

[illegible]

## Mature

## Star

accugccgcgccccccgggugagguuagggauuaguuagguaggagacaccaaggagaucauauacggccuccuagcuuucccaggcugcggccugcacggg

|                                    |       |   |     |
|------------------------------------|-------|---|-----|
| .....ugagguuagggauuaguuagC.....    | 1     | 1 | hsa |
| .....ugaUguaggagguuaguuaua.....    | 1     | 1 | hsa |
| .....ugagguuagggagguuuguGua.....   | 1     | 1 | hsa |
| .....ugagguuagggagguuuguAa.....    | 8     | 1 | hsa |
| .....ugagguuagggagguuuguCa.....    | 1     | 1 | hsa |
| .....ugagguuagAagguuuguaua.....    | 1     | 1 | hsa |
| .....ugagguuagggagguuuguauU.....   | 47    | 1 | hsa |
| .....ugagguuagggagguuuguauG.....   | 2     | 1 | hsa |
| .....ugagguuagggagguuuguaua.....   | 189   | 0 | hsa |
| .....Agagguuagggagguuuguaua.....   | 1     | 1 | hsa |
| .....uAagguuagggagguuuguaua.....   | 1     | 1 | hsa |
| .....ugagguuaggaUguuuguauag.....   | 2     | 1 | hsa |
| .....ugaggCaggagguuuguauag.....    | 4     | 1 | hsa |
| .....Cgagguuagggagguuuguauag.....  | 1     | 1 | hsa |
| .....ugagguuagggagguuuguauag.....  | 9     | 1 | hsa |
| .....ugagguuagAagguuuguauag.....   | 7     | 1 | hsa |
| .....ugagguuagggaggAuguauag.....   | 1     | 1 | hsa |
| .....uAagguuagggagguuuguauag.....  | 3     | 1 | hsa |
| .....ugagguuagggagguuuguauCg.....  | 2     | 1 | hsa |
| .....ugagguuagggagguuuguauaA.....  | 84    | 1 | hsa |
| .....ugGggguagggagguuuguauag.....  | 2     | 1 | hsa |
| .....ugagguuagCagguuuguauag.....   | 2     | 1 | hsa |
| .....uUagguuagggagguuuguauag.....  | 2     | 1 | hsa |
| .....ugNgguuagggagguuuguauag.....  | 1     | 1 | hsa |
| .....ugaggAaggagguuuguauag.....    | 2     | 1 | hsa |
| .....ugagguuagggagguuugGauag.....  | 1     | 1 | hsa |
| .....ugagguuagggagguuuguUuag.....  | 2     | 1 | hsa |
| .....ugaUguaggagguuuguauag.....    | 1     | 1 | hsa |
| .....ugagguuagggGggguuguauag.....  | 1     | 1 | hsa |
| .....ugagguuagAgagguuuguauag.....  | 1     | 1 | hsa |
| .....ugagguuagggagguuugCauag.....  | 3     | 1 | hsa |
| .....ugagguuagggagguuugAauag.....  | 3     | 1 | hsa |
| .....ugagguuagggagguuuguauag.....  | 3     | 1 | hsa |
| .....ugUggguagggagguuuguauag.....  | 1     | 1 | hsa |
| .....ugagguuagggagguuuguauGg.....  | 2     | 1 | hsa |
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| .....ugagguuagUgagguuuguauag.....  | 3     | 1 | hsa |
| .....ugagguuagggaggGuguauag.....   | 2     | 1 | hsa |
| .....ugagguuaggCggguuguauag.....   | 3     | 1 | hsa |
| .....ugagCuaggagguuuguauag.....    | 1     | 1 | hsa |
| .....ugagguuagggagguuuguGauag..... | 2     | 1 | hsa |
| .....ugagUuaggagguuuguauag.....    | 1     | 1 | hsa |
| .....ugaggGaggagguuuguauag.....    | 2     | 1 | hsa |
| .....ugagguuagNagguuuguauag.....   | 1     | 1 | hsa |
| .....ugagguuagggagguuuguAag.....   | 1     | 1 | hsa |
| .....Ngagguuagggagguuuguauag.....  | 9     | 1 | hsa |
| .....ugagguuagggagguuUuauag.....   | 3     | 1 | hsa |
| .....ugagAuaggagguuuguauagu.....   | 5     | 1 | hsa |
| .....ugagguuagggagguuuguauagG..... | 5     | 1 | hsa |
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| .....ugaUguaggagguuuguauagu.....   | 31    | 1 | hsa |
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| .....ugagguuaggaCguuuguauagu.....  | 4     | 1 | hsa |
| .....ugGggguagggagguuuguauagu..... | 10    | 1 | hsa |
| .....ugCggguagggagguuuguauagu..... | 17    | 1 | hsa |
| .....ugagguuagggaggGuguauagu.....  | 10    | 1 | hsa |
| .....ugagguuagCgagguuuguauagu..... | 6     | 1 | hsa |
| .....ugagguuagggagguuuguauGgu..... | 4     | 1 | hsa |
| .....ugagguuagAgagguuuguauagu..... | 6     | 1 | hsa |
| .....ugagguuagggagguuuguauagA..... | 103   | 1 | hsa |
| .....ugagguuagggagguuugCauagu..... | 13    | 1 | hsa |
| .....ugagguuagggagguuuguauagC..... | 10    | 1 | hsa |
| .....ugagguuagCagguuuguauagu.....  | 46    | 1 | hsa |
| .....Cgagguuagggagguuuguauagu..... | 10    | 1 | hsa |
| .....ugagCuaggagguuuguauagu.....   | 8     | 1 | hsa |
| .....ugaAguaggagguuuguauagu.....   | 3     | 1 | hsa |

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accugccgcgccccccgggucgaggguaggagguuguauaguugaggaggacaccaaggagaucauauacggccuccuagcuuucccaggcugcggccugcacggg

|                                    |     |   |     |
|------------------------------------|-----|---|-----|
| .....ugaggCaggagguuguauagu.....    | 31  | 1 | hsa |
| .....ugaggguaggagUuuuguauagu.....  | 34  | 1 | hsa |
| .....ugagguaUgaggguuguauagu.....   | 9   | 1 | hsa |
| .....ugaggguaggagguuUuuauagu.....  | 15  | 1 | hsa |
| .....ugaggguaggagguuuguCuagu.....  | 10  | 1 | hsa |
| .....ugaggguaggagguCguauagu.....   | 4   | 1 | hsa |
| .....ugaggguaggagguAguauagu.....   | 2   | 1 | hsa |
| .....Agaggguaggagguuguauagu.....   | 9   | 1 | hsa |
| .....uCaggguaggagguuguauagu.....   | 6   | 1 | hsa |
| .....ugaggguaggagguuguNuagu.....   | 1   | 1 | hsa |
| .....ugaggguCggagguuguauagu.....   | 10  | 1 | hsa |
| .....uUaggguaggagguuguauagu.....   | 24  | 1 | hsa |
| .....ugaggguaggagguuguauCgu.....   | 3   | 1 | hsa |
| .....ugaggguaggUggguuguauagu.....  | 4   | 1 | hsa |
| .....ugaggguaggagguuguUuagu.....   | 2   | 1 | hsa |
| .....ugaggguaggagguuguAagu.....    | 6   | 1 | hsa |
| .....ugaggguaggagguuguauUgu.....   | 7   | 1 | hsa |
| .....ugaCguaggagguuguauagu.....    | 6   | 1 | hsa |
| .....ugaggguGggagguuguauagu.....   | 7   | 1 | hsa |
| .....ugaggguaggauUguuguauagu.....  | 21  | 1 | hsa |
| .....uAaggguaggagguuguauagu.....   | 36  | 1 | hsa |
| .....ugaggguagNaggguuguauagu.....  | 2   | 1 | hsa |
| .....ugaggguaggagguuCuauagu.....   | 5   | 1 | hsa |
| .....Ngaggguaggagguuguauagu.....   | 34  | 1 | hsa |
| .....ugaggguaggagguuguauaUu.....   | 32  | 1 | hsa |
| .....ugaggguaggagguuguauagN.....   | 1   | 1 | hsa |
| .....ugaggguagAaggguuguauagu.....  | 69  | 1 | hsa |
| .....ugaggguaggagCuuguauagu.....   | 4   | 1 | hsa |
| .....ugagUuaggagguuguauagu.....    | 10  | 1 | hsa |
| .....ugaggGaggagguuguauagu.....    | 9   | 1 | hsa |
| .....ugaggguaggagguuguauaAu.....   | 6   | 1 | hsa |
| .....ugaggguaggGggguuguauagu.....  | 12  | 1 | hsa |
| .....ugaggAaggagguuguauagu.....    | 17  | 1 | hsa |
| .....ugaggguaggaggCuguauagu.....   | 17  | 1 | hsa |
| .....ugaggguaggagguuguauaCu.....   | 5   | 1 | hsa |
| .....ugaggguaggCggguuguauagu.....  | 12  | 1 | hsa |
| .....Ggaggguaggagguuguauagu.....   | 1   | 1 | hsa |
| .....ugaggguaggaggAuguauagu.....   | 8   | 1 | hsa |
| .....ugaggguagggaAguuguauagu.....  | 3   | 1 | hsa |
| .....ugaggguaggagguugAauagu.....   | 6   | 1 | hsa |
| .....ugaggguaggagguuguGuagu.....   | 7   | 1 | hsa |
| .....ugaggguaggagguuGauagu.....    | 8   | 1 | hsa |
| .....ugaggguaggagguuguCaagu.....   | 4   | 1 | hsa |
| .....ugaggguaggagguuAuauagu.....   | 4   | 1 | hsa |
| .....ugagAuaggagguuguauaguu.....   | 47  | 1 | hsa |
| .....ugaggguUggagguuguauaguu.....  | 14  | 1 | hsa |
| .....ugaggguaggagguuguGuaguu.....  | 89  | 1 | hsa |
| .....ugaggguaggagguuCuauaguu.....  | 53  | 1 | hsa |
| .....ugaggguaggagguuguUuaguu.....  | 50  | 1 | hsa |
| .....ugaggguaggUggguuguauaguu..... | 32  | 1 | hsa |
| .....uUaggguaggagguuguauaguu.....  | 183 | 1 | hsa |
| .....ugaggguCggagguuguauaguu.....  | 109 | 1 | hsa |
| .....ugaggguaggaggGuguauaguu.....  | 75  | 1 | hsa |
| .....ugaggguaggagguuguauagGu.....  | 24  | 1 | hsa |
| .....uCaggguaggagguuguauaguu.....  | 44  | 1 | hsa |
| .....ugaggguaggagguuguauaUuu.....  | 336 | 1 | hsa |
| .....ugaggguaggagguugCauaguu.....  | 113 | 1 | hsa |
| .....ugaggguaggagguAguauaguu.....  | 22  | 1 | hsa |
| .....ugaggCaggagguuguauaguu.....   | 202 | 1 | hsa |
| .....ugaggguaggagguuguauCguu.....  | 74  | 1 | hsa |
| .....ugaggguaggagCuuguauaguu.....  | 38  | 1 | hsa |
| .....ugaggguaggagguugAauaguu.....  | 65  | 1 | hsa |
| .....ugaggguaggagguuguauagAu.....  | 43  | 1 | hsa |
| .....ugaggguaggagguuguNaguu.....   | 1   | 1 | hsa |
| .....ugaggguNggagguuguauaguu.....  | 2   | 1 | hsa |
| .....ugaggguaggagguuguauaCuu.....  | 51  | 1 | hsa |
| .....ugaggguaggagAuuguauaguu.....  | 230 | 1 | hsa |
| .....ugaggguaggagguuAuauaguu.....  | 76  | 1 | hsa |
| .....ugaggguaggagguuguauaguC.....  | 75  | 1 | hsa |
| .....ugaggguGggagguuguauaguu.....  | 62  | 1 | hsa |

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accugccgcgccccccgggucgaggguaggagguuguauaguugaggaggacaccaaggagaucauauacggccuccuagcuuucccaggcugcggccugcacggg

|                                     |        |   |     |
|-------------------------------------|--------|---|-----|
| .....ugagCuaggagguuguauaguu.....    | 42     | 1 | hsa |
| .....Ngagguaggagguuguauaguu.....    | 356    | 1 | hsa |
| .....ugagUuaggagguuguauaguu.....    | 135    | 1 | hsa |
| .....ugagguaaggaAguuguauaguu.....   | 11     | 1 | hsa |
| .....ugaUguaggagguuguauaguu.....    | 181    | 1 | hsa |
| .....ugUgguaaggagguuguauaguu.....   | 45     | 1 | hsa |
| .....ugagguagCagguuguauaguu.....    | 454    | 1 | hsa |
| .....ugagguaggCgguuguauaguu.....    | 188    | 1 | hsa |
| .....ugagguaggagguuguauGaguu.....   | 7      | 1 | hsa |
| .....ugagguaggNgguuguauaguu.....    | 1      | 1 | hsa |
| .....ugaggGaggagguuguauaguu.....    | 59     | 1 | hsa |
| .....Ggagguaggagguuguauaguu.....    | 15     | 1 | hsa |
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| .....ugCgguaggagguuguauaguu.....    | 132    | 1 | hsa |
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| .....ugagguaggagguCguauaguu.....    | 92     | 1 | hsa |
| .....ugagguaggagguuguauCaguu.....   | 57     | 1 | hsa |
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| .....ugagguaggagguuguauagNu.....    | 4      | 1 | hsa |
| .....ugagguaggagguuguCuaguu.....    | 49     | 1 | hsa |
| .....ugagguaggGgguuguauaguu.....    | 98     | 1 | hsa |
| .....ugaAguaggagguuguauaguu.....    | 31     | 1 | hsa |
| .....ugagguaggagguuguauaAu.....     | 28     | 1 | hsa |
| .....ugagguaggagguAuguauaguu.....   | 61     | 1 | hsa |
| .....ugGgguaggagguuguauaguu.....    | 92     | 1 | hsa |
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| .....Cgagguaggagguuguauaguu.....    | 135    | 1 | hsa |
| .....ugaCguaggagguuguauaguu.....    | 107    | 1 | hsa |
| .....ugagguaggagguugNauaguu.....    | 4      | 1 | hsa |
| .....ugagguaggagguuguauagCu.....    | 97     | 1 | hsa |
| .....ugagguaggagguUuuguauaguu.....  | 225    | 1 | hsa |
| .....ugagguagNagguuguauaguu.....    | 9      | 1 | hsa |
| .....ugagguaggagguuguauAaguu.....   | 46     | 1 | hsa |
| .....ugaggNagagguuguauaguu.....     | 12     | 1 | hsa |
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| .....ugagguagAagguuguauaguu.....    | 608    | 1 | hsa |
| .....ugaggAaggagguuguauaguu.....    | 121    | 1 | hsa |
| .....ugagguaggagguCguauaguu.....    | 107    | 1 | hsa |
| .....ugagguaggagguuguauUguu.....    | 27     | 1 | hsa |
| .....ugagguaggagguCguuguauaguu..... | 35     | 1 | hsa |
| .....ugagguaggagguuguauGguu.....    | 46     | 1 | hsa |
| .....ugagguaggagguuguauaguG.....    | 17     | 1 | hsa |
| .....Agagguaggagguuguauaguu.....    | 33     | 1 | hsa |
| .....ugagguaggagguugGauaguu.....    | 27     | 1 | hsa |
| .....ugagguaggagguGguauaguu.....    | 24     | 1 | hsa |
| .....ugagguaggagguuguauaguu.....    | 139215 | 0 | hsa |
| .....uAagguaggagguuguauaguu.....    | 378    | 1 | hsa |
| .....ugagguaggagguUguuguauaguu..... | 109    | 1 | hsa |
| .....ugagguaggagguuguauCaguug.....  | 4      | 1 | hsa |
| .....ugCgguaggagguuguauaguug.....   | 9      | 1 | hsa |
| .....Ngagguaggagguuguauaguug.....   | 30     | 1 | hsa |
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| .....ugagguaggagguuguGuaguug.....   | 5      | 1 | hsa |
| .....ugagguaggagguuguauagCug.....   | 8      | 1 | hsa |
| .....ugagguaggagguugNauaguug.....   | 2      | 1 | hsa |
| .....ugaggGaggagguuguauaguug.....   | 4      | 1 | hsa |
| .....ugagguaggagguuCuauaguug.....   | 4      | 1 | hsa |
| .....ugagguagUagguuguauaguug.....   | 3028   | 1 | hsa |
| .....ugagguaggagguuguauaAuug.....   | 1      | 1 | hsa |
| .....ugagguaggagguuguauaguug.....   | 8065   | 0 | hsa |
| .....ugaUgagguagguuguauaguug.....   | 5      | 1 | hsa |
| .....ugagguaggagguCuguauaguug.....  | 10     | 1 | hsa |
| .....ugagAuaggagguuguauaguug.....   | 1      | 1 | hsa |
| .....uUagguaggagguuguauaguug.....   | 13     | 1 | hsa |
| .....ugagguaggagguuguauaguAg.....   | 38     | 1 | hsa |
| .....ugagguaggagguuguauAaguug.....  | 4      | 1 | hsa |
| .....ugagguaggagguuAuauaguug.....   | 5      | 1 | hsa |
| .....ugagguaggagguuguNuaguug.....   | 1      | 1 | hsa |

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accugccgcgccccccgggugagguagagguuguauaguagaggaggacaccaaggagaucauauacggccuccuagcuuucccaggcugcggccugcacggg

|                                      |       |   |     |
|--------------------------------------|-------|---|-----|
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| .....ugagguagaggagAuuguauaguug.....  | 2     | 1 | hsa |
| .....ugagguuAgagguuguauaguug.....    | 4     | 1 | hsa |
| .....ugagguCggagguuguauaguug.....    | 5     | 1 | hsa |
| .....ugagguagggagguuUuauaguug.....   | 2     | 1 | hsa |
| .....ugagguagggagguuguauaguuaA.....  | 19096 | 1 | hsa |
| .....ugagUuaggagguuguauaguug.....    | 7     | 1 | hsa |
| .....ugagguuACgagguuguauaguug.....   | 3     | 1 | hsa |
| .....ugGgguagggagguuguauaguug.....   | 4     | 1 | hsa |
| .....ugagguagggagguuguauGguug.....   | 2     | 1 | hsa |
| .....ugagguagggagguCGuauaguug.....   | 3     | 1 | hsa |
| .....ugagguGggagguuguauaguug.....    | 5     | 1 | hsa |
| .....ugagguagCagguuguauaguug.....    | 5     | 1 | hsa |
| .....ugagguagggagguuguUuaguug.....   | 4     | 1 | hsa |
| .....ugaggAaggagguuguauaguug.....    | 6     | 1 | hsa |
| .....ugagguagggaggGuguauaguug.....   | 7     | 1 | hsa |
| .....Agagguagggagguuguauaguug.....   | 3     | 1 | hsa |
| .....ugagguuUgagguuguauaguug.....    | 4     | 1 | hsa |
| .....ugagguagggagguuguauagAug.....   | 4     | 1 | hsa |
| .....ugagguagggagguuguCuaguug.....   | 2     | 1 | hsa |
| .....ugagguagggagUuuguauaguug.....   | 13    | 1 | hsa |
| .....ugagguaggaCGuuguauaguug.....    | 3     | 1 | hsa |
| .....ugagguagCgguguauaguug.....      | 12    | 1 | hsa |
| .....ugagguagggagguuguauaguuuU.....  | 33161 | 1 | hsa |
| .....ugagguagggagguuguauaguuuC.....  | 346   | 1 | hsa |
| .....ugagguaggaAGuuguauaguug.....    | 4     | 1 | hsa |
| .....ugagguagAGagguuguauaguug.....   | 18    | 1 | hsa |
| .....ugagguagggagguugGauaguug.....   | 9     | 1 | hsa |
| .....uCagguagggagguuguauaguug.....   | 2     | 1 | hsa |
| .....ugagguagggagguuguauaCuug.....   | 3     | 1 | hsa |
| .....ugaAGuagggagguuguauaguug.....   | 1     | 1 | hsa |
| .....ugagguaggGgguguauaguug.....     | 5     | 1 | hsa |
| .....CGagguagggagguuguauaguug.....   | 5     | 1 | hsa |
| .....ugagguagggagguuguauaguCG.....   | 1     | 1 | hsa |
| .....uAagguagggagguuguauaguug.....   | 13    | 1 | hsa |
| .....ugaggNaggagguuguauaguug.....    | 2     | 1 | hsa |
| .....ugagguagggagguuguauCGuug.....   | 2     | 1 | hsa |
| .....ugagguUggagguuguauaguug.....    | 1     | 1 | hsa |
| .....ugagguaggaUGuuguauaguug.....    | 8     | 1 | hsa |
| .....ugaCGuagggagguuguauaguug.....   | 5     | 1 | hsa |
| .....ugagguagggaggAuguauaguug.....   | 3     | 1 | hsa |
| .....ugaggCaggagguuguauaguug.....    | 17    | 1 | hsa |
| .....ugagguaggUGguuguauaguug.....    | 3     | 1 | hsa |
| .....ugagguagggagguugCauaguug.....   | 7     | 1 | hsa |
| .....ugagguagggagCuuguauaguug.....   | 3     | 1 | hsa |
| .....ugagguagggagguugAauaguug.....   | 2     | 1 | hsa |
| .....ugagguagggagguuguauaguCGa.....  | 1     | 1 | hsa |
| .....ugagguagggagguuguauaguuga.....  | 642   | 0 | hsa |
| .....ugagguagggagguuguauaguuuUa..... | 489   | 1 | hsa |
| .....ugagguagggagguuguauaguuuU.....  | 2012  | 1 | hsa |
| .....ugagguagggagguuUuauaguuga.....  | 3     | 1 | hsa |
| .....ugagguagggagUuuguauaguuga.....  | 1     | 1 | hsa |
| .....ugagguagggagguuguauagAuga.....  | 1     | 1 | hsa |
| .....ugagguagUaggguuguauaguuga.....  | 66    | 1 | hsa |
| .....Agagguagggagguuguauaguuga.....  | 1     | 1 | hsa |
| .....ugagguagggagguuguauaguAga.....  | 12    | 1 | hsa |
| .....ugagguagggagguuguauaguCa.....   | 32    | 1 | hsa |
| .....ugagguagggagguuguauagCuga.....  | 1     | 1 | hsa |
| .....ugagguuACgagguuguauaguuga.....  | 1     | 1 | hsa |
| .....uAagguagggagguuguauaguuga.....  | 1     | 1 | hsa |
| .....ugagguaggGgguguauaguuga.....    | 1     | 1 | hsa |
| .....ugGgguagggagguuguauaguuga.....  | 1     | 1 | hsa |
| .....ugagguagggagguuguauUGuuga.....  | 1     | 1 | hsa |
| .....ugagguagggagguuguauagGuga.....  | 1     | 1 | hsa |
| .....ugaggCaggagguuguauaguuga.....   | 1     | 1 | hsa |
| .....ugagguagggagguuguauaguugC.....  | 9     | 1 | hsa |
| .....ugaAGuagggagguuguauaguuga.....  | 1     | 1 | hsa |
| .....ugagguagggagguugAauaguuga.....  | 1     | 1 | hsa |
| .....ugagguagggagguuAaguuga.....     | 1     | 1 | hsa |

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accugccgcgccccccgggcugagguaggagguuguauaguugaggaggacaccaaggagaucauauacggccuccuagcuuucccaggcugcggccugcacggg

|                               |      |   |     |
|-------------------------------|------|---|-----|
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| .ugagguaggagguuguauaguug6 .   | 5    | 1 | hsa |
| .ugagguaggagguuguau6guuga .   | 3    | 1 | hsa |
| .ugagUuaggagguuguauaguuga .   | 1    | 1 | hsa |
| .ugagguaggagguuguauaUuuga .   | 4    | 1 | hsa |
| .ugagguaggagguugu6uaguuga .   | 1    | 1 | hsa |
| .ugagguaggCggguuguauaguuga .  | 2    | 1 | hsa |
| .ugaUguaggagguuguauaguuga .   | 2    | 1 | hsa |
| .ugagguaggagguuguauaguuuAa .  | 1465 | 1 | hsa |
| .ugagguaggagguuguauaguugaA .  | 60   | 1 | hsa |
| .ugagguaggagguuguauaguugag .  | 2    | 0 | hsa |
| .ugagguaggagguuguauaguugaU .  | 9    | 1 | hsa |
| .ugagguaggagguuguauaguuuAag . | 2    | 1 | hsa |
| .gagguaggagguuguauU .         | 2    | 1 | hsa |
| .gagguaggagguuguauag .        | 8    | 0 | hsa |
| .Uagguaggagguuguauag .        | 3    | 1 | hsa |
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| .gagguagAagguuguauagu .       | 1    | 1 | hsa |
| .gagguaggagguuguauagu .       | 35   | 0 | hsa |
| .Nagguaggagguuguauagu .       | 1    | 1 | hsa |
| .gagguaggagguuguauaguA .      | 2    | 1 | hsa |
| .Aagguaggagguuguauagu .       | 2    | 1 | hsa |
| .gagguaggagguuuAuauagu .      | 1    | 1 | hsa |
| .Uagguaggagguuguauagu .       | 67   | 1 | hsa |
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| .gagguaggCguuguauagu .        | 2    | 1 | hsa |
| .gagCuaggagguuguauagu .       | 1    | 1 | hsa |
| .gagguagNagguuguauagu .       | 1    | 1 | hsa |
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| .gagguaggagguuguauaguug .     | 27   | 0 | hsa |
| .gagguaggagguuguauaguU .      | 67   | 1 | hsa |
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| .gagguagUagguuguauaguug .     | 7    | 1 | hsa |
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| .gagguaggagguuguauaguuuAa .   | 5    | 1 | hsa |
| .gagguaggaggCuguauaguuga .    | 1    | 1 | hsa |
| .gagguaggagguuguauaguUa .     | 1    | 1 | hsa |
| .gagguaggagguuguauaguuga .    | 27   | 0 | hsa |
| .gagguaggagguuguauaguugag .   | 1    | 0 | hsa |
| .Ugguaggagguuguauag .         | 1    | 1 | hsa |
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| .agguaggagguuguauagu .        | 7    | 0 | hsa |
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| .agguaggUguuguauagu .         | 1    | 1 | hsa |
| .Ugguaggagguuguauagu .        | 15   | 1 | hsa |
| .agguaggagguuguauagu .        | 35   | 0 | hsa |
| .agguaggagguuguauaguug .      | 2    | 0 | hsa |
| .agguaggagguuguauaguA .       | 6    | 1 | hsa |
| .agguaggagguuguauaguU .       | 14   | 1 | hsa |
| .Ugguaggagguuguauaguug .      | 4    | 1 | hsa |
| .agguaggagguuguauaguuga .     | 1    | 0 | hsa |
| .Uguaggagguuguauagu .         | 2    | 1 | hsa |
| .Uguaggagguuguauagu .         | 27   | 1 | hsa |
| .gguaggagguuguauagu .         | 4    | 0 | hsa |
| .gguaggagguuguauaguU .        | 2    | 1 | hsa |
| .Uguaggagguuguauaguug .       | 3    | 1 | hsa |
| .gguaggagguuguauaguug .       | 3    | 0 | hsa |
| .gguagUagguuguauaguuga .      | 3    | 1 | hsa |
| .gguaggagguuguauaguuuAa .     | 2    | 1 | hsa |
| .gguaggagguuguauaguugaA .     | 1    | 1 | hsa |
| .guaggagguuguauagu .          | 2    | 0 | hsa |
| .guaggagguuguauaguugag .      | 1    | 0 | hsa |
| .guagUagguuguauaguugag .      | 3    | 1 | hsa |
| .uaggagguuguauaguU .          | 1    | 1 | hsa |
| .uaggagguuguauaguugag .       | 2    | 0 | hsa |
| .uaggagguuguauaguugagg .      | 1    | 0 | hsa |

## Mature

## Star

|                     |                                                |                                            |    |   |     |
|---------------------|------------------------------------------------|--------------------------------------------|----|---|-----|
| accugccgcgccccccggg | cugagguaggagguuguauaguugaggaggacacccaaggagauca | cuauacggccuccuagcuuucccaggcugcggccugcacggg |    |   |     |
| .....               | .aggagguuguauaguugaggU.....                    |                                            | 1  | 1 | hsa |
| .....               | .agguuguauaguugaggU.....                       |                                            | 1  | 1 | hsa |
| .....               | .gaggaggacacccaaggaga.....                     |                                            | 1  | 0 | hsa |
| .....               | .gaggaggacacccaaggagau.....                    |                                            | 1  | 0 | hsa |
| .....               | .Aaggaggacacccaaggagauca.....                  |                                            | 1  | 1 | hsa |
| .....               | .gaggaggacacccaagAagauca.....                  |                                            | 1  | 1 | hsa |
| .....               | .gaggaggacacAaaggagauca.....                   |                                            | 1  | 1 | hsa |
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| .....               | .gaggaggacacccaaggagaucaU.....                 |                                            | 1  | 1 | hsa |
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| .....               | .....acuauacggccuccuagcuuuc.....               |                                            | 1  | 0 | hsa |
| .....               | .....acuauacggccuccuagcuuucU.....              |                                            | 1  | 1 | hsa |
| .....               | .....acuauacggccuccuagcuuucc.....              |                                            | 2  | 0 | hsa |
| .....               | .....cuauacggccuccuagcuuuc.....                |                                            | 4  | 0 | hsa |
| .....               | .....cuauacggccuccuagcuuucc.....               |                                            | 35 | 0 | hsa |
| .....               | .....cuauacggccuccuagcuuuU.....                |                                            | 1  | 1 | hsa |
| .....               | .....cuauacggccuccuagcuuuU.....                |                                            | 4  | 1 | hsa |
| .....               | .....cuauacggccuccuagcuuuccA.....              |                                            | 2  | 1 | hsa |
| .....               | .....uauacggccuccuagcuuuccU.....               |                                            | 1  | 1 | hsa |