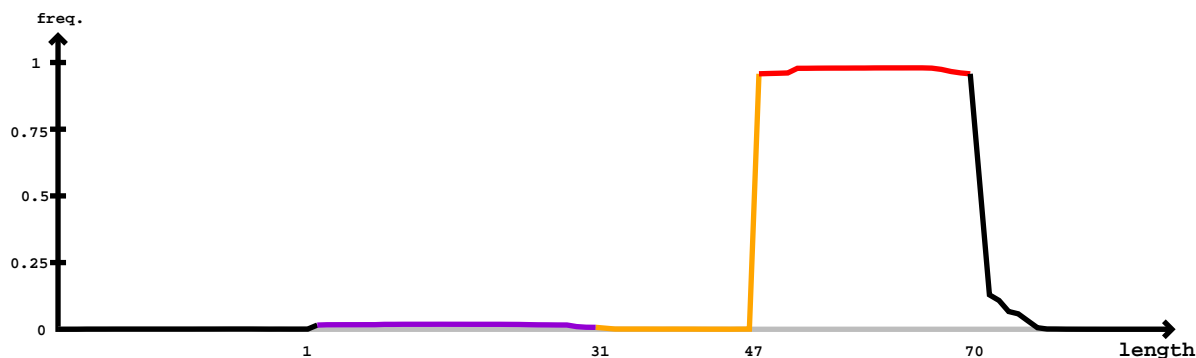
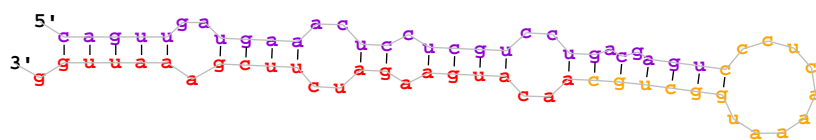


Provisional ID : chromosome\_12\_503140  
 Score total : 38516.9  
 Score for star read(s) : 3.9  
 Score for read counts : 38517.9  
 Score for mfe : -2.6  
 Score for randfold : -2.2  
 Score for cons. seed :  
 Total read count : 75563  
 Mature read count : 74134  
 Loop read count : 10  
 Star read count : 1419



Star

Mature

| 5' -   | obs | exp | reads | mm | sample |
|--|-----|-----|-------|----|--------|
| augguguuagguuagucugcgagggcaguuugaugaaaacuccucgucgacgaguccuccuacaaaugggcugcaacaugaagaucucgaaaauugggcaaguuuacacaucugua |     |     |       |    |        |
| augguguuagguuagucugcgagggcaguuugaugaaaacuccucgucgacgaguccuccuacaaaugggcugcaacaugaagaucucgaaaauugggcaaguuuacacaucugua |     |     |       |    |        |
| .....(((((((.....(((((((.....(((((((.....(((((((.....)))))))).)))))).)))))).)))))).....                              |     |     |       |    |        |
| augguguuagguuagucuC.....   | 1   | 1   | 1     | 1  | s10    |
| augguguuagguuagucugc.....  | 1   | 1   | 1     | 1  | s10    |
| .ugguguuagguuagucug.....   | 2   | 0   | 2     | 0  | s10    |
| .ugguguuagguuagucuC.....   | 1   | 1   | 1     | 1  | s10    |
| .ugguguuagguuagucugc.....  | 1   | 0   | 1     | 0  | s10    |
| .ugguguuagguuagucugU.....  | 4   | 1   | 4     | 1  | s10    |
| .ugguguuagguuagucugcga.....  | 1   | 0   | 1     | 0  | s10    |
| ...uguuagguuagucugcgaggg.....  | 3   | 0   | 3     | 0  | s10    |
| .....aggccaguuugaugaaaacucA.....   | 1   | 1   | 1     | 1  | s10    |
| .....caguugaugaaaacuccucgC.....  | 1   | 1   | 1     | 1  | s10    |
| .....caguugaugaaaacuccucgucc.....  | 1   | 0   | 1     | 0  | s10    |
| .....caguugaugaaaacuccucguccuga.....   | 1   | 0   | 1     | 0  | s10    |
| .....caguugaugaaaacuccucgucGugacg.....   | 5   | 1   | 5     | 1  | s10    |
| .....caguugaugaaaacuccucgucgacg.....   | 9   | 0   | 9     | 0  | s10    |
| .....caguugaugaaaacuccucgCccugacga.....  | 1   | 1   | 1     | 1  | s10    |
| .....caguugaugGaacuccucgucgacga.....   | 3   | 1   | 3     | 1  | s10    |
| .....caguugaugaaaacuccucgucgacgU.....  | 1   | 1   | 1     | 1  | s10    |
| .....caguugaugaaaacuccucgucgacgC.....  | 2   | 1   | 2     | 1  | s10    |
| .....caguugaugaaaacuccucgucgacga.....  | 13  | 0   | 13    | 0  | s10    |
| .....caguugaugaaaacuccucgucgacgG.....  | 2   | 1   | 2     | 1  | s10    |
| .....caguugaugaaaacuccucgucgacgaU.....   | 1   | 1   | 1     | 1  | s10    |
| .....caguugaugaaaacuccucgucgacgGgu.....  | 1   | 1   | 1     | 1  | s10    |
| .....caguugaCgaaaacuccucgucgacgagau.....   | 7   | 1   | 7     | 1  | s10    |
| .....caguugaugaaaUuccucgucgacgagau.....  | 4   | 1   | 4     | 1  | s10    |
| .....caguugaugaaaacuccucgucgacgagau.....   | 6   | 0   | 6     | 0  | s10    |
| .....aguugaugaaaacuccucgucg.....   | 1   | 0   | 1     | 0  | s10    |
| .....aguugaugaaaacuccucgucg.....   | 2   | 1   | 2     | 1  | s10    |
| .....aguugaugaaaacuccucgucgac.....   | 2   | 0   | 2     | 0  | s10    |
| .....aguugaugaaaacuccucgucgacg.....  | 1   | 0   | 1     | 0  | s10    |
| .....augaaaaacuccucgucgacgagucccu.....   | 1   | 0   | 1     | 0  | s10    |
| .....ugaaaacuccucgucgacg.....  | 6   | 0   | 6     | 0  | s10    |
| .....gaaaacuccucgucgac.....  | 1   | 0   | 1     | 0  | s10    |
| .....aaaacuccucgucgacg.....  | 1   | 0   | 1     | 0  | s10    |

| Star                               | Mature                                       |                          |                    |      |
|------------------------------------|--|--------------------------|--------------------|------|
| auggguguuagguuagucugcgaggc         | caguugaugaaacuccucguccugacgagucccucaaaauggcg | aaacaugaagauucgaaaauuggg | caaguuuacacaucugua |      |
| .....aaacuccucguccugacgG.....      |  |                          |                    | 11   |
| .....aaacuccucguccugaGga.....      |  |                          |                    | 11   |
| .....ugacgagucccucaaaa.....        |  |                          |                    | 10   |
| .....Gaacaugaagauucgaaaauuggg..... |  |                          |                    | 11   |
| .....caacaugaagauucgaaaauuggg..... |  |                          |                    | 10   |
| .....aacaugaagauucgaa.....         |  |                          |                    | 10   |
| .....aacaugaagauucgaaa.....        |  |                          |                    | 18   |
| .....aacaugaGgaucucgaaa.....       |  |                          |                    | 11   |
| .....Cacaugaagauucgaaa.....        |  |                          |                    | 11   |
| .....aacaugaagauucgaaaC.....       |  |                          |                    | 4    |
| .....aacaugaagauucgaaa.....        |  |                          |                    | 20   |
| .....aacaugaagauucgaaGu.....       |  |                          |                    | 11   |
| .....aacaugaagauucgaaaAu.....      |  |                          |                    | 11   |
| .....aacaugGagauucgaaa.....        |  |                          |                    | 11   |
| .....aGcaugaagauucgaaa.....        |  |                          |                    | 11   |
| .....aacaugaagauucgaaa.....        |  |                          |                    | 27   |
| .....aacaugaagauucCcgaaa.....      |  |                          |                    | 11   |
| .....aacaugaGgaucucgaaa.....       |  |                          |                    | 2    |
| .....aacaugaagauucgaaa.....        |  |                          |                    | 17   |
| .....aacaugaagauucgaaaAu.....      |  |                          |                    | 4    |
| .....aacaugCagaucucgaaa.....       |  |                          |                    | 11   |
| .....aacaugaagaCcuucgaaa.....      |  |                          |                    | 3    |
| .....aacaugaagauucGcgaaa.....      |  |                          |                    | 2    |
| .....aacauUaagauucgaaa.....        |  |                          |                    | 1    |
| .....aacaugaUgaucucgaaa.....       |  |                          |                    | 1    |
| .....aacaugaagCucuucgaaa.....      |  |                          |                    | 2    |
| .....aacaugaagauucgaaaauUG.....    |  |                          |                    | 114  |
| .....aacGugaagauucgaaa.....        |  |                          |                    | 4    |
| .....aacaugaagauucgaaGu.....       |  |                          |                    | 2    |
| .....aacaugaagauucgCaa.....        |  |                          |                    | 1    |
| .....Cacaugaagauucgaaa.....        |  |                          |                    | 3    |
| .....aacaugaagauucCaaa.....        |  |                          |                    | 1    |
| .....aacaugaagauucgaaaauUGA.....   |  |                          |                    | 149  |
| .....Uacaugaagauucgaaa.....        |  |                          |                    | 4    |
| .....aacaugaagauucgGau.....        |  |                          |                    | 6    |
| .....aacaugaagauucAcgaaa.....      |  |                          |                    | 1    |
| .....aacaugaagauucgaaa.....        |  |                          |                    | 1182 |
| .....aacaugaagauucgaaaCu.....      |  |                          |                    | 16   |
| .....aCcaugaagauucgaaa.....        |  |                          |                    | 1    |
| .....aacaugaagauucCcgaaa.....      |  |                          |                    | 6    |
| .....aGcaugaagauucgaaa.....        |  |                          |                    | 6    |
| .....aacaugGagauucgaaa.....        |  |                          |                    | 11   |
| .....aacaugaagauucgaaaUG.....      |  |                          |                    | 31   |
| .....aacaugaCgaucucgaaa.....       |  |                          |                    | 2    |
| .....aacaugUagauucgaaa.....        |  |                          |                    | 1    |
| .....aacaugaagauucgaaCu.....       |  |                          |                    | 1    |
| .....aacaugaGgaucucgaaa.....       |  |                          |                    | 14   |
| .....aacaugaagauucAucgaaa.....     |  |                          |                    | 2    |
| .....aacaugaagauucgaaaAuAg.....    |  |                          |                    | 2    |
| .....aacaugaagauucgGaa.....        |  |                          |                    | 10   |
| .....aacUugaagauucgaaa.....        |  |                          |                    | 7    |
| .....aacaugaagauucgaaaAuAg.....    |  |                          |                    | 2    |
| .....aacaugaagUucucgaaa.....       |  |                          |                    | 1    |
| .....aacaugaagauucgaaUu.....       |  |                          |                    | 1    |
| .....aacaugaagauucgaaaGu.....      |  |                          |                    | 1    |
| .....aacauUaagauucgaaa.....        |  |                          |                    | 3    |
| .....aacaugaagauucgaaa.....        |  |                          |                    | 2089 |
| .....Cacaugaagauucgaaa.....        |  |                          |                    | 13   |
| .....aacaugaagauucgaaaGu.....      |  |                          |                    | 3    |
| .....aacaugaCgaucucgaaa.....       |  |                          |                    | 1    |
| .....aacaugaagCucuucgaaa.....      |  |                          |                    | 2    |
| .....aaAugaagauucgaaa.....         |  |                          |                    | 1    |
| .....aacaugaagauucgaaCu.....       |  |                          |                    | 1    |
| .....aacaugaagauucgGaa.....        |  |                          |                    | 10   |
| .....aacaugCagaucucgaaa.....       |  |                          |                    | 1    |
| .....aacaugaagauucAucgaaa.....     |  |                          |                    | 2    |
| .....aacaugaGgaucucgaaa.....       |  |                          |                    | 13   |
| .....aacaugaagauucgaaaAuAg.....    |  |                          |                    | 1    |
| .....aacCugaagauucgaaa.....        |  |                          |                    | 1    |
| .....aacUugaagauucgaaa.....        |  |                          |                    | 12   |

| Star                      | Mature   |                           |                     |
|---------------------------|--|---------------------------|---------------------|
| augguguuagguaugucugcgaggc | caguugaugaaacuccucguccugacgagucccucaaaauggcugc | caacaugaagaucuuucgaaauggg | ccaaguuuacacaucugua |
| .....                     | .aacaugaagaucuuucgaaaugggU.....                | 189                       | 1 s10               |
| .....                     | .aacaugaagaucuuucgaaauggUg.....                | 3                         | 1 s10               |
| .....                     | .aGcaugaagaucuuucgaaaugggg.....                | 9                         | 1 s10               |
| .....                     | .aacaugaagaucGcgaaaugggg.....                  | 4                         | 1 s10               |
| .....                     | .aUcaugaagaucuuucgaaaugggg.....                | 1                         | 1 s10               |
| .....                     | .aacaugaagaucuuucgaaaUAgg.....                 | 6                         | 1 s10               |
| .....                     | .aacaugaagaucuuucgaaaCuggg.....                | 16                        | 1 s10               |
| .....                     | .aacaugaagaucuuucgaaaUGggg.....                | 4                         | 1 s10               |
| .....                     | .Uacaugaagaucuuucgaaaugggg.....                | 3                         | 1 s10               |
| .....                     | .aacaugaagaucUAcgaaaugggg.....                 | 1                         | 1 s10               |
| .....                     | .aacaugaagaucuuGgaaaugggg.....                 | 1                         | 1 s10               |
| .....                     | .aacaugaagaucuucaaUuuggg.....                  | 1                         | 1 s10               |
| .....                     | .aacaugaagUcuucgaaaugggg.....                  | 3                         | 1 s10               |
| .....                     | .aacaugaaaAaucuuucgaaaugggg.....               | 2                         | 1 s10               |
| .....                     | .aacaugaagaCcucgaaaugggg.....                  | 3                         | 1 s10               |
| .....                     | .aacaugGagaucuuucgaaaugggg.....                | 21                        | 1 s10               |
| .....                     | .aacauCaagaucuuucgaaaugggg.....                | 1                         | 1 s10               |
| .....                     | .aacaugUagaucuuucgaaaugggg.....                | 6                         | 1 s10               |
| .....                     | .aacaugaUgaucuuucgaaaugggg.....                | 1                         | 1 s10               |
| .....                     | .aaGaugaagaucuuucgaaaugggg.....                | 1                         | 1 s10               |
| .....                     | .aacaGgaagaucuuucgaaaugggg.....                | 2                         | 1 s10               |
| .....                     | .aacaugaagaucUcgaaaugggg.....                  | 5                         | 1 s10               |
| .....                     | .aaUaugaagaucuuucgaaaugggg.....                | 2                         | 1 s10               |
| .....                     | .aacaugaagaucuuucgaaaUcg.....                  | 4                         | 1 s10               |
| .....                     | .aacaugaagaucuucaaGuuggg.....                  | 2                         | 1 s10               |
| .....                     | .aacaugaagaucuuucgaaaUcg.....                  | 3                         | 1 s10               |
| .....                     | .aacaugaagaucuuucgaaauggA.....                 | 356                       | 1 s10               |
| .....                     | .aacaugaagaucuuucgaaauggAg.....                | 3                         | 1 s10               |
| .....                     | .aCcaugaagaucuuucgaaaugggg.....                | 2                         | 1 s10               |
| .....                     | .aacGugaagaucuuucgaaaugggg.....                | 6                         | 1 s10               |
| .....                     | .aacaugaagaucuuucgaGauuggg.....                | 4                         | 1 s10               |
| .....                     | .Cacaugaagaucuuucgaaauggggc.....               | 1                         | 1 s10               |
| .....                     | .aacaugaagaucuuucgaaauggggc.....               | 139                       | 0 s10               |
| .....                     | .aacaugaagaucuuucgaaauggggU.....               | 91                        | 1 s10               |
| .....                     | .aacaugaagCucuucgaaauggggc.....                | 2                         | 1 s10               |
| .....                     | .aacaugaagaucuuucgaaaGugggc.....               | 1                         | 1 s10               |
| .....                     | .aacaugaagaucuuucgaaaUcgggc.....               | 1                         | 1 s10               |
| .....                     | .aacaugaagaucuuucgGaauggggc.....               | 1                         | 1 s10               |
| .....                     | .aacaugGagaucuuucgaaauggggc.....               | 1                         | 1 s10               |
| .....                     | .aacaugaagaucuuucgaaaugggAc.....               | 1                         | 1 s10               |
| .....                     | .aacaugaagaucuuucgaaaUcgggc.....               | 1                         | 1 s10               |
| .....                     | .aacauCaagaucuuucgaaauggggc.....               | 1                         | 1 s10               |
| .....                     | .aacaugaagaucuuucgaaGuugggc.....               | 1                         | 1 s10               |
| .....                     | .aacaugaagaucuuucgGaauggggca.....              | 1                         | 1 s10               |
| .....                     | .aacaugaagaucuuucgaaauggggcG.....              | 4                         | 1 s10               |
| .....                     | .aacaGgaagaucuuucgaaauggggca.....              | 1                         | 1 s10               |
| .....                     | .aacaugaagaucuuucgaaauggggcU.....              | 16                        | 1 s10               |
| .....                     | .aacaugaagaucuuucgaaauggAgca.....              | 1                         | 1 s10               |
| .....                     | .aacaugaagaucuuucgaaauggggca.....              | 80                        | 0 s10               |
| .....                     | .aacaugaagaucuuucgaaaUcgggca.....              | 5                         | 1 s10               |
| .....                     | .aacaugaagaucuuucgaaauggggGa.....              | 91                        | 1 s10               |
| .....                     | .Gacaugaagaucuuucgaaauggggca.....              | 2                         | 1 s10               |
| .....                     | .aacaugaagaucUcgaaauggggca.....                | 1                         | 1 s10               |
| .....                     | .Cacaugaagaucuuucgaaauggggca.....              | 2                         | 1 s10               |
| .....                     | .aacaugaagaucuuucgaaauggggcC.....              | 1                         | 1 s10               |
| .....                     | .aacaugaagaucuuucgaaauggggcUa.....             | 1                         | 1 s10               |
| .....                     | .aacaugaagaucuuucgaaauggggcGa.....             | 1                         | 1 s10               |
| .....                     | .aacaugaagaucuuucgaaauggggcaG.....             | 32                        | 1 s10               |
| .....                     | .aacGugaagaucuuucgaaauggggcaa.....             | 1                         | 1 s10               |
| .....                     | .aacaugaagaucuuucgaaauggggcUa.....             | 5                         | 1 s10               |
| .....                     | .aacaugaagaucuuucgaaaUcgggcaa.....             | 1                         | 1 s10               |
| .....                     | .aacaugaagaucuuucgaaauggggcaa.....             | 9                         | 0 s10               |
| .....                     | .aacaugaagaucuuucgaaauggggcaC.....             | 2                         | 1 s10               |
| .....                     | .aacCugaagaucuuucgaaauggggcaag.....            | 1                         | 1 s10               |
| .....                     | .aCcaugaagaucuuucgaaauggggcaag.....            | 2                         | 1 s10               |
| .....                     | .aacaugaagaucuuucgaaauggAgcaag.....            | 3                         | 1 s10               |
| .....                     | .aacaugaagaucuuucgaGauuggggcaag.....           | 1                         | 1 s10               |
| .....                     | .aacaugaagaucuuucgaaauggggcaaA.....            | 7                         | 1 s10               |
| .....                     | .aGcaugaagaucuuucgaaauggggcaag.....            | 3                         | 1 s10               |
| .....                     | .aacaugaagaucuuucgaaauggggcaaC.....            | 3                         | 1 s10               |

## Mature

|  |     |   |     |
|--|-----|---|-----|
| aaggguuagguaugucugcgaggccaguuugaaucaacucucgucgacgagucccucaaaaugggcugcaacaugaagauucugaaauugggcaaguuuacacaucugua |     |   |     |
| .....aacaugaagauucugaaaCuggggcaag.....   | 2   | 1 | s10 |
| .....aacaugaagauucugGaaauuggggcaag.....  | 1   | 1 | s10 |
| .....aacaugaagauucugaaaGuggggcaag.....   | 1   | 1 | s10 |
| .....aacaugaagauucuggaaauugggcaaU.....   | 1   | 1 | s10 |
| .....aacaugaagauucuggaaauuggAcaag.....   | 1   | 1 | s10 |
| .....aacaugaaAaucuucgaaauuggggcaag.....  | 1   | 1 | s10 |
| .....aacaugaagauucAcgaaauuggggcaag.....  | 1   | 1 | s10 |
| .....aacaugaagauucuggaaauuggggcaag.....  | 198 | 0 | s10 |
| .....aacUugaagauucuggaaauuggggcaag.....  | 3   | 1 | s10 |
| .....aacGugaagauucuggaaauuggggcaag.....  | 1   | 1 | s10 |
| .....aacaugaagaGcuucgaaauuggggcaag.....  | 1   | 1 | s10 |
| .....aacaugaagauucuggaaauCggggcaag.....  | 4   | 1 | s10 |
| .....aacaugaagauucugGaaauuggggcaagu.....   | 12  | 1 | s10 |
| .....aacaugaGgaucucgaaauuggggcaagu.....  | 1   | 1 | s10 |
| .....aacaugaagauucuggaaauuggggcUagu.....   | 1   | 1 | s10 |
| .....aacaugaagauucuggaaauuggggcaGgu.....   | 1   | 1 | s10 |
| .....aacaugaagauucuggaaauuggggcaagC.....   | 35  | 1 | s10 |
| .....aacaugaagauucGcgaaauuggggcaagu.....   | 3   | 1 | s10 |
| .....aacaugaagauucugGauuggggcaagu.....   | 1   | 1 | s10 |
| .....aacaugaagauucUgaaauuggggcaagu.....  | 1   | 1 | s10 |
| .....aacaugaagauucugGaaUuggggcaagu.....  | 1   | 1 | s10 |
| .....aacaugaagauucuggaaauuggggcaagG.....   | 2   | 1 | s10 |
| .....aacaugaagauucuggaaauuggAcaagu.....  | 2   | 1 | s10 |
| .....aacaugGagauucuggaaauuggggcaagu.....   | 2   | 1 | s10 |
| .....Uacaugaagauucuggaaauuggggcaagu.....   | 2   | 1 | s10 |
| .....aacaugaagauucuggaaauAgggcaagu.....  | 3   | 1 | s10 |
| .....aacaugaagauucuggaaauCggggcaagu.....   | 14  | 1 | s10 |
| .....aacGugaagauucuggaaauuggggcaagu.....   | 2   | 1 | s10 |
| .....aacaugaagauucuggaaAuggggcaagu.....  | 6   | 1 | s10 |
| .....aacaugaagauucuggaaauuggggcaagu.....   | 263 | 0 | s10 |
| .....aacUugaagauucuggaaauuggggcaagu.....   | 3   | 1 | s10 |
| .....aacaugaagauucuggaaauuggggcaaAuu.....  | 1   | 1 | s10 |
| .....aacGugaagauucuggaaauuggggcaagu.....   | 1   | 1 | s10 |
| .....aacaugaagauucuggaaauCggggcaagu.....   | 1   | 1 | s10 |
| .....aacaugaagauucuggaaauuggggcaagu.....   | 8   | 0 | s10 |
| .....aacaugaagauucuggaaauuggggcaaguA.....  | 1   | 1 | s10 |
| .....acaugaagauucuggaaauugg.....   | 1   | 0 | s10 |
| .....acaugaagauucuggaaauCgg.....   | 1   | 1 | s10 |
| .....acaugaagauucuggaaauuggA.....  | 1   | 1 | s10 |
| .....acaugaagauucuggaaauuggg.....  | 1   | 0 | s10 |
| .....acaugaagauucuggaaauugggc.....   | 1   | 0 | s10 |
| .....acaugaagauucuggaaauugggcaagu.....   | 1   | 0 | s10 |
| .....augaagauucuggaaauugU.....   | 1   | 1 | s10 |
| .....augaagauucuggaaauugg.....   | 1   | 0 | s10 |
| .....augaagauucuggaaauugA.....   | 4   | 1 | s10 |
| .....augaagauucuggaaauuggA.....  | 1   | 1 | s10 |
| .....augaagauucuggaaauuggg.....  | 2   | 0 | s10 |
| .....augaagauucuggaaauugggcaagu.....   | 1   | 0 | s10 |
| .....ugaagauucuggaaauugg.....  | 4   | 0 | s10 |
| .....ugaGgaucucgaaauuggg.....  | 5   | 1 | s10 |
| .....ugaagaCcuucgaaauuggg.....   | 1   | 1 | s10 |
| .....ugaagauucuggaaauuggU.....   | 5   | 1 | s10 |
| .....ugaagauucuggaaauuggA.....   | 13  | 1 | s10 |
| .....ugaagauucugGaaauuggg.....   | 4   | 1 | s10 |
| .....ugaagauucuggaaauuggg.....   | 51  | 0 | s10 |
| .....ugGagauucuggaaauuggg.....   | 1   | 1 | s10 |
| .....ugaagauucugGauuggg.....   | 2   | 1 | s10 |
| .....ugaagauucugGaaGuuggg.....   | 4   | 1 | s10 |
| .....ugaagauucuggaaauuggggcaaguuua.....  | 1   | 0 | s10 |
| .....ugaagauucuggaaauuggggcaaguuuaca.....  | 1   | 0 | s10 |
| .....gaagauucuggaaauuggggcaagu.....  | 2   | 0 | s10 |
| .....ucuucgaaauuggggcaagu.....   | 1   | 0 | s10 |
| .....uucgaaauuggggcaagu.....   | 1   | 0 | s10 |
| .....ucugcgaggccGguugauga.....   | 1   | 1 | s17 |
| .....ugcgaggccaguuugaagaac.....  | 2   | 0 | s17 |

## Star

## Mature

|                           |                                    |                 |                   |          |                     |
|---------------------------|------------------------------------|-----------------|-------------------|----------|---------------------|
| augguguuagguaugucugcgagcc | caguugaugaaacuccucguccugacgaguccuc | aaaaugggucg     | caacaugaagaucuucg | aaaauggg | gcaaguuuacacaucugua |
| .....aggcc                | caguugaugaaacu                     | .....           | 1                 | 0        | s17                 |
| .....caguuga              | aaacuccucgu                        | .....           | 1                 | 0        | s17                 |
| .....caguuga              | aaacuccucgucc                      | .....           | 1                 | 0        | s17                 |
| .....caguuga              | aaacuccucgGccugacg                 | .....           | 1                 | 1        | s17                 |
| .....caguuga              | aaacCccucguccugacg                 | .....           | 1                 | 1        | s17                 |
| .....caguuga              | aaacuccucguccugacg                 | .....           | 5                 | 0        | s17                 |
| .....caguuga              | aaacuccucgCccugacg                 | .....           | 2                 | 1        | s17                 |
| .....caguuga              | aaacuAcucguccugacg                 | .....           | 1                 | 1        | s17                 |
| .....caguuga              | aaacuccucguccugacga                | .....           | 2                 | 0        | s17                 |
| .....caguuga              | aaacuccucguccugacgU                | .....           | 3                 | 1        | s17                 |
| .....caguuga              | aaacuccucguccugacgaU               | .....           | 1                 | 1        | s17                 |
| .....caguuga              | aaacuccucguccugacgagu              | .....           | 2                 | 0        | s17                 |
| .....caguuga              | aaacuccucAcuccugacgagu             | .....           | 2                 | 1        | s17                 |
| .....caguuga              | aaacuccucguccugacgUgu              | .....           | 1                 | 1        | s17                 |
| .....caguuga              | Cgaaacuccucguccugacgagu            | .....           | 2                 | 1        | s17                 |
| .....aguuga               | aaacuccucgGccugacg                 | .....           | 1                 | 1        | s17                 |
| .....aguuga               | aaacuccucguccugacga                | .....           | 2                 | 0        | s17                 |
| .....aguuga               | aaacuccucguccugacgC                | .....           | 2                 | 1        | s17                 |
| .....aguuga               | aaacuccucAcuccugacgagu             | .....           | 1                 | 1        | s17                 |
| .....Gugaa                | acuccucguccugacgagucccuca          | .....           | 1                 | 1        | s17                 |
| .....ugaa                 | acuccucguccuga                     | .....           | 1                 | 0        | s17                 |
| .....aGac                 | uccucguccugacg                     | .....           | 1                 | 1        | s17                 |
| .....aaac                 | uccucguccugacgG                    | .....           | 2                 | 1        | s17                 |
| .....gucc                 | ugacgagucccucaaaa                  | .....           | 1                 | 0        | s17                 |
| .....ugac                 | gagucccucaaaaugg                   | .....           | 1                 | 0        | s17                 |
| .....gcaac                | augaagaucuucg                      | aaaauggg        | 1                 | 0        | s17                 |
| .....gcaac                | augaagaucuucg                      | aaaaugggA       | 2                 | 1        | s17                 |
| .....aacU                 | ugaagaucuucg                       | aaaa            | 1                 | 1        | s17                 |
| .....aac                  | augaagaucuucg                      | aaaa            | 5                 | 0        | s17                 |
| .....aac                  | augaagaucuucg                      | aaaC            | 1                 | 1        | s17                 |
| .....aac                  | augaagaucuucg                      | aaaaug          | 1                 | 0        | s17                 |
| .....aac                  | augaGgaucucg                       | aaaauggg        | 1                 | 1        | s17                 |
| .....aac                  | augaCgaucucg                       | aaaauggg        | 1                 | 1        | s17                 |
| .....aac                  | augaagaucuGcg                      | aaaauggg        | 1                 | 1        | s17                 |
| .....aac                  | augGagaucucg                       | aaaauggg        | 1                 | 1        | s17                 |
| .....aac                  | augaagaucuucg                      | aaaauggA        | 30                | 1        | s17                 |
| .....aac                  | augaagaucuucg                      | aaaCugg         | 1                 | 1        | s17                 |
| .....aac                  | augaUGaucucg                       | aaaauggg        | 1                 | 1        | s17                 |
| .....aac                  | augaagaucuucg                      | aaaauggg        | 118               | 0        | s17                 |
| .....aac                  | augaagCucuucg                      | aaaauggg        | 1                 | 1        | s17                 |
| .....aac                  | augaagaucuucg                      | aaaauggU        | 7                 | 1        | s17                 |
| .....Uac                  | augaagaucuucg                      | aaaaugggg       | 1                 | 1        | s17                 |
| .....aac                  | augaagaucuucg                      | aaaaugggA       | 33                | 1        | s17                 |
| .....aac                  | Gugaagaucuucg                      | aaaaugggg       | 2                 | 1        | s17                 |
| .....aac                  | augaagaucuucg                      | aaaauggAg       | 3                 | 1        | s17                 |
| .....aac                  | augaagaucuucg                      | Uaaugggg        | 1                 | 1        | s17                 |
| .....aac                  | augGagaucuucg                      | aaaaugggg       | 4                 | 1        | s17                 |
| .....aac                  | augaagaucuucg                      | Gaaugggg        | 2                 | 1        | s17                 |
| .....aac                  | augaagaucuucg                      | aaaaugggg       | 159               | 0        | s17                 |
| .....aac                  | augaGgaucucg                       | aaaaugggg       | 1                 | 1        | s17                 |
| .....aac                  | augaagaucuucg                      | Gaaugggg        | 1                 | 1        | s17                 |
| .....aac                  | augaagaucuucg                      | aaaaugggU       | 6                 | 1        | s17                 |
| .....aac                  | augaagaucuucg                      | aaaauggggc      | 6                 | 0        | s17                 |
| .....aac                  | augaagaucuucg                      | aaaauggggU      | 7                 | 1        | s17                 |
| .....aac                  | augaagaucuucg                      | aaaauggggcU     | 2                 | 1        | s17                 |
| .....aac                  | augaagaucuucg                      | aaaauggggca     | 23                | 0        | s17                 |
| .....aac                  | augaagaucuucg                      | aaaauggggGa     | 6                 | 1        | s17                 |
| .....aac                  | augaagaucuucg                      | aaaaugggAca     | 2                 | 1        | s17                 |
| .....aac                  | augaagaucuucg                      | aaaCGggcaag     | 1                 | 1        | s17                 |
| .....aac                  | augaagaucuucg                      | Gaauggggcaag    | 2                 | 1        | s17                 |
| .....aac                  | augaagaucuucg                      | aaaauggggcaag   | 9                 | 0        | s17                 |
| .....aGc                  | augaagaucuucg                      | aaaauggggcaag   | 1                 | 1        | s17                 |
| .....aac                  | augaGgaucucg                       | aaaauggggcaagu  | 2                 | 1        | s17                 |
| .....aac                  | augaagaucuucg                      | aaaauggggcaagC  | 1                 | 1        | s17                 |
| .....Gac                  | augaagaucuucg                      | aaaauggggcaagu  | 1                 | 1        | s17                 |
| .....aac                  | augaagaucuucg                      | aaaCGggcaagu    | 3                 | 1        | s17                 |
| .....aac                  | augaagaucuucg                      | aaaauggggcaagu  | 20                | 0        | s17                 |
| .....aac                  | augaagaucuucg                      | aaaauggggcaaguu | 2                 | 0        | s17                 |
| .....ac                   | augaagaucuucg                      | aaaauggg        | 1                 | 0        | s17                 |
| .....c                    | augaagaucuucg                      | aaaauggg        | 1                 | 0        | s17                 |

## Star

## Mature

|                            |            |                       |                         |          |          |         |            |                      |  |  |  |
|----------------------------|------------|-----------------------|-------------------------|----------|----------|---------|------------|----------------------|--|--|--|
| augguguuagguaugucugcgagggc | caguugauga | aaacuccucgucgagaguccu | caaaauggcugc            | aa       | caugaaga | aucuucg | gaaaauuggg | caaguuuacacacucuguau |  |  |  |
| .....                      | caugaaga   | aucuucg               | Gaaaauuggg              | .....    | 1        | 1       | s17        |                      |  |  |  |
| .....                      | caugaaga   | aucuucg               | aaaauuggg               | .....    | 2        | 0       | s17        |                      |  |  |  |
| .....                      | caugaaga   | aucuucg               | aaaauuggU               | .....    | 1        | 1       | s17        |                      |  |  |  |
| .....                      | cGugaaga   | aucuucg               | aaaauuggg               | .....    | 1        | 1       | s17        |                      |  |  |  |
| .....                      | augaaga    | aucuucg               | aaaauugg                | .....    | 1        | 0       | s17        |                      |  |  |  |
| .....                      | augaGga    | aucuucg               | aaaauuggg               | .....    | 2        | 1       | s17        |                      |  |  |  |
| .....                      | augaaga    | aucuucg               | aaaauuggg               | .....    | 1        | 0       | s17        |                      |  |  |  |
| .....                      | augaaga    | aucuucg               | Gauuuggg                | .....    | 1        | 1       | s17        |                      |  |  |  |
| .....                      | augaaga    | aucuucg               | aaaauuggA               | .....    | 1        | 1       | s17        |                      |  |  |  |
| .....                      | ugaaga     | aucuucg               | aaaauugU                | .....    | 1        | 1       | s17        |                      |  |  |  |
| .....                      | ugaaga     | aucuucg               | aaaauugg                | .....    | 2        | 0       | s17        |                      |  |  |  |
| .....                      | ugaaga     | aucuucg               | aaaGuggg                | .....    | 1        | 1       | s17        |                      |  |  |  |
| .....                      | ugaGga     | aucuucg               | aaaauuggg               | .....    | 3        | 1       | s17        |                      |  |  |  |
| .....                      | ugaaga     | aucuucg               | Gauuuggg                | .....    | 2        | 1       | s17        |                      |  |  |  |
| .....                      | ugaaga     | aucuucg               | Gauuuggg                | .....    | 1        | 1       | s17        |                      |  |  |  |
| .....                      | ugaaga     | aucuucg               | aaaauuggU               | .....    | 6        | 1       | s17        |                      |  |  |  |
| .....                      | ugaaga     | aucuucg               | aaaauuggg               | .....    | 24       | 0       | s17        |                      |  |  |  |
| .....                      | ugaaga     | aucuucg               | aaaauuggA               | .....    | 4        | 1       | s17        |                      |  |  |  |
| .....                      | ucg        | aaaauuggg             | caaguuuac               | .....    | 2        | 0       | s17        |                      |  |  |  |
| .....                      | caguuga    | ga                    | aaacuccucgucc           | .....    | 1        | 0       | s01        |                      |  |  |  |
| .....                      | caguuga    | ga                    | aaacuccucguUcu          | .....    | 1        | 1       | s01        |                      |  |  |  |
| .....                      | caguuga    | ga                    | aaacuccucguccugacg      | .....    | 4        | 0       | s01        |                      |  |  |  |
| .....                      | caguuga    | ga                    | aaacuccucguccugacgU     | .....    | 1        | 1       | s01        |                      |  |  |  |
| .....                      | caguuga    | ga                    | aaacuccucguccugacgaUu   | .....    | 1        | 1       | s01        |                      |  |  |  |
| .....                      | caguuga    | ga                    | aaacuccucguccugacgUgu   | .....    | 2        | 1       | s01        |                      |  |  |  |
| .....                      | caguuga    | ga                    | aaaUuccucguccugacgagu   | .....    | 1        | 1       | s01        |                      |  |  |  |
| .....                      | caguuga    | ga                    | gGaaacuccucguccugacgagu | .....    | 1        | 1       | s01        |                      |  |  |  |
| .....                      | caguuga    | ga                    | aaacuccucguccugacgagu   | .....    | 1        | 0       | s01        |                      |  |  |  |
| .....                      | caguuga    | Cga                   | aaacuccucguccugacgagu   | .....    | 1        | 1       | s01        |                      |  |  |  |
| .....                      | aguuga     | ga                    | aaacuccucguccuga        | .....    | 1        | 0       | s01        |                      |  |  |  |
| .....                      | aguuga     | ga                    | aaacuccucguccugacgUgu   | .....    | 1        | 1       | s01        |                      |  |  |  |
| .....                      | ugaaa      | acuccucguccugG        | .....                   | 1        | 1        | s01     |            |                      |  |  |  |
| .....                      | ugaaa      | acuccucguccugaU       | .....                   | 1        | 1        | s01     |            |                      |  |  |  |
| .....                      | ugaaa      | acuccucguccugacC      | .....                   | 1        | 1        | s01     |            |                      |  |  |  |
| .....                      | ugaaa      | acuccucguccugacU      | .....                   | 1        | 1        | s01     |            |                      |  |  |  |
| .....                      | ugaaa      | acuccucguccugacg      | .....                   | 1        | 0        | s01     |            |                      |  |  |  |
| .....                      | gaaa       | acuccucguccugacg      | .....                   | 3        | 0        | s01     |            |                      |  |  |  |
| .....                      | aaa        | acuccucguccugacg      | .....                   | 5        | 0        | s01     |            |                      |  |  |  |
| .....                      | cugac      | gaguccu               | caaaaugg                | .....    | 1        | 0       | s01        |                      |  |  |  |
| .....                      | aa         | caugaaga              | aucuucgaaa              | .....    | 2        | 0       | s01        |                      |  |  |  |
| .....                      | aa         | caugaaga              | aucuucgaaaC             | .....    | 1        | 1       | s01        |                      |  |  |  |
| .....                      | aa         | caugaaga              | aucuucgaaaU             | .....    | 5        | 0       | s01        |                      |  |  |  |
| .....                      | aa         | caugaaga              | aucuucgaaaU             | .....    | 4        | 0       | s01        |                      |  |  |  |
| .....                      | aa         | caugaaga              | aucuucgaaaUug           | .....    | 8        | 0       | s01        |                      |  |  |  |
| .....                      | aa         | caugaaga              | aucuucgaaaUUA           | .....    | 1        | 1       | s01        |                      |  |  |  |
| .....                      | aa         | caugaaga              | aucuucgaaaUUGA          | .....    | 57       | 1       | s01        |                      |  |  |  |
| .....                      | aa         | caugaaga              | aucuucgaaaUugg          | .....    | 1        | 1       | s01        |                      |  |  |  |
| .....                      | aa         | cauga                 | aaAaucuucgaaaUugg       | .....    | 1        | 1       | s01        |                      |  |  |  |
| .....                      | aa         | caugaaga              | aucuucgGaaUugg          | .....    | 3        | 1       | s01        |                      |  |  |  |
| .....                      | aa         | Aaugaaga              | aucuucgaaaUugg          | .....    | 1        | 1       | s01        |                      |  |  |  |
| .....                      | aa         | caugaaga              | aucuucgaaaUugU          | .....    | 13       | 1       | s01        |                      |  |  |  |
| .....                      | aa         | caugGaga              | aucuucgaaaUugg          | .....    | 2        | 1       | s01        |                      |  |  |  |
| .....                      | aa         | caugaaga              | aucuucgaaaGugg          | .....    | 1        | 1       | s01        |                      |  |  |  |
| .....                      | aGca       | ugaaga                | aucuucgaaaUugg          | .....    | 2        | 1       | s01        |                      |  |  |  |
| .....                      | aa         | caugaaga              | aucuucgaaGuugg          | .....    | 1        | 1       | s01        |                      |  |  |  |
| .....                      | aacU       | gaaga                 | aucuucgaaaUugg          | .....    | 2        | 1       | s01        |                      |  |  |  |
| .....                      | aa         | caugaaga              | aucuucgCaauugg          | .....    | 1        | 1       | s01        |                      |  |  |  |
| .....                      | aa         | caugaaga              | aucuucgUaaUugg          | .....    | 1        | 1       | s01        |                      |  |  |  |
| .....                      | aa         | caugaaga              | aucuucgGauugg           | .....    | 3        | 1       | s01        |                      |  |  |  |
| .....                      | aa         | cauga                 | Cgaucuu                 | gaaaUugg | .....    | 1       | 1          | s01                  |  |  |  |
| .....                      | aa         | caugaaga              | aucuucgaaaUugC          | .....    | 1        | 1       | s01        |                      |  |  |  |
| .....                      | aa         | caugaaga              | aucuucgaaaUugg          | .....    | 1        | 1       | s01        |                      |  |  |  |
| .....                      | aa         | caugaaga              | aucuucgaaaUAg           | .....    | 2        | 1       | s01        |                      |  |  |  |
| .....                      | aa         | caugaaga              | aucuucgaaaUugg          | .....    | 442      | 0       | s01        |                      |  |  |  |
| .....                      | aa         | caugaGga              | aucuucgaaaUugg          | .....    | 2        | 1       | s01        |                      |  |  |  |
| .....                      | aa         | caugaaga              | aucuucgGaaaUugg         | .....    | 1        | 1       | s01        |                      |  |  |  |
| .....                      | aa         | caugaaga              | auGuucgaaaUuggg         | .....    | 1        | 1       | s01        |                      |  |  |  |
| .....                      | aa         | caugUga               | aucuucgaaaUuggg         | .....    | 1        | 1       | s01        |                      |  |  |  |
| .....                      | aa         | caugaaga              | aucuucgaaaUuggA         | .....    | 41       | 1       | s01        |                      |  |  |  |

| Star   | Mature |   |     |
|--|--------|---|-----|
| auggguguuagguaugucugcgaggccaguugaugaaaacuccucgucuccugacgagucccucaaaaugggcugcaacaugaagauucugaaaauggggcaaguuuacacaucugua |        |   |     |
| .....aGcaugaagauucugaaaaugggg.....   | 2      | 1 | s01 |
| .....aacaugaagauucugaaGuugggg.....   | 3      | 1 | s01 |
| .....aacaugaagauucugaaaaugggg.....   | 341    | 0 | s01 |
| .....Uacaugaagauucugaaaaugggg.....   | 1      | 1 | s01 |
| .....aacaugGgaucucugaaaaugggg.....   | 1      | 1 | s01 |
| .....aacaugaagauucgGaaugggg.....   | 1      | 1 | s01 |
| .....aacaugaagauucugaaaaGgggg.....   | 1      | 1 | s01 |
| .....aacaugaagauucugaaaaugggU.....   | 10     | 1 | s01 |
| .....aacaugaagauucgaaaCugggg.....  | 1      | 1 | s01 |
| .....aacaugaagCucuucgaaaaugggg.....  | 1      | 1 | s01 |
| .....aacaugaagauucCaaaaugggg.....  | 1      | 1 | s01 |
| .....aacGugaagauucugaaaaugggg.....   | 1      | 1 | s01 |
| .....aacaugaagauucugaaaaugAg.....  | 2      | 1 | s01 |
| .....aacaugaagauucugaaaaugggU.....   | 9      | 1 | s01 |
| .....aacaugaagauucugaaaauggggc.....  | 13     | 0 | s01 |
| .....aacaugaagauucgaaaaugAgc.....  | 1      | 1 | s01 |
| .....aacaugaagauucgaaaaugAgca.....   | 2      | 1 | s01 |
| .....aacaugGgaucucgaaaauggggca.....  | 2      | 1 | s01 |
| .....aacaugaagauucgaaaauggggcG.....  | 5      | 1 | s01 |
| .....aacCugaagauucgaaaauggggca.....  | 1      | 1 | s01 |
| .....aacaugaagauucgaaaauggggcU.....  | 1      | 1 | s01 |
| .....aacaugaaAaucuucgaaaauggggca.....  | 1      | 1 | s01 |
| .....Gacaugaagauucgaaaauggggca.....  | 3      | 1 | s01 |
| .....aacaugaagauucgaaaauggggGa.....  | 15     | 1 | s01 |
| .....aacUugaagauucgaaaauggggca.....  | 1      | 1 | s01 |
| .....aacaugaagauucgaaaaCggggca.....  | 3      | 1 | s01 |
| .....aacaugaagauucgaaaauggggca.....  | 90     | 0 | s01 |
| .....aacaugaagauucAucgaaaauggggca.....   | 2      | 1 | s01 |
| .....aacaugaagauucgaaaaCggggcaa.....   | 1      | 1 | s01 |
| .....aacaugaagauucgaaaauggggcCa.....   | 1      | 1 | s01 |
| .....aacaugaagauucgaaaauggggcaa.....   | 2      | 0 | s01 |
| .....aacaugaagauucgaaaauggggGaa.....   | 1      | 1 | s01 |
| .....aacaugaagauucgaaaauggggcGa.....   | 25     | 1 | s01 |
| .....aacaugaagauucgaaaauggggcaC.....   | 4      | 1 | s01 |
| .....aacaugaagauucgaaaauggggcaaA.....  | 2      | 1 | s01 |
| .....aacaugaagauucgGaauggggcaag.....   | 1      | 1 | s01 |
| .....aacaugaagauucgaaaaCggggcaag.....  | 1      | 1 | s01 |
| .....aacaugaagauucgaaaaugUgcaag.....   | 1      | 1 | s01 |
| .....aacaugaagauucgaaaauggggcaag.....  | 40     | 0 | s01 |
| .....aacaugaagauucgaaaaugAgcaag.....   | 3      | 1 | s01 |
| .....Gacaugaagauucgaaaauggggcaag.....  | 1      | 1 | s01 |
| .....aacaugaagauucgUaauggggcaag.....   | 1      | 1 | s01 |
| .....aacaugaagauucgaaaauggggcaagC.....   | 22     | 1 | s01 |
| .....aacaugaGgaucucgaaaauggggcaagu.....  | 2      | 1 | s01 |
| .....aacaugaagauucgaaaauggggcaagG.....   | 5      | 1 | s01 |
| .....aacaugaagauucgaaaauggggcaagu.....   | 137    | 0 | s01 |
| .....aacaugaagauucAucgaaaauggggcaagu.....  | 1      | 1 | s01 |
| .....aacaugaagauucgaaGuuggggcaagu.....   | 1      | 1 | s01 |
| .....aacaugaagauucgaaaaugAgcgaagu.....   | 5      | 1 | s01 |
| .....aacaugaagauucgaaaauggggcGagu.....   | 1      | 1 | s01 |
| .....aacaugaagauucgGaauggggcaagu.....  | 2      | 1 | s01 |
| .....aacaugaagauucgaaaaCggggcaagu.....   | 4      | 1 | s01 |
| .....aGcaugaagauucgaaaauggggcaagu.....   | 1      | 1 | s01 |
| .....aacaugaagauucgaaaaugggAcaagu.....   | 1      | 1 | s01 |
| .....aacaugaagauAaucgaaaauggggcaagu.....   | 1      | 1 | s01 |
| .....aacaugaagauucgaaaauggggcaaguu.....  | 11     | 0 | s01 |
| .....aacaugaagauucgaaaauggggcaaguA.....  | 1      | 1 | s01 |
| .....acaugaagauucgaaaauggg.....  | 1      | 0 | s01 |
| .....acaugaagauucgaaaauggggcaagu.....  | 1      | 0 | s01 |
| .....caugaagauucgaaaauggg.....   | 1      | 0 | s01 |
| .....caugaagauucgaaaauggggcGa.....   | 1      | 1 | s01 |
| .....augaagauucgaaaaugA.....   | 1      | 1 | s01 |
| .....augaagauucgaaaauggg.....  | 1      | 0 | s01 |
| .....ugaGgaucucgaaaauggg.....  | 1      | 1 | s01 |
| .....ugGgaucucgaaaauggg.....   | 1      | 1 | s01 |
| .....ugGgaucucgaaaaugggg.....  | 2      | 1 | s01 |
| .....ugaagauucgGaugggg.....  | 1      | 1 | s01 |
| .....ugaagauucgaaaaugggg.....  | 3      | 0 | s01 |
| .....ugaGgaucucgaaaaugggg.....   | 3      | 1 | s01 |
| .....agaucucgaaaauggggcaa.....   | 2      | 0 | s01 |

## Star

## Mature

augguguuagguaugucugcgagccaguugaugaaacuccucgucgacgagucccucaaaauggcugcaacaugaagaucucgaaaugggcaaguuuacacaucuguau

|   |     |   |     |
|---|-----|---|-----|
| .ugguguuagguaugucuU.....                                  | 1   | 1 | s13 |
| .ugguguuagguaugucuA.....                                  | 1   | 1 | s13 |
| .....cugcgagggccaguuga <u>gaa</u> U.....                  | 1   | 1 | s13 |
| .....caguuga <u>gaa</u> acuccucgC.....                    | 1   | 1 | s13 |
| .....caguuga <u>gaa</u> acuccucgu.....                    | 2   | 0 | s13 |
| .....caguuga <u>gaa</u> acuccucgucc.....                  | 1   | 0 | s13 |
| .....caguuga <u>gaa</u> acuccucguC.....                   | 1   | 1 | s13 |
| .....caguuga <u>gaa</u> acuccucguccu.....                 | 3   | 0 | s13 |
| .....caguuga <u>gaa</u> acuccucguccA.....                 | 4   | 1 | s13 |
| .....caguuga <u>gaa</u> acuccucUuccu.....                 | 1   | 1 | s13 |
| .....caguuga <u>gaa</u> acuccucguCgu.....                 | 1   | 1 | s13 |
| .....caguuga <u>gaa</u> acuccucguccugac.....              | 1   | 0 | s13 |
| .....caguuga <u>gaa</u> acuccucguccugacg.....             | 18  | 0 | s13 |
| .....cag <u>Auga</u> gaaacuccucguccugacg.....             | 2   | 1 | s13 |
| .....caguuga <u>gaa</u> acuccucgGccugacg.....             | 6   | 1 | s13 |
| .....caguuga <u>gaa</u> acuccA <u>cg</u> uccugacg.....    | 7   | 1 | s13 |
| .....caguuga <u>gaa</u> acuccucguC <u>g</u> ugacg.....    | 2   | 1 | s13 |
| .....caguuga <u>gaa</u> acuccucguccugacU.....             | 1   | 1 | s13 |
| .....caguuga <u>gaa</u> acuccucguccugacgC.....            | 2   | 1 | s13 |
| .....caguuga <u>gaa</u> acuccucguccugacga.....            | 11  | 0 | s13 |
| .....caguuga <u>gaa</u> acuccucguccugacgU.....            | 6   | 1 | s13 |
| .....caguuga <u>gaa</u> acuccucguccugacgaC.....           | 1   | 1 | s13 |
| .....caguuga <u>gaa</u> acuccA <u>cg</u> uccugacgag.....  | 2   | 1 | s13 |
| .....caguuga <u>gaa</u> acuccucguccugacgag.....           | 2   | 0 | s13 |
| .....caguugaC <u>gaa</u> acuccucguccugacgagu.....         | 11  | 1 | s13 |
| .....caguuga <u>gaa</u> acuccA <u>cg</u> uccugacgagu..... | 110 | 1 | s13 |
| .....caguuga <u>gaa</u> acuccucguccugacgagu.....          | 13  | 0 | s13 |
| .....caguuga <u>gaa</u> acuccucguccugacgagC.....          | 1   | 1 | s13 |
| .....caguuga <u>gaa</u> acuccucguccugacgaUu.....          | 1   | 1 | s13 |
| .....aguuga <u>gaa</u> acuccucguccu.....                  | 2   | 0 | s13 |
| .....aguuga <u>gaa</u> acuccucguccuU.....                 | 1   | 1 | s13 |
| .....aguuga <u>gaa</u> acuccucguccuga.....                | 4   | 0 | s13 |
| .....aguuga <u>gaa</u> acuccucguccugacg.....              | 4   | 0 | s13 |
| .....aguuga <u>gaa</u> acuccucguccugacU.....              | 1   | 1 | s13 |
| .....aguuga <u>gaa</u> acuccucguccugacga.....             | 1   | 0 | s13 |
| .....aguuga <u>gaa</u> acuccucguccugacgU.....             | 1   | 1 | s13 |
| .....aguuga <u>gaa</u> acuccA <u>cg</u> uccugacgagu.....  | 1   | 1 | s13 |
| .....guuga <u>gaa</u> acuccucguccugacg.....               | 1   | 0 | s13 |
| .....u <u>gaa</u> acuccucguccugacg.....                   | 2   | 0 | s13 |
| .....C <u>gaa</u> acuccucguccugacgaguccucaa.....          | 1   | 1 | s13 |
| .....uccucguccugacgaguccucGaaauggc.....                   | 1   | 1 | s13 |
| .....cugacgaguccucaaaa.....                               | 1   | 0 | s13 |
| .....Gaacaugaagau <u>cucg</u> aaa <u>u</u> gg.....        | 1   | 1 | s13 |
| .....aacaugaagau <u>cucg</u> aa.....                      | 1   | 0 | s13 |
| .....aacaugaagau <u>cucg</u> aaa.....                     | 1   | 0 | s13 |
| .....aacaugaagau <u>cucg</u> aGa.....                     | 1   | 1 | s13 |
| .....aacaugaagau <u>cucg</u> aaaC.....                    | 1   | 1 | s13 |
| .....aacaugaagau <u>cucg</u> aaa.....                     | 31  | 0 | s13 |
| .....aacaugaagau <u>cucg</u> aaa <u>u</u> .....           | 3   | 1 | s13 |
| .....aacaugaagauC <u>cu</u> cgaaa <u>u</u> .....          | 1   | 1 | s13 |
| .....aacaugaagau <u>cucg</u> aaa <u>u</u> .....           | 17  | 0 | s13 |
| .....aacaugaagau <u>cucg</u> aaa <u>u</u> g.....          | 1   | 1 | s13 |
| .....aacaugaagau <u>cucg</u> aaa <u>u</u> A.....          | 4   | 1 | s13 |
| .....aacaugaagau <u>cucg</u> aaa <u>u</u> g.....          | 17  | 0 | s13 |
| .....aacGugaagau <u>cucg</u> aaa <u>u</u> g.....          | 1   | 1 | s13 |
| .....aacaugaagau <u>cucg</u> aaa <u>u</u> g.....          | 3   | 1 | s13 |
| .....aacaugaagauC <u>cu</u> cgaaa <u>u</u> g.....         | 5   | 1 | s13 |
| .....aacaugaGga <u>cucg</u> aaa <u>u</u> g.....           | 19  | 1 | s13 |
| .....aacUugaagau <u>cucg</u> aaa <u>u</u> g.....          | 16  | 1 | s13 |
| .....aacaugCaga <u>cucg</u> aaa <u>u</u> g.....           | 2   | 1 | s13 |
| .....aacaugaagau <u>cucg</u> Gaaa <u>u</u> g.....         | 8   | 1 | s13 |
| .....Uacaugaagau <u>cucg</u> aaa <u>u</u> g.....          | 9   | 1 | s13 |
| .....aacaugaagau <u>cucg</u> aaa <u>u</u> gU.....         | 127 | 1 | s13 |
| .....aacaugaagau <u>cucg</u> aGau <u>u</u> g.....         | 3   | 1 | s13 |
| .....aacaugaagau <u>cucg</u> aaaC <u>u</u> g.....         | 6   | 1 | s13 |
| .....Cacaugaagau <u>cucg</u> aaa <u>u</u> g.....          | 8   | 1 | s13 |
| .....aacaugGaga <u>cucg</u> aaa <u>u</u> g.....           | 7   | 1 | s13 |
| .....aacGugaagau <u>cucg</u> aaa <u>u</u> g.....          | 11  | 1 | s13 |
| .....aacaugaagau <u>cucg</u> Caaa <u>u</u> g.....         | 1   | 1 | s13 |



| Star                      | Mature                         |                       |  |
|---------------------------|--------------------------------|-----------------------|--|
| augguguuagguaugucugcgaggc | caguugaugaaacuccucguccuga      | cgagucccucaaaauggcugc | caacugaagaucuucgaaaugggcaaguuuacacaucuguau |
| .....                     | .aacugaagaucuucgaaGuugg.....   | 4                     | 1 s13                                      |
| .....                     | .aacugaagaucuucgaaaugC.....    | 19                    | 1 s13                                      |
| .....                     | .aacugaagaucuucgaaaauugA.....  | 365                   | 1 s13                                      |
| .....                     | .aCcaugaagaucuucgaaaugg.....   | 2                     | 1 s13                                      |
| .....                     | .aacugaagaucuucgaaaugg.....    | 2278                  | 0 s13                                      |
| .....                     | .aacugaagaucuGcgaaaugg.....    | 4                     | 1 s13                                      |
| .....                     | .aacugaagCucuucgaaaugg.....    | 1                     | 1 s13                                      |
| .....                     | .aacugaagaucAucgaaaugg.....    | 2                     | 1 s13                                      |
| .....                     | .aacugaCgaucucgaaaugg.....     | 1                     | 1 s13                                      |
| .....                     | .aacugaagaucuAcgaaaugg.....    | 6                     | 1 s13                                      |
| .....                     | .aacugaagaGcuucgaaaugg.....    | 1                     | 1 s13                                      |
| .....                     | .aUcaugaagaucuucgaaaugg.....   | 6                     | 1 s13                                      |
| .....                     | .aacugaagaucuucgaaauAgg.....   | 1                     | 1 s13                                      |
| .....                     | .aacagGaagaucuucgaaaugg.....   | 3                     | 1 s13                                      |
| .....                     | .aacugaagaucuucGUaaugg.....    | 3                     | 1 s13                                      |
| .....                     | .aaAaugaagaucuucgaaaugg.....   | 1                     | 1 s13                                      |
| .....                     | .aacugaagaucuucgaaaGuugg.....  | 1                     | 1 s13                                      |
| .....                     | .aacugaaAaucuucgaaaugg.....    | 1                     | 1 s13                                      |
| .....                     | .aGcaugaagaucuucgaaaugg.....   | 15                    | 1 s13                                      |
| .....                     | .aacugaagaucuCcgaauugg.....    | 4                     | 1 s13                                      |
| .....                     | .aacugaagaGcuucgaaaauCg.....   | 2                     | 1 s13                                      |
| .....                     | .aacugaagUcuucgaaaugg.....     | 2                     | 1 s13                                      |
| .....                     | .aacugaagaucuucgaaCuuggg.....  | 1                     | 1 s13                                      |
| .....                     | .aacugaagaucuucgaaauAggg.....  | 2                     | 1 s13                                      |
| .....                     | .aacagGaagaucuucgaaauggg.....  | 2                     | 1 s13                                      |
| .....                     | .aacugaagaucuucgaaauggg.....   | 1524                  | 0 s13                                      |
| .....                     | .aacugaagaGcuucgaaauggg.....   | 1                     | 1 s13                                      |
| .....                     | .aacugaagaCcuucgaaauggg.....   | 7                     | 1 s13                                      |
| .....                     | .aacugaagCcuucgaaauggg.....    | 2                     | 1 s13                                      |
| .....                     | .aacUugaagaucuucgaaauggg.....  | 7                     | 1 s13                                      |
| .....                     | .aacugaGgaucucgaaauggg.....    | 3                     | 1 s13                                      |
| .....                     | .aaGaugaagaucuucgaaauggg.....  | 1                     | 1 s13                                      |
| .....                     | .aacugaagaucuucgaaGuuggg.....  | 5                     | 1 s13                                      |
| .....                     | .aacugaagaucuucgaaaugUg.....   | 2                     | 1 s13                                      |
| .....                     | .aacugaagaucuucgaaaauAgg.....  | 7                     | 1 s13                                      |
| .....                     | .aacugaagaucuGcgaaauggg.....   | 4                     | 1 s13                                      |
| .....                     | .aaUaugaagaucuucgaaauggg.....  | 2                     | 1 s13                                      |
| .....                     | .aacugaagaucAucgaaauggg.....   | 1                     | 1 s13                                      |
| .....                     | .Caugaagaaucuucgaaauggg.....   | 10                    | 1 s13                                      |
| .....                     | .aacugaCgaucucgaaauggg.....    | 1                     | 1 s13                                      |
| .....                     | .aacugaagaucuucGUaauggg.....   | 1                     | 1 s13                                      |
| .....                     | .aCcaugaagaucuucgaaauggg.....  | 3                     | 1 s13                                      |
| .....                     | .aacugaagaucuAcgaaauggg.....   | 2                     | 1 s13                                      |
| .....                     | .aacaugUgaucucgaaauggg.....    | 1                     | 1 s13                                      |
| .....                     | .aacugaagaucuucgaaaGuuggg..... | 2                     | 1 s13                                      |
| .....                     | .Uaugaagaaucuucgaaauggg.....   | 4                     | 1 s13                                      |
| .....                     | .aacugaagaucuucgaaauggU.....   | 91                    | 1 s13                                      |
| .....                     | .aacugaagaucuucgaaauggA.....   | 353                   | 1 s13                                      |
| .....                     | .aacaugGgaucucgaaauggg.....    | 9                     | 1 s13                                      |
| .....                     | .aacauCaagaucuucgaaauggg.....  | 1                     | 1 s13                                      |
| .....                     | .aacugaagaucuUGgaaauggg.....   | 2                     | 1 s13                                      |
| .....                     | .aGcaugaagaucuucgaaauggg.....  | 6                     | 1 s13                                      |
| .....                     | .aacugaagaucuucgaaaCuuggg..... | 4                     | 1 s13                                      |
| .....                     | .aacugaagaucuucGaauggg.....    | 2                     | 1 s13                                      |
| .....                     | .aacauUaagaucuucgaaauggg.....  | 1                     | 1 s13                                      |
| .....                     | .aacGugaagaucuucgaaauggg.....  | 9                     | 1 s13                                      |
| .....                     | .aacaugCagaucucgaaauggg.....   | 2                     | 1 s13                                      |
| .....                     | .aacugaagaucuucgaaaugAg.....   | 5                     | 1 s13                                      |
| .....                     | .aUcaugaagaucuucgaaauggg.....  | 1                     | 1 s13                                      |
| .....                     | .aacugaagaucuucGaauggg.....    | 1                     | 1 s13                                      |
| .....                     | .aacugaagaucuucgaGauuggg.....  | 9                     | 1 s13                                      |
| .....                     | .aacugaagUcuucgaaauggg.....    | 1                     | 1 s13                                      |
| .....                     | .aacugaagaucucgaaaauAgc.....   | 6                     | 1 s13                                      |
| .....                     | .aacugaagaucuucgaaauggUc.....  | 1                     | 1 s13                                      |
| .....                     | .aacaugGgaucucgaaaugggc.....   | 1                     | 1 s13                                      |
| .....                     | .aacugaagaucuucgaaauCgggc..... | 1                     | 1 s13                                      |
| .....                     | .aacugaagaucuucgaaaugggc.....  | 9                     | 0 s13                                      |
| .....                     | .aacugaagaucuucgaaaugggU.....  | 7                     | 1 s13                                      |
| .....                     | .aacugaGgaucucgaaaugggca.....  | 1                     | 1 s13                                      |
| .....                     | .aacugaagaucuucGaauggggca..... | 1                     | 1 s13                                      |

Star

## Mature

augguguuagguaugucugcgagggc**caguuga**gaaacuccucguccgagaguc**ccu**caaaa**uggc**ug**caaca**ugaagaucuucgaaa**u**ggggaaguuuacacaucuguau

|                                       |     |   |     |
|---------------------------------------|-----|---|-----|
| ..aacaugaagaucuucgaaauggAca.....      | 3   | 1 | s13 |
| ..aacaugaagaucuucCaaauggggca.....     | 3   | 1 | s13 |
| ..Gacaugaagaucuucgaaauggggca.....     | 1   | 1 | s13 |
| ..aacaugaagaucuucgaaauCggggca.....    | 4   | 1 | s13 |
| ..aacaugaagaucuucgaaauggggcU.....     | 3   | 1 | s13 |
| ..aacaugaagaucuucgaGauuggggca.....    | 1   | 1 | s13 |
| ..aacaugaagaCcuucgaaauggggca.....     | 1   | 1 | s13 |
| ..aacaugaagaucuucgaaauggggcG.....     | 6   | 1 | s13 |
| ..aacUugaagaucuucgaaauggggca.....     | 1   | 1 | s13 |
| ..aacaugaagaucuucgaaauggggGa.....     | 8   | 1 | s13 |
| ..aacaugaagaucuucgaaauggAgca.....     | 53  | 1 | s13 |
| ..aacaugaagaucuucgaaauggggca.....     | 129 | 0 | s13 |
| ..aacaugaagaucuucgaaUuuggggca.....    | 1   | 1 | s13 |
| ..aacaugaagaucuucgaaauCggggcaa.....   | 1   | 1 | s13 |
| ..aacaugaagaucuucgaaauggAgcaa.....    | 3   | 1 | s13 |
| ..aacaugaagaucuucgaaauggggcGa.....    | 2   | 1 | s13 |
| ..aacaugaagaucuucgaaauggggcCa.....    | 2   | 1 | s13 |
| ..aacaugaagaucuucgaaauggggcaa.....    | 6   | 0 | s13 |
| ..aacaugaCgaucucgaaauggggcaag.....    | 1   | 1 | s13 |
| ..aacaugaagaucuucgaaauggggcaaA.....   | 4   | 1 | s13 |
| ..aacaugaagaucuucgaaauggggGaag.....   | 3   | 1 | s13 |
| ..aacaugaagaucuucgaGauuggggcaag.....  | 3   | 1 | s13 |
| ..aacaugaagaucuucCaaauggggcaag.....   | 1   | 1 | s13 |
| ..aacaugaagaucuAcgaaauggggcaag.....   | 1   | 1 | s13 |
| ..aacaugaagaucuucgaaauggggcaaU.....   | 1   | 1 | s13 |
| ..aacaugaagaucuucgaaauCggggcaag.....  | 12  | 1 | s13 |
| ..aacaugaagaucuCcgaauuggggcaag.....   | 2   | 1 | s13 |
| ..aacaugaagaucuucgaaGuuggggcaag.....  | 1   | 1 | s13 |
| ..aacaugaagaucuucgaaauggggcaag.....   | 165 | 0 | s13 |
| ..aacUugaagaucuucgaaauggggcaag.....   | 3   | 1 | s13 |
| ..Cacaugaagaucuucgaaauggggcaag.....   | 1   | 1 | s13 |
| ..aacaugaagaucuucgaaauggggcaaC.....   | 11  | 1 | s13 |
| ..aacaugaagaucuucgaaauggAgcaag.....   | 77  | 1 | s13 |
| ..aacaugGagaucuucgaaauggggcaag.....   | 1   | 1 | s13 |
| ..aacaugaagaucuGcgaaauggggcaag.....   | 1   | 1 | s13 |
| ..aaUugaagaucuucgaaauggggcaag.....    | 3   | 1 | s13 |
| ..aacaugaagauGuucgaaauggggcaag.....   | 3   | 1 | s13 |
| ..aacaugaagaucuucgaaauggggcaGg.....   | 2   | 1 | s13 |
| ..Cacaugaagaucuucgaaauggggcaagu.....  | 1   | 1 | s13 |
| ..aacaugaagaucuucgaaauggAgcgaagu..... | 39  | 1 | s13 |
| ..aacaugaagaucuucgaaauggggcaagC.....  | 33  | 1 | s13 |
| ..aacUugaagaucuucgaaauggggcaagu.....  | 2   | 1 | s13 |
| ..aacaugaagaucuucgaaauggggcaagG.....  | 6   | 1 | s13 |
| ..aacaugaagauGuucgaaauggggcaagu.....  | 14  | 1 | s13 |
| ..aacaugaagaucuucgaaauggggUaagu.....  | 1   | 1 | s13 |
| ..aacaugaagaucuucgaaauggggcaagu.....  | 180 | 0 | s13 |
| ..aacaugaagaGcuucgaaauggggcaagu.....  | 1   | 1 | s13 |
| ..aacaugGagaucuucgaaauggggcaagu.....  | 4   | 1 | s13 |
| ..aacaugaagaucuGcgaaauggggcaagu.....  | 1   | 1 | s13 |
| ..aacaugaagaucuucCaaauggggcaagu.....  | 1   | 1 | s13 |
| ..aacaugaGgaucucgaaauggggcaagu.....   | 2   | 1 | s13 |
| ..aacaugaagaucuucGgaauuggggcaagu..... | 1   | 1 | s13 |
| ..aacGugaagaucuucgaaauggggcaagu.....  | 1   | 1 | s13 |
| ..aGcaugaagaucuucgaaauggggcaagu.....  | 1   | 1 | s13 |
| ..aacaugaagaucuucgaaauggggcUagu.....  | 1   | 1 | s13 |
| ..aacaugaagaucuucgCaauggggcaagu.....  | 1   | 1 | s13 |
| ..aacaugaagaucuucgaaaCuggggcaagu..... | 1   | 1 | s13 |
| ..aacaugaagaucuucgaaaauAggcaagu.....  | 7   | 1 | s13 |
| ..aacaugaagaucuCcgaauuggggcaagu.....  | 1   | 1 | s13 |
| ..aacaugaagaucuucgaaauCggggcaagu..... | 32  | 1 | s13 |
| ..aacaugaagaucuAcgaaauggggcaagu.....  | 2   | 1 | s13 |
| ..Gacaugaagaucuucgaaauggggcaagu.....  | 2   | 1 | s13 |
| ..aacUugaagaucuucgaaauggggcaaguu..... | 1   | 1 | s13 |
| ..aacaugaagaucuucgaaauggAgcgaagu..... | 1   | 1 | s13 |
| ..aacaugaagaucuucgaaauggggcaaguG..... | 1   | 1 | s13 |
| ..aacaugaagaucuucgaaauggggcaaguu..... | 31  | 0 | s13 |
| ..aacaugaagaucuucgaaauggggcUaguu..... | 1   | 1 | s13 |
| ..acaugaagaucuucgaaauggg.....         | 1   | 0 | s13 |
| ..acaugaagaucuucgaaauggggcaag.....    | 1   | 0 | s13 |
| ..caugaagaucuucgaaauggg.....          | 2   | 0 | s13 |

## Mature

|   |    |   |     |
|---|----|---|-----|
| augguguuagguaugucugcgaggccaguuugaagaaacuccucgucgacgagucccucaaaauggcugcaacaugagaucucgaaauugggcaaguuuacacaucuguau |    |   |     |
| .....caugaagaucucgaaauuggg.....   | 2  | 0 | s13 |
| .....augaagaucucgaaauugU.....   | 1  | 1 | s13 |
| .....augaGgaucucgaaauuggg.....  | 1  | 1 | s13 |
| .....Gugaagaucucgaaauuggg.....  | 1  | 1 | s13 |
| .....ugaagaCcuucgaaauuggg.....  | 1  | 1 | s13 |
| .....ugaagaucucgaaauugA.....  | 1  | 1 | s13 |
| .....ugaagaucucgaaauuAg.....  | 1  | 1 | s13 |
| .....ugaagaucucgaaauuggg.....   | 7  | 0 | s13 |
| .....ugaGgaucucgaaauuggg.....   | 1  | 1 | s13 |
| .....ugaagaucucgaaauugU.....  | 2  | 1 | s13 |
| .....ugGagaucucgaaauuggg.....   | 3  | 1 | s13 |
| .....ugaagaucucgaaGuuggg.....   | 1  | 1 | s13 |
| .....ugGagaucucgaaauuggg.....   | 1  | 1 | s13 |
| .....ugaagaucucgaaauuggg.....   | 6  | 0 | s13 |
| .....ugaGgaucucgaaauuggg.....   | 2  | 1 | s13 |
| .....ugaagaucucgaaauugggcaag.....   | 1  | 0 | s13 |
| .....uucgaaauugggcaaguuua.....  | 1  | 0 | s13 |
| .....uucgaaauCgggcaaguuua.....  | 1  | 1 | s13 |
| .....uucgaaauCgggcaaguuuac.....   | 1  | 1 | s13 |
| .....ucgaaauugggcaaguuua.....   | 1  | 0 | s13 |
| augguguuagguGugucug.....  | 2  | 1 | s12 |
| .ugguguuagguaugucug.....  | 1  | 0 | s12 |
| .ugguguuagguGugucug.....  | 3  | 1 | s12 |
| .ugguguuagguGugucugc.....   | 1  | 1 | s12 |
| .....ugucugcgaggccGguugau.....  | 2  | 1 | s12 |
| .....ucugcgaggccGguugau.....  | 2  | 1 | s12 |
| .....ccaguugaugaaacuccu.....  | 1  | 0 | s12 |
| .....caguugaugaaacuccucgu.....  | 1  | 0 | s12 |
| .....caguugaugaaacuccucgucG.....  | 1  | 1 | s12 |
| .....caguugaugaaacuccucgucc.....  | 6  | 0 | s12 |
| .....caguugaugaaacuccucgCccu.....   | 1  | 1 | s12 |
| .....caguugaugaaacuccucguccA.....   | 1  | 1 | s12 |
| .....caguugaugaaacuccucguccu.....   | 3  | 0 | s12 |
| .....caguugaugaaacuccucguccG.....   | 1  | 1 | s12 |
| .....caguugaugaaacuccucguccuga.....   | 1  | 0 | s12 |
| .....caguugaugaaacuccucguccgac.....   | 1  | 0 | s12 |
| .....caguugaCgaacuccucguccgacg.....   | 1  | 1 | s12 |
| .....caguugaugaaacuccucgucGugacg.....   | 5  | 1 | s12 |
| .....caguugaugaaacuccucguccugacU.....   | 3  | 1 | s12 |
| .....caguugaugaaacuccucguccgacg.....  | 16 | 0 | s12 |
| .....caguugaugaaacuccucguccgacgU.....   | 19 | 1 | s12 |
| .....caguugaugaaacuccucguccgacgC.....   | 3  | 1 | s12 |
| .....caguugaugaaacuccucguccgacgaU.....  | 2  | 1 | s12 |
| .....caguugaugaaacuccucguccgacgag.....  | 1  | 0 | s12 |
| .....caguugaugaaacuccucguccgacgaUu.....   | 2  | 1 | s12 |
| .....caguugaugaaacuccucguccgacgUgu.....   | 1  | 1 | s12 |
| .....aguugaugaaacuccucgu.....   | 1  | 0 | s12 |
| .....aguugaugaaacuccucgucug.....  | 1  | 0 | s12 |
| .....aguugaugaaacuccucguccgacga.....  | 2  | 0 | s12 |
| .....aguugaugaaacuccucguccgacgUg.....   | 2  | 1 | s12 |
| .....ugaugaaacuccucguccugU.....   | 1  | 1 | s12 |
| .....ugaaacuccucguccgacg.....   | 1  | 0 | s12 |
| .....ugaaacuccucgucGugacg.....  | 1  | 1 | s12 |
| .....aaacuccucguccgacg.....   | 1  | 0 | s12 |
| .....acuccucguccgacgagucccaaaug.....  | 3  | 0 | s12 |
| .....ucguccugacgagucccG.....  | 1  | 1 | s12 |
| .....guccucaaaauggcugca.....  | 1  | 0 | s12 |
| .....uccucaaaauggcugca.....   | 1  | 0 | s12 |
| .....caacugaagaucucgaaauuggg.....   | 1  | 0 | s12 |
| .....caacGugaagaucucgaaauuggg.....  | 1  | 1 | s12 |
| .....caacugaagaucucgaaauugggA.....  | 1  | 1 | s12 |
| .....aacugaagaucucgaG.....  | 2  | 1 | s12 |
| .....aacugaagaucucgaa.....  | 6  | 0 | s12 |
| .....aacugaagaucuAcgaaa.....  | 1  | 1 | s12 |
| .....aacugaagaucucgaaa.....   | 40 | 0 | s12 |
| .....aacugaagaucucgaGa.....   | 1  | 1 | s12 |
| .....aacaugGagaucucgaaa.....  | 1  | 1 | s12 |
| .....Cacaugaagaucucgaaa.....  | 1  | 1 | s12 |
| .....aacGugaagaucucgaaa.....  | 2  | 1 | s12 |

| Star                      | Mature   |                           |                      |
|---------------------------|--|---------------------------|----------------------|
| augguguuagguaugucugcgaggc | caguugaugaaacuccucguccugacgagucccucaaaauggcugc | caacaugaagaucuuucgaaauggg | gcaaguuuacacaucuguan |
| .....                     | .aacaugaagaucuuucgGaa.....                     | 1                         | 1 s12                |
| .....                     | .aacaugaagaucuuucgaaaU.....                    | 48                        | 0 s12                |
| .....                     | .aacaugaagaucuuucgaaaGu.....                   | 8                         | 1 s12                |
| .....                     | .aacaugaagaucuuucgaaaC.....                    | 8                         | 1 s12                |
| .....                     | .aacUugaagaucuuucgaaaU.....                    | 1                         | 1 s12                |
| .....                     | .aacaugaagGcuucgaaaU.....                      | 1                         | 1 s12                |
| .....                     | .aacGugaagaucuuucgaaaU.....                    | 2                         | 1 s12                |
| .....                     | .aacaugaagaucuuCcgaauU.....                    | 2                         | 1 s12                |
| .....                     | .aacUugaagaucuuucgaaaU.....                    | 1                         | 1 s12                |
| .....                     | .aacaugaGgaucuuucgaaaU.....                    | 1                         | 1 s12                |
| .....                     | .aacaugaagaucuuucgaaaU.....                    | 34                        | 0 s12                |
| .....                     | .aacaugaagaucuuucgaaaGu.....                   | 1                         | 1 s12                |
| .....                     | .aacaugaagaucuuucgaaaU.....                    | 2                         | 1 s12                |
| .....                     | .aacaugaagaucuuCcgaauU.....                    | 1                         | 1 s12                |
| .....                     | .aacGugaagaucuuucgaaaU.....                    | 2                         | 1 s12                |
| .....                     | .aacaugaagaucuuucgaaaU.....                    | 5                         | 1 s12                |
| .....                     | .aacaugaagaucuuucgaaaU.....                    | 15                        | 0 s12                |
| .....                     | .aacaugaagaAcuucgaaaU.....                     | 2                         | 1 s12                |
| .....                     | .aacaugaagaucuuucgaaaU.....                    | 4                         | 1 s12                |
| .....                     | .aacaugaagaucuuucgaaaU.....                    | 87                        | 1 s12                |
| .....                     | .CacaugaagaucuuucgaaaU.....                    | 4                         | 1 s12                |
| .....                     | .UacaugaagaucuuucgaaaU.....                    | 9                         | 1 s12                |
| .....                     | .aacaugaagaucuuCcgaauU.....                    | 5                         | 1 s12                |
| .....                     | .aacaugaUgaucuuucgaaaU.....                    | 4                         | 1 s12                |
| .....                     | .aacaugaagaucuuucgaaaU.....                    | 389                       | 1 s12                |
| .....                     | .aacaugGagauucgaaaU.....                       | 19                        | 1 s12                |
| .....                     | .aacaugaagaucuuucgaaaGugg.....                 | 4                         | 1 s12                |
| .....                     | .aacauUaagaucuuucgaaaU.....                    | 1                         | 1 s12                |
| .....                     | .aacaugaGgaucuuucgaaaU.....                    | 3                         | 1 s12                |
| .....                     | .aacaugaagaucuuucgaaaU.....                    | 52                        | 1 s12                |
| .....                     | .aacaugaGgaucuuucgaaaU.....                    | 15                        | 1 s12                |
| .....                     | .aacaugaagaucuuucgaaaU.....                    | 2903                      | 0 s12                |
| .....                     | .aacaugaagaucuuucgaaaU.....                    | 11                        | 1 s12                |
| .....                     | .aacGugaagaucuuucgaaaU.....                    | 101                       | 1 s12                |
| .....                     | .aacUugaagaucuuucgaaaU.....                    | 27                        | 1 s12                |
| .....                     | .aacaugaagaucuuucgaaaUagg.....                 | 2                         | 1 s12                |
| .....                     | .aacAgaagaucuuucgaaaU.....                     | 1                         | 1 s12                |
| .....                     | .aUaugaagaucuuucgaaaU.....                     | 1                         | 1 s12                |
| .....                     | .aacaugaagaucuuucgaaaU.....                    | 8                         | 1 s12                |
| .....                     | .aacaugaagaCcuucgaaaU.....                     | 11                        | 1 s12                |
| .....                     | .aacaugaagaGcuucgaaaU.....                     | 1                         | 1 s12                |
| .....                     | .aacaugaagaucuuucgaaaU.....                    | 1                         | 1 s12                |
| .....                     | .aacaugaagaucuuucgaaaUagg.....                 | 2                         | 1 s12                |
| .....                     | .aacaugaagaucuuucgaaaUagg.....                 | 6                         | 1 s12                |
| .....                     | .aacaugaagaucuuucgaaaU.....                    | 1                         | 1 s12                |
| .....                     | .aacaugaagaucuuucgaaaU.....                    | 286                       | 1 s12                |
| .....                     | .aacaugaAaAaucuuucgaaaU.....                   | 3                         | 1 s12                |
| .....                     | .aacaugaagaucuuGgaauU.....                     | 1                         | 1 s12                |
| .....                     | .aacaugaagCcuucgaaaU.....                      | 2                         | 1 s12                |
| .....                     | .aacaugaagaAaucgaaaU.....                      | 2                         | 1 s12                |
| .....                     | .aacaugaagaucuuucgaaaU.....                    | 2                         | 1 s12                |
| .....                     | .aacaugCagauucgaaaU.....                       | 2                         | 1 s12                |
| .....                     | .aacGgaagaucuuucgaaaU.....                     | 1                         | 1 s12                |
| .....                     | .aacaugaagaucuuucgaaaU.....                    | 2                         | 1 s12                |
| .....                     | .aacaugUagaucuuucgaaaU.....                    | 2                         | 1 s12                |
| .....                     | .aaAaugaagaucuuucgaaaU.....                    | 2                         | 1 s12                |
| .....                     | .aaUaugaagaucuuucgaaaU.....                    | 5                         | 1 s12                |
| .....                     | .aacaugaagaucuuucgaaaU.....                    | 4                         | 1 s12                |
| .....                     | .aGaugaagaucuuucgaaaU.....                     | 10                        | 1 s12                |
| .....                     | .aacaugaagaucuuGcgaauU.....                    | 2                         | 1 s12                |
| .....                     | .aacaugaagaucuuucgaaaUggg.....                 | 2515                      | 0 s12                |
| .....                     | .aacaugaagaucuuucgaaaUggg.....                 | 6                         | 1 s12                |
| .....                     | .aacCugaagaucuuucgaaaUggg.....                 | 1                         | 1 s12                |
| .....                     | .aacaugaagaucuuucgaaaUggg.....                 | 1                         | 1 s12                |
| .....                     | .aacaugaagaucuuucgaaaUggg.....                 | 3                         | 1 s12                |
| .....                     | .aacaugaagaucuuucgaaaUggA.....                 | 397                       | 1 s12                |
| .....                     | .aacaugaagaucuuucgaaaUggg.....                 | 1                         | 1 s12                |
| .....                     | .aacGugaagaucuuucgaaaUggg.....                 | 90                        | 1 s12                |
| .....                     | .aacaugaagaGguucgaaaUggg.....                  | 1                         | 1 s12                |
| .....                     | .aacaugaagaucuuucgaaaUggg.....                 | 1                         | 1 s12                |

## Star

## Mature

augguguuagguaugucugcgagggcaguugaugaacuccucguccugacgagucccucaaaaugggcugcaacaugaagaucuuagggaaguuuacacaucugua

|   |     |   |     |
|---|-----|---|-----|
| .....aacaugaagCuccuucgaaauggg.....      | 2   | 1 | s12 |
| .....aacaugaagaucuuaggaaauggCg.....     | 4   | 1 | s12 |
| .....aacaugUagaucuuaggaaauggg.....      | 3   | 1 | s12 |
| .....aacaugaagaucuuaggaaGuuggg.....     | 199 | 1 | s12 |
| .....aacaugaagaucuuaggaaauggAg.....     | 1   | 1 | s12 |
| .....aacUugaagaucuuaggaaauggg.....      | 27  | 1 | s12 |
| .....aacaAgaagaucuuaggaaauggg.....      | 1   | 1 | s12 |
| .....aacaugaCgaucuuaggaaauggg.....      | 1   | 1 | s12 |
| .....aacaugaagaucuuaggaaaAggg.....      | 2   | 1 | s12 |
| .....aUcaugaagaucuuaggaaauggg.....      | 4   | 1 | s12 |
| .....aacaugaagaCcuucgaaauggg.....       | 3   | 1 | s12 |
| .....aacaugaagaucuuaggUaauggg.....      | 1   | 1 | s12 |
| .....aacaugaagaucuuaggaaaCgg.....       | 1   | 1 | s12 |
| .....aacaugGagaucuuaggaaauggg.....      | 14  | 1 | s12 |
| .....aacaugaagaucuuaggaaauggg.....      | 9   | 1 | s12 |
| .....aacaugaagaucuuaggCaauuggg.....     | 1   | 1 | s12 |
| .....aacaugaagaucuuaggGauuggg.....      | 11  | 1 | s12 |
| .....aacaugaUgaucuuaggaaauggg.....      | 1   | 1 | s12 |
| .....aacaugCagaucuuaggaaauggg.....      | 1   | 1 | s12 |
| .....aacaugaagaCcuucgaaauggg.....       | 5   | 1 | s12 |
| .....aacaugaagaucuuaggaaauggU.....      | 234 | 1 | s12 |
| .....aacaugaagaucuuaggCaauuggg.....     | 1   | 1 | s12 |
| .....aacaugaagaucuuaggGaauggg.....      | 12  | 1 | s12 |
| .....Ucaugaagaucuuaggaaauggg.....       | 3   | 1 | s12 |
| .....aaAugaagaucuuaggaaauggg.....       | 1   | 1 | s12 |
| .....aacaugaagaucuuaggaaauggUg.....     | 3   | 1 | s12 |
| .....aacaugaagaucuuaggGaaauggg.....     | 6   | 1 | s12 |
| .....aacaugaagaucuuaggGaauggg.....      | 1   | 1 | s12 |
| .....aacaugaGgaucuuaggaaauggg.....      | 10  | 1 | s12 |
| .....aacaugaagaucuuaggaaaUAgg.....      | 5   | 1 | s12 |
| .....aGcaugaagaucuuaggaaauggg.....      | 9   | 1 | s12 |
| .....aacaugaagaucuuaggaaaUGgg.....      | 4   | 1 | s12 |
| .....aacaugaagUucuuaggaaauggg.....      | 2   | 1 | s12 |
| .....Cacaugaagaucuuaggaaauggg.....      | 7   | 1 | s12 |
| .....aacaugaagaucuuaggaaCuuggg.....     | 3   | 1 | s12 |
| .....aacaugaagaucuuaggaaaugggc.....     | 47  | 0 | s12 |
| .....aacaugaagaucuuaggaaaCgggc.....     | 1   | 1 | s12 |
| .....aacUugaagaucuuaggaaaugggc.....     | 1   | 1 | s12 |
| .....aacaugaagaucuuaggaaauggAc.....     | 3   | 1 | s12 |
| .....aacaugaagaucuuaggaaGuugggc.....    | 2   | 1 | s12 |
| .....aacGugaagaucuuaggaaaugggc.....     | 12  | 1 | s12 |
| .....Cacaugaagaucuuaggaaaugggc.....     | 1   | 1 | s12 |
| .....aacaugaagaucuuaggaaaugggU.....     | 90  | 1 | s12 |
| .....aacaugaagaucuuaggaaaugggcC.....    | 2   | 1 | s12 |
| .....aacaugaagaucuuaggaaaugggGa.....    | 92  | 1 | s12 |
| .....aacaugaagaucuuaggaaaugggUa.....    | 3   | 1 | s12 |
| .....aacaugaagaucuuaggaaaugggcU.....    | 7   | 1 | s12 |
| .....aacaugaagaucuuaggaaaugggca.....    | 1   | 1 | s12 |
| .....aacaugaagaucuuaggaaaugggca.....    | 89  | 0 | s12 |
| .....aacaugaagaCcuucgaaaugggca.....     | 1   | 1 | s12 |
| .....aacaugaGgaucuuaggaaaugggca.....    | 1   | 1 | s12 |
| .....aacaugaagaucuuaggaaauggUca.....    | 1   | 1 | s12 |
| .....aacaugaagaucuuaggaaaCgggca.....    | 5   | 1 | s12 |
| .....aacUugaagaucuuaggaaaugggca.....    | 2   | 1 | s12 |
| .....aacaugaagaucuuaggaaauggAca.....    | 1   | 1 | s12 |
| .....aacaugaagaucuuaggaaaugggcG.....    | 3   | 1 | s12 |
| .....aacaugaUgaucuuaggaaaugggca.....    | 1   | 1 | s12 |
| .....aacGugaagaucuuaggaaaugggca.....    | 38  | 1 | s12 |
| .....aacaugaagaucuuaggaaaugggcaU.....   | 1   | 1 | s12 |
| .....aacaugaagaucuuaggaaaugggcUa.....   | 1   | 1 | s12 |
| .....aacaugaagaucuuaggaaaugggUaa.....   | 6   | 1 | s12 |
| .....aacaugaagaucuuaggaaaugggcGa.....   | 39  | 1 | s12 |
| .....aacaugaagaucuuaggaaaugggcCa.....   | 2   | 1 | s12 |
| .....aacUugaagaucuuaggaaauggggcaa.....  | 1   | 1 | s12 |
| .....aacaugaagaucuuaggaaauggggcaa.....  | 4   | 0 | s12 |
| .....aacaugaagaucuuaggaaaCugggcaag..... | 1   | 1 | s12 |
| .....aacaugaagaucuuaggGauuggggcaag..... | 1   | 1 | s12 |
| .....aacaugaagaucuuaggaaaugggcUag.....  | 1   | 1 | s12 |
| .....aacaugaagaucuuaggaaaCgggcaag.....  | 8   | 1 | s12 |
| .....aacaugaagaucuuaggaaauggAgcaag..... | 1   | 1 | s12 |

## Star

## Mature

augguguuagguauugucugcgaggccaguugaugaaacuccucgucgagacgagucccucaaaaugggcugcaacaugaagaucuuucgaaaugggcgaaguuuacacaucugua

|   |     |   |     |
|---|-----|---|-----|
| .....aacaugaagaucuuucgaaaugggcGag.....    | 2   | 1 | s12 |
| .....aacaugaagaucuuucgaaaugggcAAA.....    | 12  | 1 | s12 |
| .....aacaugaagaucuuucgaaaugggcCaag.....   | 142 | 0 | s12 |
| .....aacaugaagUucuuucgaaaugggcCaag.....   | 1   | 1 | s12 |
| .....aacUugaagaucuuucgaaaugggcCaag.....   | 3   | 1 | s12 |
| .....aacaugaagaucuuucgaaGuugggcCaag.....  | 3   | 1 | s12 |
| .....aacaugaagaucuuucgaaaugggcUaag.....   | 1   | 1 | s12 |
| .....aacaugaGgaucuuucgaaaugggcCaag.....   | 1   | 1 | s12 |
| .....aacaugaagaucuuucgaaaugggcCaau.....   | 2   | 1 | s12 |
| .....aacGugaagaucuuucgaaaugggcCaag.....   | 45  | 1 | s12 |
| .....aacCugaagaucuuucgaaaugggcCaag.....   | 2   | 1 | s12 |
| .....aacaugaUgaucuuucgaaaugggcCaag.....   | 1   | 1 | s12 |
| .....aacaugaagaucuuucgaaaugggcCaGg.....   | 1   | 1 | s12 |
| .....aacaugaUgaucuuucgaaaugggcCaagu.....  | 1   | 1 | s12 |
| .....aacaugaGgaucuuucgaaaugggcCaagu.....  | 1   | 1 | s12 |
| .....aacaugaagaucuuucGaaugggcCaagu.....   | 1   | 1 | s12 |
| .....aacaugaagaucuuucGaaaCugggcCaagu..... | 1   | 1 | s12 |
| .....aacaugaagaucuuucgaaaugggcCaagC.....  | 8   | 1 | s12 |
| .....aacaugaagaucuuucgaaauuAggCaagu.....  | 2   | 1 | s12 |
| .....aacGugaagaucuuucgaaaugggcCaagu.....  | 7   | 1 | s12 |
| .....aacaugaagaucuuucgaaaugggcCaagu.....  | 67  | 0 | s12 |
| .....aacaugaagaucuuucGaugggcCaagu.....    | 1   | 1 | s12 |
| .....aacaugaagaucuuucgaaaugggcCaGgu.....  | 1   | 1 | s12 |
| .....aacaugaagaucuuucgaaaCgggcCaagu.....  | 15  | 1 | s12 |
| .....aacaugaagaucuuucgaaaugAgcCaagu.....  | 1   | 1 | s12 |
| .....aacaugaagaucuuucgaaaugggcCaagGu..... | 1   | 1 | s12 |
| .....aacaugaagaucuuucgaaaugggcCaaguu..... | 13  | 0 | s12 |
| .....aacaugaagaucuuucGaaaCgggcCaaguu..... | 2   | 1 | s12 |
| .....aacaugaagaucuuucGaaugggcCaaguu.....  | 2   | 1 | s12 |
| .....aacGugaagaucuuucgaaaugggcCaaguu..... | 2   | 1 | s12 |
| .....acaugaagaucuuucGaaU.....             | 1   | 1 | s12 |
| .....acaugaagaucuuucgaaauggg.....         | 3   | 0 | s12 |
| .....acaugaagaucuuucgaaauggU.....         | 1   | 1 | s12 |
| .....acaugaagaucuuucgaaauggg.....         | 1   | 0 | s12 |
| .....acaugaagaucuuucgaaGuuggg.....        | 2   | 1 | s12 |
| .....acaugaagaucuuucgaaGuugggcCaag.....   | 1   | 1 | s12 |
| .....acaugaagaucuuucgaaaCgggcCaagu.....   | 1   | 1 | s12 |
| .....caugaagaucuuucgaaauggU.....          | 2   | 1 | s12 |
| .....caugaagaucuuucgaaauggg.....          | 2   | 0 | s12 |
| .....caugaagaucuuucgaaauggC.....          | 2   | 1 | s12 |
| .....caugaagaucuuucgaaauggg.....          | 4   | 0 | s12 |
| .....caugaagaucuuucgaaaugggc.....         | 1   | 0 | s12 |
| .....caugaagaucuuucgaaaugggcCaagu.....    | 2   | 0 | s12 |
| .....caugaagaucUcGgaaaugggcCaagu.....     | 1   | 1 | s12 |
| .....augaagaucuuucgaaauggA.....           | 2   | 1 | s12 |
| .....augaagaucuuucgaaauggg.....           | 2   | 0 | s12 |
| .....augaagaucuuucgaaauggg.....           | 1   | 0 | s12 |
| .....ugaagaucuuucGaugg.....               | 1   | 1 | s12 |
| .....ugGagaucuuucgaaauggg.....            | 2   | 1 | s12 |
| .....ugaagaucuuucgaaauggA.....            | 5   | 1 | s12 |
| .....ugaagaucuuucgaaauggg.....            | 8   | 0 | s12 |
| .....ugaagaucuuucgaaauggg.....            | 22  | 0 | s12 |
| .....ugGagaucuuucgaaauggg.....            | 2   | 1 | s12 |
| .....ugaGgaucuuucgaaauggg.....            | 4   | 1 | s12 |
| .....ugaagaucuuucgaaauggA.....            | 2   | 1 | s12 |
| .....ugaagaucuuucGauggg.....              | 1   | 1 | s12 |
| .....ugaagaucuuucgaaGuuggg.....           | 2   | 1 | s12 |
| .....ugaagaucuuucgaaauggU.....            | 4   | 1 | s12 |
| .....ugaagaucuuucgaaaugggcCaagu.....      | 2   | 0 | s12 |
| .....ugaagaucuuucgaaaugggcCaaguuua.....   | 1   | 0 | s12 |
| .....aagaucuuucgaaaugggcU.....            | 3   | 1 | s12 |
| .....agaucuuucgaaaugggcCaaguuuaUa.....    | 1   | 1 | s12 |
| .....gaucuuucgaaaugggcCaaguuu.....        | 1   | 0 | s12 |
| .....ucuuucgaaaugggcCaaguuu.....          | 2   | 0 | s12 |
| .....aaaugggcCaaguuuacacU.....            | 1   | 1 | s12 |
| .....ugguguuagguauugucugc.....            | 1   | 0 | s14 |
| .....ugucugcgaggccGguugau.....            | 1   | 1 | s14 |
| .....aggccGguugaugaaaacuc.....            | 1   | 1 | s14 |
| .....ccaguugaugaaacuccu.....              | 1   | 0 | s14 |

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## Mature

|   |     |   |  |     |
|---|-----|---|--|-----|
| aaggguuagguaugucugcgaggccaguugaugaaacuccucguccugacgaguccucaaaauggcugcaacauagaagauucugaaauugggcaaguuuacacaucugua |     |   |  |     |
| .....caguugaugaaacuccucguccu.....   | 1   | 0 |  | s14 |
| .....caguugaugaaacuccucguccugacg.....   | 5   | 0 |  | s14 |
| .....caguugaugCaacuccucguccugacg.....   | 1   | 1 |  | s14 |
| .....caguugaugaaacuccucguccugacga.....  | 2   | 0 |  | s14 |
| .....caguugaugaaacuccAcguccugacgagu.....  | 1   | 1 |  | s14 |
| .....caguugaugaaacuccucguccugacgagu.....  | 6   | 0 |  | s14 |
| .....augaGacuccucguccug.....  | 1   | 1 |  | s14 |
| .....ugaacuccucguccugacg.....   | 5   | 0 |  | s14 |
| .....aacuccucguccugacgaguccucaaaa.....  | 1   | 0 |  | s14 |
| .....ucguccugGcgaguccuc.....  | 1   | 1 |  | s14 |
| .....ugacgaguccucaaaaug.....  | 2   | 0 |  | s14 |
| .....aacauagaagauucgaaa.....  | 1   | 0 |  | s14 |
| .....aacGugaagauucgaaa.....   | 1   | 1 |  | s14 |
| .....aacaugGagauucgaaa.....   | 1   | 1 |  | s14 |
| .....aacauagaagauucgaaa.....  | 4   | 0 |  | s14 |
| .....aacauagaagauucgaaa.....  | 4   | 0 |  | s14 |
| .....aacauCaagauucgaaaug.....   | 1   | 1 |  | s14 |
| .....aacauagaagauucgaaaug.....  | 11  | 0 |  | s14 |
| .....aacUugaagauucgaaaugg.....  | 4   | 1 |  | s14 |
| .....aacaugGagauucgaaaugg.....  | 2   | 1 |  | s14 |
| .....aacaugUagauucgaaaugg.....  | 1   | 1 |  | s14 |
| .....aGcaugaagauucgaaaugg.....  | 4   | 1 |  | s14 |
| .....aacauagaagauucgaaaugC.....   | 8   | 1 |  | s14 |
| .....aacauagaagauucgGaaugg.....   | 1   | 1 |  | s14 |
| .....aacauagaagauucgGaaugg.....   | 4   | 1 |  | s14 |
| .....aacauaaAauucgaaaugg.....   | 1   | 1 |  | s14 |
| .....aacauagaagauucgaaaugg.....   | 386 | 0 |  | s14 |
| .....aacGugaagauucgaaaugg.....  | 10  | 1 |  | s14 |
| .....aacauagaagauucgaaaugU.....   | 11  | 1 |  | s14 |
| .....aacaugaCgaucgaaaugg.....   | 1   | 1 |  | s14 |
| .....aacaugaGgaucgaaaugg.....   | 2   | 1 |  | s14 |
| .....aacauagaagauucgaaGuugg.....  | 1   | 1 |  | s14 |
| .....aacauagaagauucgaaaugA.....   | 47  | 1 |  | s14 |
| .....aacauagaagauucGcgaauugg.....   | 4   | 1 |  | s14 |
| .....aacaugaUgaucgaaaugg.....   | 1   | 1 |  | s14 |
| .....aGcaugaagauucgaaauggg.....   | 1   | 1 |  | s14 |
| .....aacauagaagauucgaaaugAg.....  | 1   | 1 |  | s14 |
| .....aacauagaagauucGcgaauuggg.....  | 1   | 1 |  | s14 |
| .....aacauagaagauucgaaGuuggg.....   | 2   | 1 |  | s14 |
| .....aacauagaagauucgaaCuuggg.....   | 1   | 1 |  | s14 |
| .....aacauagaagauucgaaCuuggg.....   | 1   | 1 |  | s14 |
| .....aaUugaagauucgaaauggg.....  | 1   | 1 |  | s14 |
| .....aacUugaagauucgaaauggg.....   | 2   | 1 |  | s14 |
| .....aacauagaagauucgaaauggA.....  | 98  | 1 |  | s14 |
| .....aacaugaGgaucgaaauggg.....  | 4   | 1 |  | s14 |
| .....aacCugaagauucgaaauggg.....   | 1   | 1 |  | s14 |
| .....aacauagaagauucgaaauggg.....  | 497 | 0 |  | s14 |
| .....aacauagaagCucucgaaauggg.....   | 1   | 1 |  | s14 |
| .....aacauagaagauucgCaauggg.....  | 1   | 1 |  | s14 |
| .....aacGugaagauucgaaauggg.....   | 4   | 1 |  | s14 |
| .....aacauagaagauucgUaauggg.....  | 1   | 1 |  | s14 |
| .....aaAugaagauucgaaauggg.....  | 1   | 1 |  | s14 |
| .....aacaugGagauucgaaauggg.....   | 1   | 1 |  | s14 |
| .....aacGgaagauucgaaauggg.....  | 1   | 1 |  | s14 |
| .....aacauagaGcuucgaaauggg.....   | 1   | 1 |  | s14 |
| .....aacauagaagGcuucgaaauggg.....   | 3   | 1 |  | s14 |
| .....aacauagaagauucgGaauggg.....  | 7   | 1 |  | s14 |
| .....aacauagaagauucgaaaCuggg.....   | 1   | 1 |  | s14 |
| .....aacauagaagauucgaaauggg.....  | 1   | 1 |  | s14 |
| .....Cacauagaagauucgaaauggg.....  | 2   | 1 |  | s14 |
| .....aacauagaagauucgaaauggU.....  | 16  | 1 |  | s14 |
| .....aacauagaagauucGgaaauggg.....   | 1   | 1 |  | s14 |
| .....aacauagaagauucCaaauggg.....  | 1   | 1 |  | s14 |
| .....aacauagaagauucgaaaugggg.....   | 13  | 0 |  | s14 |
| .....aacGugaagauucgaaauggggc.....   | 1   | 1 |  | s14 |
| .....aacauagaagauucgaaauggggU.....  | 10  | 1 |  | s14 |
| .....aacUugaagauucgaaauggggc.....   | 3   | 1 |  | s14 |
| .....aaAugaagauucgaaauggggca.....   | 1   | 1 |  | s14 |
| .....aacauagaagauucgaaauggggGa.....   | 100 | 1 |  | s14 |
| .....aacGugaagauucgaaauggggca.....  | 5   | 1 |  | s14 |
| .....aacauagaagauucgaaaCgggca.....  | 5   | 1 |  | s14 |

## Star

## Mature

|  |                              |   |     |  |
|--|------------------------------|---|-----|--|
| augguguuagguaugucugcgaggccaguugaugaaaacuccucgucugacgaguccucacaaaugggcugcaacaugaagaucuu | cgaauugggcgaaguuuacacaucugua |   |     |  |
| .....aacauagaagauucgaaauugggcU.....  | 1                            | 1 | s14 |  |
| .....aacUugaagaucuu  | 1                            | 1 | s14 |  |
| .....aacauagaagaucuu   | 1                            | 1 | s14 |  |
| .....Cacaugaagaucuu  | 2                            | 1 | s14 |  |
| .....aacauagaagaucuu   | 31                           | 0 | s14 |  |
| .....aacauagaagaucuu   | 2                            | 1 | s14 |  |
| .....aacGugaagaucuu  | 1                            | 1 | s14 |  |
| .....aacauagaagaucuu   | 1                            | 1 | s14 |  |
| .....aacauagaagaucuu   | 1                            | 1 | s14 |  |
| .....aacauagaagaucuu   | 3                            | 1 | s14 |  |
| .....aacauagaagaucuu   | 1                            | 1 | s14 |  |
| .....aacauagaagaucuu   | 11                           | 1 | s14 |  |
| .....aacauagaagaucuu   | 1                            | 1 | s14 |  |
| .....aacGugaagaucuu  | 5                            | 1 | s14 |  |
| .....aacauagaagaucuu   | 1                            | 1 | s14 |  |
| .....aacauagaagaucuu   | 38                           | 0 | s14 |  |
| .....aacauagaagaucuu   | 1                            | 1 | s14 |  |
| .....aacauagaagaucuu   | 1                            | 1 | s14 |  |
| .....aacauagaagaucuu   | 18                           | 0 | s14 |  |
| .....aacauagaagaucuu   | 2                            | 1 | s14 |  |
| .....aacauagaagaucuu   | 1                            | 1 | s14 |  |
| .....aacUugaagaucuu  | 1                            | 1 | s14 |  |
| .....aacauagaagaucuu   | 3                            | 1 | s14 |  |
| .....Gacaugaagaucuu  | 1                            | 1 | s14 |  |
| .....aacauagaagaucuu   | 1                            | 1 | s14 |  |
| .....aacGugaagaucuu  | 1                            | 1 | s14 |  |
| .....aacauagaagaucuu   | 19                           | 0 | s14 |  |
| .....aacauagaagaucuu   | 1                            | 1 | s14 |  |
| .....acaugaagaucuu   | 1                            | 1 | s14 |  |
| .....caugaagaucuu  | 2                            | 0 | s14 |  |
| .....ugaagaucuu  | 4                            | 1 | s14 |  |
| .....ugaagaucuu  | 6                            | 0 | s14 |  |
| .....ugaagaucuu  | 32                           | 0 | s14 |  |
| .....ugaagaucuu  | 2                            | 1 | s14 |  |
| .....ugaGgaucuu  | 4                            | 1 | s14 |  |
| .....ugaagaucuu  | 2                            | 1 | s14 |  |
| .....ugGgaucuu   | 3                            | 1 | s14 |  |
| .....ugaagaucuu  | 6                            | 1 | s14 |  |
| .....agaucuu   | 1                            | 0 | s14 |  |
| .....ucuu  | 1                            | 0 | s14 |  |
| .....aaauugggcgaaguuuacacU.....  | 1                            | 1 | s14 |  |
| .....ugguguuagguGugucugc.....  | 1                            | 1 | s19 |  |
| .....caguugaugaaaacuccucAu.....  | 1                            | 1 | s19 |  |
| .....caguugaugaaaacuccucgucGugacg.....   | 2                            | 1 | s19 |  |
| .....caguugaugaaaacuccucgucgacg.....   | 5                            | 0 | s19 |  |
| .....caguugaugaaaacuccucgucgacgaAu.....  | 1                            | 1 | s19 |  |
| .....cagCugaugaaaacuccucgucgacgagau.....   | 1                            | 1 | s19 |  |
| .....Uaguugaugaaaacuccucgucgacgagau.....   | 1                            | 1 | s19 |  |
| .....aCgaaaacuccucgucg.....  | 2                            | 1 | s19 |  |
| .....ugaaaacuccucgucg.....   | 2                            | 1 | s19 |  |
| .....ugaaaacuccucgucg.....   | 1                            | 1 | s19 |  |
| .....aaacuccucgucgacg.....   | 1                            | 0 | s19 |  |
| .....ucgucgacgaguccucU.....  | 2                            | 1 | s19 |  |
| .....ugacgaguccucGau.....  | 1                            | 1 | s19 |  |
| .....gcaacaugaagaucuu  | 2                            | 0 | s19 |  |
| .....aacauagaagaucuu   | 3                            | 0 | s19 |  |
| .....aacauagaagaucuu   | 11                           | 0 | s19 |  |
| .....aacauagaagaucuu   | 2                            | 1 | s19 |  |
| .....aacauagaagaucuu   | 3                            | 1 | s19 |  |
| .....aacauagaagaucuu   | 2                            | 1 | s19 |  |
| .....aacauagaagaucuu   | 29                           | 0 | s19 |  |
| .....aacauagaagaucuu   | 1                            | 1 | s19 |  |
| .....aacauagaagaucuu   | 1                            | 1 | s19 |  |
| .....aacauagaagaucuu   | 7                            | 0 | s19 |  |
| .....aacauagaagaucuu   | 1                            | 1 | s19 |  |
| .....Uacaugaagaucuu  | 1                            | 1 | s19 |  |
| .....aacauagaagaucuu   | 6                            | 0 | s19 |  |



## Star

## Mature

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|                                       |      |   |     |
|---------------------------------------|------|---|-----|
| .....aacaugaaAaauucgaaaugg.....       | 2    | 1 | s19 |
| .....aaGaugaagaucuuucgaaaugg.....     | 1    | 1 | s19 |
| .....Uacaugaagaucuuucgaaaugg.....     | 6    | 1 | s19 |
| .....aacaugaagaCcuucgaaaugg.....      | 7    | 1 | s19 |
| .....aUacaugaagaucuuucgaaaugg.....    | 2    | 1 | s19 |
| .....aacaugaagaucuuucgaaauggU.....    | 37   | 1 | s19 |
| .....aacaugaagaucUAcgaaaugg.....      | 1    | 1 | s19 |
| .....aacaugaagUucuuucgaaaugg.....     | 1    | 1 | s19 |
| .....aacaugGagaucuuucgaaaugg.....     | 8    | 1 | s19 |
| .....aacaugaagaucuuucgaaCuugg.....    | 3    | 1 | s19 |
| .....aacUugaagaucuuucgaaaugg.....     | 9    | 1 | s19 |
| .....aacaugaagaucuuucgaaUuugg.....    | 1    | 1 | s19 |
| .....aacaugaagaucuuucgGaaugg.....     | 20   | 1 | s19 |
| .....aacaugaGgaucuuucgaaaugg.....     | 11   | 1 | s19 |
| .....aacaugaagaucuuucgaaauggA.....    | 147  | 1 | s19 |
| .....aacaugaagaucuuucgaaauggC.....    | 11   | 1 | s19 |
| .....aacaugaagaucUcGaaaugg.....       | 1    | 1 | s19 |
| .....aacaugaagaucuuucgaaGauugg.....   | 4    | 1 | s19 |
| .....aacaugaagaucuuGaaaugg.....       | 1    | 1 | s19 |
| .....aacaugaagaucuuucgaaaugg.....     | 1084 | 0 | s19 |
| .....aacaugaagCucuuucgaaaugg.....     | 2    | 1 | s19 |
| .....aacaGgaagaucuuucgaaaugg.....     | 1    | 1 | s19 |
| .....aacaugaagaucuuucgaaauuCg.....    | 1    | 1 | s19 |
| .....aacaugCagaucuuucgaaaugg.....     | 4    | 1 | s19 |
| .....aGcaugaagaucuuucgaaaugg.....     | 6    | 1 | s19 |
| .....aacaugaagaucuuucgaaaGugg.....    | 1    | 1 | s19 |
| .....aaUaugaagaucuuucgaaaugg.....     | 2    | 1 | s19 |
| .....aacaugaagaucAucgaaaugg.....      | 2    | 1 | s19 |
| .....aacaugUagaucuuucgaaaugg.....     | 1    | 1 | s19 |
| .....aacaugaagaucuuucgaaaUagg.....    | 1    | 1 | s19 |
| .....aacaugaagauAuucgaaaugg.....      | 1    | 1 | s19 |
| .....aacaugaagaucuuucgaaauuAg.....    | 1    | 1 | s19 |
| .....aacaugaagaucuuucgaaaCugg.....    | 2    | 1 | s19 |
| .....aacauUaagaucuuucgaaaugg.....     | 1    | 1 | s19 |
| .....aacaugaagaucuuucgaaGuugg.....    | 2    | 1 | s19 |
| .....aacaugaagaucUAcgaaauggg.....     | 3    | 1 | s19 |
| .....aGcaugaagaucuuucgaaauggg.....    | 3    | 1 | s19 |
| .....aacaugaUgaucuuucgaaauggg.....    | 1    | 1 | s19 |
| .....aacaugaGgaucuuucgaaauggg.....    | 1    | 1 | s19 |
| .....aacaugaagaucuuucgaauggg.....     | 2    | 1 | s19 |
| .....aacUugaagaucuuucgaaauggg.....    | 5    | 1 | s19 |
| .....aacGugaagaucuuucgaaauggg.....    | 5    | 1 | s19 |
| .....aacaugaagaucuuucgaaauggg.....    | 698  | 0 | s19 |
| .....aacaugaagaucuuucgCaauuggg.....   | 1    | 1 | s19 |
| .....aacaugaagaucuuucgaaaugggU.....   | 13   | 1 | s19 |
| .....aacaugaagaucuuucgaaaugggUg.....  | 2    | 1 | s19 |
| .....aacaugaagaucuuucgGaauggg.....    | 13   | 1 | s19 |
| .....aacaugaagaucuuucgaaaugggA.....   | 131  | 1 | s19 |
| .....aacaugaagUucuuucgaaauggg.....    | 1    | 1 | s19 |
| .....aacaugaagaucuuucgaaaGuggg.....   | 3    | 1 | s19 |
| .....aacaugaagaucuuucgaaaUGggg.....   | 2    | 1 | s19 |
| .....aacaugaagaucuuucgaaaCuggg.....   | 1    | 1 | s19 |
| .....aacaugGagaucuuucgaaauggg.....    | 4    | 1 | s19 |
| .....aacaugaagaucuuucgaaGuuggg.....   | 5    | 1 | s19 |
| .....aacaugaagaucuuucgaaaUagg.....    | 3    | 1 | s19 |
| .....aacaugaagaucAucgaaauggg.....     | 1    | 1 | s19 |
| .....aacaGgaagaucuuucgaaaugggc.....   | 1    | 1 | s19 |
| .....aacaugaGgaucuuucgaaaugggc.....   | 1    | 1 | s19 |
| .....Uacaugaagaucuuucgaaaugggc.....   | 1    | 1 | s19 |
| .....aacaugaagaucuuucgaaaugggU.....   | 10   | 1 | s19 |
| .....aacaugaagaucuuucgaaauggggc.....  | 10   | 0 | s19 |
| .....aacaugaagaucuuucgGaauggggc.....  | 1    | 1 | s19 |
| .....aacaugUagaucuuucgaaauggggca..... | 1    | 1 | s19 |
| .....aacaugaagaucuuucgaaauggggUa..... | 1    | 1 | s19 |
| .....aacaugaagaucuuucgaaauggggca..... | 52   | 0 | s19 |
| .....aacaugaagaucuuucgaaaugggUca..... | 1    | 1 | s19 |
| .....aacaugaagaucuuucgaaauCgggca..... | 3    | 1 | s19 |
| .....aacaugaagaucuuucgaaaauAgca.....  | 3    | 1 | s19 |
| .....aacaugaagaucuuucgGaauggggca..... | 2    | 1 | s19 |
| .....aacaugaagaucuuucgUaauggggca..... | 1    | 1 | s19 |

## Mature

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|                                    |                                    |     |   |     |
|------------------------------------|------------------------------------|-----|---|-----|
| aaggguuagguaugucugcgagggc          | caguugaugaaacuccucguccA            | 1   | 1 | s05 |
| .....aacaugaagauucgaaauugg         | .....aacaugaagauucgaaauuggC        | 1   | 1 | s18 |
| .....aacaugGagauucgaaauugg         | .....aacaugGagauucgaaauuggA        | 44  | 1 | s18 |
| .....aacaugaagauucgaaauuggU        | .....aacaugaagauucgaaauuggG        | 11  | 1 | s18 |
| .....aacaugaagauucgGaaauuggg       | .....aacaugaagauucgGaaauugggA      | 43  | 1 | s18 |
| .....aacaugaagauucgaaauAagg        | .....aacaugaagauucgaaauAaggg       | 1   | 1 | s18 |
| .....Uacaugaagauucgaaauuggg        | .....aacaugaagauucgaaauuggg        | 127 | 0 | s18 |
| .....aacaugaagauucgaaauugggC       | .....aacaugaagauucgaaauAagg        | 2   | 1 | s18 |
| .....aacaugaagaAcuucgaaauuggg      | .....aacaugaagaAcuucgaaauuggg      | 1   | 1 | s18 |
| .....aacaugaagaCcuucgaaauuggg      | .....aacaugaagaCcuucgaaauuggg      | 1   | 1 | s18 |
| .....aacaugaagauucgaaauCuggg       | .....aacaugaagauucgaaauugAg        | 2   | 1 | s18 |
| .....aacaugaagauucgaaauugggc       | .....aacaugaagauucgaaauugggC       | 5   | 0 | s18 |
| .....aacaugaagauucgaaauugggU       | .....aacaugaagauucgaaauugAgca      | 3   | 1 | s18 |
| .....aacaugaagauucgaaauugggG       | .....aacaugaagauucgaaauugggG       | 4   | 1 | s18 |
| .....aacaugaagauucgaaauugggca      | .....aacaugaagauucgaaauCgggcaag    | 1   | 0 | s18 |
| .....aGcaugaagauucgaaauugggcaag    | .....aGcaugaagauucgaaauugggcaag    | 1   | 1 | s18 |
| .....aCcaugaagauucgaaauugggcaag    | .....aacaugaagauucgaaauugggCag     | 1   | 1 | s18 |
| .....aacaugaagauucgaaauugggcaag    | .....aacaugaagauucgaaauugggcaag    | 24  | 0 | s18 |
| .....aacaugaagauucgaaauugggcaGg    | .....aacaugaagauucgaaauugggcaaA    | 4   | 1 | s18 |
| .....aacaugaagauucgaaauugggcUagu   | .....aacaugaagauucgaaauugggcaagu   | 1   | 1 | s18 |
| .....aacaugaagauucgaaauugggcaagu   | .....aacaugaagauucgaaauugggcaagG   | 1   | 1 | s18 |
| .....aacaugaagauucgaaauugggcaagC   | .....aacaugaagauucgaaauugggcaagu   | 18  | 0 | s18 |
| .....aGcaugaagauucgaaauugggcaagu   | .....aGcaugaagauucgaaauugggcaagu   | 1   | 1 | s18 |
| .....caugaagauucgaaauugg           | .....caugaagauucgaaauuggg          | 2   | 0 | s18 |
| .....caugaagauucgaaauuggg          | .....aagaagauucgaaauugg            | 1   | 0 | s18 |
| .....aagaagauucgaaauugg            | .....ugaagauucgaaauugg             | 6   | 0 | s18 |
| .....ugaagauucgaaauugg             | .....ugaagauucgaaauugg             | 1   | 1 | s18 |
| .....ugaagauucgaaauuggg            | .....ugaagauucgaaauuggg            | 2   | 0 | s18 |
| .....ugaagauucgaaauuggA            | .....agaucucgaaauugggca            | 2   | 0 | s18 |
| .....agaucucgaaauugggca            | .....ucucgaaauugggcaaguu           | 2   | 0 | s18 |
| .....caguugaugaaacuccucguccA       | .....caguugaugaaacuccucguccu       | 1   | 0 | s05 |
| .....caguugaugaaacuccucguccu       | .....caguugaugaaacuccucguccu       | 1   | 1 | s05 |
| .....caguugaugaaacuccucguccgac     | .....caguugaugaaacuccucguccgac     | 2   | 0 | s05 |
| .....caguugaugaaacuccucguccgacg    | .....caguugaugaaacuccucguccgacg    | 18  | 0 | s05 |
| .....Uaguugaugaaacuccucguccgacg    | .....caguugaugaaacuccucguccgacgU   | 6   | 1 | s05 |
| .....caguugaugaaacuccucguccgacga   | .....caguugaugaaacuccucguccgacgaU  | 1   | 1 | s05 |
| .....caguugaugaaacuccucguccgacgaU  | .....caguugaugaaacuccucguccgacgagu | 2   | 0 | s05 |
| .....caguugaugaaacuccucguccgacgaUu | .....aguugaugaaacuccucguccg        | 1   | 0 | s05 |
| .....aguugaugaaacuccucguccg        | .....aguugaugaaacuccucguccgac      | 1   | 0 | s05 |
| .....aguugaugaaacuccucguccgacga    | .....aguugaugaaacuccucguccgacga    | 4   | 0 | s05 |
| .....ugaacuccucguccgacg            | .....aaacuccucguccgacg             | 3   | 0 | s05 |
| .....aaacuccucguccgacg             | .....aaacuccucguccgacgagucccaaaa   | 1   | 0 | s05 |
| .....aaacuccucguccgacgagucccaaaa   | .....aacaugaagauucgaa              | 2   | 0 | s05 |
| .....aacaugaagauucgaa              | .....aacaGgaagauucgaaa             | 1   | 1 | s05 |
| .....aacaGgaagauucgaaa             | .....aacaugaagauucgaaa             | 18  | 0 | s05 |
| .....aacaugaagauucgaaaC            | .....aacaugaagauucgaaa             | 29  | 0 | s05 |
| .....aacaugaagauucgaaa             | .....aacaugaagauucgaaa             | 19  | 0 | s05 |

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|                                       |      |   |     |
|---------------------------------------|------|---|-----|
| .....aacaugGagaucuuucgaaaau.....      | 1    | 1 | s05 |
| .....aacaugaagaucuaAcgaaaauug.....    | 1    | 1 | s05 |
| .....aacaugaagaucuuucgaaaauug.....    | 5    | 0 | s05 |
| .....Cacaugaagaucuuucgaaaauugg.....   | 6    | 1 | s05 |
| .....aacaugaagaucuaGcgaaaauugg.....   | 3    | 1 | s05 |
| .....aacaugaagaucuuucgaaCuugg.....    | 1    | 1 | s05 |
| .....aacaugaagaucuuucgaaaauugA.....   | 187  | 1 | s05 |
| .....aacaugGagaucuuucgaaaauugg.....   | 7    | 1 | s05 |
| .....aacaugaagaucuuucgaaaauugg.....   | 1141 | 0 | s05 |
| .....aacaugaagaucuuucgGaaauugg.....   | 5    | 1 | s05 |
| .....aaUaugaagaucuuucgaaaauugg.....   | 2    | 1 | s05 |
| .....aacUugaagaucuuucgaaaauugg.....   | 2    | 1 | s05 |
| .....aacaugaUgaucuuucgaaaauugg.....   | 1    | 1 | s05 |
| .....aacaugaagaucuuucgaaaauugU.....   | 67   | 1 | s05 |
| .....aacaugaagaucuuucgUaaauugg.....   | 1    | 1 | s05 |
| .....aacaugaGgaucuuucgaaaauugg.....   | 5    | 1 | s05 |
| .....aacCugaagaucuuucgaaaauugg.....   | 1    | 1 | s05 |
| .....aCcaugaagaucuuucgaaaauugg.....   | 1    | 1 | s05 |
| .....aacaugaaAaucuuucgaaaauugg.....   | 1    | 1 | s05 |
| .....aacauUaagaucuuucgaaaauugg.....   | 1    | 1 | s05 |
| .....aacaAgaagaucuuucgaaaauugg.....   | 1    | 1 | s05 |
| .....aacaugaagaucuuucgaaaauugC.....   | 16   | 1 | s05 |
| .....aacaugaagCucuucgaaaauugg.....    | 1    | 1 | s05 |
| .....aacaugaagaCcuucgaaaauugg.....    | 3    | 1 | s05 |
| .....aacaugaagaucuCcgaaaauugg.....    | 5    | 1 | s05 |
| .....aacaugaagaucAucgaaaauugg.....    | 2    | 1 | s05 |
| .....aaGaugaagaucuuucgaaaauugg.....   | 1    | 1 | s05 |
| .....aacGugaagaucuuucgaaaauugg.....   | 2    | 1 | s05 |
| .....aacaugaagaucuuucgCaauugg.....    | 2    | 1 | s05 |
| .....aacaugaagaAcuucgaaaauugg.....    | 1    | 1 | s05 |
| .....Uacaugaagaucuuucgaaaauugg.....   | 1    | 1 | s05 |
| .....aacaugaagaucuuucgaaUuugg.....    | 1    | 1 | s05 |
| .....aacaugaagaucuuucgaaaauuCg.....   | 1    | 1 | s05 |
| .....aacaugaagaucuuucgaaaauuAg.....   | 2    | 1 | s05 |
| .....aGcaugaagaucuuucgaaaauugg.....   | 9    | 1 | s05 |
| .....aacaugaagaucuuucgaaaCuugg.....   | 8    | 1 | s05 |
| .....aaAaugaagaucuuucgaaaauugg.....   | 1    | 1 | s05 |
| .....aacaugaagaucuuucgaaaauAgg.....   | 1    | 1 | s05 |
| .....aacaugaagaucuuucgaaaGuugg.....   | 3    | 1 | s05 |
| .....aacaugaagaucuuucgGauugg.....     | 6    | 1 | s05 |
| .....aacaugaagaucuuucgaaGuugg.....    | 3    | 1 | s05 |
| .....aacaugaagaucuuucgaaaGuuggg.....  | 1    | 1 | s05 |
| .....aacaugaagaucuuucgaaGuuggg.....   | 6    | 1 | s05 |
| .....aacaugaagaucuuucgaaaCuuggg.....  | 1    | 1 | s05 |
| .....aUcaugaagaucuuucgaaaauuggg.....  | 1    | 1 | s05 |
| .....aacGugaagaucuuucgaaaauuggg.....  | 5    | 1 | s05 |
| .....aGcaugaagaucuuucgaaaauuggg.....  | 10   | 1 | s05 |
| .....aacaugaagaucuuucgCaauuggg.....   | 1    | 1 | s05 |
| .....aacaugaagaucuuucgaaaauugCg.....  | 2    | 1 | s05 |
| .....aacUugaagaucuuucgaaaauuggg.....  | 2    | 1 | s05 |
| .....aaAaugaagaucuuucgaaaauuggg.....  | 1    | 1 | s05 |
| .....aacaugaagaucuuucgaaaauugU.....   | 59   | 1 | s05 |
| .....aacaugaagaucuaGcgaaaauuggg.....  | 1    | 1 | s05 |
| .....aacaGgaagaucuuucgaaaauuggg.....  | 1    | 1 | s05 |
| .....aacaugaagaucuuucgaaaauugAg.....  | 1    | 1 | s05 |
| .....aacaugCagaucuuucgaaaauuggg.....  | 1    | 1 | s05 |
| .....aacaugaagaAcuucgaaaauuggg.....   | 4    | 1 | s05 |
| .....aacaugaagaucuuucgaaauGggg.....   | 1    | 1 | s05 |
| .....aacaugaGgaucuuucgaaaauuggg.....  | 3    | 1 | s05 |
| .....aacaugaUgaucuuucgaaaauuggg.....  | 1    | 1 | s05 |
| .....aacaugaagaCcuucgaaaauuggg.....   | 1    | 1 | s05 |
| .....Uacaugaagaucuuucgaaaauuggg.....  | 2    | 1 | s05 |
| .....aacaugaagaucuuucgaaaauuggA.....  | 223  | 1 | s05 |
| .....aacaugaagaucuuucgGaaauuggg.....  | 7    | 1 | s05 |
| .....aacaugGagaucuuucgaaaauuggg.....  | 5    | 1 | s05 |
| .....aacaugaagaucuuucgaaaauuggg.....  | 722  | 0 | s05 |
| .....aacaugaagaucuaAcgaaaauugggc..... | 1    | 1 | s05 |
| .....aacaugaagaucuuucgaaUuugggc.....  | 1    | 1 | s05 |
| .....aacUugaagaucuuucgaaaauugggc..... | 2    | 1 | s05 |
| .....aacaugaagaucuuucgaaaauugggU..... | 52   | 1 | s05 |

## Star

## Mature

|                              |                                  |              |                |           |                     |  |  |  |
|------------------------------|----------------------------------|--------------|----------------|-----------|---------------------|--|--|--|
| augguguuagguaugucugcgagcc    | caguugaugaaacuccucgucgacgaguccuc | caaaauggcugc | aacaugaagaucuu | cgaauuggg | cgaaguuuacacaucugua |  |  |  |
| .....aacaugaCgaucuu          | cgaauugggc                       | .....        | 1              | 1         | s05                 |  |  |  |
| .....aGcaugaagaucuu          | cgaauugggc                       | .....        | 1              | 1         | s05                 |  |  |  |
| .....aacaugaagaucuu          | cgaauugggc                       | .....        | 39             | 0         | s05                 |  |  |  |
| .....aacaugaagaucuu          | cgaauuggAc                       | .....        | 5              | 1         | s05                 |  |  |  |
| .....aacaugaagaucuu          | cgaauugggcC                      | .....        | 1              | 1         | s05                 |  |  |  |
| .....aacaugaagaucuu          | cgaauCgggca                      | .....        | 2              | 1         | s05                 |  |  |  |
| .....aacaugaagaucuu          | cgaauuggAca                      | .....        | 7              | 1         | s05                 |  |  |  |
| .....aacaugaagaucuu          | cgaauugggc                       | .....        | 27             | 0         | s05                 |  |  |  |
| .....aacaugaagaucuu          | cgaauuggG                        | .....        | 14             | 1         | s05                 |  |  |  |
| .....aacaugaagaucuu          | cgaauugggUa                      | .....        | 2              | 1         | s05                 |  |  |  |
| .....aacaugaGgaucuu          | cgaauugggc                       | .....        | 1              | 1         | s05                 |  |  |  |
| .....aacaugaagaCcuuc         | cgaauugggc                       | .....        | 2              | 1         | s05                 |  |  |  |
| .....aacaugaagaucuu          | cgaauugggcU                      | .....        | 9              | 1         | s05                 |  |  |  |
| .....aacaugaagaucuu          | cgaauugggc                       | .....        | 8              | 0         | s05                 |  |  |  |
| .....aacaugaagaucuu          | cgaauugggcUa                     | .....        | 2              | 1         | s05                 |  |  |  |
| .....aacaugaagaucuu          | cgaauugggcU                      | .....        | 4              | 1         | s05                 |  |  |  |
| .....aacaugaagaucuu          | cgaauugggUaa                     | .....        | 1              | 1         | s05                 |  |  |  |
| .....aacaugaagCcuuc          | cgaauugggc                       | .....        | 1              | 1         | s05                 |  |  |  |
| .....aacaugaagaucuu          | cgaauGggc                        | caag         | 1              | 1         | s05                 |  |  |  |
| .....aacaugaagaucuu          | cgaauugggc                       | caag         | 1              | 1         | s05                 |  |  |  |
| .....aacaugaagaucuu          | cgaauugggc                       | Gg           | 1              | 1         | s05                 |  |  |  |
| .....aacaugaagaucuu          | cgaauCggc                        | caag         | 2              | 1         | s05                 |  |  |  |
| .....aacaugaagaucuu          | cgaauugggc                       | caag         | 34             | 0         | s05                 |  |  |  |
| .....aacaugaagaucuu          | cgaauugggc                       | caagu        | 2              | 0         | s05                 |  |  |  |
| .....aacaugaagaucuu          | cgaauCggc                        | caagu        | 1              | 1         | s05                 |  |  |  |
| .....aaAaugaagaucuu          | cgaauugggc                       | caaguu       | 1              | 1         | s05                 |  |  |  |
| .....aacaugaagaucuu          | cgaauugggc                       | caaguu       | 5              | 0         | s05                 |  |  |  |
| .....acaugaagaucuu           | cgaauugg                         | .....        | 2              | 0         | s05                 |  |  |  |
| .....acaugaagaucuu           | cgaauuggA                        | .....        | 2              | 1         | s05                 |  |  |  |
| .....acaugaagaucuu           | cgaauugggc                       | .....        | 2              | 0         | s05                 |  |  |  |
| .....caugaagaucuu            | cgaauugggc                       | caagu        | 1              | 0         | s05                 |  |  |  |
| .....caugaagaucuu            | cgaauugggc                       | caaguuu      | 1              | 0         | s05                 |  |  |  |
| .....ugGagaucuu              | cgaauugg                         | .....        | 1              | 1         | s05                 |  |  |  |
| .....ugaagaucuu              | cgaauugg                         | .....        | 10             | 0         | s05                 |  |  |  |
| .....ugaGgaucuu              | cgaauugg                         | .....        | 1              | 1         | s05                 |  |  |  |
| .....ugGagaucuu              | cgaauugg                         | .....        | 3              | 1         | s05                 |  |  |  |
| .....ugaagaucuu              | cgaGuugg                         | .....        | 1              | 1         | s05                 |  |  |  |
| .....ugaagaucuu              | cgaauuggU                        | .....        | 2              | 1         | s05                 |  |  |  |
| .....ugaagaucuu              | cgaauuggA                        | .....        | 3              | 1         | s05                 |  |  |  |
| .....ugaagaucuu              | cgaauugg                         | .....        | 8              | 0         | s05                 |  |  |  |
| .....ugaagaucuu              | cgaauugggc                       | .....        | 1              | 0         | s05                 |  |  |  |
| .....aagaucuu                | cgaauugggcU                      | .....        | 1              | 1         | s05                 |  |  |  |
| .....agaucuu                 | cgaauugggc                       | caaguuuacaca | 1              | 0         | s05                 |  |  |  |
| .....uucg                    | caauugggc                        | caaguuua     | 2              | 0         | s05                 |  |  |  |
| augguguuagguGugucu           | .....                            | .....        | 1              | 1         | s02                 |  |  |  |
| augguguuagguGugucugc         | .....                            | .....        | 2              | 1         | s02                 |  |  |  |
| uguguuagguaugucugU           | .....                            | .....        | 1              | 1         | s02                 |  |  |  |
| uguguuagguGugucugc           | .....                            | .....        | 1              | 1         | s02                 |  |  |  |
| uguguuagguaugucugcg          | .....                            | .....        | 1              | 0         | s02                 |  |  |  |
| uguguuagguGugucugcg          | .....                            | .....        | 3              | 1         | s02                 |  |  |  |
| uguguuagguaugucugcga         | .....                            | .....        | 1              | 0         | s02                 |  |  |  |
| ugucugcgaggccagCugaugaaacucc | .....                            | .....        | 4              | 1         | s02                 |  |  |  |
| ucugcgaggccGguugau           | .....                            | .....        | 2              | 1         | s02                 |  |  |  |
| ucugcgaggccGguugauga         | .....                            | .....        | 2              | 1         | s02                 |  |  |  |
| ucugcgaggcccaguugauga        | .....                            | .....        | 1              | 0         | s02                 |  |  |  |
| ugcgaggcccaguugaugaaacA      | .....                            | .....        | 2              | 1         | s02                 |  |  |  |
| aggccGguugaugaaacu           | .....                            | .....        | 1              | 1         | s02                 |  |  |  |
| aggcccaguugaugaaacucA        | .....                            | .....        | 1              | 1         | s02                 |  |  |  |
| ggccagCugaugaaacuccucguc     | .....                            | .....        | 1              | 1         | s02                 |  |  |  |
| ccaguugaugaGacuccu           | .....                            | .....        | 1              | 1         | s02                 |  |  |  |
| ccaguugaugaaacuccu           | .....                            | .....        | 1              | 0         | s02                 |  |  |  |
| ccaguugaugaaacuccucgC        | .....                            | .....        | 1              | 1         | s02                 |  |  |  |
| cagCugaugaaacuccuc           | .....                            | .....        | 1              | 1         | s02                 |  |  |  |
| cagCugaugaaacuccucg          | .....                            | .....        | 1              | 1         | s02                 |  |  |  |
| caguugaugaaacuccucgu         | .....                            | .....        | 1              | 0         | s02                 |  |  |  |
| cagCugaugaaacuccucgu         | .....                            | .....        | 1              | 1         | s02                 |  |  |  |
| caguugaugaaacuccucguU        | .....                            | .....        | 1              | 1         | s02                 |  |  |  |
| caguugaugaaacAccucguc        | .....                            | .....        | 1              | 1         | s02                 |  |  |  |
| caguugaugaaacuccucguc        | .....                            | .....        | 2              | 0         | s02                 |  |  |  |

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## Mature

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|   |     |   |     |
|---|-----|---|-----|
| .....cagCugaugaaaacuccucguc.....          | 16  | 1 | s02 |
| .....cGguugaugaaacuccucguc.....           | 1   | 1 | s02 |
| .....caguugaugaaacuccucgucA.....          | 3   | 1 | s02 |
| .....caguugaugaaacuccucgucG.....          | 1   | 1 | s02 |
| .....caguugaugaaacuccucgucc.....          | 31  | 0 | s02 |
| .....cGguugaugaaacuccucgucc.....          | 1   | 1 | s02 |
| .....caguugaugaaacuccAcgucc.....          | 1   | 1 | s02 |
| .....caguugaugaaacuccucguccu.....         | 5   | 0 | s02 |
| .....cagCugaugaaaacuccucguccu.....        | 10  | 1 | s02 |
| .....caguugaugaaacuccucguccA.....         | 5   | 1 | s02 |
| .....caguugaugaaacuccucguccug.....        | 1   | 0 | s02 |
| .....cGguugaugaaacuccucguccuga.....       | 1   | 1 | s02 |
| .....caguugaugaaacuccucguccugU.....       | 1   | 1 | s02 |
| .....caguugaugaaacuccucguccugG.....       | 2   | 1 | s02 |
| .....caguugaugaaacuccucguccuga.....       | 3   | 0 | s02 |
| .....cagCugaugaaaacuccucguccuga.....      | 2   | 1 | s02 |
| .....caguugaugaaacuccucguccugaU.....      | 3   | 1 | s02 |
| .....caguugaugaaacuccAcguccugacg.....     | 10  | 1 | s02 |
| .....caguugaugaUacuccucguccugacg.....     | 1   | 1 | s02 |
| .....cagCugaugaaaacuccucguccugacg.....    | 15  | 1 | s02 |
| .....caguugaugaaacuccucgCccugacg.....     | 1   | 1 | s02 |
| .....caguugaugaaacuccucguccugGcg.....     | 1   | 1 | s02 |
| .....cGguugaugaaacuccucguccugacg.....     | 7   | 1 | s02 |
| .....caguugaugGaacuccucguccugacg.....     | 1   | 1 | s02 |
| .....caguugaugaaacuccucguccugacU.....     | 1   | 1 | s02 |
| .....caguugaugaaacuccucguccugacg.....     | 80  | 0 | s02 |
| .....caguugaugaaacuccucguccugacgG.....    | 1   | 1 | s02 |
| .....caguugaugaaacuccucguccugacgC.....    | 1   | 1 | s02 |
| .....caguugaugaaacuccucguccugacgU.....    | 8   | 1 | s02 |
| .....caguugaugaaacuccucguccugacga.....    | 3   | 0 | s02 |
| .....cagCugaugaaaacuccucguccugacga.....   | 3   | 1 | s02 |
| .....cagCugaugaaaacuccucguccugacgag.....  | 1   | 1 | s02 |
| .....caguugaugaaacuccAcguccugacgag.....   | 3   | 1 | s02 |
| .....caguugaugaaacuccucguccugacgag.....   | 2   | 0 | s02 |
| .....caguugaugaaacuccucguccugacgUg.....   | 1   | 1 | s02 |
| .....caguugaugaaacuccAucguccugacgagu..... | 1   | 1 | s02 |
| .....caguugaugaaacuccAcguccugacgagu.....  | 91  | 1 | s02 |
| .....caguugaugaaacuccucguccugacgagu.....  | 7   | 0 | s02 |
| .....caguugaugaaacuccucguccugacgaAu.....  | 1   | 1 | s02 |
| .....caguugaugaaacuccucguccugacgUgu.....  | 8   | 1 | s02 |
| .....cagCugaugaaaacuccucguccugacgagu..... | 104 | 1 | s02 |
| .....cGguugaugaaacuccucguccugacgagu.....  | 1   | 1 | s02 |
| .....caguugaCgaaacuccucguccugacgagu.....  | 6   | 1 | s02 |
| .....aguugaugaaacuccucguccuga.....        | 3   | 0 | s02 |
| .....aguugaugaaacuccucguccugaU.....       | 1   | 1 | s02 |
| .....aguugaugaaacuccucguccugacg.....      | 3   | 0 | s02 |
| .....agCugaugaaaacuccucguccugacg.....     | 1   | 1 | s02 |
| .....aguugaugaaacuccucguccugacga.....     | 1   | 0 | s02 |
| .....aguugaCgaaacuccucguccugacgag.....    | 1   | 1 | s02 |
| .....agCugaugaaaacuccucguccugacgagu.....  | 3   | 1 | s02 |
| .....aguugaugaaacuccAcguccugacgagu.....   | 10  | 1 | s02 |
| .....guugaugaaacuccucguccugacgagu.....    | 3   | 0 | s02 |
| .....uugaugaaacuccucgucc.....             | 1   | 0 | s02 |
| .....uugaugaaacuccucguccA.....            | 1   | 1 | s02 |
| .....uugaugaGacuccucguccu.....            | 1   | 1 | s02 |
| .....ugaugaaacuccucguccugacgUgu.....      | 1   | 1 | s02 |
| .....ugaugaaacuccucguccugacgaguccu.....   | 2   | 0 | s02 |
| .....gaugaaacuccucguccugacgaguccuc.....   | 1   | 0 | s02 |
| .....ugaaacuccucguccuga.....              | 1   | 0 | s02 |
| .....ugaaacuccucguccugac.....             | 1   | 0 | s02 |
| .....Cgaaacuccucguccugacg.....            | 2   | 1 | s02 |
| .....ugaGacuccucguccugacg.....            | 4   | 1 | s02 |
| .....ugaaacuccucguccugGcg.....            | 15  | 1 | s02 |
| .....ugaaacuccucguccugacg.....            | 8   | 0 | s02 |
| .....ugaaacuccucguccugaUg.....            | 1   | 1 | s02 |
| .....ugaaacuccucguccugacgC.....           | 1   | 1 | s02 |
| .....ugaaacuccucguccugacgaguccucaa.....   | 2   | 0 | s02 |
| .....aaacuccucguccugacgG.....             | 2   | 1 | s02 |
| .....aaacuccucguccugacgaU.....            | 1   | 1 | s02 |
| .....aaacuccucguccugacgaguccucaaaa.....   | 1   | 0 | s02 |

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## Mature

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|                                       |      |   |     |
|---------------------------------------|------|---|-----|
| .....uccucgucgacgagucUcu.....         | 1    | 1 | s02 |
| .....uccucgucgacgaguccuuaaaau.....    | 3    | 0 | s02 |
| .....ugacgagucccuuaaauggc.....        | 1    | 0 | s02 |
| .....acgagucccuuaaauggcu.....         | 3    | 0 | s02 |
| .....cgaUucccuuaaauggcug.....         | 1    | 1 | s02 |
| .....gucccuuaaauggcugc.....           | 1    | 0 | s02 |
| .....gucccuuaaauggcugca.....          | 1    | 0 | s02 |
| .....auggcugcaUcaugaagauucgaaauu..... | 3    | 1 | s02 |
| .....uggcugcaUcaugaagauucgaaau.....   | 1    | 1 | s02 |
| .....gAaacaugaagauucgaaauugg.....     | 1    | 1 | s02 |
| .....caacaugaagauucgaaauuggg.....     | 1    | 0 | s02 |
| .....aacaugGagauucgaa.....            | 1    | 1 | s02 |
| .....aacaugGagauucgaa.....            | 1    | 1 | s02 |
| .....aaAaugaagauucgaa.....            | 1    | 1 | s02 |
| .....aacaugaagauucgaa.....            | 40   | 0 | s02 |
| .....aacaugaagauucGcgaa.....          | 1    | 1 | s02 |
| .....aacaugaagauucgaaa.....           | 144  | 0 | s02 |
| .....aacaugaGgauucgaaa.....           | 1    | 1 | s02 |
| .....aacaugaagauucGgaa.....           | 4    | 1 | s02 |
| .....aacaugaagauucgGaa.....           | 5    | 1 | s02 |
| .....aacUugaagauucgaaa.....           | 1    | 1 | s02 |
| .....aacaugaagauucGcgaaa.....         | 1    | 1 | s02 |
| .....aacaugaagauucCcgaaa.....         | 3    | 1 | s02 |
| .....aacaugaagaCcuucgaaa.....         | 1    | 1 | s02 |
| .....aacaugCagauucgaaau.....          | 1    | 1 | s02 |
| .....aacaugaagauucgaaau.....          | 150  | 0 | s02 |
| .....aacaugaagauucgaaaC.....          | 12   | 1 | s02 |
| .....aacaugaagauucgaaGu.....          | 10   | 1 | s02 |
| .....aacaugaGgauucgaaau.....          | 8    | 1 | s02 |
| .....aacaugaagaCcuucgaaau.....        | 4    | 1 | s02 |
| .....aaAaugaagauucgaaau.....          | 1    | 1 | s02 |
| .....aacaugGagauucgaaau.....          | 3    | 1 | s02 |
| .....aacaugaagauucAcgaaau.....        | 1    | 1 | s02 |
| .....aacUugaagauucgaaau.....          | 2    | 1 | s02 |
| .....aacaugaagauucgGaa.....           | 2    | 1 | s02 |
| .....aacaugaagauucgGaa.....           | 1    | 1 | s02 |
| .....aacaugaagauucgaaauu.....         | 98   | 0 | s02 |
| .....aacUugaagauucgaaauu.....         | 3    | 1 | s02 |
| .....aacaugaagauucgGaaau.....         | 1    | 1 | s02 |
| .....aGcaugaagauucgaaauu.....         | 1    | 1 | s02 |
| .....aacaugaagaCcuucgaaauu.....       | 2    | 1 | s02 |
| .....aacaugaagauucgaaUuug.....        | 3    | 1 | s02 |
| .....aacaugGagauucgaaauug.....        | 1    | 1 | s02 |
| .....aacaugaagauucgaaauug.....        | 47   | 0 | s02 |
| .....aacaugaagauucgaaauuA.....        | 2    | 1 | s02 |
| .....aacaugaagauucgCaaugg.....        | 1    | 1 | s02 |
| .....aacaugaagauucGcgaaauugg.....     | 3    | 1 | s02 |
| .....aacaugaagauucgaaauuCG.....       | 1    | 1 | s02 |
| .....aacaugaCgauucgaaauugg.....       | 2    | 1 | s02 |
| .....aacaugaagauucgaaauugC.....       | 46   | 1 | s02 |
| .....aacaugaagauucCcgaaauugg.....     | 10   | 1 | s02 |
| .....aaAaugaagauucgaaauugg.....       | 1    | 1 | s02 |
| .....aacaugaagauucgaaauugg.....       | 2809 | 0 | s02 |
| .....aacGugaagauucgaaauugg.....       | 7    | 1 | s02 |
| .....aacCugaagauucgaaauugg.....       | 2    | 1 | s02 |
| .....aacUugaagauucgaaauugg.....       | 23   | 1 | s02 |
| .....aacaugaagauucgaaauAagg.....      | 1    | 1 | s02 |
| .....aacaugaagCucuucgaaauugg.....     | 4    | 1 | s02 |
| .....aGcaugaagauucgaaauugg.....       | 10   | 1 | s02 |
| .....aacauUaagauucgaaauugg.....       | 1    | 1 | s02 |
| .....aacaugaagaGcuucgaaauugg.....     | 1    | 1 | s02 |
| .....aacaugaagauucgaaauugU.....       | 226  | 1 | s02 |
| .....aacaugaagauucgaaUuugg.....       | 25   | 1 | s02 |
| .....aacaugaGgauucgaaauugg.....       | 12   | 1 | s02 |
| .....aacaugaagauucgUaaugg.....        | 1    | 1 | s02 |
| .....aacaugaagauucCaaauugg.....       | 1    | 1 | s02 |
| .....aacaugaagauucgaaCuugg.....       | 1    | 1 | s02 |
| .....aUcaugaagauucgaaauugg.....       | 4    | 1 | s02 |
| .....aacaugaagauucgaaCuugg.....       | 4    | 1 | s02 |
| .....aacaugaagauucgaaaCugg.....       | 5    | 1 | s02 |

## Star

## Mature

augguguuagguaugucugcgagggcaguuugaugaaacuccucguccugacgagucccucaaaaugggcugcacaugaagaucuuucgaaaugggcaaguuuacacaucugua

|                                     |      |   |     |
|-------------------------------------|------|---|-----|
| .....aaUaugaagaucuuucgaaaugg.....   | 2    | 1 | s02 |
| .....Cacaugaagaucuuucgaaaugg.....   | 9    | 1 | s02 |
| .....aacaugaagaucuuucgaaauggA.....  | 399  | 1 | s02 |
| .....Uacaugaagaucuuucgaaaugg.....   | 3    | 1 | s02 |
| .....aacaugaagaucuuucgGaaaugg.....  | 15   | 1 | s02 |
| .....aacaugaagaucAucgaaaugg.....    | 1    | 1 | s02 |
| .....aaGaugaagaucuuucgaaaugg.....   | 1    | 1 | s02 |
| .....aCcaugaagaucuuucgaaaugg.....   | 1    | 1 | s02 |
| .....aacaugaagaucuuucgGauugg.....   | 13   | 1 | s02 |
| .....aacaugaagaAcuucgaaaugg.....    | 1    | 1 | s02 |
| .....aacaugGagaucuuucgaaaugg.....   | 10   | 1 | s02 |
| .....aacaugaagaCcuucgaaaugg.....    | 7    | 1 | s02 |
| .....aacaugaagaAucgaaaugg.....      | 3    | 1 | s02 |
| .....aacaugaagaucuuucgaaauuAg.....  | 4    | 1 | s02 |
| .....Cacaugaagaucuuucgaaauggg.....  | 14   | 1 | s02 |
| .....aacaugaagaCcuucgaaauggg.....   | 7    | 1 | s02 |
| .....aacaugaUgaucuuucgaaauggg.....  | 7    | 1 | s02 |
| .....aacaugaagaucuuucgaaaUGggg..... | 13   | 1 | s02 |
| .....aacaugaagaAcuucgaaauggg.....   | 3    | 1 | s02 |
| .....aaUaugaagaucuuucgaaauggg.....  | 4    | 1 | s02 |
| .....aacaugaagaucuuucgGaaauggg..... | 20   | 1 | s02 |
| .....aacaugaagaucuuucgaaaUAgg.....  | 12   | 1 | s02 |
| .....aacaugaagaucuuucgaaauggg.....  | 5967 | 0 | s02 |
| .....aacaugaagaucuuucgGauuggg.....  | 23   | 1 | s02 |
| .....aacUugaagaucuuucgaaauggg.....  | 58   | 1 | s02 |
| .....aGcaugaagaucuuucgaaauggg.....  | 28   | 1 | s02 |
| .....aacaGgaagaucuuucgaaauggg.....  | 5    | 1 | s02 |
| .....aacaugaagaucAucgaaauggg.....   | 3    | 1 | s02 |
| .....Uacaugaagaucuuucgaaauggg.....  | 18   | 1 | s02 |
| .....aacaugaagaucuuucgaaauggA.....  | 1685 | 1 | s02 |
| .....aaAaugaagaucuuucgaaauggg.....  | 2    | 1 | s02 |
| .....aacaugaagaucuuucgUaaauggg..... | 1    | 1 | s02 |
| .....aacaugaagaucuuucgaaauggU.....  | 582  | 1 | s02 |
| .....aCcaugaagaucuuucgaaauggg.....  | 2    | 1 | s02 |
| .....aacGugaagaucuuucgaaauggg.....  | 15   | 1 | s02 |
| .....aacaugaagaucuuucgaaaUggg.....  | 19   | 1 | s02 |
| .....aacaugaagaucuuCaaauggg.....    | 1    | 1 | s02 |
| .....aacaugaagCcuucgaaauggg.....    | 2    | 1 | s02 |
| .....aacaugaagaucuuucgaaCuuggg..... | 4    | 1 | s02 |
| .....aacaugaagaucCcgaaauggg.....    | 14   | 1 | s02 |
| .....aacaugaagaucuuucgaaUuuggg..... | 87   | 1 | s02 |
| .....aacaugaagaucuuucgaaaugCg.....  | 2    | 1 | s02 |
| .....aacaugaagaucAucgaaauggg.....   | 11   | 1 | s02 |
| .....aacaugaCgaucuuucgaaauggg.....  | 4    | 1 | s02 |
| .....aacaugaaAaucuuucgaaauggg.....  | 2    | 1 | s02 |
| .....aacaugaagaucuuucgaaaUggg.....  | 4    | 1 | s02 |
| .....aacaugaagaucuuucgAUauuggg..... | 4    | 1 | s02 |
| .....aacaugaagaucuuucgaaaUggg.....  | 2    | 1 | s02 |
| .....aacaugaagaucuuucgaaaUggg.....  | 5    | 1 | s02 |
| .....aacaugaagaucuuucgaaaugAg.....  | 3    | 1 | s02 |
| .....aacaugaagUucuuucgaaauggg.....  | 3    | 1 | s02 |
| .....aUcaugaagaucuuucgaaauggg.....  | 3    | 1 | s02 |
| .....aacaugGagaucuuucgaaauggg.....  | 36   | 1 | s02 |
| .....aacaugaagaucuuucgaaaugUg.....  | 5    | 1 | s02 |
| .....aacaugaaCaucuuucgaaauggg.....  | 1    | 1 | s02 |
| .....aacaugaagaucuuucgaaGuuggg..... | 9    | 1 | s02 |
| .....aacaugaagaGcuucgaaauggg.....   | 1    | 1 | s02 |
| .....aacaugaagaucuuGgaaauggg.....   | 3    | 1 | s02 |
| .....aacaugaagaucuuucgaaaUcg.....   | 6    | 1 | s02 |
| .....aaGaugaagaucuuucgaaauggg.....  | 2    | 1 | s02 |
| .....aacaugaGgaucuuucgaaauggg.....  | 22   | 1 | s02 |
| .....aacaugaagaucGcgaaauggg.....    | 6    | 1 | s02 |
| .....aacaugaagaucuuucgaaUuggg.....  | 4    | 1 | s02 |
| .....aacGugaagaucuuucgaaaugggc..... | 1    | 1 | s02 |
| .....aacauUaagaucuuucgaaaugggc..... | 1    | 1 | s02 |
| .....aacaugaagaucuuucgaaUcgggc..... | 4    | 1 | s02 |
| .....aacaugaagaucuuucgaaauggAc..... | 1    | 1 | s02 |
| .....aacaugaagaucuuucgaaaugggU..... | 368  | 1 | s02 |
| .....aacaugaagaucuuucgaaaugggc..... | 263  | 0 | s02 |
| .....aacUugaagaucuuucgaaaugggc..... | 2    | 1 | s02 |



## Star

## Mature

|                           |  |                            |                     |  |  |     |
|---------------------------|--|----------------------------|---------------------|--|--|-----|
| augguguuagguaugucugcgaggc | caguugaugaaacuccucgucgacgagucccucaaaauggcugc | caacaugagaucuuucgaaaugggca | gcaaguuuacacaucugua |  |  |     |
| .....                     | .aacauagaagUucuuucgaaaugggc.....             | 1                          | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaaugggUc.....            | 2                          | 1                   |  |  | s02 |
| .....                     | .Gacauagaagaucuuucgaaaugggc.....             | 1                          | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgGauugggc.....             | 1                          | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaauggUgc.....            | 1                          | 1                   |  |  | s02 |
| .....                     | .aGcaugaagaucuuucgaaaugggc.....              | 1                          | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaUuugggc.....            | 1                          | 1                   |  |  | s02 |
| .....                     | .aacauagaGgaucuuucgaaaugggc.....             | 1                          | 1                   |  |  | s02 |
| .....                     | .aacauagaagaCcuucgaaaugggc.....              | 2                          | 1                   |  |  | s02 |
| .....                     | .Uacauagaagaucuuucgaaaugggc.....             | 1                          | 1                   |  |  | s02 |
| .....                     | .aacaugGagauucuuucgaaaugggca.....            | 2                          | 1                   |  |  | s02 |
| .....                     | .aacUugaagaucuuucgaaaugggca.....             | 2                          | 1                   |  |  | s02 |
| .....                     | .aacaGgaagaucuuucgaaaugggca.....             | 1                          | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaaugggcG.....            | 36                         | 1                   |  |  | s02 |
| .....                     | .aacGugaagaucuuucgaaaugggca.....             | 1                          | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaaugggUa.....            | 9                          | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaaugggca.....            | 147                        | 0                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaaugggAca.....           | 35                         | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaUuugggc.....            | 7                          | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaaugggcU.....            | 7                          | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaaugggcC.....            | 2                          | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaauCgggca.....           | 42                         | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaaugggGa.....            | 960                        | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaaugggcGa.....           | 312                        | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaaugggcaU.....           | 1                          | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaUuugggcaa.....          | 1                          | 1                   |  |  | s02 |
| .....                     | .aacaugGagauucuuucgaaaugggcaa.....           | 1                          | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaaugggcaG.....           | 11                         | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaauCgggcaa.....          | 1                          | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaaugggGaa.....           | 5                          | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaaugggcaa.....           | 10                         | 0                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaaugggcGag.....          | 33                         | 1                   |  |  | s02 |
| .....                     | .aacauagaCgaucuuucgaaaugggcaag.....          | 1                          | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaaugggcaaA.....          | 5                          | 1                   |  |  | s02 |
| .....                     | .aCcaugaagaucuuucgaaaugggcaag.....           | 1                          | 1                   |  |  | s02 |
| .....                     | .aGcaugaagaucuuucgaaaugggcaag.....           | 2                          | 1                   |  |  | s02 |
| .....                     | .aaUaugaagaucuuucgaaaugggcaag.....           | 2                          | 1                   |  |  | s02 |
| .....                     | .aacGugaagaucuuucgaaaugggcaag.....           | 1                          | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaaugggcaag.....          | 1                          | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaaugggUaag.....          | 1                          | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaauggAgcaag.....         | 1                          | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaaugggcaag.....          | 182                        | 0                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaaugggcaGg.....          | 3                          | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaaugggcaaU.....          | 4                          | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaUuugggcaag.....         | 9                          | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaaugggAcaag.....         | 1                          | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaauCgggcaag.....         | 37                         | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaauggUgcaag.....         | 2                          | 1                   |  |  | s02 |
| .....                     | .aacaugGagauucuuucgaaaugggcaag.....          | 1                          | 1                   |  |  | s02 |
| .....                     | .aacauagaagaCcuucgaaaugggcaag.....           | 1                          | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaaGugggcaagu.....        | 1                          | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaUuugggcaagu.....        | 1                          | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaaugggcaagu.....         | 31                         | 0                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaaugggcaagG.....         | 1                          | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaaugggcaagC.....         | 4                          | 1                   |  |  | s02 |
| .....                     | .aacaugGagauucuuucgaaaugggcaagu.....         | 1                          | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgGaaugggcaagu.....         | 1                          | 1                   |  |  | s02 |
| .....                     | .aacauagaagacuAacgaaaugggcaagu.....          | 1                          | 1                   |  |  | s02 |
| .....                     | .aacaugaGgaucuuucgaaaugggcaagu.....          | 3                          | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaauCgggcaagu.....        | 18                         | 1                   |  |  | s02 |
| .....                     | .aacaugUgagauucuuucgaaaugggcaagu.....        | 1                          | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaaugggcaaguu.....        | 97                         | 0                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaaugggcaaguC.....        | 5                          | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaUuugggcaaguu.....       | 3                          | 1                   |  |  | s02 |
| .....                     | .aacaugaGgaucuuucgaaaugggcaaguu.....         | 2                          | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaaCugggcaaguu.....       | 2                          | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaaugggcaagGu.....        | 1                          | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaauggAgcaaguu.....       | 1                          | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaauggUgcaaguu.....       | 1                          | 1                   |  |  | s02 |
| .....                     | .aacauagaagaucuuucgaaaUGgggcaaguu.....       | 1                          | 1                   |  |  | s02 |

## Star

## Mature

augguguuagguaugucugcgaggccaguugaugaaacuccucguccugacgagucccucaaaaugggcgcacaugaagaucuucgaaaugggcaaguuuacacaucugua

|   |     |   |     |
|---|-----|---|-----|
| .....acauagaagau <u>cuucg</u> aaa.....                  | 1   | 0 | s02 |
| .....acauagaagau <u>cuucg</u> aaa <u>u</u> gU.....      | 3   | 1 | s02 |
| .....acauagaagau <u>cuucg</u> aaa <u>u</u> gg.....      | 8   | 0 | s02 |
| .....acauagaagau <u>cuucg</u> aaa <u>u</u> ggg.....     | 11  | 0 | s02 |
| .....acauagaagau <u>cuucg</u> aaa <u>u</u> ggA.....     | 3   | 1 | s02 |
| .....acauagaagau <u>cuucg</u> aaaG <u>u</u> ggg.....    | 1   | 1 | s02 |
| .....acauagaagau <u>cuucg</u> aaa <u>u</u> ggU.....     | 1   | 1 | s02 |
| .....acauagaagau <u>cuucg</u> aaa <u>u</u> gggU.....    | 2   | 1 | s02 |
| .....caugaagau <u>cuucg</u> aaa <u>u</u> gg.....        | 2   | 0 | s02 |
| .....caugaagau <u>cuucg</u> aaa <u>u</u> ggg.....       | 1   | 0 | s02 |
| .....caugaagau <u>cuucg</u> aaa <u>u</u> ggA.....       | 2   | 1 | s02 |
| .....augGagau <u>cuucg</u> aaa <u>u</u> gg.....         | 4   | 1 | s02 |
| .....augaagau <u>cuucg</u> aa <u>u</u> gg.....          | 3   | 1 | s02 |
| .....augaagau <u>cuucg</u> aaa <u>u</u> gg.....         | 4   | 0 | s02 |
| .....augaagau <u>cuucg</u> aa <u>u</u> ggg.....         | 3   | 1 | s02 |
| .....augaGgau <u>cuucg</u> aaa <u>u</u> ggg.....        | 1   | 1 | s02 |
| .....augaagau <u>cuucg</u> aaa <u>u</u> ggg.....        | 2   | 0 | s02 |
| .....augaagau <u>cuucg</u> aaa <u>u</u> gggcaaguu.....  | 3   | 0 | s02 |
| .....augaagau <u>cuucg</u> aaa <u>u</u> gggcaaguuu..... | 1   | 0 | s02 |
| .....ugGagau <u>cuucg</u> aaa <u>u</u> g.....           | 1   | 1 | s02 |
| .....ugaagau <u>cuucg</u> aaa <u>u</u> g.....           | 3   | 0 | s02 |
| .....ugaagau <u>cuucg</u> aaa <u>u</u> gU.....          | 1   | 1 | s02 |
| .....ugaagau <u>cuucg</u> Gaa <u>u</u> gg.....          | 2   | 1 | s02 |
| .....ugGagau <u>cuucg</u> aaa <u>u</u> gg.....          | 13  | 1 | s02 |
| .....ugaGgau <u>cuucg</u> aaa <u>u</u> gg.....          | 7   | 1 | s02 |
| .....ugaagau <u>cuucg</u> aaa <u>u</u> gg.....          | 20  | 0 | s02 |
| .....ugaagau <u>cuucg</u> Gaa <u>u</u> gg.....          | 1   | 1 | s02 |
| .....ugaagau <u>cuucg</u> aaa <u>u</u> gA.....          | 6   | 1 | s02 |
| .....ugaagau <u>cuucg</u> aaa <u>u</u> ggg.....         | 1   | 1 | s02 |
| .....ugaagau <u>cuucg</u> aaaC <u>u</u> ggg.....        | 1   | 1 | s02 |
| .....ugaagaC <u>cuucg</u> aaa <u>u</u> ggg.....         | 1   | 1 | s02 |
| .....ugaagau <u>cuucg</u> aaa <u>u</u> ggg.....         | 1   | 1 | s02 |
| .....ugaagauA <u>uucg</u> aaa <u>u</u> ggg.....         | 1   | 1 | s02 |
| .....ugaagau <u>cuucg</u> Gaa <u>u</u> ggg.....         | 7   | 1 | s02 |
| .....ugaagau <u>cuucg</u> aaa <u>u</u> uCgg.....        | 3   | 1 | s02 |
| .....ugaagau <u>cuucg</u> Gaa <u>u</u> ggg.....         | 20  | 1 | s02 |
| .....ugaagaG <u>cuucg</u> aaa <u>u</u> ggg.....         | 2   | 1 | s02 |
| .....ugGagau <u>cuucg</u> aaa <u>u</u> ggg.....         | 82  | 1 | s02 |
| .....ugaagau <u>cuucg</u> aa <u>u</u> ggg.....          | 28  | 1 | s02 |
| .....ugCagau <u>cuucg</u> aaa <u>u</u> ggg.....         | 1   | 1 | s02 |
| .....ugaagau <u>cuucg</u> aaa <u>u</u> ggA.....         | 25  | 1 | s02 |
| .....ugaagau <u>cuucg</u> aaa <u>u</u> ggg.....         | 148 | 0 | s02 |
| .....ugaagau <u>cuucg</u> aaa <u>u</u> ggU.....         | 14  | 1 | s02 |
| .....ugaagaA <u>cuucg</u> aaa <u>u</u> ggg.....         | 1   | 1 | s02 |
| .....ugaGgau <u>cuucg</u> aaa <u>u</u> ggg.....         | 80  | 1 | s02 |
| .....ugGagau <u>cuucg</u> aaa <u>u</u> gggc.....        | 1   | 1 | s02 |
| .....ugaagau <u>cuucg</u> aaa <u>u</u> gggc.....        | 5   | 0 | s02 |
| .....ugaagau <u>cuucg</u> aaa <u>u</u> gggU.....        | 10  | 1 | s02 |
| .....ugaagau <u>cuucg</u> aa <u>u</u> ggggca.....       | 2   | 1 | s02 |
| .....ugaagau <u>cuucg</u> aaa <u>u</u> ggggca.....      | 1   | 0 | s02 |
| .....ugGagau <u>cuucg</u> aaa <u>u</u> ggggca.....      | 4   | 1 | s02 |
| .....ugaagau <u>cuucg</u> aaa <u>u</u> ggggcaag.....    | 3   | 0 | s02 |
| .....ugaagau <u>cuucg</u> aa <u>u</u> ggggcaaguuu.....  | 1   | 1 | s02 |
| .....aagau <u>cuucg</u> aaa <u>u</u> gggc.....          | 1   | 0 | s02 |
| .....aagau <u>cuucg</u> aaa <u>u</u> gggU.....          | 4   | 1 | s02 |
| .....aagau <u>cuucg</u> aaa <u>u</u> ggggcU.....        | 3   | 1 | s02 |
| .....aGgau <u>cuucg</u> aaa <u>u</u> ggggca.....        | 1   | 1 | s02 |
| .....aagau <u>cuucg</u> aaa <u>u</u> ggggcaU.....       | 3   | 1 | s02 |
| .....aagau <u>cuucg</u> aaa <u>u</u> ggggcaaguuu.....   | 1   | 0 | s02 |
| .....Ggau <u>cuucg</u> aaa <u>u</u> ggggca.....         | 2   | 1 | s02 |
| .....agau <u>cuucg</u> aa <u>u</u> ggggcaaguu.....      | 2   | 1 | s02 |
| .....agau <u>cuucg</u> aaa <u>u</u> ggggcaaguuuU.....   | 2   | 1 | s02 |
| .....gauc <u>uucg</u> aaa <u>u</u> Cgggcaag.....        | 1   | 1 | s02 |
| .....aucu <u>ucg</u> aaa <u>u</u> ggggcaagu.....        | 3   | 0 | s02 |
| .....aucu <u>ucg</u> aaa <u>u</u> ggggcaaguuu.....      | 1   | 0 | s02 |
| .....aucu <u>ucg</u> aaa <u>u</u> ggggcaaguuuU.....     | 1   | 1 | s02 |
| .....ucu <u>ucg</u> aaa <u>u</u> ggggcaGgu.....         | 2   | 1 | s02 |
| .....ucu <u>ucg</u> aaa <u>u</u> ggggcaGguu.....        | 3   | 1 | s02 |
| .....ucu <u>ucg</u> aaa <u>u</u> ggggcaaguuu.....       | 1   | 0 | s02 |
| .....cu <u>ucg</u> aaa <u>u</u> ggggcaaguuu.....        | 2   | 0 | s02 |

## Star

## Mature

|                           |                                    |              |                    |          |                    |     |   |     |
|---------------------------|------------------------------------|--------------|--------------------|----------|--------------------|-----|---|-----|
| augguguuagguaugucugcgaggc | caguugaugaaacuccucguccugacgaguccuc | aaaaugggcugc | aacaugagaucucg     | aaauuggg | caaguuuacacaucugua |     |   |     |
| .....                     | .....                              | .....        | .....              | .....    | .....              | 2   | 1 | s02 |
| .....                     | .....                              | .....        | .....              | .....    | .....              | 1   | 1 | s02 |
| .....                     | .....                              | .....        | .....              | .....    | .....              | 3   | 0 | s02 |
| .....                     | .....                              | .....        | .....              | .....    | .....              | 1   | 1 | s02 |
| .....                     | .....                              | .....        | .....              | .....    | .....              | 8   | 0 | s02 |
| .....                     | .....                              | .....        | .....              | .....    | .....              | 2   | 1 | s02 |
| .....                     | .....                              | .....        | .....              | .....    | .....              | 2   | 0 | s02 |
| .....                     | .....                              | .....        | .....              | .....    | .....              | 2   | 0 | s02 |
| .....                     | .....                              | .....        | .....              | .....    | .....              |     |   |     |
| .....                     | caguugaugaaacuccucgucA             | .....        | .....              | .....    | .....              | 1   | 1 | s11 |
| .....                     | caguugaugaaacuccucguccugacg        | .....        | .....              | .....    | .....              | 1   | 0 | s11 |
| .....                     | caguugaugaaacuccucguccugacgU       | .....        | .....              | .....    | .....              | 2   | 1 | s11 |
| .....                     | .....                              | .....        | aacaugagaucucgaaa  | .....    | .....              | 4   | 0 | s11 |
| .....                     | .....                              | .....        | aacaugaGgaucucgaaa | .....    | .....              | 1   | 1 | s11 |
| .....                     | .....                              | .....        | aacaugagaucucgaaaC | .....    | .....              | 3   | 1 | s11 |
| .....                     | .....                              | .....        | aacaugagaucucgaaa  | .....    | .....              | 7   | 0 | s11 |
| .....                     | .....                              | .....        | aacaugagaucucgaaa  | .....    | .....              | 2   | 0 | s11 |
| .....                     | .....                              | .....        | aacaugagaucucgaaa  | .....    | .....              | 3   | 0 | s11 |
| .....                     | .....                              | .....        | aacaugagaucucgaaa  | uG       | .....              | 20  | 1 | s11 |
| .....                     | .....                              | .....        | aacaugaCgaucucgaaa | u        | .....              | 1   | 1 | s11 |
| .....                     | .....                              | .....        | aacaugagaucucgaaa  | u        | .....              | 3   | 1 | s11 |
| .....                     | .....                              | .....        | aacaugagaucucgaaa  | u        | Ag                 | 1   | 1 | s11 |
| .....                     | .....                              | .....        | aacGugaagaucucgaaa | u        | .....              | 1   | 1 | s11 |
| .....                     | .....                              | .....        | aacaugagaucucgaaa  | u        | .....              | 182 | 0 | s11 |
| .....                     | .....                              | .....        | aacaugagaucucgaaa  | u        | U                  | 11  | 1 | s11 |
| .....                     | .....                              | .....        | aacaugGagaucucgaaa | u        | .....              | 1   | 1 | s11 |
| .....                     | .....                              | .....        | aacaugagaucucgaaa  | u        | .....              | 2   | 1 | s11 |
| .....                     | .....                              | .....        | aaUugaagaucucgaaa  | u        | .....              | 2   | 1 | s11 |
| .....                     | .....                              | .....        | aGaugaagaucucgaaa  | u        | .....              | 7   | 1 | s11 |
| .....                     | .....                              | .....        | aacCugaagaucucgaaa | u        | .....              | 1   | 1 | s11 |
| .....                     | .....                              | .....        | aacaugagaucucgaaa  | u        | Gu                 | 2   | 1 | s11 |
| .....                     | .....                              | .....        | aUaugaagaucucgaaa  | u        | .....              | 1   | 1 | s11 |
| .....                     | .....                              | .....        | aacUugaagaucucgaaa | u        | .....              | 1   | 1 | s11 |
| .....                     | .....                              | .....        | aacaugagaucucgaaa  | u        | Cg                 | 2   | 1 | s11 |
| .....                     | .....                              | .....        | aacaugagaucucgaaa  | u        | .....              | 1   | 1 | s11 |
| .....                     | .....                              | .....        | aacaugagaucucgaaa  | u        | .....              | 3   | 1 | s11 |
| .....                     | .....                              | .....        | aaUugaagaucucgaaa  | u        | .....              | 2   | 1 | s11 |
| .....                     | .....                              | .....        | aacUugaagaucucgaaa | u        | .....              | 1   | 1 | s11 |
| .....                     | .....                              | .....        | aGaugaagaucucgaaa  | u        | .....              | 24  | 1 | s11 |
| .....                     | .....                              | .....        | aacaGgaagaucucgaaa | u        | .....              | 2   | 1 | s11 |
| .....                     | .....                              | .....        | Caugaagaucucgaaa   | u        | .....              | 2   | 1 | s11 |
| .....                     | .....                              | .....        | aacaugGagaucucgaaa | u        | .....              | 6   | 1 | s11 |
| .....                     | .....                              | .....        | aacaugagaucucgaaa  | u        | .....              | 2   | 1 | s11 |
| .....                     | .....                              | .....        | aacaugagaCcuucgaaa | u        | .....              | 1   | 1 | s11 |
| .....                     | .....                              | .....        | aacauCaagaucucgaaa | u        | .....              | 2   | 1 | s11 |
| .....                     | .....                              | .....        | aacaugagaucucgaaa  | u        | Ggg                | 1   | 1 | s11 |
| .....                     | .....                              | .....        | aacaugagaucucgaaa  | u        | .....              | 1   | 1 | s11 |
| .....                     | .....                              | .....        | aacaugagaucucgaaa  | u        | Ag                 | 1   | 1 | s11 |
| .....                     | .....                              | .....        | aacaugCagaucucgaaa | u        | .....              | 1   | 1 | s11 |
| .....                     | .....                              | .....        | aacaugagaucucgaaa  | u        | U                  | 34  | 1 | s11 |
| .....                     | .....                              | .....        | aacaugagaucucgaaa  | u        | Agg                | 4   | 1 | s11 |
| .....                     | .....                              | .....        | aacaugagaCcuucgaaa | u        | .....              | 1   | 1 | s11 |
| .....                     | .....                              | .....        | aacaugagaucucgaaa  | u        | Cg                 | 3   | 1 | s11 |
| .....                     | .....                              | .....        | aacaugaGgaucucgaaa | u        | .....              | 3   | 1 | s11 |
| .....                     | .....                              | .....        | aacCugaagaucucgaaa | u        | .....              | 1   | 1 | s11 |
| .....                     | .....                              | .....        | aacaugagaucucgaaa  | u        | U                  | 1   | 1 | s11 |
| .....                     | .....                              | .....        | aUaugaagaucucgaaa  | u        | .....              | 1   | 1 | s11 |
| .....                     | .....                              | .....        | aacGugaagaucucgaaa | u        | .....              | 1   | 1 | s11 |
| .....                     | .....                              | .....        | aacaugagaucucgaaa  | u        | Ag                 | 69  | 1 | s11 |
| .....                     | .....                              | .....        | aacaugagaucucgaaa  | u        | .....              | 1   | 1 | s11 |
| .....                     | .....                              | .....        | aaAaugaagaucucgaaa | u        | .....              | 2   | 1 | s11 |
| .....                     | .....                              | .....        | aacaugaUgaucucgaaa | u        | .....              | 1   | 1 | s11 |
| .....                     | .....                              | .....        | aacaugagaucucgaaa  | u        | .....              | 431 | 0 | s11 |
| .....                     | .....                              | .....        | aacaugagaucucgaaa  | u        | U                  | 24  | 1 | s11 |
| .....                     | .....                              | .....        | aacaugagaucucgaaa  | u        | ggc                | 1   | 1 | s11 |
| .....                     | .....                              | .....        | Caugaagaucucgaaa   | u        | ggc                | 1   | 1 | s11 |
| .....                     | .....                              | .....        | Gaugaagaucucgaaa   | u        | ggc                | 1   | 1 | s11 |
| .....                     | .....                              | .....        | aacaugagaucucgaaa  | u        | ggc                | 16  | 0 | s11 |
| .....                     | .....                              | .....        | aacaugagaucucgaaa  | u        | Agc                | 4   | 1 | s11 |
| .....                     | .....                              | .....        | aacaugagaucucgaaa  | u        | Ugc                | 1   | 1 | s11 |

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## Mature

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|--|-----|---|-----|
| .....aaUaugaagaucuucgaaauggggca.....     | 2   | 1 | s11 |
| .....aacaugaagaucuucgaaauggggcG.....     | 3   | 1 | s11 |
| .....aacaugaagaucuucgaaauggggca.....     | 18  | 0 | s11 |
| .....aacaugaagaucuucgaaauggggca.....     | 1   | 1 | s11 |
| .....aacaugaagaucuucgaaauggggG.....      | 50  | 1 | s11 |
| .....aacaugaagaucuucgaaauggAgca.....     | 11  | 1 | s11 |
| .....aacaugaagaucuucgaaauggAca.....      | 1   | 1 | s11 |
| .....aacaugaagaucuucgaaauggUgca.....     | 5   | 1 | s11 |
| .....aacaugaagaucuucgaaauggCgggcaa.....  | 1   | 1 | s11 |
| .....aacaugaagaucuucgaaauggggcaGg.....   | 1   | 1 | s11 |
| .....aacaugaagaucuucgaaauggggcaag.....   | 23  | 0 | s11 |
| .....aacaugGagaucuucgaaauggggcaag.....   | 3   | 1 | s11 |
| .....aacaugaagaucuucgaaauggggcaag.....   | 7   | 1 | s11 |
| .....aGcaugaagaucuucgaaauggggcaag.....   | 1   | 1 | s11 |
| .....aacaugaagaucuucgaaauggAgcaag.....   | 28  | 1 | s11 |
| .....aacaugaagaucuucgaaauggggGaa.....    | 1   | 1 | s11 |
| .....aacaugaagaucuucgaaauggggcaaA.....   | 1   | 1 | s11 |
| .....aacaugaagaucuucgaaauggggcaaU.....   | 2   | 1 | s11 |
| .....aacaugaagaucuucgaaauggUgcaag.....   | 3   | 1 | s11 |
| .....aacaugaagaucuucgaaauggggcGag.....   | 3   | 1 | s11 |
| .....aacaugaagaucuucgaaauggUgcaagu.....  | 1   | 1 | s11 |
| .....aacaugaagaucuucgaaauggggcaagu.....  | 6   | 0 | s11 |
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| .....aacaugaagaucuucgaaauggAgcaagu.....  | 4   | 1 | s11 |
| .....aacaugaagaucuucgaaauggggcaaguu..... | 2   | 0 | s11 |
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| .....caugaagaucuucgaaaugg.....           | 1   | 0 | s11 |
| .....caugaaCaucuucgaaaugg.....           | 1   | 1 | s11 |
| .....caugaagaucuucgaaauggA.....          | 1   | 1 | s11 |
| .....caugaagaucuucgaaaugggg.....         | 3   | 0 | s11 |
| .....augaagaucuucgaaaugggg.....          | 2   | 0 | s11 |
| .....ugaagaucuucgaaaugg.....             | 1   | 0 | s11 |
| .....ugaGgaucucgaaaugg.....              | 2   | 1 | s11 |
| .....ugaagaucuucgaaaugg.....             | 1   | 0 | s11 |
| .....ugaagaucuucgaaGuuggg.....           | 1   | 1 | s11 |
| .....ugaagaucuucgaaauggA.....            | 2   | 1 | s11 |
| .....ugaagaucuucgaaaugggg.....           | 11  | 0 | s11 |
| .....ugaGgaucucgaaaugggg.....            | 1   | 1 | s11 |
| .....ugaagaucuucgaaGuuggg.....           | 1   | 1 | s11 |
| .....ugaagaucuucgaaaugggU.....           | 1   | 1 | s11 |
| .....ugGagaucuucgaaaugggg.....           | 1   | 1 | s11 |
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| .....caguugaugaaacuccucguccugacgU.....   | 1   | 1 | s15 |
| .....caguugaugaaacuccAcguccugacgag.....  | 1   | 1 | s15 |
| .....caguugaugaaaUuccucguccugacgagu..... | 1   | 1 | s15 |
| .....caguugaugaaacuccAcguccugacgagu..... | 9   | 1 | s15 |
| .....aacaugaagaucuucgaaa.....            | 1   | 0 | s15 |
| .....aacaugaagaucuucgaaGau.....          | 1   | 1 | s15 |
| .....aacaugaagaucuucgaaa.....            | 2   | 0 | s15 |
| .....aacaugaagaucuucgaaaugg.....         | 74  | 0 | s15 |
| .....aacaugaagaucuucgaaauggU.....        | 2   | 1 | s15 |
| .....aacaugaagaucuucgaaUugg.....         | 4   | 1 | s15 |
| .....aacaugaagaucuucgaaCuugg.....        | 1   | 1 | s15 |
| .....aacGugaagaucuucgaaaugg.....         | 1   | 1 | s15 |
| .....aacaugaagaucuucgaaGuugg.....        | 1   | 1 | s15 |
| .....aacaugaagaucuucgaaaugg.....         | 2   | 1 | s15 |
| .....aacaugaGgaucucgaaaugg.....          | 1   | 1 | s15 |
| .....aacaugaagaucuucgaaauggA.....        | 9   | 1 | s15 |
| .....aaUaugaagaucuucgaaaugggg.....       | 1   | 1 | s15 |
| .....aacaugaagaucuucgaaaugggU.....       | 9   | 1 | s15 |
| .....aacaugaGgaucucgaaaugggg.....        | 2   | 1 | s15 |
| .....aacaugaagaucuucgaaaugggg.....       | 104 | 0 | s15 |
| .....aacaugGagaucuucgaaaugggg.....       | 1   | 1 | s15 |
| .....aacaugaUgaucucgaaaugggg.....        | 1   | 1 | s15 |
| .....aacUugaagaucuucgaaaugggg.....       | 1   | 1 | s15 |
| .....aacaugaagaucuucgaaaugggA.....       | 31  | 1 | s15 |
| .....aacaugaagaucuucgaaaugggg.....       | 1   | 1 | s15 |
| .....aacaugaagaucuucgaaauggg.....        | 1   | 1 | s15 |

## Mature

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|   |      |   |     |
|---|------|---|-----|
| .....aaUaugaagaucuuucgaaaugg.....         | 1    | 1 | s06 |
| .....aacaugaagaucucGcgaauugg.....         | 3    | 1 | s06 |
| .....aacaugaagaucuuucgaaauggU.....        | 95   | 1 | s06 |
| .....aacaugaagaucuuucgaaaugg.....         | 2    | 1 | s06 |
| .....aacaugaagaucuuucgaaauggA.....        | 169  | 1 | s06 |
| .....aacaugaagaucuuucgaaaugg.....         | 4    | 1 | s06 |
| .....aacaugaagaucucAcgaaaugg.....         | 1    | 1 | s06 |
| .....aacaugaagaucuuucgaaaugg.....         | 2    | 1 | s06 |
| .....aacaugaagaucuuucgaaaugg.....         | 1341 | 0 | s06 |
| .....Uacaugaagaucuuucgaaaugg.....         | 7    | 1 | s06 |
| .....aacaugaagaucuuucgaaaugg.....         | 2    | 1 | s06 |
| .....aacaugaagaucuuucgaaaugg.....         | 1    | 1 | s06 |
| .....aGcaugaagaucuuucgaaaugg.....         | 7    | 1 | s06 |
| .....aacaugGagaucuuucgaaaugg.....         | 3    | 1 | s06 |
| .....aacaugaagaucuuucgaaaugg.....         | 5    | 1 | s06 |
| .....aacaugaagCucuucgaaaugg.....          | 2    | 1 | s06 |
| .....aacaugaUgaucuuucgaaauggg.....        | 1    | 1 | s06 |
| .....aacaugaagaucuuucgaaauggg.....        | 2    | 1 | s06 |
| .....aacaugaagaucuuucgaaauggUg.....       | 1    | 1 | s06 |
| .....aacaugGagaucuuucgaaauggg.....        | 4    | 1 | s06 |
| .....aGcaugaagaucuuucgaaauggg.....        | 1    | 1 | s06 |
| .....aacaugaagaucuuucgaaauggg.....        | 2    | 1 | s06 |
| .....aacaugaagaucuuucgaaauggg.....        | 2    | 1 | s06 |
| .....aacGugaagaucuuucgaaauggg.....        | 3    | 1 | s06 |
| .....aacUugaagaucuuucgaaauggg.....        | 7    | 1 | s06 |
| .....aacaugaagaCcuucgaaauggg.....         | 2    | 1 | s06 |
| .....aacaugaagaucuuucgaaauggg.....        | 732  | 0 | s06 |
| .....aacaugaagaucuuucgaaauggA.....        | 152  | 1 | s06 |
| .....aacaugaagaucuuucgaaauggU.....        | 59   | 1 | s06 |
| .....aacaugaagaucuuucgaaauggCgg.....      | 1    | 1 | s06 |
| .....aacaugaagaucuuucgaaauggg.....        | 1    | 1 | s06 |
| .....aacaugaagaucuuucgaaauggg.....        | 2    | 1 | s06 |
| .....aacaugaGgaucuuucgaaauggg.....        | 2    | 1 | s06 |
| .....aacaugaagaucucGcgaauuggg.....        | 4    | 1 | s06 |
| .....aacaugaagaucuuucgGaauggg.....        | 7    | 1 | s06 |
| .....Cacaugaagaucuuucgaaauggg.....        | 1    | 1 | s06 |
| .....Uacaugaagaucuuucgaaauggg.....        | 2    | 1 | s06 |
| .....aacaugaagaucuuucgaaGuggg.....        | 3    | 1 | s06 |
| .....aacaugaagaucuuucgaaauggg.....        | 2    | 1 | s06 |
| .....aaGaugaagaucuuucgaaauggg.....        | 1    | 1 | s06 |
| .....aacaugaagaucucCgaaauggg.....         | 4    | 1 | s06 |
| .....aacaugaagaucuuucgaaauggCg.....       | 2    | 1 | s06 |
| .....aacaugaagaucuuucgaaauggAg.....       | 1    | 1 | s06 |
| .....aacaugaaAaucuuucgaaauggg.....        | 1    | 1 | s06 |
| .....aacaugaagaucuuucgaaaugggU.....       | 11   | 1 | s06 |
| .....aacaugaagaucuuucgaaaugggc.....       | 11   | 0 | s06 |
| .....aacaugaagaucuuucgaaaugggcG.....      | 6    | 1 | s06 |
| .....aGcaugaagaucuuucgaaaugggca.....      | 1    | 1 | s06 |
| .....aacaugGagaucuuucgaaaugggca.....      | 1    | 1 | s06 |
| .....Gacaugaagaucuuucgaaaugggca.....      | 1    | 1 | s06 |
| .....aacaugaagaucuuucgaaaugggca.....      | 1    | 1 | s06 |
| .....aacaugaagaucuuucgaaaugggca.....      | 38   | 0 | s06 |
| .....aacaugaagaucuuucgaaaugggGa.....      | 47   | 1 | s06 |
| .....Uacaugaagaucuuucgaaaugggca.....      | 1    | 1 | s06 |
| .....aacaugaagaucuuucgaaaugggcU.....      | 1    | 1 | s06 |
| .....aacaugaagaucuuucgaaauggggcaa.....    | 3    | 0 | s06 |
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| .....aacaugaagaucuuucgaaauggggcGa.....    | 100  | 1 | s06 |
| .....aacaugaagaucuuucgaaauggggcGg.....    | 1    | 1 | s06 |
| .....aacaugaagaucuuucgaaauggggcaaU.....   | 3    | 1 | s06 |
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| .....aacaugaagaucuuucgaaauggggcaag.....   | 76   | 0 | s06 |
| .....aacaugaagaucuuucgaaaugggAcaag.....   | 1    | 1 | s06 |
| .....aacaugaagaucuuucgaaauggggcaaA.....   | 3    | 1 | s06 |
| .....aacaugaagaucuuucgaaauggggcaagu.....  | 2    | 1 | s06 |
| .....Uacaugaagaucuuucgaaauggggcaagu.....  | 1    | 1 | s06 |
| .....aacaugaagaucuuucgaaauggggcaagu.....  | 42   | 0 | s06 |
| .....aacaugaagaucAucgaaauggggcaagu.....   | 4    | 1 | s06 |
| .....aacaugaagaucuuucgaaauggggcaagC.....  | 8    | 1 | s06 |
| .....aacaugaagaucuuucgAUauuggggcaagu..... | 1    | 1 | s06 |

## Mature

|   |     |   |     |
|---|-----|---|-----|
| augguguuagguauugucugcgaggccaguuugaugaaacuccucgucucgacgaguccucuaaaaugggucgaaacugaagauucucgaaauugggcaagG..... | 1   | 1 | s06 |
| .....aacaugaagauucgaaauugggcaaguu.....  | 10  | 0 | s06 |
| .....aacaugaagauucgaaauCgggcaaguu.....  | 1   | 1 | s06 |
| .....aacaugaagauucgaaauugggcaaCuu.....  | 1   | 1 | s06 |
| .....acaugaagauucgaaauugg.....  | 1   | 0 | s06 |
| .....augaagauucgaaauuggg.....   | 3   | 0 | s06 |
| .....ugaagauucCcgaaauugg.....   | 1   | 1 | s06 |
| .....ugaagauucgaaauugg.....   | 3   | 0 | s06 |
| .....ugaGgaucucgaaauugg.....  | 1   | 1 | s06 |
| .....ugaagauucgaaGuugg.....   | 1   | 1 | s06 |
| .....ugaagauucgaaauuggg.....  | 11  | 0 | s06 |
| .....ugaagauucgaaauuggU.....  | 1   | 1 | s06 |
| .....ugaagauucgaaauuggA.....  | 2   | 1 | s06 |
| .....ugaagauucgGaaauuggg.....   | 1   | 1 | s06 |
| .....ugGagauucgaaauuggg.....  | 4   | 1 | s06 |
| .....ugaagauucgaaauugggcaagu.....   | 2   | 0 | s06 |
| .....ugaagauucgaaauugggcaaguuu.....   | 2   | 0 | s06 |
| .....ugaagauucgaaauugggcaaguuua.....  | 1   | 0 | s06 |
| .....aucuucgaaauugggcaaguuua.....   | 1   | 0 | s06 |
| .....cuucgaaauugggcaaguuuaU.....  | 1   | 1 | s06 |
| augguguuagguauugucugc.....  | 1   | 0 | s03 |
| .....ucugcgaggccaguuugaug.....  | 1   | 0 | s03 |
| .....ucugcgaggccGguugauga.....  | 1   | 1 | s03 |
| .....cgaggccaguuugaagaaA.....   | 1   | 1 | s03 |
| .....caguugaugaaacuccugucc.....   | 1   | 0 | s03 |
| .....caguugaugaaacuccuguccugaGg.....  | 1   | 1 | s03 |
| .....caguugaugaaacuccuguccugacU.....  | 2   | 1 | s03 |
| .....caguugaugaaacUAcucguccugacg.....   | 1   | 1 | s03 |
| .....caguugaugaaacuccuguccugacg.....  | 16  | 0 | s03 |
| .....caguugaugaaacuccuguccugacga.....   | 3   | 0 | s03 |
| .....caguugaugaaacuccuguccugacgU.....   | 1   | 1 | s03 |
| .....caguugaugaaacuccuguccugacgaU.....  | 1   | 1 | s03 |
| .....caguugaugaaacuccuguccugacgagau.....  | 1   | 0 | s03 |
| .....caguugaugGaacuccuguccugacgagau.....  | 1   | 1 | s03 |
| .....aguugaugaaacuccuguccuga.....   | 3   | 0 | s03 |
| .....aguugaugaaacuccuguccugacg.....   | 1   | 0 | s03 |
| .....ugaugaaacuccuguccugacgagucccu.....   | 1   | 0 | s03 |
| .....augaaacuccuguccug.....   | 1   | 0 | s03 |
| .....augaaacuccuguccuga.....  | 1   | 0 | s03 |
| .....ugaaacuccuguccugacg.....   | 12  | 0 | s03 |
| .....aaacuccuguccugGcg.....   | 3   | 1 | s03 |
| .....aaacuccuguccugacg.....   | 1   | 0 | s03 |
| .....uccugacgagucccucaG.....  | 1   | 1 | s03 |
| .....cugacgagucccucaaaau.....   | 1   | 0 | s03 |
| .....aacGugaagauucgaa.....  | 1   | 1 | s03 |
| .....aacaugaagauucgaaa.....   | 1   | 0 | s03 |
| .....aacaugaagauucgaaau.....  | 2   | 0 | s03 |
| .....aacaugaagauucgaaauu.....   | 3   | 0 | s03 |
| .....aacaugaagauucgaaauug.....  | 3   | 0 | s03 |
| .....aacaugaagauucgaaauugg.....   | 339 | 0 | s03 |
| .....aaUaugaagauucgaaauugg.....   | 1   | 1 | s03 |
| .....aacaugGagauucgaaauugg.....   | 2   | 1 | s03 |
| .....aaGaugaagauucgaaauugg.....   | 1   | 1 | s03 |
| .....aacaugaGgaucucgaaauugg.....  | 2   | 1 | s03 |
| .....aacaugCagauucgaaauugg.....   | 2   | 1 | s03 |
| .....aacaugaagauucgGaaauugg.....  | 2   | 1 | s03 |
| .....aacaugaagaCcuucgaaauugg.....   | 1   | 1 | s03 |
| .....aacaugaagauucgaaauugU.....   | 23  | 1 | s03 |
| .....aacGugaagauucgaaauugg.....   | 2   | 1 | s03 |
| .....aacaugaUgaucucgaaauugg.....  | 2   | 1 | s03 |
| .....aacaugaagauucgaaauuAg.....   | 2   | 1 | s03 |
| .....aacaugaagauucgaaauugC.....   | 1   | 1 | s03 |
| .....aacaugaagauucgaaauugA.....   | 37  | 1 | s03 |
| .....Cacaugaagauucgaaauugg.....   | 1   | 1 | s03 |
| .....aacaugaaAaucucgaaauugg.....  | 2   | 1 | s03 |
| .....aacUugaagauucgaaauugg.....   | 2   | 1 | s03 |
| .....aacaugaagaAcuucgaaauugg.....   | 1   | 1 | s03 |
| .....aGcaugaagauucgaaauugg.....   | 9   | 1 | s03 |
| .....aacaugaagauucgaaauuggU.....  | 14  | 1 | s03 |

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|  |     |   |     |
|--|-----|---|-----|
| .aacaugaGgaucucgaaaauuggg.....         | 3   | 1 | s03 |
| .aGcaugaagaucuucgaaaauuggg.....        | 6   | 1 | s03 |
| .aacGugaagaucuucgaaaauuggg.....        | 11  | 1 | s03 |
| .aacCugaagaucuucgaaaauuggg.....        | 3   | 1 | s03 |
| .aacaugaagaucuGcgaaaauuggg.....        | 1   | 1 | s03 |
| .aacaugaagaucuuGgaaaauuggg.....        | 1   | 1 | s03 |
| .aacUugaagaucuucgaaaauuggg.....        | 1   | 1 | s03 |
| .aacaugaagaucuucgaaGuuggg.....         | 1   | 1 | s03 |
| .aacaugaagaucuucgaGauuggg.....         | 1   | 1 | s03 |
| .aacaugaagaucuucgaaaauuggA.....        | 65  | 1 | s03 |
| .aacaugaagaucuucgaaaauuggg.....        | 270 | 0 | s03 |
| .aacaugaagaucuCcgaauuggg.....          | 1   | 1 | s03 |
| .aacaugaagaucuAcgaaaauuggg.....        | 1   | 1 | s03 |
| .aacaugGagaucuucgaaaauuggg.....        | 1   | 1 | s03 |
| .aGcaugaagaucuucgaaaauugggc.....       | 1   | 1 | s03 |
| .Caugaagaagaucuucgaaaauugggc.....      | 1   | 1 | s03 |
| .aacaugaagaucuucgaaaauugggc.....       | 2   | 0 | s03 |
| .aacaugaagaucuucgaaaauugggU.....       | 8   | 1 | s03 |
| .aacaugaagaucuucgaaaauugggca.....      | 24  | 0 | s03 |
| .aacaugaagaucuucgaaauCgggca.....       | 1   | 1 | s03 |
| .aacaugaagaucuucgaaaauugggcU.....      | 3   | 1 | s03 |
| .Gaugaagaagaucuucgaaaauugggca.....     | 1   | 1 | s03 |
| .aacGugaagaucuucgaaaauugggca.....      | 6   | 1 | s03 |
| .aacUugaagaucuucgaaaauugggca.....      | 1   | 1 | s03 |
| .aacaugaagaucuucgaaaauugggcUa.....     | 3   | 1 | s03 |
| .aacaugaagaucuucgaaaauugggcCa.....     | 2   | 1 | s03 |
| .aacaugaagaucuucgaaauCgggcaag.....     | 4   | 1 | s03 |
| .aacaugaagaucuucgaaaauugggcaaA.....    | 2   | 1 | s03 |
| .aacGugaagaucuucgaaaauugggcaag.....    | 12  | 1 | s03 |
| .aacaugaagaucuucgaaaauugAgcaag.....    | 1   | 1 | s03 |
| .aacaugaagaucuucgaaaauugggcaaU.....    | 1   | 1 | s03 |
| .aacaugaagaucuCcgaauugggcaag.....      | 1   | 1 | s03 |
| .aacaugaagaucuucgaaaauugggcaag.....    | 42  | 0 | s03 |
| .aacaugaagaucuucgaaaauugggcUag.....    | 1   | 1 | s03 |
| .aacaugaagaucuucgaaauCgggcaagu.....    | 9   | 1 | s03 |
| .aacaugaagaucuucgaaaauugggcaagC.....   | 3   | 1 | s03 |
| .aacaugaagaucuucgaaaauugggcUagu.....   | 1   | 1 | s03 |
| .Gaugaagaagaucuucgaaaauugggcaagu.....  | 1   | 1 | s03 |
| .aacGugaagaucuucgaaaauugggcaagu.....   | 7   | 1 | s03 |
| .aacaugaagaucuucgaaaauugggcaagu.....   | 25  | 0 | s03 |
| .aacaugaagaucuucgaaaauugggcaaguu.....  | 8   | 0 | s03 |
| . .caugaagaucuucgaaaauugg.....         | 1   | 0 | s03 |
| . .caugaagaucuucgaaaauuggg.....        | 1   | 0 | s03 |
| . .augaagaucuucgaaaauuggg.....         | 1   | 0 | s03 |
| . .ugaagaucuucgaGauugg.....            | 1   | 1 | s03 |
| . .ugaagaucuucgaaaauugA.....           | 1   | 1 | s03 |
| . .ugaagaucuucgaaaauugg.....           | 4   | 0 | s03 |
| . .ugaagaucuucgaaaauuggg.....          | 11  | 0 | s03 |
| . .ugGagaucuucgaaaauuggg.....          | 6   | 1 | s03 |
| . .ugaagaucuucGaauggg.....             | 1   | 1 | s03 |
| . .ugaGgaucucgaaaauuggg.....           | 3   | 1 | s03 |
| . .ugaagaucuucgaGauuggg.....           | 1   | 1 | s03 |
| . .ugaagaucuucgaaaauugggcaaguuacG..... | 1   | 1 | s03 |
| . .agaucuucgaaaauugggcaa.....          | 1   | 0 | s03 |
| .....                                  |     |   |     |
| . .aggccGguugaugaaacu.....             | 2   | 1 | s07 |
| . .caguuCaugaaacuccucg.....            | 1   | 1 | s07 |
| . .caguugaugaaacuccucg.....            | 1   | 0 | s07 |
| . .caguugaugaaacuccucgu.....           | 6   | 0 | s07 |
| . .caguugaugaaacuccucgA.....           | 2   | 1 | s07 |
| . .caguugaugaaacuccucguc.....          | 2   | 0 | s07 |
| . .caguugaugaaacuccucgucc.....         | 7   | 0 | s07 |
| . .cGguugaugaaacuccucgucc.....         | 1   | 1 | s07 |
| . .caguugaugaaacuccucguAcuga.....      | 1   | 1 | s07 |
| . .caguugaugaaacuccucguccugacC.....    | 1   | 1 | s07 |
| . .caguugaugaaacuccucguccugacg.....    | 33  | 0 | s07 |
| . .caguugaugaaacuccucguccugaAga.....   | 1   | 1 | s07 |
| . .caguugaCgaacuccucguccugacga.....    | 1   | 1 | s07 |
| . .caguugaugaaacuccucguccugacgG.....   | 2   | 1 | s07 |
| . .caguugaugaaacuccucguccugacga.....   | 5   | 0 | s07 |



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## Mature

|  |    |   |     |
|--|----|---|-----|
| augguguuagguaugucugcgaggccaguuugaugaaacuccucgucuccugacgaguccuccucaaaauggcgcaacaugaagaucuccgaaaauugggcaaguuuacacaucugua |    |   |     |
| .....caguugaugaaacuccucgucuccugacgC.....   | 1  | 1 | s07 |
| .....caguugaugagacuccucgucuccugacga.....   | 1  | 1 | s07 |
| .....caguugaugaaacuccucgucuccugacgU.....   | 18 | 1 | s07 |
| .....caguugaugaaacuccucgucuccugacgUgu.....   | 3  | 1 | s07 |
| .....caguugaugaaacuccucCuccugacgagu.....   | 1  | 1 | s07 |
| .....caguugaCgaacuccucgucuccugacgagu.....  | 3  | 1 | s07 |
| .....caguugaugaaacuccucgucuccugacgaUu.....   | 5  | 1 | s07 |
| .....caguugaugaaacuccucgucuccugacgagu.....   | 4  | 0 | s07 |
| .....aguugaugaaacuccucgu.....  | 1  | 0 | s07 |
| .....aguugaugaaacuccucgucuccug.....  | 1  | 0 | s07 |
| .....aguugaugaaacuccucgucuccugacg.....   | 3  | 0 | s07 |
| .....aguugaugaaacuccucgucuccugacC.....   | 1  | 1 | s07 |
| .....aguugaugaaacuccucgucuccugacga.....  | 6  | 0 | s07 |
| .....aguugaugaaacuccucgucuccugacgU.....  | 1  | 1 | s07 |
| .....aguugaugaaacuccucgucuccugacgaguc.....   | 1  | 0 | s07 |
| .....guugaugaaacuccucgucuccugacgagucc.....   | 1  | 0 | s07 |
| .....guugaugaaacuccucgucuccugacgagucA.....   | 2  | 1 | s07 |
| .....uugaugaaacuccucgucuccugacgagucc.....  | 1  | 0 | s07 |
| .....gaugaGacuccucgucuccugacgaguccuc.....  | 1  | 1 | s07 |
| .....ugaacuccucgucuccugacg.....  | 3  | 0 | s07 |
| .....gaaacuccucgucuccugacgaguGccucaa.....  | 1  | 1 | s07 |
| .....aacuccucgucuccugacgaguccuccaaaau.....   | 2  | 0 | s07 |
| .....acuccucgucuccugacgaguccuccaaaaaug.....  | 1  | 0 | s07 |
| .....cugacgaguccuccucaaauugcu.....   | 1  | 0 | s07 |
| .....ugacgaguccuccucaaau.....  | 1  | 0 | s07 |
| .....gaguccuccucaaauuggcugc.....   | 1  | 0 | s07 |
| .....guccuccucaaauuggcgca.....   | 1  | 0 | s07 |
| .....gcugcaacaugaagaucuccgaaaauugA.....  | 1  | 1 | s07 |
| .....Ggcaacaugaagaucuccgaaaauugg.....  | 1  | 1 | s07 |
| .....gcaacaugaagaucuccgaaaauugC.....   | 3  | 1 | s07 |
| .....gcaacaugaagaucuccgaaaauugA.....   | 3  | 1 | s07 |
| .....gcaacaugaagaucuccgaaaauugg.....   | 3  | 0 | s07 |
| .....Gaacaugaagaucuccgaaaauugg.....  | 1  | 1 | s07 |
| .....caacaugaagaucuccgaaaauugg.....  | 1  | 0 | s07 |
| .....caacaugaagaucuccgaaaauuggg.....   | 1  | 0 | s07 |
| .....aacaugaagaucuccgG.....  | 1  | 1 | s07 |
| .....aacaugaagaAcuucgaa.....   | 1  | 1 | s07 |
| .....aacaugaagaucuccgaa.....   | 4  | 0 | s07 |
| .....aacaugaagUcuucgaaa.....   | 1  | 1 | s07 |
| .....aacUugaagaucuccgaaa.....  | 6  | 1 | s07 |
| .....Uacaugaagaucuccgaaa.....  | 1  | 1 | s07 |
| .....aGcaugaagaucuccgaaa.....  | 1  | 1 | s07 |
| .....aacaugaagaCcuucgaaa.....  | 1  | 1 | s07 |
| .....aacaugaagaucuccgG.....  | 1  | 1 | s07 |
| .....Cacaugaagaucuccgaaa.....  | 1  | 1 | s07 |
| .....aacaugaagaucuccgaaa.....  | 67 | 0 | s07 |
| .....aacaugaGgaucuccgaaa.....  | 1  | 1 | s07 |
| .....aacaugaagaucuccgaaGu.....   | 4  | 1 | s07 |
| .....aacaugaUgaucuccgaaa.....  | 1  | 1 | s07 |
| .....aaGaugaagaucuccgaaa.....  | 1  | 1 | s07 |
| .....aacaugaagaCcuucgaaa.....  | 1  | 1 | s07 |
| .....aaAaugaagaucuccgaaa.....  | 1  | 1 | s07 |
| .....aaUaugaagaucuccgaaa.....  | 1  | 1 | s07 |
| .....aacaugaGgaucuccgaaa.....  | 2  | 1 | s07 |
| .....aacaugaagaucuccgaaaC.....   | 10 | 1 | s07 |
| .....aacUugaagaucuccgaaa.....  | 4  | 1 | s07 |
| .....aacaugaagaucuccgaaa.....  | 77 | 0 | s07 |
| .....aacaugaagCcuucgaaaau.....   | 2  | 1 | s07 |
| .....aacGugaagaucuccgaaaau.....  | 1  | 1 | s07 |
| .....aacaugaagaucUcgaaaaau.....  | 1  | 1 | s07 |
| .....aacaugaGgaucuccgaaaau.....  | 2  | 1 | s07 |
| .....aacUugaagaucuccgaaaau.....  | 1  | 1 | s07 |
| .....aacaugaagaucuccgaaaauA.....   | 2  | 1 | s07 |
| .....aGcaugaagaucuccgaaaau.....  | 1  | 1 | s07 |
| .....aacaugGgaucuccgaaaau.....   | 1  | 1 | s07 |
| .....aacaugaagaucuccgaaaau.....  | 79 | 0 | s07 |
| .....aacaugaagaucAucgaaaau.....  | 1  | 1 | s07 |
| .....aacaugaagaucuccgGauu.....   | 1  | 1 | s07 |
| .....aacaugaagaucuccgaaaauA.....   | 2  | 1 | s07 |
| .....aacaugaagaucuccgaaaauug.....  | 45 | 0 | s07 |

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|                                      |      |   |     |
|--------------------------------------|------|---|-----|
| .....aacaugaagaucuuucgaGauug.....    | 1    | 1 | s07 |
| .....Uacaugaagaucuuucgaaauugg.....   | 9    | 1 | s07 |
| .....aaAaugaagaucuuucgaaauugg.....   | 5    | 1 | s07 |
| .....aaGaugaagaucuuucgaaauugg.....   | 2    | 1 | s07 |
| .....aacaugaagUucuuucgaaauugg.....   | 4    | 1 | s07 |
| .....aacCugaagaucuuucgaaauugg.....   | 3    | 1 | s07 |
| .....aacaugaagaAcuucgaaauugg.....    | 2    | 1 | s07 |
| .....aacaugaagaucuuucgaaauugC.....   | 118  | 1 | s07 |
| .....aacaugaagaucuuucGcgaaauugg..... | 11   | 1 | s07 |
| .....aacaugaGgaucuuucgaaauugg.....   | 36   | 1 | s07 |
| .....Cacaugaagaucuuucgaaauugg.....   | 24   | 1 | s07 |
| .....aacaAgaagaucuuucgaaauugg.....   | 1    | 1 | s07 |
| .....aacaugaagaucuuucgaaauugA.....   | 1052 | 1 | s07 |
| .....aacaugaagaucuuucgaaauugg.....   | 7691 | 0 | s07 |
| .....aacaugGagaucuuucgaaauugg.....   | 47   | 1 | s07 |
| .....aacaugaagaucuuucgaaauGugg.....  | 6    | 1 | s07 |
| .....aacaugaagaucuuucgaaauuCG.....   | 2    | 1 | s07 |
| .....aacaugaagaucuuucGaaauugg.....   | 3    | 1 | s07 |
| .....aacaugaagaucuuucgaaauCugg.....  | 21   | 1 | s07 |
| .....aacaugaagaucuuucgaaauGugg.....  | 31   | 1 | s07 |
| .....aacaugaagaucuuucgaaauUugg.....  | 19   | 1 | s07 |
| .....aacaugaagaucuuucCaaauugg.....   | 2    | 1 | s07 |
| .....aacaugaagaucuuucAcgaaauugg..... | 9    | 1 | s07 |
| .....aCcaugaagaucuuucgaaauugg.....   | 6    | 1 | s07 |
| .....aacaugaUgaucuuucgaaauugg.....   | 5    | 1 | s07 |
| .....aacaUaagaucuuucgaaauugg.....    | 5    | 1 | s07 |
| .....aacaugaagaUaucgaaauugg.....     | 1    | 1 | s07 |
| .....aacaugaagaGcuucgaaauugg.....    | 6    | 1 | s07 |
| .....aacaugaagaucuuucgaaauuAg.....   | 16   | 1 | s07 |
| .....aacaugaagaucuuucGaaauugg.....   | 4    | 1 | s07 |
| .....aacaugaaCaucuuucgaaauugg.....   | 2    | 1 | s07 |
| .....aacaugaagaCcuucgaaauugg.....    | 25   | 1 | s07 |
| .....aacaugaagaucuuucgaaauCugg.....  | 5    | 1 | s07 |
| .....aacaugaCgaucuuucgaaauugg.....   | 9    | 1 | s07 |
| .....aacaugaagaucuuGgaaauugg.....    | 5    | 1 | s07 |
| .....aacaugaagaucuuCcgaaauugg.....   | 21   | 1 | s07 |
| .....aacaugaagaucuuucgaGauugg.....   | 21   | 1 | s07 |
| .....aacaugaagaucuuucgGaaauugg.....  | 30   | 1 | s07 |
| .....aacGugaagaucuuucgaaauugg.....   | 34   | 1 | s07 |
| .....aacaugUagaucuuucgaaauugg.....   | 5    | 1 | s07 |
| .....aacaugCagaucuuucgaaauugg.....   | 6    | 1 | s07 |
| .....aacaugaagaucuuucgaaauAgg.....   | 4    | 1 | s07 |
| .....aacaugaagaUGuucgaaauugg.....    | 1    | 1 | s07 |
| .....aacaGgaagaucuuucgaaauugg.....   | 4    | 1 | s07 |
| .....aacaugaagaucuuucgaaauugU.....   | 702  | 1 | s07 |
| .....aacaugaagaucAucgaaauugg.....    | 12   | 1 | s07 |
| .....aGcaugaagaucuuucgaaauugg.....   | 33   | 1 | s07 |
| .....aacaugaagCucuuucgaaauugg.....   | 9    | 1 | s07 |
| .....aacUugaagaucuuucgaaauugg.....   | 71   | 1 | s07 |
| .....aUcaugaagaucuuucgaaauugg.....   | 2    | 1 | s07 |
| .....aaUaugaagaucuuucgaaauugg.....   | 4    | 1 | s07 |
| .....aacaugaagaucuuucgaUauuggg.....  | 2    | 1 | s07 |
| .....aacaugCagaucuuucgaaauuggg.....  | 2    | 1 | s07 |
| .....aacGugaagaucuuucgaaauuggg.....  | 16   | 1 | s07 |
| .....aacaugaagaucuuucgaaauuggg.....  | 4    | 1 | s07 |
| .....aacaugaagaCcuucgaaauuggg.....   | 9    | 1 | s07 |
| .....aacaugaagaucuuucgaGauuggg.....  | 9    | 1 | s07 |
| .....aacaugaagaucuuucgaaauuCGg.....  | 1    | 1 | s07 |
| .....aacaugaagaucuuucgaaauuCGg.....  | 4    | 1 | s07 |
| .....aacaugaCgaucuuucgaaauuggg.....  | 1    | 1 | s07 |
| .....aacaugaagaucuuucgaUauuggg.....  | 2    | 1 | s07 |
| .....aacaugaagaucuuucgaaauGggg.....  | 8    | 1 | s07 |
| .....aaAaugaagaucuuucgaaauuggg.....  | 2    | 1 | s07 |
| .....aacaugaUgaucuuucgaaauuggg.....  | 4    | 1 | s07 |
| .....aacaugaagaucAucgaaauuggg.....   | 7    | 1 | s07 |
| .....aGcaugaagaucuuucgaaauuggg.....  | 23   | 1 | s07 |
| .....aacaugaagaucuuucgaaauUuggg..... | 2    | 1 | s07 |
| .....aacaugaagaucuuucgaaauugCG.....  | 5    | 1 | s07 |
| .....aacaugaagaucuuucgaaauuggg.....  | 2896 | 0 | s07 |
| .....aacaugaagaucuuGcgaaauuggg.....  | 6    | 1 | s07 |

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|  |     |   |     |
|--|-----|---|-----|
| .....Ucaugaagaucuuaggcaaguuuacacaucugua    | 3   | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 8   | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 4   | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 5   | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 223 | 1 | s07 |
| .....aacUugaagaucuuaggcaaguuuacacaucugua   | 6   | 1 | s07 |
| .....aaUaugaagaucuuaggcaaguuuacacaucugua   | 1   | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 7   | 1 | s07 |
| .....aacaugaagCucuaggcaaguuuacacaucugua    | 1   | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 1   | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 2   | 1 | s07 |
| .....aacUugaagaucuuaggcaaguuuacacaucugua   | 33  | 1 | s07 |
| .....Cacaugaagaucuuaggcaaguuuacacaucugua   | 7   | 1 | s07 |
| .....aacaugaGgaucuuaggcaaguuuacacaucugua   | 18  | 1 | s07 |
| .....aacaugGgaucuuaggcaaguuuacacaucugua    | 13  | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 5   | 1 | s07 |
| .....aacaugUgaucuuaggcaaguuuacacaucugua    | 4   | 1 | s07 |
| .....aaGaugaagaucuuaggcaaguuuacacaucugua   | 1   | 1 | s07 |
| .....aUaugaagaucuuaggcaaguuuacacaucugua    | 1   | 1 | s07 |
| .....aacaGgaagaucuuaggcaaguuuacacaucugua   | 2   | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 3   | 1 | s07 |
| .....aacaugaaAaucuuaggcaaguuuacacaucugua   | 1   | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 565 | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 1   | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 14  | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 9   | 1 | s07 |
| .....aacaugaagaAaucuuaggcaaguuuacacaucugua | 3   | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 1   | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 3   | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 63  | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 1   | 1 | s07 |
| .....aacUugaagaucuuaggcaaguuuacacaucugua   | 1   | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 24  | 0 | s07 |
| .....aacaugaagCucuaggcaaguuuacacaucugua    | 1   | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 1   | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 90  | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 1   | 1 | s07 |
| .....aacaugaagUucuaggcaaguuuacacaucugua    | 1   | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 4   | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 10  | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 1   | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 6   | 1 | s07 |
| .....aacGugaagaucuuaggcaaguuuacacaucugua   | 1   | 1 | s07 |
| .....aaUaugaagaucuuaggcaaguuuacacaucugua   | 1   | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 71  | 0 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 1   | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 1   | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 2   | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 5   | 0 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 3   | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 1   | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 1   | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 3   | 1 | s07 |
| .....aacUugaagaucuuaggcaaguuuacacaucugua   | 1   | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 40  | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 1   | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 1   | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 1   | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 2   | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 102 | 0 | s07 |
| .....aGaugaagaucuuaggcaaguuuacacaucugua    | 2   | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 1   | 1 | s07 |
| .....aUaugaagaucuuaggcaaguuuacacaucugua    | 1   | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 14  | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 61  | 0 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 2   | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 1   | 1 | s07 |
| .....aacUugaagaucuuaggcaaguuuacacaucugua   | 1   | 1 | s07 |
| .....aacaugaagaucuuaggcaaguuuacacaucugua   | 4   | 1 | s07 |

## Mature

|  |   |   |     |
|--|---|---|-----|
| .uggguguuagguuagugucUA.....              | 1 | 1 | s09 |
| .uggguguuagguuagugucugcg.....            | 1 | 0 | s09 |
| ...uguuagguuagucCgcgagg.....             | 1 | 1 | s09 |
| .....ugucugcgaggccaguu.....              | 2 | 0 | s09 |
| .....aggccaguuagugaaacucA.....           | 1 | 1 | s09 |
| .....caguugaugaaacuccucgucc.....         | 1 | 0 | s09 |
| .....caguugaugaaacuccucgucuu.....        | 1 | 0 | s09 |
| .....caguugaugaaacuccucguccugacU.....    | 1 | 1 | s09 |
| .....caguugaugaaacuccucguccugacg.....    | 5 | 0 | s09 |
| .....caguugaugaaacuccucguccugacga.....   | 3 | 0 | s09 |
| .....caguugaugaaacuccucguccugacgU.....   | 1 | 1 | s09 |
| .....caguugaugaaacuccucguccugacgagu..... | 1 | 0 | s09 |
| .....caguugaCgaaacuccucguccugacgagu..... | 2 | 1 | s09 |
| .....caguugaugGaacuccucguccugacgagu..... | 1 | 1 | s09 |
| .....caguugaugaaacuccucguccugacgaUu..... | 2 | 1 | s09 |

## Star

## Mature

|  |     |   |     |
|--|-----|---|-----|
| augguguuagguaugucugcgagcgcaguugaugaaacuccucguccugacgaguccucuaaauggcugcaacaugaagaucucgaaaugggcaaguuuacacaucugua |     |   |     |
| ..... ugaaacuccucguccugacg.....  | 8   | 0 | s09 |
| ..... ugaGacuccucguccugacg.....  | 1   | 1 | s09 |
| ..... aGacuccucguccugacg.....  | 1   | 1 | s09 |
| ..... aaacuccucguccugacg.....  | 1   | 0 | s09 |
| ..... ucguccugacgaguccuca.....   | 2   | 0 | s09 |
| ..... ucguccugacgaguccucU.....   | 1   | 1 | s09 |
| ..... uccugacgaguccucaC.....   | 1   | 1 | s09 |
| ..... uccugacgGguccucaaa.....  | 1   | 1 | s09 |
| ..... ugacgaguccucaaaugg.....  | 1   | 0 | s09 |
| ..... aacaugaagaucucgaaa.....  | 2   | 0 | s09 |
| ..... aacaugaagaucucgaaa.....  | 7   | 0 | s09 |
| ..... aacaugaagaucucgaaa.....  | 11  | 0 | s09 |
| ..... aacaugGagaucucgaaa.....  | 2   | 1 | s09 |
| ..... aacaugaagaucucgaaa.....  | 3   | 1 | s09 |
| ..... aacaugaagaucucGcgaaa.....  | 1   | 1 | s09 |
| ..... aacaugaagaucucgaaaugg.....   | 10  | 0 | s09 |
| ..... aacaugaagaucuaCgaaaugg.....  | 1   | 1 | s09 |
| ..... aacaugaagaucucgaaGuugg.....  | 6   | 1 | s09 |
| ..... aacaugaagaucucgaaGuugg.....  | 1   | 1 | s09 |
| ..... aacaugaagaucucgaaaGuugg.....   | 2   | 1 | s09 |
| ..... aacGugaagaucucgaaaugg.....   | 5   | 1 | s09 |
| ..... aacaugCagaucucgaaaugg.....   | 1   | 1 | s09 |
| ..... aacaugaagaucucgGaaugg.....   | 16  | 1 | s09 |
| ..... aacaugGagaucucgaaaugg.....   | 5   | 1 | s09 |
| ..... aacaugaGgaucucgaaaugg.....   | 4   | 1 | s09 |
| ..... aacaugaagaucucgaaCuugg.....  | 1   | 1 | s09 |
| ..... aacaugaagaucucgaaauggA.....  | 102 | 1 | s09 |
| ..... aacaugaagCucucgaaaugg.....   | 2   | 1 | s09 |
| ..... aacaugaagUucucgaaaugg.....   | 1   | 1 | s09 |
| ..... aacaugaUGaucucgaaaugg.....   | 1   | 1 | s09 |
| ..... aacaugaagaucucgaaaugg.....   | 878 | 0 | s09 |
| ..... aacaugaagaucucgaaauggC.....  | 9   | 1 | s09 |
| ..... aacaugaagaucucgaaauggA.....  | 1   | 1 | s09 |
| ..... aGcaugaagaucucgaaaugg.....   | 33  | 1 | s09 |
| ..... aacaGgaagaucucgaaaugg.....   | 1   | 1 | s09 |
| ..... aacUugaagaucucgaaaugg.....   | 5   | 1 | s09 |
| ..... aacaugaagaucucgaaauggU.....  | 41  | 1 | s09 |
| ..... aacaugaagaucucgUaaugg.....   | 2   | 1 | s09 |
| ..... aacaugaagaucucCaaaugg.....   | 1   | 1 | s09 |
| ..... aacaugaagaucucgaaaCugg.....  | 1   | 1 | s09 |
| ..... aacaugaagaucucCgaaaugg.....  | 4   | 1 | s09 |
| ..... aacaugaagaCcuucgaaaugg.....  | 1   | 1 | s09 |
| ..... aacaugaagaucucgaaauggg.....  | 2   | 1 | s09 |
| ..... aacaugaagaucucgaaaugggg.....   | 673 | 0 | s09 |
| ..... aacaugaagaucucgaaaugggA.....   | 144 | 1 | s09 |
| ..... aacaugaagaucucgaaGuuggg.....   | 1   | 1 | s09 |
| ..... aacaugaagaucucGcgaaauggg.....  | 1   | 1 | s09 |
| ..... aacaugGagaucucgaaauggg.....  | 4   | 1 | s09 |
| ..... aacaugaagaucucgaaaugggg.....   | 1   | 1 | s09 |
| ..... aacaugaaCaucucgaaauggg.....  | 1   | 1 | s09 |
| ..... aacaugaagaucucgaaGuuggg.....   | 1   | 1 | s09 |
| ..... aacaugaagaucucgaaauggCg.....   | 1   | 1 | s09 |
| ..... aacaugaagaucucgaaauggAg.....   | 3   | 1 | s09 |
| ..... aacaugaagaucucgUaauggg.....  | 2   | 1 | s09 |
| ..... aaUaugaagaucucgaaauggg.....  | 1   | 1 | s09 |
| ..... aacaugaagaucucgGaauggg.....  | 4   | 1 | s09 |
| ..... aacaugaGgaucucgaaauggg.....  | 6   | 1 | s09 |
| ..... aacUugaagaucucgaaauggg.....  | 3   | 1 | s09 |
| ..... aacaugaagaucucgaaaugggg.....   | 2   | 1 | s09 |
| ..... aGcaugaagaucucgaaauggg.....  | 25  | 1 | s09 |
| ..... aacaugaagaucucgaaauggg.....  | 2   | 1 | s09 |
| ..... aacaugaagaucucgaaauggUg.....   | 2   | 1 | s09 |
| ..... aacaugaagaCcuucgaaauggg.....   | 2   | 1 | s09 |
| ..... aacGugaagaucucgaaauggg.....  | 7   | 1 | s09 |
| ..... aacaugaagaucuaCgaaauggg.....   | 2   | 1 | s09 |
| ..... aacaugaagaucuuGgaaauggg.....   | 1   | 1 | s09 |
| ..... aUcaugaagaucucgaaauggg.....  | 2   | 1 | s09 |
| ..... aacaugaagaucucCaaauggg.....  | 1   | 1 | s09 |
| ..... Ucaugaagaucucgaaauggg.....   | 1   | 1 | s09 |

## Star

## Mature

|                          |                                    |                |                 |           |                    |  |     |  |
|--------------------------|------------------------------------|----------------|-----------------|-----------|--------------------|--|-----|--|
| auggguuagguaugucugcgaggc | caguugaugaaacuccucguccugacgaguccuc | aaaauggcugc    | aacauagaagauucg | gaaauuggg | caaguuuacacaucugua |  |     |  |
| .....                    | .aacauagaagauucg                   | gaaauuggU      | .....           | 23        | 1                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | Gaaauugggc     | .....           | 1         | 1                  |  | s09 |  |
| .....                    | .aacGugaagauucg                    | gaaauugggc     | .....           | 3         | 1                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | gaaauugggU     | .....           | 25        | 1                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | gaaauugggc     | .....           | 8         | 0                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | Caaauugggc     | .....           | 1         | 1                  |  | s09 |  |
| .....                    | .aacauagaagCcuucg                  | gaaauugggc     | .....           | 1         | 1                  |  | s09 |  |
| .....                    | .aacGugaagauucg                    | gaaauugggc     | .....           | 2         | 1                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | gaaauugggc     | .....           | 1         | 1                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | gaaauugggc     | .....           | 58        | 0                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | gaaCuugggc     | .....           | 1         | 1                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | gaaauugggcU    | .....           | 11        | 1                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | gaaauugggGa    | .....           | 24        | 1                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | gaaauugggAca   | .....           | 3         | 1                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | gaaauCgggc     | .....           | 1         | 1                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | gaaaGugggc     | .....           | 1         | 1                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | gaaauugggcC    | .....           | 4         | 1                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | Gaaauugggc     | .....           | 1         | 1                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | gaaauugggcCa   | .....           | 4         | 1                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | gaaauugggcUa   | .....           | 1         | 1                  |  | s09 |  |
| .....                    | .aGcaugaagauucg                    | gaaauugggc     | aa              | 1         | 1                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | gaaauugggc     | aa              | 7         | 0                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | gaaauugggAcaa  | .....           | 1         | 1                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | gaaauugggGaa   | .....           | 1         | 1                  |  | s09 |  |
| .....                    | .aacGugaagauucg                    | gaaauugggc     | aa              | 3         | 1                  |  | s09 |  |
| .....                    | .Gacaugaagauucg                    | gaaauugggc     | aa              | 1         | 1                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | gaaauugggcGg   | .....           | 3         | 1                  |  | s09 |  |
| .....                    | .aacauGgagauucg                    | gaaauugggc     | aa              | 2         | 1                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | gaaauugggc     | aa              | 87        | 0                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | Gaaauugggc     | aa              | 6         | 1                  |  | s09 |  |
| .....                    | .aacauGcgaucucg                    | gaaauugggc     | aa              | 1         | 1                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | Gaaauugggc     | aa              | 1         | 1                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | gaaauugggcUag  | .....           | 4         | 1                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | Ccgaauuugggc   | aa              | 1         | 1                  |  | s09 |  |
| .....                    | .aGcaugaagauucg                    | gaaauugggc     | aa              | 2         | 1                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | gaaauugggc     | aaA             | 7         | 1                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | gaaauugAgc     | aa              | 1         | 1                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | gaaauugUgc     | aa              | 1         | 1                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | gaaauugggc     | aa              | 25        | 1                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | gaaauCgggc     | aa              | 15        | 1                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | Gaaauugggc     | aa              | 3         | 1                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | gaaauugggcUagu | .....           | 1         | 1                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | Gaaauugggc     | aa              | 11        | 1                  |  | s09 |  |
| .....                    | .aacauagaagCcuucg                  | gaaauugggc     | aa              | 3         | 1                  |  | s09 |  |
| .....                    | .aacauGfagauucg                    | gaaauugggc     | aa              | 1         | 1                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | Gcgaauuugggc   | aa              | 1         | 1                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | gaaauugggc     | aa              | 145       | 0                  |  | s09 |  |
| .....                    | .aGcaugaagauucg                    | gaaauugggc     | aa              | 4         | 1                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | Ccgaauuugggc   | aa              | 3         | 1                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | gaaauugggcGagu | .....           | 4         | 1                  |  | s09 |  |
| .....                    | .Gacaugaagauucg                    | gaaauugggc     | aa              | 1         | 1                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | gaaauugggc     | aa              | 1         | 1                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | gaaauugggAca   | aa              | 5         | 1                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | gaaauugggcGgu  | .....           | 1         | 1                  |  | s09 |  |
| .....                    | .Uacaugaagauucg                    | gaaauugggc     | aa              | 1         | 1                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | Acgaaauugggc   | aa              | 1         | 1                  |  | s09 |  |
| .....                    | .aacauGgagauucg                    | gaaauugggc     | aa              | 1         | 1                  |  | s09 |  |
| .....                    | .aacGugaagauucg                    | gaaauugggc     | aa              | 4         | 1                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | gaaGuugggc     | aa              | 1         | 1                  |  | s09 |  |
| .....                    | .aacGugaagauucg                    | gaaauugggc     | aa              | 1         | 1                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | gaaauugggc     | aa              | 1         | 0                  |  | s09 |  |
| .....                    | .aacauagaagauucg                   | Ccgaauuugggc   | aa              | 1         | 1                  |  | s09 |  |
| .....                    | .acaugaagauucg                     | gaaau          | .....           | 2         | 0                  |  | s09 |  |
| .....                    | .acaugaagauucg                     | gaaauugg       | .....           | 1         | 0                  |  | s09 |  |
| .....                    | .acaugaagauucg                     | gaaauuggg      | .....           | 1         | 0                  |  | s09 |  |
| .....                    | .caugaagauucg                      | gaaauuggg      | .....           | 1         | 0                  |  | s09 |  |
| .....                    | .caugaagauucg                      | gaaauugggU     | .....           | 1         | 1                  |  | s09 |  |
| .....                    | .augaagaagauucg                    | gaaauugg       | .....           | 1         | 0                  |  | s09 |  |
| .....                    | .augaagaagauucg                    | Uaaauuggg      | .....           | 1         | 1                  |  | s09 |  |
| .....                    | .augaagaagauucg                    | gaaauuggg      | .....           | 3         | 0                  |  | s09 |  |

## Star

## Mature

|                           |  |   |                    |   |  |     |
|---------------------------|--|---|--------------------|---|--|-----|
| augguguuagguaugucugcgaggc | caguugaugaaaacuccucguccugacgaguccucaaaaugggc | caacaugaagaucuucgaaaauuggg                | caaguuuacacaucugua |   |  |     |
| .....                     | .....  | .augaagaucuucgaaaauuggU.....              | 1                  | 1 |  | s09 |
| .....                     | .....  | .....ugaagaucuucgaaaauug.....             | 1                  | 0 |  | s09 |
| .....                     | .....  | .....ugaagaucuucgaUauugg.....             | 1                  | 1 |  | s09 |
| .....                     | .....  | .....ugaagaucuucgaGauugg.....             | 1                  | 1 |  | s09 |
| .....                     | .....  | .....ugaGgaucuucaaaaugg.....              | 1                  | 1 |  | s09 |
| .....                     | .....  | .....ugUgaucuucaaaaugg.....               | 1                  | 1 |  | s09 |
| .....                     | .....  | .....ugaagaucuucgaaaauugg.....            | 20                 | 0 |  | s09 |
| .....                     | .....  | .....ugaagaucuCcgaauugg.....              | 1                  | 1 |  | s09 |
| .....                     | .....  | .....ugaagaucuucgaaaauuggg.....           | 55                 | 0 |  | s09 |
| .....                     | .....  | .....ugaagaucuucgaaaCuggg.....            | 1                  | 1 |  | s09 |
| .....                     | .....  | .....ugaagaucuucgGaaauuggg.....           | 1                  | 1 |  | s09 |
| .....                     | .....  | .....ugaagaucuucgaaGuuggg.....            | 3                  | 1 |  | s09 |
| .....                     | .....  | .....ugaagaucuucgaaaauuggA.....           | 6                  | 1 |  | s09 |
| .....                     | .....  | .....ugaagaucuucgaGauuggg.....            | 2                  | 1 |  | s09 |
| .....                     | .....  | .....ugaGgaucuucaaaaauuggg.....           | 9                  | 1 |  | s09 |
| .....                     | .....  | .....ugGgaucuucaaaaauuggg.....            | 5                  | 1 |  | s09 |
| .....                     | .....  | .....ugaagaucuucgaaaauugggcaag.....       | 1                  | 0 |  | s09 |
| .....                     | .....  | .....gaagaucuucgaaaauugg.....             | 1                  | 0 |  | s09 |
| .....                     | .....  | .....aagaucuucgaaaauugggcG.....           | 2                  | 1 |  | s09 |
| .....                     | .....  | .....agaucuucgaaaauugggcaagu.....         | 2                  | 0 |  | s09 |
| .....                     | .....  | .....gaucuucaaaaauugggcaaguuuacaca.....   | 2                  | 0 |  | s09 |
| .....                     | .....  | .....uucgaaaauugggcaaguuuac.....          | 1                  | 0 |  | s09 |
| .....                     | .....  | .....uucgaaaauugggcaaguuuaca.....         | 1                  | 0 |  | s09 |
| .....                     | .....  | .....gGaaauugggcaaguuuacaca.....          | 2                  | 1 |  | s09 |
| .....                     | .....  | .....                                     |                    |   |  |     |
| .....                     | .....  | .....caguugaugaaaacuccucguccugacga.....   | 2                  | 0 |  | s04 |
| .....                     | .....  | .....caguugaugaaaacuccucguccugacgUgu..... | 1                  | 1 |  | s04 |
| .....                     | .....  | .....caguugaugaaaacuccucguccugacgagu..... | 1                  | 0 |  | s04 |
| .....                     | .....  | .....aacaugaagaucuucgaaaauugg.....        | 3                  | 0 |  | s04 |
| .....                     | .....  | .....aacaugaagaucuucgaaCuugg.....         | 1                  | 1 |  | s04 |
| .....                     | .....  | .....aacaugaagaucuucgaaaauuggU.....       | 2                  | 1 |  | s04 |
| .....                     | .....  | .....aacaugaagaucuucgaaaauuggg.....       | 5                  | 0 |  | s04 |
| .....                     | .....  | .....aacaugaagaucuucgaaaauugAgca.....     | 1                  | 1 |  | s04 |
| .....                     | .....  | .....aacaugaagaucuucgaaaauugggca.....     | 1                  | 0 |  | s04 |
| .....                     | .....  | .....                                     |                    |   |  |     |
| augguguuagguaugucugU..... | .....  | .....                                     | 1                  | 1 |  | s08 |
| augguguuagguaugucugc..... | .....  | .....                                     | 1                  | 0 |  | s08 |
| .....                     | .....  | .....ccaguugaugaaaacuccuA.....            | 1                  | 1 |  | s08 |
| .....                     | .....  | .....caguugaugaaaacuccucgucc.....         | 4                  | 0 |  | s08 |
| .....                     | .....  | .....caguugaugaaaacUcucgucc.....          | 1                  | 1 |  | s08 |
| .....                     | .....  | .....caguugGugaaaacuccucgucc.....         | 1                  | 1 |  | s08 |
| .....                     | .....  | .....caguugaugaaaacUcucgucc.....          | 1                  | 1 |  | s08 |
| .....                     | .....  | .....caguugaugaaaacuccucguccu.....        | 1                  | 0 |  | s08 |
| .....                     | .....  | .....caguugaugaaaacuccucguccugacU.....    | 1                  | 1 |  | s08 |
| .....                     | .....  | .....caguugaugaaaacuccucguccugacg.....    | 4                  | 0 |  | s08 |
| .....                     | .....  | .....caguugaugaaaacuccucguccugacgU.....   | 3                  | 1 |  | s08 |
| .....                     | .....  | .....caguugaugaaaacuccucguccugacga.....   | 1                  | 0 |  | s08 |
| .....                     | .....  | .....caguugaugaaaacuccucguccugacgaU.....  | 1                  | 1 |  | s08 |
| .....                     | .....  | .....caguugaugaaaacuccuAguccugacgag.....  | 1                  | 1 |  | s08 |
| .....                     | .....  | .....caguugaugaaaacuccucguccugacgUgu..... | 1                  | 1 |  | s08 |
| .....                     | .....  | .....caguugaugaaaacuccuAguccugacgagu..... | 6                  | 1 |  | s08 |
| .....                     | .....  | .....caguugaugaaaacuccucguccugacgagC..... | 2                  | 1 |  | s08 |
| .....                     | .....  | .....caguugaugaaaacuccucguccugacgaUu..... | 3                  | 1 |  | s08 |
| .....                     | .....  | .....cagCugaugaaaacuccucguccugacgagu..... | 2                  | 1 |  | s08 |
| .....                     | .....  | .....caguugaugaaaacuccucguccugacgagu..... | 1                  | 0 |  | s08 |
| .....                     | .....  | .....aguugaugaaaacuccucguccug.....        | 1                  | 0 |  | s08 |
| .....                     | .....  | .....guugaugGaacuccucgucc.....            | 1                  | 1 |  | s08 |
| .....                     | .....  | .....uugaugaaaacuccucguA.....             | 1                  | 1 |  | s08 |
| .....                     | .....  | .....ugaaaacuccucguccugacg.....           | 2                  | 0 |  | s08 |
| .....                     | .....  | .....ugaaaacuccucguccugacC.....           | 1                  | 1 |  | s08 |
| .....                     | .....  | .....aacaGgaagaucuucgaa.....              | 2                  | 1 |  | s08 |
| .....                     | .....  | .....aacaugaagaucuucgaaa.....             | 7                  | 0 |  | s08 |
| .....                     | .....  | .....aacaugGagaucuucgaaa.....             | 1                  | 1 |  | s08 |
| .....                     | .....  | .....aacaugaagaucuucgaaa.....             | 40                 | 0 |  | s08 |
| .....                     | .....  | .....aacaugaGgaucuucaaaa.....             | 1                  | 1 |  | s08 |
| .....                     | .....  | .....aacaugaagaucuucgaaa.....             | 23                 | 0 |  | s08 |
| .....                     | .....  | .....aacaugaagaucuucgaaGuu.....           | 1                  | 1 |  | s08 |
| .....                     | .....  | .....aacaugaagaucuucgaaaauug.....         | 23                 | 0 |  | s08 |
| .....                     | .....  | .....aacaugaagaucuucgaaaauA.....          | 1                  | 1 |  | s08 |
| .....                     | .....  | .....aacaugaagaucAucgaaaauugg.....        | 1                  | 1 |  | s08 |

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|                                       |      |   |     |
|---------------------------------------|------|---|-----|
| .....aacGugaagaucuuaggcauuuagg.....   | 4    | 1 | s08 |
| .....aacaugGagaucuuaggcauuuagg.....   | 1    | 1 | s08 |
| .....aacaugaagaucuuaggcauuuagg.....   | 1    | 1 | s08 |
| .....Uacaugaagaucuuaggcauuuagg.....   | 5    | 1 | s08 |
| .....aacaugaagaCcuuaggcauuuagg.....   | 4    | 1 | s08 |
| .....aacaugaagaucuuaggcauuuagg.....   | 1035 | 0 | s08 |
| .....aGcaugaagaucuuaggcauuuagg.....   | 1    | 1 | s08 |
| .....aacUugaagaucuuaggcauuuagg.....   | 4    | 1 | s08 |
| .....aacaugaagaucuuaggcauuuagg.....   | 3    | 1 | s08 |
| .....aacaugaUgaucuuaggcauuuagg.....   | 2    | 1 | s08 |
| .....aacaugaGgaucuuaggcauuuagg.....   | 7    | 1 | s08 |
| .....aacaugaagaucuuaggcauuuagg.....   | 2    | 1 | s08 |
| .....aacCugaagaucuuaggcauuuagg.....   | 1    | 1 | s08 |
| .....aacaugaagaucuuaggcauuuaggA.....  | 165  | 1 | s08 |
| .....aacaugaagaucuuaggcauuuagg.....   | 3    | 1 | s08 |
| .....aacaugaagaucuuaggcauuuagg.....   | 8    | 1 | s08 |
| .....aacaugaagaucuuaggcauuuaggC.....  | 13   | 1 | s08 |
| .....aacaugaagaucuuaggcauuuagg.....   | 1    | 1 | s08 |
| .....aacaugaagaucuuaggcauuuagg.....   | 2    | 1 | s08 |
| .....aacaugaagaucuuaggcauuuagg.....   | 3    | 1 | s08 |
| .....aaUaugaagaucuuaggcauuuagg.....   | 2    | 1 | s08 |
| .....aacaugaagaucuuaggcauuuaggU.....  | 79   | 1 | s08 |
| .....aCcaugaagaucuuaggcauuuagg.....   | 1    | 1 | s08 |
| .....Cacaugaagaucuuaggcauuuagg.....   | 4    | 1 | s08 |
| .....aacaugaagaucuuaggcauuuagg.....   | 1    | 1 | s08 |
| .....Cacaugaagaucuuaggcauuuagg.....   | 5    | 1 | s08 |
| .....aacaugaagaucuuaggcauuuagg.....   | 3    | 1 | s08 |
| .....aacaugaagaucuuaggcauuuagg.....   | 7    | 1 | s08 |
| .....aacaugaagaCcuuaggcauuuagg.....   | 1    | 1 | s08 |
| .....aacaGgaagaucuuaggcauuuagg.....   | 2    | 1 | s08 |
| .....aacaugaagaucuuaggcauuuagg.....   | 2    | 1 | s08 |
| .....Uacaugaagaucuuaggcauuuagg.....   | 8    | 1 | s08 |
| .....aacaugaagaCcuuaggcauuuagg.....   | 4    | 1 | s08 |
| .....aacaugaagaucuuaggcauuuaggU.....  | 77   | 1 | s08 |
| .....aacaugaagaucuuaggcauuuagg.....   | 2    | 1 | s08 |
| .....aacaugaagaucuuaggcauuuagg.....   | 1    | 1 | s08 |
| .....aacaugaagaCcuuaggcauuuagg.....   | 1    | 1 | s08 |
| .....aacaugaagCcuuaggcauuuagg.....    | 2    | 1 | s08 |
| .....aGcaugaagaucuuaggcauuuagg.....   | 5    | 1 | s08 |
| .....aacaugaagaucuuaggcauuuagg.....   | 1    | 1 | s08 |
| .....aacaugaagaucuuaggcauuuagg.....   | 1    | 1 | s08 |
| .....aacaUaagaucuuaggcauuuagg.....    | 1    | 1 | s08 |
| .....aacaugaagaucuuaggcauuuagg.....   | 6    | 1 | s08 |
| .....aacGugaagaucuuaggcauuuagg.....   | 2    | 1 | s08 |
| .....aacaugaUgaucuuaggcauuuagg.....   | 1    | 1 | s08 |
| .....aacaugaagaucuuaggcauuuagg.....   | 1    | 1 | s08 |
| .....aacaugaagaucuuaggcauuuagg.....   | 2    | 1 | s08 |
| .....aacaugaagaucuuaggcauuuagg.....   | 2    | 1 | s08 |
| .....aacaugaagaucuuaggcauuuagg.....   | 3    | 1 | s08 |
| .....aacaugCagaucuuaggcauuuagg.....   | 2    | 1 | s08 |
| .....aCcaugaagaucuuaggcauuuagg.....   | 1    | 1 | s08 |
| .....aacaAgaagaucuuaggcauuuagg.....   | 2    | 1 | s08 |
| .....aacaugaagaucuuaggcauuuagg.....   | 2    | 1 | s08 |
| .....aacaugaagaucuuaggcauuuagg.....   | 1163 | 0 | s08 |
| .....aacUugaagaucuuaggcauuuagg.....   | 13   | 1 | s08 |
| .....aacaugaagaucuuaggcauuuagg.....   | 2    | 1 | s08 |
| .....aaAaugaagaucuuaggcauuuagg.....   | 1    | 1 | s08 |
| .....aacaugaGgaucuuaggcauuuagg.....   | 6    | 1 | s08 |
| .....aacaugaagaucuuaggcauuuaggA.....  | 517  | 1 | s08 |
| .....aacaugaagaucuuaggcauuuagg.....   | 1    | 1 | s08 |
| .....aUcaugaagaucuuaggcauuuagg.....   | 4    | 1 | s08 |
| .....aacaugaagaucuuaggcauuuagg.....   | 1    | 1 | s08 |
| .....aacaugGagaucuuaggcauuuagg.....   | 4    | 1 | s08 |
| .....Gacaugaagaucuuaggcauuuagg.....   | 1    | 1 | s08 |
| .....aacUugaagaucuuaggcauuuagg.....   | 1    | 1 | s08 |
| .....aacaugaagaucuuaggcauuuagg.....   | 1    | 1 | s08 |
| .....aacaugaagaucuuaggcauuuagg.....   | 24   | 0 | s08 |
| .....aacaugaagaucuuaggcauuuaggU.....  | 41   | 1 | s08 |
| .....aacaugaagaucuuaggcauuuaggAc..... | 3    | 1 | s08 |



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|                           |   |                          |                     |     |  |  |
|---------------------------|---|--------------------------|---------------------|-----|--|--|
| augguguuagguaugucugcgaggc | caguugaugaaacuccucgucgacgagucccucaaaauggcgugc | aacauagaagauucgaaaugggca | gcaaguuuacacaucugua |     |  |  |
| .....                     | .aacauagaagauucgaaaugggc                      | 2                        | 1                   | s08 |  |  |
| .....                     | .aacauagaagauucgaaaugggcU                     | 1                        | 1                   | s08 |  |  |
| .....                     | .aacauagaagauucgaaaugggca                     | 44                       | 0                   | s08 |  |  |
| .....                     | .Uacauagaagauucgaaaugggca                     | 1                        | 1                   | s08 |  |  |
| .....                     | .Gacauagaagauucgaaaugggca                     | 1                        | 1                   | s08 |  |  |
| .....                     | .aacauagaagauucgaaaugggcG                     | 3                        | 1                   | s08 |  |  |
| .....                     | .aacauagaagauucgaaaugggAca                    | 16                       | 1                   | s08 |  |  |
| .....                     | .aacauagaagauucgaaaugggGa                     | 35                       | 1                   | s08 |  |  |
| .....                     | .aacauagaagauucgaaaugggUa                     | 12                       | 1                   | s08 |  |  |
| .....                     | .aacauagaagauucgaaGuugggca                    | 1                        | 1                   | s08 |  |  |
| .....                     | .Cacauagaagauucgaaaugggcaa                    | 2                        | 1                   | s08 |  |  |
| .....                     | .aacauagaagauucgaaaugggUaa                    | 2                        | 1                   | s08 |  |  |
| .....                     | .aacauagaagauucgaaaugggcaa                    | 8                        | 0                   | s08 |  |  |
| .....                     | .aacauagaagauucgaaaugggAcaa                   | 4                        | 1                   | s08 |  |  |
| .....                     | .aacauagaagauucgaaaugggcUa                    | 1                        | 1                   | s08 |  |  |
| .....                     | .aacauagaagauucgaaaugggcaU                    | 1                        | 1                   | s08 |  |  |
| .....                     | .aacauagaagauucgaaaugggAgcaag                 | 1                        | 1                   | s08 |  |  |
| .....                     | .aacauagaagauucgaaCuugggcaag                  | 1                        | 1                   | s08 |  |  |
| .....                     | .aacauagaagauucgaaaugggcaag                   | 6                        | 1                   | s08 |  |  |
| .....                     | .aacauagaagauucgaaaugggcaag                   | 1                        | 1                   | s08 |  |  |
| .....                     | .aacauagaagauucgaaaugggcaUg                   | 1                        | 1                   | s08 |  |  |
| .....                     | .aacauagaagauucgaaaugggUaag                   | 22                       | 1                   | s08 |  |  |
| .....                     | .aacauagaagauucgaaaugggcaag                   | 76                       | 0                   | s08 |  |  |
| .....                     | .aacauagaagauucgaaaugggcaaA                   | 5                        | 1                   | s08 |  |  |
| .....                     | .aacauagaagauucgaaaugggcaaC                   | 1                        | 1                   | s08 |  |  |
| .....                     | .Gacauagaagauucgaaaugggcaagu                  | 1                        | 1                   | s08 |  |  |
| .....                     | .Cacauagaagauucgaaaugggcaagu                  | 1                        | 1                   | s08 |  |  |
| .....                     | .aacauagaagauucgaaaugggcaagC                  | 10                       | 1                   | s08 |  |  |
| .....                     | .aacauagaagauucgaaaugggcaagu                  | 80                       | 0                   | s08 |  |  |
| .....                     | .aacauagaagauucgaaaugggcaagu                  | 5                        | 1                   | s08 |  |  |
| .....                     | .aacUugaagauucgaaaugggcaagu                   | 1                        | 1                   | s08 |  |  |
| .....                     | .aacauagaagauucgaaaugggcaagG                  | 2                        | 1                   | s08 |  |  |
| .....                     | .aacGugaagauucgaaaugggcaagu                   | 2                        | 1                   | s08 |  |  |
| .....                     | .Uacauagaagauucgaaaugggcaagu                  | 1                        | 1                   | s08 |  |  |
| .....                     | .aacauagaagauucgaaaugggGgagu                  | 1                        | 1                   | s08 |  |  |
| .....                     | .aGcaugaagauucgaaaugggcaagu                   | 1                        | 1                   | s08 |  |  |
| .....                     | .aacauaUGaauucgaaaugggcaagu                   | 3                        | 1                   | s08 |  |  |
| .....                     | .aacauaGgaauucgaaaugggcaagu                   | 1                        | 1                   | s08 |  |  |
| .....                     | .aacauagaagauucgaaaugggUaagu                  | 9                        | 1                   | s08 |  |  |
| .....                     | .aacauaGgaauucgaaaugggcaagu                   | 1                        | 1                   | s08 |  |  |
| .....                     | .aacauagaagauucgaaauggAgcaaguu                | 8                        | 1                   | s08 |  |  |
| .....                     | .Gacauagaagauucgaaaugggcaaguu                 | 1                        | 1                   | s08 |  |  |
| .....                     | .aacauagaagauucgaaGuugggcaaguu                | 3                        | 1                   | s08 |  |  |
| .....                     | .aacauagaagauucgaaaugggcaaguu                 | 31                       | 0                   | s08 |  |  |
| .....                     | .acaugaagauucgaaaugg                          | 1                        | 0                   | s08 |  |  |
| .....                     | .acaugaagauucgaaauggA                         | 1                        | 1                   | s08 |  |  |
| .....                     | .acaugaagauucgaaauggg                         | 2                        | 0                   | s08 |  |  |
| .....                     | .acaugaagauucgaaauggA                         | 1                        | 1                   | s08 |  |  |
| .....                     | .caugaagauucgaaauggg                          | 3                        | 0                   | s08 |  |  |
| .....                     | .caugaagauucgaaauggA                          | 1                        | 1                   | s08 |  |  |
| .....                     | .caugaagauucgaaaugggcaag                      | 1                        | 0                   | s08 |  |  |
| .....                     | .caugaagauucgaaaugggcaagu                     | 3                        | 0                   | s08 |  |  |
| .....                     | .augGagauucgaaauu                             | 1                        | 1                   | s08 |  |  |
| .....                     | .augaagauucgaaaugg                            | 1                        | 0                   | s08 |  |  |
| .....                     | .ugaagauucgaaauggU                            | 2                        | 1                   | s08 |  |  |
| .....                     | .ugaagauucgaaauggA                            | 1                        | 1                   | s08 |  |  |
| .....                     | .ugaagauucgaaaugg                             | 4                        | 0                   | s08 |  |  |
| .....                     | .ugaagauucgaGauuggg                           | 2                        | 1                   | s08 |  |  |
| .....                     | .ugGagauucgaaauggg                            | 8                        | 1                   | s08 |  |  |
| .....                     | .ugaGgaauucgaaauggg                           | 6                        | 1                   | s08 |  |  |
| .....                     | .ugaagauucgaaauggA                            | 7                        | 1                   | s08 |  |  |
| .....                     | .ugaagauucgaaGuuggg                           | 1                        | 1                   | s08 |  |  |
| .....                     | .ugaagauucgaaauggg                            | 29                       | 0                   | s08 |  |  |
| .....                     | .gaagauucgaaaugggcaaguu                       | 1                        | 1                   | s08 |  |  |
| .....                     | .gaagauucgaaaugggcaaguua                      | 1                        | 0                   | s08 |  |  |
| .....                     | .aagauucgaaaugggcU                            | 1                        | 1                   | s08 |  |  |
| .....                     | .aagauucgaaaugggcaaguua                       | 1                        | 0                   | s08 |  |  |
| .....                     | .agauucgaaaugggc                              | 1                        | 1                   | s08 |  |  |
| .....                     | .gaucugaaaugggcaaguua                         | 1                        | 0                   | s08 |  |  |
| .....                     | .aucuucgaaaugggcaaguua                        | 1                        | 0                   | s08 |  |  |

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|  |     |   |     |
|--|-----|---|-----|
| .....ucgaaauCgggcaaguuuaca.....        | 1   | 1 | s08 |
| .....auugggcaaguuuacaca.....           | 1   | 0 | s08 |
| .....cgaggccaguuugaagaaacA.....        | 1   | 1 | s16 |
| .....caguugaagaaacuccucgucc.....       | 2   | 0 | s16 |
| .....caguugaagaaacucAucguccugacg.....  | 1   | 1 | s16 |
| .....caguugaagaaacuccucgucgacg.....    | 2   | 0 | s16 |
| .....caguugGugaaacuccucgucgacg.....    | 1   | 1 | s16 |
| .....caguugaagaaacuccucgucgacgagu..... | 2   | 0 | s16 |
| .....caguugaagaaacuccucgucgacgagC..... | 2   | 1 | s16 |
| .....caguugaagaaacuccucgucgacUagu..... | 1   | 1 | s16 |
| .....caguugaagaaacuccucgucgacgaUu..... | 2   | 1 | s16 |
| .....aguugaagaaacuccucgucgacga.....    | 1   | 0 | s16 |
| .....cugacgaguccucaaauag.....          | 2   | 0 | s16 |
| .....aauggcugcaUcaugaagauucgaaaau..... | 2   | 1 | s16 |
| .....gcaacaugaagauucgaaaauU.....       | 1   | 1 | s16 |
| .....gcaacaugaagauucgaaaauugg.....     | 1   | 0 | s16 |
| .....aacaugaagauucgaaa.....            | 2   | 0 | s16 |
| .....aacaugaagauucgaaa.....            | 17  | 0 | s16 |
| .....aacaugaagauucgaaaC.....           | 1   | 1 | s16 |
| .....aacaugaagauucgaaaau.....          | 13  | 0 | s16 |
| .....aUcaugaagauucgaaaau.....          | 1   | 1 | s16 |
| .....aacaugaagauucgaaaauug.....        | 10  | 0 | s16 |
| .....aacaugaagauucgUaaauugg.....       | 1   | 1 | s16 |
| .....aacaugaagaCcuucgaaaauugg.....     | 2   | 1 | s16 |
| .....aacaugaagauucgaaCuugg.....        | 1   | 1 | s16 |
| .....aacaugaagauucgaaaCuugg.....       | 1   | 1 | s16 |
| .....aacaugaagauucgaaaUagg.....        | 1   | 1 | s16 |
| .....aacaugaagauucgCaauugg.....        | 1   | 1 | s16 |
| .....aacaugUgaucucgaaaauugg.....       | 1   | 1 | s16 |
| .....aacGugaagauucgaaaauugg.....       | 2   | 1 | s16 |
| .....Uacaugaagauucgaaaauugg.....       | 2   | 1 | s16 |
| .....aGcaugaagauucgaaaauugg.....       | 2   | 1 | s16 |
| .....aacaugaagauucAcgaaaauugg.....     | 1   | 1 | s16 |
| .....Cacaugaagauucgaaaauugg.....       | 1   | 1 | s16 |
| .....aacaugaagauucgGaaauugg.....       | 3   | 1 | s16 |
| .....aacaugaagauucgaaaauugg.....       | 647 | 0 | s16 |
| .....aacaugaagauucgaaGauugg.....       | 6   | 1 | s16 |
| .....aacaGaaagauucgaaaauugg.....       | 1   | 1 | s16 |
| .....aacaugGagaucucgaaaauugg.....      | 7   | 1 | s16 |
| .....aacaugaagauucCgaaaauugg.....      | 1   | 1 | s16 |
| .....aacUugaagauucgaaaauugg.....       | 3   | 1 | s16 |
| .....aacaugaagauucgaaaauugU.....       | 49  | 1 | s16 |
| .....aacaugaagauucgaaaauugA.....       | 108 | 1 | s16 |
| .....aacaugaagauucgaaaauAg.....        | 1   | 1 | s16 |
| .....aacaugaagauucgaaaauugC.....       | 7   | 1 | s16 |
| .....aacaugaagauucgGauugg.....         | 3   | 1 | s16 |
| .....aacaugaGgaucucgaaaauugg.....      | 4   | 1 | s16 |
| .....aaAaugaagauucgaaaauuggg.....      | 1   | 1 | s16 |
| .....aacaGgaagauucgaaaauuggg.....      | 1   | 1 | s16 |
| .....aacaugaagauucgaaaauuggg.....      | 834 | 0 | s16 |
| .....aacaugaagauucgGauuggg.....        | 3   | 1 | s16 |
| .....aacaugaagauucgaaaauuggU.....      | 63  | 1 | s16 |
| .....aacaugaagauucgaaaauuggA.....      | 193 | 1 | s16 |
| .....aacaugaagauucgaaaauuggg.....      | 2   | 1 | s16 |
| .....aacaugaUgaucucgaaaauuggg.....     | 1   | 1 | s16 |
| .....aacGugaagauucgaaaauuggg.....      | 3   | 1 | s16 |
| .....aacaugaagauucgaaaauAgg.....       | 1   | 1 | s16 |
| .....aacaugaagaGcuucgaaaauuggg.....    | 1   | 1 | s16 |
| .....aacaugaGgaucucgaaaauuggg.....     | 5   | 1 | s16 |
| .....aGcaugaagauucgaaaauuggg.....      | 7   | 1 | s16 |
| .....aacaugaagaCcuucgaaaauuggg.....    | 2   | 1 | s16 |
| .....Cacaugaagauucgaaaauuggg.....      | 2   | 1 | s16 |
| .....aacaugaagauucgUaaauuggg.....      | 1   | 1 | s16 |
| .....aacaugaagauucGaaaauuggg.....      | 1   | 1 | s16 |
| .....aacaugaagauucGcgaauuggg.....      | 1   | 1 | s16 |
| .....aacaugaagauucgaaaUGggg.....       | 1   | 1 | s16 |
| .....aUcaugaagauucgaaaauuggg.....      | 1   | 1 | s16 |
| .....aacaugGagaucucgaaaauuggg.....     | 2   | 1 | s16 |
| .....aacUugaagauucgaaaauuggg.....      | 8   | 1 | s16 |

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|   |     |   |     |
|---|-----|---|-----|
| .....aacaugaagaucuuucgGaaauuggg.....      | 3   | 1 | s16 |
| .....aacaugaagaucuuGcgaaauugggc.....      | 1   | 1 | s16 |
| .....aacaugaagaucuuucgaaauugggU.....      | 25  | 1 | s16 |
| .....Gacaugaagaucuuucgaaauugggc.....      | 1   | 1 | s16 |
| .....aUcaugaagaucuuucgaaauugggc.....      | 1   | 1 | s16 |
| .....aacaugaagaucuuucgaaauugggc.....      | 10  | 0 | s16 |
| .....aacaugaagaucuuucgaaauuggAc.....      | 1   | 1 | s16 |
| .....aacaugaagaucuuucgaaauCgggc.....      | 1   | 1 | s16 |
| .....aacaugaagaucuuucgaaauugggGa.....     | 44  | 1 | s16 |
| .....aacaugaagaucuuucgaaauugggC.....      | 1   | 1 | s16 |
| .....aacUugaagaucuuucgaaauugggca.....     | 1   | 1 | s16 |
| .....aacaugaagaucuuucGaaauugggca.....     | 2   | 1 | s16 |
| .....aacaugaagaucuuucgaaauugggU.....      | 8   | 1 | s16 |
| .....aGcaugaagaucuuucgaaauugggca.....     | 4   | 1 | s16 |
| .....aacaugaagaucuuucgaaauCgggca.....     | 9   | 1 | s16 |
| .....aacaugaagaCcuucgaaauugggca.....      | 1   | 1 | s16 |
| .....aacaugaagaucuuucgaaauugggca.....     | 89  | 0 | s16 |
| .....aacaugaagaucuuucgaaauugggC.....      | 2   | 1 | s16 |
| .....aacaugaagaucuuucgaaauugggCga.....    | 4   | 1 | s16 |
| .....aacaugaagaucuuucgaaauugggCgag.....   | 2   | 1 | s16 |
| .....aacaugaagaucuuucGaaauugggcaag.....   | 1   | 1 | s16 |
| .....aacaugaagaucuuucgaaauugggcaaA.....   | 11  | 1 | s16 |
| .....aacaugaagaucuuucgaaauugggCUag.....   | 1   | 1 | s16 |
| .....aacGugaagaucuuucgaaauugggcaag.....   | 1   | 1 | s16 |
| .....aacaugaagaUGuucgaaauugggcaag.....    | 1   | 1 | s16 |
| .....aacaugaagaucuuucgaaauugggcaag.....   | 85  | 0 | s16 |
| .....aacaugaagaucuuucgaaauugggcaaU.....   | 1   | 1 | s16 |
| .....aacaugaagaucuuucgaaauugggcaGg.....   | 1   | 1 | s16 |
| .....aacaugaagaucuuucgaaauCgggcaag.....   | 14  | 1 | s16 |
| .....aacaugaGgaucuuucgaaauugggcaag.....   | 2   | 1 | s16 |
| .....aacaugaagaucuuucgaaauugggcaaC.....   | 3   | 1 | s16 |
| .....aacaugaagaucuaAcgaaauugggcaag.....   | 1   | 1 | s16 |
| .....aacaugaagaucuuucgaaauugggcaagu.....  | 156 | 0 | s16 |
| .....Uacaugaagaucuuucgaaauugggcaagu.....  | 2   | 1 | s16 |
| .....aacaugaagaucuuucgaaauugggcaagC.....  | 27  | 1 | s16 |
| .....aacaugaagaucuuucgaaauugggcaGgu.....  | 1   | 1 | s16 |
| .....aGcaugaagaucuuucgaaauugggcaagu.....  | 2   | 1 | s16 |
| .....aacaugaagaucuuucGaaauugggcaagu.....  | 2   | 1 | s16 |
| .....aacaugaagaucuuucgaaauCgggcaagu.....  | 36  | 1 | s16 |
| .....Gacaugaagaucuuucgaaauugggcaagu.....  | 3   | 1 | s16 |
| .....aacaugaagaUGuucgaaauugggcaagu.....   | 1   | 1 | s16 |
| .....aacaugGagaucuuucgaaauugggcaagu.....  | 1   | 1 | s16 |
| .....aGcaugaagaucuuucgaaauugggcaaguu..... | 1   | 1 | s16 |
| .....aacaugaagaucuuucgaaauugggcaaguu..... | 5   | 0 | s16 |
| .....aacaugaagaucuuucgaaauCgggcaaguu..... | 1   | 1 | s16 |
| .....acaugaagaucuuucgaaauugggU.....       | 1   | 1 | s16 |
| .....acaugaagaucuuucgaaauugggcaagu.....   | 3   | 0 | s16 |
| .....caugaagaucuuucgaaauCgggc.....        | 1   | 1 | s16 |
| .....augaagaucuuucgaaauugg.....           | 1   | 0 | s16 |
| .....ugaagaucuuucgaaauuggA.....           | 1   | 1 | s16 |
| .....agaucuuucgaaauugggca.....            | 1   | 0 | s16 |