu.....     | 1    | 1 | s01 |
| .....ugGgcaaaucuaugcaaaacu.....     | 1    | 1 | s01 |
| .....ugugcaaaucuaugcaGaacu.....     | 1    | 1 | s01 |
| .....ugugcaaaucuaugNaaaacu.....     | 1    | 1 | s01 |
| .....ugugcaUaucuaugcaaaacug.....    | 1    | 1 | s01 |
| .....ugugcaaCucuaugcaaaacug.....    | 1    | 1 | s01 |
| .....ugugcaaaGcuugcaaaacug.....     | 2    | 1 | s01 |
| .....ugugcaaaucuaugcaaaGcug.....    | 3    | 1 | s01 |
| .....ugugcaaaucuaugcCaaaacug.....   | 2    | 1 | s01 |
| .....ugugcaaaucuaGgcaaaacug.....    | 7    | 1 | s01 |
| .....ugugcaaUucuaugcaaaacug.....    | 1    | 1 | s01 |
| .....ugugcaaGucuaugcaaaacug.....    | 2    | 1 | s01 |
| .....ugugcaaaucAaugcaaaacug.....    | 13   | 1 | s01 |
| .....ugugcaaaucuaAgcaaaacug.....    | 1    | 1 | s01 |
| .....ugugcaaaucuaugcaaGacug.....    | 1    | 1 | s01 |
| .....ugugcaaaucuaugcaaCacug.....    | 2    | 1 | s01 |
| .....ugCgcaaaucuaugcaaaacug.....    | 5    | 1 | s01 |
| .....uAugcaaaucuaugcaaaacug.....    | 2    | 1 | s01 |
| .....ugugcaaaucuaugcGaaaacug.....   | 1    | 1 | s01 |
| .....ugugcCaaucuaugcaaaacug.....    | 1    | 1 | s01 |
| .....ugugcaaaucuaugUaaaacug.....    | 1    | 1 | s01 |
| .....ugugcaaaucuaugcaaaacuU.....    | 2    | 1 | s01 |
| .....ugugcaaaucuaUcaaaacug.....     | 7    | 1 | s01 |
| .....ugugcaaaucuaugcaaaCcug.....    | 5    | 1 | s01 |
| .....ugugcaaaucuaugcaaaaAug.....    | 2    | 1 | s01 |
| .....ugAgcaaaucuaugcaaaacug.....    | 1    | 1 | s01 |
| .....ugugcaaaucuaugcaaaacug.....    | 1947 | 0 | s01 |

## Star

## Mature

gugacguguaugauuuauucugcagaucucugcaguuuugcauaguugcacuacaagaaaaauugaguugugcaaaucuaugcaaaacugucgguggcugugugucca

|                                    |      |   |     |
|------------------------------------|------|---|-----|
| .....ugugcaCaucuaugcaaaacug.....   | 2    | 1 | s01 |
| .....Agugcaaaucuaugcaaaacug.....   | 1    | 1 | s01 |
| .....ugugcaaaucuaugcaaaacuA.....   | 2    | 1 | s01 |
| .....uguCaaaucuaugcaaaacug.....    | 1    | 1 | s01 |
| .....ugugcaaaucGaugcaaaacug.....   | 7    | 1 | s01 |
| .....ugugcaaaucuaugcaaaaGug.....   | 1    | 1 | s01 |
| .....ugugcaaaCcuauugcaaaacug.....  | 1    | 1 | s01 |
| .....ugugcGaaucuaugcaaaacug.....   | 1    | 1 | s01 |
| .....ugGgcaaaucuaugcaaaacug.....   | 7    | 1 | s01 |
| .....ugugcaaaucuaugcUaaacug.....   | 1    | 1 | s01 |
| .....ugugcaaaucuaugcaaaUcug.....   | 7    | 1 | s01 |
| .....Gugcaaaucuaugcaaaacug.....    | 4    | 1 | s01 |
| .....ugugcaaaAcuauugcaaaacug.....  | 1    | 1 | s01 |
| .....ugugcaaaucuaugcaCaacug.....   | 1    | 1 | s01 |
| .....ugugcaaaucuaugAaaaacug.....   | 1    | 1 | s01 |
| .....ugugcaaaUGuaugcaaaacug.....   | 3    | 1 | s01 |
| .....ugugAaaaucuaugcaaaacug.....   | 1    | 1 | s01 |
| .....ugugAaaaucuaugcaaaacugu.....  | 1    | 1 | s01 |
| .....ugugcaaaucuaugcaUaacugu.....  | 2    | 1 | s01 |
| .....uguCaaaucuaugcaaaacugu.....   | 2    | 1 | s01 |
| .....ugugcaaaUGuaugcaaaacugu.....  | 4    | 1 | s01 |
| .....ugugcaaaucuaugcaaaacuUu.....  | 5    | 1 | s01 |
| .....ugugcaaaucuaugcaaaacAgu.....  | 2    | 1 | s01 |
| .....ugugcaaaucuaugcaaaacugu.....  | 5582 | 0 | s01 |
| .....ugugcaaaucuaugcaaaGcugu.....  | 12   | 1 | s01 |
| .....uguUcaaaucuaugcaaaacugu.....  | 6    | 1 | s01 |
| .....ugugcaaUucuaugcaaaacugu.....  | 2    | 1 | s01 |
| .....uAugcaaaucuaugcaaaacugu.....  | 2    | 1 | s01 |
| .....ugugcCaaucuaugcaaaacugu.....  | 2    | 1 | s01 |
| .....ugugcaaaAcuauugcaaaacugu..... | 2    | 1 | s01 |
| .....ugugcaaaucuaCgcaaaacugu.....  | 4    | 1 | s01 |
| .....ugugcaaaucuaugcUaaacugu.....  | 2    | 1 | s01 |
| .....ugugcaaaucuaugcaaaaAugu.....  | 3    | 1 | s01 |
| .....ugugUaaaucuaugcaaaacugu.....  | 3    | 1 | s01 |
| .....ugugcaaaucuaugUaaaacugu.....  | 1    | 1 | s01 |
| .....ugugcaaaCcuauugcaaaacugu..... | 2    | 1 | s01 |
| .....ugugcaaaucuaugcaaaacugC.....  | 92   | 1 | s01 |
| .....ugugcaaaucuaugcaaaacuCu.....  | 1    | 1 | s01 |
| .....uCugcaaaucuaugcaaaacugu.....  | 1    | 1 | s01 |
| .....ugugcaaaucuaugcaaGacugu.....  | 4    | 1 | s01 |
| .....ugugcaaaucUGugcaaaacugu.....  | 1    | 1 | s01 |
| .....uguNcaaaucuaugcaaaacugu.....  | 2    | 1 | s01 |
| .....ugugcaaaucuaAcaaaacugu.....   | 2    | 1 | s01 |
| .....ugNgcaaaucuaugcaaaacugu.....  | 1    | 1 | s01 |
| .....ugugcaaGucuaugcaaaacugu.....  | 1    | 1 | s01 |
| .....ugGgcaaaucuaugcaaaacugu.....  | 25   | 1 | s01 |
| .....ugugcaaaucGaugcaaaacugu.....  | 5    | 1 | s01 |
| .....ugugcaaaucuaugcaaaUcugu.....  | 10   | 1 | s01 |
| .....ugugcaaaucuaugcCaaacugu.....  | 4    | 1 | s01 |
| .....ugugcaaaucuaugcaGaacugu.....  | 1    | 1 | s01 |
| .....Cgugcaaaucuaugcaaaacugu.....  | 2    | 1 | s01 |
| .....ugugcaaaucuCugcaaaacugu.....  | 1    | 1 | s01 |
| .....ugugcaaaUaaugcaaaacugu.....   | 1    | 1 | s01 |
| .....ugugcaaaucuaUcaaaacugu.....   | 9    | 1 | s01 |
| .....ugugcUaaucuaugcaaaacugu.....  | 3    | 1 | s01 |
| .....ugugcaaaucuaugGaaaacugu.....  | 1    | 1 | s01 |
| .....ugugcaaaucUugcaaaacugu.....   | 2    | 1 | s01 |
| .....ugugcaGaucuaugcaaaacugu.....  | 3    | 1 | s01 |
| .....ugugcaaaucuaugcaaaacuAu.....  | 2    | 1 | s01 |
| .....ugCgcaaaucuaugcaaaacugu.....  | 16   | 1 | s01 |
| .....ugugcaaaucuaAgcaaaacugu.....  | 1    | 1 | s01 |
| .....Ggugcaaaucuaugcaaaacugu.....  | 3    | 1 | s01 |
| .....ugugcaaaucCaugcaaaacugu.....  | 325  | 1 | s01 |
| .....uUugcaaaucuaugcaaaacugu.....  | 5    | 1 | s01 |
| .....ugugcaaaucuaugcaaaacugG.....  | 18   | 1 | s01 |
| .....Agugcaaaucuaugcaaaacugu.....  | 2    | 1 | s01 |
| .....ugugcaaaucuaugcaaaaGugu.....  | 5    | 1 | s01 |
| .....ugugcaUaucuaugcaaaacugu.....  | 1    | 1 | s01 |
| .....ugugcaaaucuaugcaaaaUugu.....  | 4    | 1 | s01 |
| .....ugugcaaaucuauCaaaacugu.....   | 2    | 1 | s01 |

## Star

## Mature

|                                                                                                                |     |   |     |
|----------------------------------------------------------------------------------------------------------------|-----|---|-----|
| gugacguguaugauuuauucugcagaucucugcuaguuuugcauaguugcacuacaagaaaaauugaguugugcaaaucuaugcaaaacugucgguggccugugugucca |     |   |     |
| .....ugugcGaaucuaugcaaaacugu.....                                                                              | 3   | 1 | s01 |
| .....ugugcaaaucuaugAaaaacugu.....                                                                              | 1   | 1 | s01 |
| .....ugugcaaaucuaugcaaaCcugu.....                                                                              | 14  | 1 | s01 |
| .....ugugcaaaucuaugcGaaacugu.....                                                                              | 1   | 1 | s01 |
| .....ugugcaaaucuaugGcaaaacugu.....                                                                             | 12  | 1 | s01 |
| .....ugugcaaCucuaugcaaaacugu.....                                                                              | 2   | 1 | s01 |
| .....ugugcaaaucuaugcaaaacGgu.....                                                                              | 2   | 1 | s01 |
| .....ugugcaaaGcuauugcaaaacugu.....                                                                             | 3   | 1 | s01 |
| .....ugugcaaaucuaugcaaCacugu.....                                                                              | 7   | 1 | s01 |
| .....ugugGaaucuaugcaaaacugu.....                                                                               | 1   | 1 | s01 |
| .....ugugcaCaucuaugcaaaacugu.....                                                                              | 2   | 1 | s01 |
| .....ugugcaaaucuaugcaaaacCgu.....                                                                              | 5   | 1 | s01 |
| .....ugAgcaaaucuaugcaaaacugu.....                                                                              | 7   | 1 | s01 |
| .....ugugcaaaucuaugcaaaacugCc.....                                                                             | 1   | 1 | s01 |
| .....ugugcaaaucuaugcaaaacuguG.....                                                                             | 2   | 1 | s01 |
| .....ugugcaaaucuaugcaaaacuguA.....                                                                             | 40  | 1 | s01 |
| .....ugugcaaaucuaugcaaaacuguU.....                                                                             | 122 | 1 | s01 |
| .....ugugcaaaucuaugcaaaacuguc.....                                                                             | 2   | 0 | s01 |
| .....ugugcaaaucuaugcaaaacuguAg.....                                                                            | 4   | 1 | s01 |
| .....ugugcaaaucuaugcaaaacugucg.....                                                                            | 1   | 0 | s01 |
| .....ugugcaaaucuaugcaaaacug.....                                                                               | 2   | 0 | s01 |
| .....ugugcaaaucuaugcaaaacugu.....                                                                              | 9   | 0 | s01 |
| .....ugcaaaucuaugcaaaacugu.....                                                                                | 1   | 0 | s01 |
| .....ugcaaaucuaugcaaaacugucgg.....                                                                             | 5   | 0 | s01 |
| .....ugcaaaucuaugcaaaacugucggA.....                                                                            | 2   | 1 | s01 |
| .....caaaucuaugcaaaacugu.....                                                                                  | 1   | 0 | s01 |
| .....caaaucuaugcaaaacugucggu.....                                                                              | 4   | 0 | s01 |