



Star

|  | -3'   | obs |        |
|--|-------|-----|--------|
|  |       | exp |        |
|  | reads | mm  | sample |
| uguguuuugcuuguaucugggugcuguuuacacuaguccaaauaguuuauaucuaccuggguccagugagacaacagcugggcugcaggguccaaucaacggagagacauggaagaau | 1     | 0   | H44    |
| uguguuuugcuuguaucugggugcuguuuacacuaguccaaauaguuuauaucuaccuggguccagugagacaacagcugggcugcaggguccaaucaacggagagacauggaagaau | 1     | 1   | H44    |
| .(((((((((((((((.(.((((((((.(.(((.(.((.....)))..)))..).)))))))).).)))))))(.....).)))))).....                           | 8     | 0   | H44    |
| .....ugcuguuuacacuagucca.....  | 1     | 1   | H44    |
| .....ugcuguuuacacuaguccU.....  | 1     | 1   | H44    |
| .....ugcuguuuacacuaguccaa.....   | 8     | 0   | H44    |
| .....ugAuguuuacacuaguccaa.....   | 1     | 1   | H44    |
| .....ugcuguuuacacuaguccaa.....   | 27    | 0   | H44    |
| .....ugcuguuuacacuaguccaaCu.....   | 1     | 1   | H44    |
| .....ugcuguuuacacuaguccaa.....   | 32    | 0   | H44    |
| .....ugAuguuuacacuaguccaa.....   | 1     | 1   | H44    |
| .....ugcuguuuacacuaguccaa.....   | 2     | 1   | H44    |
| .....ugcuguuuacacuagucGaa.....   | 1     | 1   | H44    |
| .....ugcuguuuacacuaguccaa.....   | 2     | 1   | H44    |
| .....ugcuguuuacacuaguccaa.....   | 2     | 1   | H44    |
| .....ugcuguuuacacuaguccaa.....   | 1     | 1   | H44    |
| .....ugcuguuuacacuaguccaa.....   | 1     | 1   | H44    |
| .....ugcuguuuacacuaguccaa.....   | 1     | 0   | H44    |
| .....ugcuguuuacacuaguccaa.....   | 1     | 0   | H44    |
| .....ccugguccagugagaca.....  | 1     | 0   | H44    |
| .....ccugguccagugagaca.....  | 18    | 0   | H44    |
| .....ccugguccagugagaca.....  | 2     | 1   | H44    |
| .....ccugguccagugagaca.....  | 8     | 0   | H44    |
| .....ccugguccagugagacGacagc.....   | 1     | 1   | H44    |
| .....ugcuguuuacacuaguccaa.....   | 1     | 0   | B04    |
| .....ugcuguuuacacuaguccaa.....   | 18    | 0   | B04    |
| .....ugcuguuuacacuaguccaa.....   | 1     | 0   | B04    |
| .....ccugguccagugagaca.....  | 5     | 0   | B04    |
| .....ccugguccagugaUaca.....  | 1     | 1   | B04    |
| .....ccugguccagugagaca.....  | 2     | 0   | B04    |
| .....ugcuguuuacacuaguccaa.....   | 2     | 0   | H01    |
| .....ugcuguuuacacuaguccaa.....   | 6     | 0   | H01    |
| .....ugcuguuuacacuaguccaa.....   | 21    | 0   | H01    |
| .....ugcuguuuacacuaguccaa.....   | 1     | 0   | H01    |

## Mature

## Star

|   |    |   |     |
|---|----|---|-----|
| uguguuugcuuguaucugggugcuguuuacacuguccaauuaguuuauaauaaccugguccagugagacaacagcugggcugcagguccaucaacggagagacauggaagaau |    |   |     |
| .....ugcuguuuacacuguccaauuaguuuauaauaaccugguccaU.....   | 1  | 1 | H01 |
| .....ugcuguuuacacuguccaauuaguuuauaauaaccugguccagu.....  | 1  | 0 | H01 |
| .....accugguccagugagacaacag.....  | 2  | 0 | H01 |
| .....ccugguccagugagacaac.....   | 1  | 0 | H01 |
| .....ccugguccagugagacaaca.....  | 1  | 0 | H01 |
| .....ccugguccagugagacUacag.....   | 1  | 1 | H01 |
| .....ccugguccagugagacaacag.....   | 27 | 0 | H01 |
| .....ccugguccagugagacGacag.....   | 1  | 1 | H01 |
| .....ccugguccagugagacaacagc.....  | 20 | 0 | H01 |
| .....ccugguccagugagacGacagc.....  | 1  | 1 | H01 |
| .....ccugguccagugagacaacagcu.....   | 1  | 0 | H01 |
| .....ugcuguuuacacuguccaau.....  | 3  | 0 | H63 |
| .....ugcuguuuacacuguccaauu.....   | 5  | 0 | H63 |
| .....ugcuguuuacacuguccaauua.....  | 7  | 0 | H63 |
| .....ugcuguuuacacuguccaauuG.....  | 1  | 1 | H63 |
| .....ugcuguuuacacuguccaauuaU.....   | 1  | 1 | H63 |
| .....ugcuguuuacacuguccaauuaA.....   | 1  | 1 | H63 |
| .....ugcuguuuacacuguccaauuaguuu.....  | 1  | 0 | H63 |
| .....ugcuguuuacacuguccaauuaguuuauaauauc.....  | 1  | 0 | H63 |
| .....ugcuguuuacacuguccaauuaguuuauaauaucua.....  | 1  | 0 | H63 |
| .....ccugguccagugagacaacag.....   | 10 | 0 | H63 |
| .....ccugguccagugagacaacagc.....  | 11 | 0 | H63 |
| .....ugcuguuuacacugucUaau.....  | 1  | 1 | H43 |
| .....ugcuguuuacacuguccaau.....  | 9  | 0 | H43 |
| .....ugcuguuuacacuguccaauu.....   | 14 | 0 | H43 |
| .....ugcuguuuacacuguaAcaauua.....   | 1  | 1 | H43 |
| .....ugcuguuuacacuguccaauuC.....  | 1  | 1 | H43 |
| .....ugcuguuuacacuguccaauua.....  | 17 | 0 | H43 |
| .....ugcuguuuacacuguccaauuU.....  | 1  | 1 | H43 |
| .....ugcuguuuacacuguccaauuaU.....   | 5  | 1 | H43 |
| .....ugcuguuuacacuguccaauuaA.....   | 4  | 1 | H43 |
| .....ugcuguuuacacuguccaauuaguu.....   | 1  | 0 | H43 |
| .....ugcuguuuacacuguccaauuaguuuauaauaauaauaaccugguccagu.....  | 1  | 0 | H43 |
| .....ugcuguuuacacuguccaauuaguuuauaauaauaauaaccugguccagugagaca.....  | 1  | 0 | H43 |
| .....ccugguccagugagacaaca.....  | 1  | 0 | H43 |
| .....ccugCuccagugagacaacag.....   | 1  | 1 | H43 |
| .....ccugguccagugagacaacag.....   | 22 | 0 | H43 |
| .....ccugguccagugagacaacagc.....  | 3  | 0 | H43 |
| .....ugcuguuuacacuguccaau.....  | 1  | 0 | E03 |
| .....ugcuguuuacacuguccaauu.....   | 5  | 0 | E03 |
| .....ugcuguuuacacuguccaauua.....  | 7  | 0 | E03 |
| .....ugcuguuuacacuguccaauuag.....   | 1  | 0 | E03 |
| .....ugcuguuuacacuguccaauuaguuuauaauaauaauaaua.....   | 1  | 0 | E03 |
| .....ugcuguuuacacuguccaauuaguuuauaauaauaauaauaauaaccugguccagu.....  | 1  | 0 | E03 |
| .....ugcuguuuacacuguccaauuaguuuauaauaauaauaauaauaaccugguccagugagaca.....  | 1  | 0 | E03 |
| .....ccugguccagugagacaacag.....   | 3  | 0 | E03 |
| .....ccugguccagugagacaacagc.....  | 1  | 0 | E03 |
| .....guccagugagacaacagcCggc.....  | 1  | 1 | E03 |
| .....ugcuguuuacacugucca.....  | 1  | 0 | H53 |
| .....ugcuguuuacacuguccU.....  | 1  | 1 | H53 |
| .....ugcuguuuacacuguccaau.....  | 1  | 0 | H53 |
| .....ugcuguuuacacuguccaauu.....   | 11 | 0 | H53 |
| .....ugcugCuucacuguccaauu.....  | 1  | 1 | H53 |
| .....ugcuguuuacacuguccaauua.....  | 36 | 0 | H53 |
| .....ugcuguuuacacuguccaauuaU.....   | 2  | 1 | H53 |
| .....ugcuguuuacacuguccaauuaA.....   | 5  | 1 | H53 |
| .....ugcuguuuacacuguccaauuaAuuu.....  | 1  | 1 | H53 |
| .....ugcuguuuacacuguccaauuaguuuauaaua.....  | 2  | 0 | H53 |
| .....ccugguccagugagacaaca.....  | 2  | 0 | H53 |
| .....ccugguccagugagacaacag.....   | 32 | 0 | H53 |
| .....ccugguccagugagacaacagc.....  | 5  | 0 | H53 |
| .....ugcuguuuacacuguccaau.....  | 1  | 0 | H33 |
| .....ugcuguuuacacuguccaauu.....   | 9  | 0 | H33 |
| .....ugcuguuuacacuguccaauua.....  | 36 | 0 | H33 |
| .....ugcuguuuacacuguccaauuaA.....   | 1  | 1 | H33 |

## Mature

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|  |    |   |     |
|--|----|---|-----|
| uguguuugcuuguaucugggugcuguuuacacaguccaauuaguuuaua <u>u</u> cuaccugguccagugagacaacagcugggcugcagguccaucaacggagagacauggaagaau |    |   |     |
| .....ugcuguuuacacaguccaauuaUuu.....  | 1  | 1 | H33 |
| .....ugcuguuuacacAaguccaauuaguuu.....  | 1  | 1 | H33 |
| .....ugcuguuuacacaguccaauuaguuuaua <u>u</u> c.....   | 1  | 0 | H33 |
| .....ugcuguuuacacaguccaauuaguuuaua <u>u</u> cuaccugguccag.....   | 1  | 0 | H33 |
| .....ccugguccagugagacaacag.....  | 19 | 0 | H33 |
| .....ccugguccagugagacaacagU.....   | 1  | 1 | H33 |
| .....ccugguccagugagacaacagcu.....  | 1  | 0 | H33 |
| .....ugcuguuuacacaguccaauu.....  | 2  | 0 | B01 |
| .....uUcuguuuacacaguccaauua.....   | 1  | 1 | B01 |
| .....ugcuguuuacacaguccaauua.....   | 15 | 0 | B01 |
| .....ugcuguuuacacaguccaauuaA.....  | 1  | 1 | B01 |
| .....ugcuguuuacacaguccaauuaU.....  | 2  | 1 | B01 |
| .....ccugguccagugagacaaca.....   | 1  | 0 | B01 |
| .....ccugguccagugagacaacag.....  | 4  | 0 | B01 |
| .....ccugguccagugagacaacagc.....   | 6  | 0 | B01 |
| .....ugcuguuuacacaguccaau.....   | 2  | 0 | R74 |
| .....ugcuguuuacacaguccaauu.....  | 1  | 0 | R74 |
| .....ugcuguuuacacaguccaauuaguuuaua <u>u</u> cuaccuggucc.....   | 1  | 0 | R74 |
| .....ccugguccagugagacaacag.....  | 1  | 0 | R74 |
| .....ccugguccagugagacaacagc.....   | 2  | 0 | R74 |
| .....ugcuguuuacacaguccaau.....   | 2  | 0 | H74 |
| .....ugcuguuuacacaguccaauu.....  | 3  | 0 | H74 |
| .....ugcuguuuacacaguccaauua.....   | 7  | 0 | H74 |
| .....ugcugCuucacacaguccaauua.....  | 1  | 1 | H74 |
| .....ugcuguuuacacaguccaauuag.....  | 1  | 0 | H74 |
| .....ugcuguuuacacaguccaauuaA.....  | 1  | 1 | H74 |
| .....ugcuguuuacacaguccaauuagu.....   | 1  | 0 | H74 |
| .....ugcuguuuacacaguccaauuaAu.....   | 1  | 1 | H74 |
| .....ugcuguuuacacaguccaauuaguuu.....   | 1  | 0 | H74 |
| .....ugcuguuuacacaguccaauuaguuuau.....   | 1  | 0 | H74 |
| .....ccugguccagugagacaacag.....  | 9  | 0 | H74 |
| .....ccugguccagugagacaacagc.....   | 3  | 0 | H74 |
| .....ugcuguuuacacaguccaau.....   | 3  | 0 | R72 |
| .....ugcuguuuacacaguccaauu.....  | 8  | 0 | R72 |
| .....ugcuguuuacacaguccaauua.....   | 20 | 0 | R72 |
| .....ugcuguuuacacaguccaCuua.....   | 1  | 1 | R72 |
| .....ugcuguuuacacaguccaauuaU.....  | 4  | 1 | R72 |
| .....ugcuguuuacacaguccaauuaguuuaua <u>u</u> cu.....  | 1  | 0 | R72 |
| .....ugcuguuuacacaguccaauuaguuuaua <u>u</u> cuaccuggucca.....  | 1  | 0 | R72 |
| .....ugcuguuuacacaguccaauuaguuuaua <u>u</u> cuaccugguccagu.....  | 1  | 0 | R72 |
| .....ccugguccagugagacaaca.....   | 1  | 0 | R72 |
| .....ccugguccagugagacaaca.....   | 2  | 0 | R72 |
| .....ccugguccagugagacaacag.....  | 16 | 0 | R72 |
| .....ccugguccagugagacaacagc.....   | 4  | 0 | R72 |
| .....ugcuguuuacacaguccaauu.....  | 1  | 0 | B13 |
| .....ugcuguuuacacaguccaauua.....   | 9  | 0 | B13 |
| .....ugcuguuuacacaguccaauuaguuuau.....   | 1  | 0 | B13 |
| .....ugcuguuuacacaguccaauuaguuuaua <u>u</u> cuaccugguccag.....   | 1  | 0 | B13 |
| .....ccugguccagugagacaacag.....  | 7  | 0 | B13 |
| .....ccugguccagugagacaacagc.....   | 1  | 0 | B13 |
| .....ugcuguuuacacaguccaauu.....  | 11 | 0 | H54 |
| .....ugcuguuuacacaguAcaauua.....   | 1  | 1 | H54 |
| .....ugcuguuuacacaguccaauua.....   | 14 | 0 | H54 |
| .....ugcuguuuacacaguccaauuaU.....  | 1  | 1 | H54 |
| .....ugcuguuuacacaguccaauuaA.....  | 3  | 1 | H54 |
| .....ugcuguuuacacaguccaauuaguuuaua <u>u</u> cu.....  | 1  | 0 | H54 |
| .....accugguccagugagacaacag.....   | 1  | 0 | H54 |
| .....ccugguccagugagacaacag.....  | 17 | 0 | H54 |
| .....ccugguccagugagacaacagc.....   | 2  | 0 | H54 |
| .....ugcuguuuacacagucGaauu.....  | 1  | 1 | H73 |
| .....ugcuguuuacacaguccaauu.....  | 7  | 0 | H73 |
| .....ugcuguuuacacaguccaauua.....   | 9  | 0 | H73 |
| .....ugcuguuuacacaguccaauuaguuuaua <u>u</u> c.....   | 1  | 0 | H73 |

## Mature

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|  |    |   |     |
|--|----|---|-----|
| uguguuugcuugaucugggugcuguuucacuaaguccaauuaguuuauaucuaaccugguccagugagacaacagcugggcugcagguccaucaacggagagacauggaagaau |    |   |     |
| .....ugcuguuucacuaaguccaauuaguuuauaucua.....   | 1  | 0 | H73 |
| .....ugcuguuucacuaaguccaauuaguuuauaucuaccuggucc.....   | 1  | 0 | H73 |
| .....ugcuguuucacuaaguccaauuaguuuauaucuaccugguccag.....   | 1  | 0 | H73 |
| .....ccugguccagugagacaacag.....  | 5  | 0 | H73 |
| .....ccugguccagugagacaacagc.....   | 1  | 0 | H73 |
| .....ccugguccagugagacaacagcu.....  | 2  | 0 | H73 |
| .....ugcuguuucacuaaguccaauu.....   | 4  | 0 | A23 |
| .....ugcuguuucacuaaguccaauua.....  | 9  | 0 | A23 |
| .....ugcuguuucacuaaguccaauuaA.....   | 2  | 1 | A23 |
| .....ugcuguuucacuaaguccaauuaU.....   | 2  | 1 | A23 |
| .....ccugguccagugagacaaca.....   | 1  | 0 | A23 |
| .....ccugguccagugagacaacag.....  | 6  | 0 | A23 |
| .....ccugguccagugagacaacagc.....   | 4  | 0 | A23 |
| .....ugcuguuucacuaaguccaau.....  | 3  | 0 | A52 |
| .....ugcuguuucacuaaguccaauu.....   | 2  | 0 | A52 |
| .....ugcuguuucacuaaguccaauua.....  | 5  | 0 | A52 |
| .....ugcuguuucacuaaguccaauuaA.....   | 1  | 1 | A52 |
| .....ugcuguuucacuaaguccaauuag.....   | 1  | 0 | A52 |
| .....ccugguccagugagacaacag.....  | 1  | 0 | A52 |
| .....ccugguccagugagacaacagc.....   | 2  | 0 | A52 |
| .....ugcuguuucacuaaguccaau.....  | 1  | 0 | A42 |
| .....ugcuguuucacuaaguccaauu.....   | 3  | 0 | A42 |
| .....ugcuguuucacuaaguccaauua.....  | 4  | 0 | A42 |
| .....ugcuguuucacuaaguccaauuaA.....   | 1  | 1 | A42 |
| .....ugcuguuucacuaaguccaauuaU.....   | 1  | 1 | A42 |
| .....ugcuguuucacuaaguccaauuaguuuauaucuaccugguccag.....   | 1  | 0 | A42 |
| .....ccugguccagugagacaacag.....  | 5  | 0 | A42 |
| .....ccugguccagugagacaacagG.....   | 1  | 1 | A42 |
| .....ccugguccagugagacUacagc.....   | 1  | 1 | A42 |
| .....ccugguccagugagacaacagc.....   | 1  | 0 | A42 |
| .....ccugguccagugagacaacagU.....   | 1  | 1 | A42 |
| .....ugcuguuucacuaaguccaauua.....  | 10 | 0 | H13 |
| .....ugcuguuucacuaaguccaauuaguuuauaucuaccugguccagu.....  | 1  | 0 | H13 |
| .....ccugguccagugagacaacag.....  | 7  | 0 | H13 |
| .....ccugguccagugagacaacaA.....  | 1  | 1 | H13 |
| .....ccugguccagugagacaacagc.....   | 1  | 0 | H13 |
| .....ugcuguuucacuaagucca.....  | 1  | 0 | A24 |
| .....ugcuguuucacuaaguccaau.....  | 2  | 0 | A24 |
| .....ugcuguuucacuaaguccaauu.....   | 4  | 0 | A24 |
| .....ugcuguuucacuaaguccaauua.....  | 22 | 0 | A24 |
| .....ugcuguuucacuaaguccaCuua.....  | 1  | 1 | A24 |
| .....ugcuguuucacuaaguccaauuaU.....   | 2  | 1 | A24 |
| .....ugcuguuucacuaaguccaauuaguuuauaucuaccuggucca.....  | 1  | 0 | A24 |
| .....ccugguUcagugagacaacag.....  | 1  | 1 | A24 |
| .....ccugguccagugagacaacag.....  | 6  | 0 | A24 |
| .....ccugguccagugagacaacagc.....   | 2  | 0 | A24 |
| .....ccugguccagugagacaacagcA.....  | 1  | 1 | A24 |
| .....ugcuguuucacuaaguccaau.....  | 5  | 0 | H64 |
| .....ugcuguuucacuaaguccaauu.....   | 22 | 0 | H64 |
| .....ugcuguCuacuaaguccaauua.....   | 1  | 1 | H64 |
| .....ugAuguuucacuaaguccaauua.....  | 1  | 1 | H64 |
| .....ugcuguuucacuaaguccaauua.....  | 31 | 0 | H64 |
| .....ugcuguuucacuaaguccaauuU.....  | 1  | 1 | H64 |
| .....ugcuguuucacuaaguccaauuaU.....   | 2  | 1 | H64 |
| .....ugcuguuucacuaaguccaauuag.....   | 1  | 0 | H64 |
| .....ugcuguuucacuaaguccaauuaA.....   | 2  | 1 | H64 |
| .....ugcuguuucacuaaguccaauuaAu.....  | 1  | 1 | H64 |
| .....ugcuguuucacuaaguccaauuaguuuauauc.....   | 2  | 0 | H64 |
| .....ugcuguuucacuaaguccaauuaguuuauaucua.....   | 1  | 0 | H64 |
| .....guuucacuaaguccaauua.....  | 1  | 0 | H64 |
| .....ccugguccagugagacaacag.....  | 13 | 0 | H64 |
| .....ccugguccagugagacaacagc.....   | 11 | 0 | H64 |
| .....ccugguccagugagacaacagcu.....  | 1  | 0 | H64 |
| .....ugcuguuucacuaaguccaauu.....   | 8  | 0 | E11 |

## Mature

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|   |    |   |     |
|---|----|---|-----|
| uguguuugcuuguaucugggugcuguuucacuaaguccaauuaguuuaua <u>u</u> cuaccugguccagugagacaacagcugggcugcagguccaucaacggagagacauggaagaau |    |   |     |
| .....ugcAguuuacacuaaguccaauua.....  | 1  | 1 | E11 |
| .....ugcuguuucacuaaguccaauAa.....   | 1  | 1 | E11 |
| .....ugcuguuucacuaaguccaauua.....   | 35 | 0 | E11 |
| .....ugcuguuucacuaaguccaauuag.....  | 3  | 0 | E11 |
| .....ugcuguuucacuaaguccaauuaguuuaua <u>u</u> cuaccugguccagu.....  | 1  | 0 | E11 |
| .....ccugguccagugagacaacag.....   | 9  | 0 | E11 |
| .....ccugguccagugagacaacagc.....  | 18 | 0 | E11 |
| .....ugcuguuucacuaaguccaa.....  | 1  | 0 | H22 |
| .....ugcuguuucacuaaguccaau.....   | 1  | 0 | H22 |
| .....ugcuguuucacuaaguccaauu.....  | 6  | 0 | H22 |
| .....ugcuguuucacuGguccaa <u>u</u> a.....  | 1  | 1 | H22 |
| .....ugcuguuucacuaaguccaauua.....   | 23 | 0 | H22 |
| .....ugcuguuucacuaaguccaauuagu.....   | 1  | 0 | H22 |
| .....ugcuguuucacuaaguccaauuaguuuaua <u>u</u> cuaccuggucc.....   | 1  | 0 | H22 |
| .....ugcuguuucacuaaguccaauuaguuuaua <u>u</u> cuaccugguccU.....  | 1  | 1 | H22 |
| .....ugcuguuucacuaaguccaauuaguuuaua <u>u</u> cuaccugguccU.....  | 1  | 1 | H22 |
| .....ugcuguuucacuaaguccaauuaguuuaua <u>u</u> cuaccuggucca.....  | 2  | 0 | H22 |
| .....ugcuguuucacuaaguccaauuaguuuaua <u>u</u> cuaccugguccaU.....   | 1  | 1 | H22 |
| .....ugcuguuucacuaaguccaauuaguuuaua <u>u</u> cuaccugguccagA.....  | 1  | 1 | H22 |
| .....ccGgguccagugagacaacag.....   | 1  | 1 | H22 |
| .....ccugguccagugagacaacag.....   | 18 | 0 | H22 |
| .....ccugguccagugagacaacagc.....  | 3  | 0 | H22 |
| .....ugcuguuucacuaaguccaauu.....  | 1  | 0 | E21 |
| .....ugcuguuucacuaaguccaauua.....   | 15 | 0 | E21 |
| .....ugcuguuucacuaaguccaauuau.....  | 1  | 1 | E21 |
| .....ccugguccagugagacaacag.....   | 11 | 0 | E21 |
| .....ccugguccagugagacaacagc.....  | 11 | 0 | E21 |
| .....ccugguccagugagacaacagcu.....   | 2  | 0 | E21 |
| .....ugcuguuucacuaaguccaauu.....  | 13 | 0 | E22 |
| .....ugcuguuucacuaaguccaauua.....   | 36 | 0 | E22 |
| .....ugcuguuucacuGguccaa <u>u</u> a.....  | 1  | 1 | E22 |
| .....ugcuguuucacuaaguccaauuaU.....  | 1  | 1 | E22 |
| .....ugcuguuucacuaaguccaauuaguuuaua <u>u</u> cuaccugguccU.....  | 1  | 1 | E22 |
| .....ugcuguuucacuaaguccaauuaguuuaua <u>u</u> cuaccuggucca.....  | 1  | 0 | E22 |
| .....ugcuguuucacuaaguccaauuaguuuaua <u>u</u> cuaccugguccagu.....  | 2  | 0 | E22 |
| .....ugcuguuucacuaaguccaauuaguuuaua <u>u</u> cuaccugguccagugagaca.....  | 1  | 0 | E22 |
| .....ccugguccagugagacaacag.....   | 16 | 0 | E22 |
| .....ccugguccagugagacaacagc.....  | 14 | 0 | E22 |
| .....ugcuguuucacuaaguccaau.....   | 1  | 0 | B02 |
| .....ugcuguuucacuaaguccaauu.....  | 1  | 0 | B02 |
| .....ugcuguuucacuaaguccaauua.....   | 16 | 0 | B02 |
| .....ccugguccagugagacaacag.....   | 15 | 0 | B02 |
| .....ccugguccagugagacaacagc.....  | 6  | 0 | B02 |
| .....ugcuguuucacuaaguccaau.....   | 2  | 0 | H21 |
| .....ugcuguuucacuaaguccaauua.....   | 10 | 0 | H21 |
| .....ugcuguuucacuaaguccaauuaU.....  | 1  | 1 | H21 |
| .....ugcuguuucacuaaguccaauuaguuuaua <u>u</u> cuaccugguccagugagaca.....  | 2  | 0 | H21 |
| .....ccugguccagugagacaacag.....   | 11 | 0 | H21 |
| .....ccugguccagugagacaacagc.....  | 6  | 0 | H21 |
| .....ccugguccagUagacaacagcu.....  | 1  | 1 | H21 |
| .....ugcuguuucacuaaguccaau.....   | 1  | 0 | E71 |
| .....ugcuguuucacuaaguccaauu.....  | 4  | 0 | E71 |
| .....ugcuguuucacuaaguccaauGuu.....  | 1  | 1 | E71 |
| .....ugcuguuucacuaaguccaauua.....   | 12 | 0 | E71 |
| .....ugcuguuucacuaaguccaauuag.....  | 2  | 0 | E71 |
| .....ugcuguuucacuaaguccaauuaguuuaua <u>u</u> cuaccuggucca.....  | 1  | 0 | E71 |
| .....ccugguccagugagacaacag.....   | 1  | 0 | E71 |
| .....ccugguccagugagacaacGg.....   | 1  | 1 | E71 |
| .....ccugguccagugagacaacagc.....  | 2  | 0 | E71 |
| .....ugcuguuucacuaaguccaa.....  | 1  | 0 | H02 |

## Mature

## Star

|  |    |   |     |
|--|----|---|-----|
| uguguuugcuugaucugggugcuguuuacacuguccaauuaguuuaua <u>u</u> cuaccugguccagugagacaacagcuggcugcagguccaucaacggagagacauggaagaau |    |   |     |
| .....ugcuguuuacacuguccaauu.....  | 2  | 0 | H02 |
| .....ugcuguuuacacuguccaauua.....   | 10 | 0 | H02 |
| .....ugcuguuuacacuguccaauuaU.....  | 1  | 1 | H02 |
| .....ugcuguuuacacuguccaauuaguuuaua <u>u</u> cuaccuggucc.....   | 1  | 0 | H02 |
| .....ugcuguuuacacuguccaauuaguuuaua <u>u</u> cuaccugguccag.....   | 1  | 0 | H02 |
| .....ugcuguuuacacuguccaauuaguuuaua <u>u</u> cuaccugguccagugagaca.....  | 1  | 0 | H02 |
| .....ccugguccagugagacaacag.....  | 14 | 0 | H02 |
| .....ccugguccagugagacaacagc.....   | 9  | 0 | H02 |
| .....ccugguccagugagacCacagc.....   | 1  | 1 | H02 |
| .....Cugcuguuuacacuguccaauuag.....   | 1  | 1 | H61 |
| .....ugcuguuuacacuguccaau.....   | 4  | 0 | H61 |
| .....ugcuguuuacacuguccaauu.....  | 6  | 0 | H61 |
| .....ugcuguuuacacuguccaauua.....   | 22 | 0 | H61 |
| .....ugcuguuuacacuguccaauuaA.....  | 4  | 1 | H61 |
| .....ugcuguuuacacuguccaauuaguuuaua <u>u</u> cu.....  | 1  | 0 | H61 |
| .....ugcuguuuacacuguccaauuaguuuaua <u>u</u> cuac.....  | 1  | 0 | H61 |
| .....accugguccagugagacaacag.....   | 1  | 0 | H61 |
| .....ccugguccagugagacaaca.....   | 1  | 0 | H61 |
| .....ccugguccagugagacaagag.....  | 1  | 1 | H61 |
| .....ccugguccagugagacaacag.....  | 6  | 0 | H61 |
| .....ccugAuccagugagacaacagc.....   | 1  | 1 | H61 |
| .....ccugguccagugagacaacagc.....   | 3  | 0 | H61 |
| .....ugcuguuuacacuguccaau.....   | 1  | 0 | A61 |
| .....ugcuguuuacacuguccaauu.....  | 4  | 0 | A61 |
| .....ugcuguuuacacuguccaauua.....   | 7  | 0 | A61 |
| .....ugcuguuuacacuguccaauuaguuuaua <u>u</u> cu.....  | 1  | 0 | A61 |
| .....ccugguccagugagacaacag.....  | 3  | 0 | A61 |
| .....ccugguccagugagacaacagc.....   | 1  | 0 | A61 |
| .....ugcuguuuacacuguccaa.....  | 1  | 0 | E23 |
| .....ugcuguuuacacuguccaau.....   | 3  | 0 | E23 |
| .....ugcuguuuacacuguccaauu.....  | 3  | 0 | E23 |
| .....ugcuguuuacacuguccaauua.....   | 11 | 0 | E23 |
| .....uUcuguuuacacuguccaauua.....   | 1  | 1 | E23 |
| .....ugcuguuuacacuguccaauuaA.....  | 1  | 1 | E23 |
| .....ugcuguuuacacuguccaauuaU.....  | 1  | 1 | E23 |
| .....ugcuguuuacacuguccaauuaguuuaua <u>u</u> .....  | 1  | 0 | E23 |
| .....ccugguccagugagacaacag.....  | 7  | 0 | E23 |
| .....ccugguccagugagacaacagc.....   | 9  | 0 | E23 |
| .....Cugcuguuuacacuguccaauu.....   | 1  | 1 | H32 |
| .....ugcuguuuacacuguccU.....   | 1  | 1 | H32 |
| .....ugcuguuuacacuguccaau.....   | 1  | 0 | H32 |
| .....ugcuguuuacacuguccaauu.....  | 9  | 0 | H32 |
| .....ugcuguuuacacuguccaauua.....   | 19 | 0 | H32 |
| .....ugcuguuuacacuguccaauuaA.....  | 1  | 1 | H32 |
| .....ugcuguuuacacuguccaauuaUuu.....  | 1  | 1 | H32 |
| .....ugcuguuuacacuguccaauuaguuuaua <u>u</u> .....  | 1  | 0 | H32 |
| .....ccugguccagugagacaacag.....  | 7  | 0 | H32 |
| .....ccugguccagugagacaacaA.....  | 1  | 1 | H32 |
| .....ccugguccagugagacaacagc.....   | 1  | 0 | H32 |
| .....ugggugcuguuuacacugucc.....  | 1  | 0 | H52 |
| .....ugggugcuguuuacacugucca.....   | 1  | 0 | H52 |
| .....ugcuguuuacacuguccaa.....  | 1  | 0 | H52 |
| .....ugcuguuuacacuguccaau.....   | 1  | 0 | H52 |
| .....ugcuguuuacacuguccaauu.....  | 7  | 0 | H52 |
| .....ugcuguuuacacuguccaauua.....   | 13 | 0 | H52 |
| .....ugcuguuuacacuguccaauuaU.....  | 2  | 1 | H52 |
| .....uuaua <u>u</u> cuaccugguccag.....   | 1  | 0 | H52 |
| .....ccugguccagugagacaaca.....   | 1  | 0 | H52 |
| .....ccugguccagugagacaacag.....  | 13 | 0 | H52 |
| .....ccugguccagugagacaacagc.....   | 1  | 0 | H52 |
| .....ccugguccagugagacaacagcu.....  | 1  | 0 | H52 |
| .....guccagugagacaacagcCggc.....   | 2  | 1 | H52 |
| .....ugggugcuguuuacacugucc.....  | 1  | 0 | H72 |
| .....ugcuguuuacacuguccaauu.....  | 6  | 0 | H72 |

## Mature

## Star

|   |    |   |     |
|---|----|---|-----|
| uguguuugcuuguaucugggugcuguuucacuaaguccaauuaguuuaua <u>u</u> cuaccugguccagugagacaacagcugggcugcagguccaucaacggagagacauggaagaau |    |   |     |
| .....ugcuguuucacuaaguccaauua.....   | 10 | 0 | H72 |
| .....ugcuguuucacuaaguccaauuaU.....  | 3  | 1 | H72 |
| .....ugcuguuucacuaaguccaauuag.....  | 1  | 0 | H72 |
| .....ugcuguuucacuaaguccaauuaguuuaua <u>u</u> cuaccugguccU.....  | 1  | 1 | H72 |
| .....ccugguccagugagacaacag.....   | 6  | 0 | H72 |
| .....ccugguccagugagacaacagc.....  | 5  | 0 | H72 |
| .....ugcuguuucacuaaguccaau.....   | 1  | 0 | R71 |
| .....ugcuguuucacuaaguccaauu.....  | 9  | 0 | R71 |
| .....ugcuguuucacuaaguccaauua.....   | 17 | 0 | R71 |
| .....ugcuguuucacuaaguccaauuaA.....  | 1  | 1 | R71 |
| .....ugcuguuucacuaaguccaauuaguuuaua <u>u</u> cuaccugguccA.....  | 1  | 0 | R71 |
| .....ccugguccagugagacaacag.....   | 6  | 0 | R71 |
| .....ccugguccagugagacaacagc.....  | 3  | 0 | R71 |
| .....ccugguccagugagacaacagcu.....   | 1  | 0 | R71 |
| .....ugcuguuucacuaaguccaauu.....  | 1  | 0 | A31 |
| .....ugcuguuucacuaaguccaauua.....   | 9  | 0 | A31 |
| .....ugcuguuucacuaaguccaauuG.....   | 1  | 1 | A31 |
| .....ugcuguuucacuaaguccaauuaU.....  | 1  | 1 | A31 |
| .....ugcuguuucacuaaguccaauuag.....  | 1  | 0 | A31 |
| .....ugcuguuucacuaaguccaauuaguuuaua <u>u</u> cuaccuggucc.....   | 1  | 1 | A31 |
| .....ugcuguuucacuaaguccaauuaguuuaua <u>u</u> cuaccuggucc.....   | 1  | 0 | A31 |
| .....ugcuguuucacuaaguccaauuaguuuaua <u>u</u> cuaccugguccA.....  | 1  | 1 | A31 |
| .....ccugguccagugagacaaca.....  | 1  | 0 | A31 |
| .....ccugguccagugagacaacag.....   | 8  | 0 | A31 |
| .....ccugguccagugagacaacagc.....  | 1  | 1 | A31 |
| .....Cugcuguuucacuaaguccaauua.....  | 1  | 1 | A22 |
| .....ugcuguuucacuaaguccaauu.....  | 5  | 0 | A22 |
| .....ugcuguuucacuaaguccaauua.....   | 19 | 0 | A22 |
| .....ugcuguuucacuaaguccaauuU.....   | 1  | 1 | A22 |
| .....ugcuguuucacuaaguccaauuaguuuaua <u>u</u> cuaccugguccU.....  | 1  | 1 | A22 |
| .....ugcuguuucacuaaguccaauuaguuuaua <u>u</u> cuaccugguccUu.....   | 1  | 1 | A22 |
| .....ugcuguuucacuaaguccaauuaguuuaua <u>u</u> cuaccugguccaguA.....   | 2  | 1 | A22 |
| .....ugcuguuucacuaaguccaauuaguuuaua <u>u</u> cuaccugguccagugagaca.....  | 1  | 0 | A22 |
| .....cuguuucacuaaguccaauua.....   | 1  | 0 | A22 |
| .....ccugguccagugagacaacag.....   | 12 | 0 | A22 |
| .....ccugguccagugagacaacagc.....  | 2  | 0 | A22 |
| .....ugcuguuucacuaaguccaauu.....  | 3  | 0 | H24 |
| .....ugcuguuucacuaaguccaauua.....   | 10 | 0 | H24 |
| .....ugcuguuucacuaaguccaauuaU.....  | 1  | 1 | H24 |
| .....ugcuguuucacuaaguccaauuaA.....  | 2  | 1 | H24 |
| .....ugcuguuucacuaaguccaauuag.....  | 1  | 0 | H24 |
| .....ugcuguuucacuaaguccaauuaguuuaua <u>u</u> cuaccugguccag.....   | 2  | 0 | H24 |
| .....ugcuguuucacuaaguccaauuaguuuaua <u>u</u> cuaccugguccagugagaca.....  | 1  | 0 | H24 |
| .....ccugguccagugagacaacag.....   | 24 | 0 | H24 |
| .....ccugguccagugagacaacagc.....  | 2  | 0 | H24 |
| .....ccugguccagugagacaacagcu.....   | 1  | 0 | H24 |
| .....ugcuguuucacuaaguccaau.....   | 4  | 0 | H51 |
| .....ugcuguuucacuaaguccaauu.....  | 14 | 0 | H51 |
| .....ugcuguuucacuaaguccaauua.....   | 22 | 0 | H51 |
| .....ugcuguuucacuaaguccaauuaU.....  | 3  | 1 | H51 |
| .....ugcuguuucacuaaguccaauuaC.....  | 1  | 1 | H51 |
| .....ugcuguuucacuaaguccaauuaA.....  | 5  | 1 | H51 |
| .....ugcuguuucacuaaguccaauuaUu.....   | 1  | 1 | H51 |
| .....ugcuguuucacuaaguccaauuaUuu.....  | 1  | 1 | H51 |
| .....ugcuguuucacuaaguccaauuaguuuaua <u>u</u> cuaccugguccaU.....   | 1  | 1 | H51 |
| .....ugcuguuucacuaaguccaauuaguuuaua <u>u</u> cuaccugguccag.....   | 1  | 0 | H51 |
| .....ccugguccagugagacaaca.....  | 1  | 0 | H51 |
| .....ccugguccagugagacaacag.....   | 18 | 0 | H51 |
| .....ccugguccagugagacaacagc.....  | 8  | 0 | H51 |
| .....ccugguccagugagacaacagcA.....   | 1  | 1 | H51 |
| .....Cugcuguuucacuaaguccaauua.....  | 1  | 1 | H14 |
| .....ugcuguuucacuaaguccaau.....   | 1  | 0 | H14 |
| .....ugcuguuucacuaaguccaauu.....  | 8  | 0 | H14 |
| .....ugcuguuucacuaaguccaauuU.....   | 1  | 1 | H14 |

## Mature

## Star

|  |    |   |     |
|--|----|---|-----|
| uguguuugcuuguaucugggugcuguuucacuaaguccaauuaguuuaua <u>u</u> cuac <u>cc</u> ugguccagugagacaacagcuggcugcagguccaucaacggagagacauggaagaau |    |   |     |
| .....ugcuguuuacacuaaguccaauua.....   | 22 | 0 | H14 |
| .....ugcuguuuacacuaaguccaauuaA.....  | 1  | 1 | H14 |
| .....ugcuguuuacacuaaguccaauuaU.....  | 2  | 1 | H14 |
| .....ugcuguuuacacuaaguccaauuaUu.....   | 1  | 1 | H14 |
| .....ugcuguuuacacuaaguccaauuaguuuaua <u>u</u> cuac <u>cc</u> uggucc.....   | 2  | 0 | H14 |
| .....ugcuguuuacacuaaguccaauuaguuuaua <u>u</u> cuac <u>cc</u> uggucca.....  | 2  | 0 | H14 |
| .....ugcuguuuacacuaaguccaauuaguuuaua <u>u</u> cuac <u>cc</u> ugguccU.....  | 1  | 1 | H14 |
| .....ugcuguuuacacuaaguccaauuaguuuaua <u>u</u> cuac <u>cc</u> ugguccag.....   | 5  | 0 | H14 |
| .....ugcuguuuacacuaaguccaauuaguuuaua <u>u</u> cuac <u>cc</u> ugguccaU.....   | 2  | 1 | H14 |
| .....ugcuguuuacacuaaguccaauuaguuuaua <u>u</u> cuac <u>cc</u> ugguccagu.....  | 5  | 0 | H14 |
| .....ccugguccagugagacaacag.....  | 16 | 0 | H14 |
| .....ccugguccagugagacaacagc.....   | 6  | 0 | H14 |
| .....ccugguccagugagacaacagcu.....  | 2  | 0 | H14 |
| .....ugcuguuuacacuaaguccaau.....   | 3  | 0 | A63 |
| .....ugcuguuuacacuaaguccaauu.....  | 1  | 0 | A63 |
| .....ugcuguuuacacuaaguccaauua.....   | 9  | 0 | A63 |
| .....ccugguccagugagacaacag.....  | 2  | 0 | A63 |
| .....ccugguccagugagacaacagc.....   | 1  | 0 | A63 |
| .....cugguccagugagacaacag.....   | 1  | 0 | A63 |
| .....ugcuguuuacacuaaguccaauu.....  | 8  | 0 | H12 |
| .....ugcuguuuacacuaaguccaauua.....   | 16 | 0 | H12 |
| .....ugcuguuuacacuaaguccaauuaU.....  | 1  | 1 | H12 |
| .....ugcuguuuacacuaaguccaCuuag.....  | 1  | 1 | H12 |
| .....ugcuguuuacacuaaguccaauuaguuuaua <u>u</u> cuac <u>cc</u> ugguccU.....  | 1  | 1 | H12 |
| .....ugcuguuuacacuaaguccaauuaguuuaua <u>u</u> cuac <u>cc</u> ugguccagu.....  | 1  | 0 | H12 |
| .....ccugguccagugagacaac.....  | 1  | 0 | H12 |
| .....ccugguccagugagacaacag.....  | 11 | 0 | H12 |
| .....ccugguccagugagacaacagc.....   | 8  | 0 | H12 |
| .....ugcuguuuacacuaaguccaauu.....  | 1  | 0 | T72 |
| .....ugcuguuuacacuaaguccaauua.....   | 11 | 0 | T72 |
| .....ugcuguuuacacuaaguccaauuaA.....  | 1  | 1 | T72 |
| .....ugcuguuuacacuaaguccaauuaguuuaua <u>u</u> .....  | 1  | 0 | T72 |
| .....ccugguccagugagacaacag.....  | 1  | 0 | T72 |
| .....ccugguccagugagacaacagc.....   | 1  | 0 | T72 |
| .....ugcuguuuacacuaaguccaau.....   | 1  | 0 | A12 |
| .....ugcuguuuacacuaaguccaauua.....   | 15 | 0 | A12 |
| .....ugcuguuuacacuaaguccaauuaA.....  | 2  | 1 | A12 |
| .....ugcuguuuacacuaaguccaauuaguuuaua <u>u</u> .....  | 1  | 0 | A12 |
| .....ugcuguuuacacuaaguccaauuaguuuaua <u>u</u> cu.....  | 1  | 0 | A12 |
| .....ugcuguuuacacuaaguccaauuaguuuaua <u>u</u> cuac <u>cc</u> uggucca.....  | 1  | 0 | A12 |
| .....ccugguccagugagacaacag.....  | 7  | 0 | A12 |
| .....ccugguccagugagacaacagU.....   | 1  | 1 | A12 |
| .....ccugguccagugagacaacagc.....   | 3  | 0 | A12 |
| .....ugcuguuuacacuaaguccaau.....   | 2  | 0 | H03 |
| .....ugcuguuuacacuaaguccaauu.....  | 2  | 0 | H03 |
| .....ugcuguuuacacuaaguccaauua.....   | 18 | 0 | H03 |
| .....ugcuguuuacacuaaguccaauuagC.....   | 1  | 1 | H03 |
| .....ugcuguuuacacuaaguccaauuaguuuaua <u>u</u> cuac <u>cc</u> ugguccag.....   | 2  | 0 | H03 |
| .....ugcuguuuacacuaaguccUauuaguuuaua <u>u</u> cuac <u>cc</u> ugguccagu.....  | 1  | 1 | H03 |
| .....ugcuguuuacacuaaguccaauuaguuuaua <u>u</u> cuac <u>cc</u> ugguccagu.....  | 1  | 0 | H03 |
| .....ugcuguuuacacuaaguccaauuaguuuaua <u>u</u> cuac <u>cc</u> ugguccagugagaca.....  | 1  | 0 | H03 |
| .....ccugguccagugagacaaca.....   | 1  | 0 | H03 |
| .....ccugguccagugagacaacag.....  | 15 | 0 | H03 |
| .....Acugguccagugagacaacag.....  | 1  | 1 | H03 |
| .....ccugguccagugagacaacagc.....   | 12 | 0 | H03 |
| .....ccugguccagugagacGacagc.....   | 1  | 1 | H03 |
| .....ccugguccagugagacaacagcu.....  | 2  | 0 | H03 |
| .....ccugguccagugagacaacagcC.....  | 1  | 1 | H03 |
| .....guccagugagacaacagcCggc.....   | 1  | 1 | H03 |
| .....guccagugagacaacagcCggcu.....  | 1  | 1 | H03 |
| .....ugcuguuuacacuaaguccaauu.....  | 2  | 0 | B03 |
| .....ugcuguuuacacuaaguccaauua.....   | 7  | 0 | B03 |
| .....ccugguccagugagacaacag.....  | 2  | 0 | B03 |
| .....ccugguccagugagacaacagc.....   | 2  | 0 | B03 |



## Mature

## Star

uguguuugcuugaucugggugcuguuucacuaguccaauuaguuuauaucuaccugguccagugagacaacagcuggcugcagguccaucaacggagagacauggaagaau

|   |    |   |     |
|---|----|---|-----|
| .....ugcuguuucac <u>uaguccaau</u> .....                               | 1  | 0 | A54 |
| .....ugcuguuucac <u>uaguccaauu</u> .....                              | 5  | 0 | A54 |
| .....ugcuguuucac <u>uaguccaauu</u> aguuuauaucuaccuggucc.....          | 1  | 0 | A54 |
| .....ccugguccagugagacaacag.....                                       | 3  | 0 | A54 |
| .....ccugguccagugagacaacagc.....                                      | 2  | 0 | A54 |
| .....ugcuguuucac <u>uaguccaau</u> .....                               | 1  | 0 | H23 |
| .....ugcuguuucac <u>uaguccaauu</u> .....                              | 9  | 0 | H23 |
| .....ugcuguuucac <u>uaguccaauu</u> a.....                             | 20 | 0 | H23 |
| .....ugcuguuucac <u>uaguccaauu</u> aA.....                            | 3  | 1 | H23 |
| .....ugcuguuucac <u>uaguccaauu</u> aU.....                            | 2  | 1 | H23 |
| .....ugcuguuucac <u>uaguccaauu</u> aguuuauauc.....                    | 1  | 0 | H23 |
| .....ugcuguuucac <u>uaguccaauu</u> aguuuauaucuaccuggucc.....          | 1  | 0 | H23 |
| .....ugcuguuucac <u>uaguccaauu</u> aguuuauaucuaccugguccagu.....       | 2  | 0 | H23 |
| .....ccugguccagugagacaacag.....                                       | 27 | 0 | H23 |
| .....ccugguccagugagacaacagc.....                                      | 2  | 0 | H23 |
| .....ugcuguuucac <u>uaguccaau</u> .....                               | 6  | 0 | A43 |
| .....ugcuguuucac <u>uaguccaauu</u> .....                              | 3  | 0 | A43 |
| .....ugcuguuucac <u>uaguccaauu</u> a.....                             | 8  | 0 | A43 |
| .....ugcuguuucac <u>uaguccaauu</u> aU.....                            | 2  | 1 | A43 |
| .....ccugguccagugagacaacag.....                                       | 6  | 0 | A43 |
| .....ccugguccagugUgacaacag.....                                       | 1  | 1 | A43 |
| .....ccugguccagugagacaacagc.....                                      | 2  | 0 | A43 |
| .....ugcuguuucac <u>uaguccaau</u> .....                               | 1  | 0 | A01 |
| .....ugcuguuucac <u>uaguccaauu</u> .....                              | 6  | 0 | A01 |
| .....ugcuguuucac <u>uaguccaauu</u> U.....                             | 1  | 1 | A01 |
| .....ugcuguuucac <u>uaguccaauu</u> a.....                             | 10 | 0 | A01 |
| .....ugcuguuucac <u>uaguccaauu</u> aguuuauaucua.....                  | 1  | 0 | A01 |
| .....ugcuguuucac <u>uaguccaauu</u> aguuuauaucuaccugguccaU.....        | 1  | 1 | A01 |
| .....ugcuguuucac <u>uaguccaauu</u> aguuuauaucuaccugguccagu.....       | 1  | 0 | A01 |
| .....ccugguccagugagacaacag.....                                       | 19 | 0 | A01 |
| .....ccugguccagugagacaacagc.....                                      | 6  | 0 | A01 |
| .....ugcuguuucac <u>uaguccaau</u> .....                               | 3  | 0 | A44 |
| .....ugcuguuucac <u>uaguccaauu</u> .....                              | 5  | 0 | A44 |
| .....ugcuguuucac <u>uaguccaauu</u> a.....                             | 11 | 0 | A44 |
| .....ugcuguuucac <u>uaguccaauu</u> aA.....                            | 1  | 1 | A44 |
| .....ugcuguuucac <u>uaguccaauu</u> aguuuauaucuaccuggucc.....          | 1  | 0 | A44 |
| .....ugcuguuucac <u>uaguccaauu</u> aguuuauaucuaccugguccag.....        | 2  | 0 | A44 |
| .....ccugguccagugagacaac.....   | 1  | 0 | A44 |
| .....ccugguccagugagacaacag.....                                       | 3  | 0 | A44 |
| .....ccugguccagugagacaacagc.....                                      | 2  | 0 | A44 |
| .....ugcuguuucac <u>uaguccaauu</u> a.....                             | 10 | 0 | A11 |
| .....ccugguccagugagacaaca.....  | 1  | 0 | A11 |
| .....ccugguccagugagacaacag.....                                       | 6  | 0 | A11 |
| .....ccugguccagugagacaacagc.....                                      | 2  | 0 | A11 |
| .....ugcuguuucac <u>uaguccaauu</u> .....                              | 1  | 0 | E01 |
| .....ugcuguuucac <u>uaguccaauu</u> U.....                             | 1  | 1 | E01 |
| .....ugcuguuucac <u>uaguccaauu</u> a.....                             | 10 | 0 | E01 |
| .....ugcuguuucac <u>uaguccaauu</u> aguuuauaucuaccuggucca.....         | 1  | 0 | E01 |
| .....ugcuguuucac <u>uaguccaauu</u> aguuuauaucuaccugguccaAu.....       | 1  | 1 | E01 |
| .....ugcuguuucac <u>uaguccaauu</u> aguuuauaucuaccugguccagugagaca..... | 1  | 0 | E01 |
| .....accugguccagugagacaacag.....                                      | 2  | 0 | E01 |
| .....ccugguccagugagacaacag.....                                       | 18 | 0 | E01 |
| .....ccugguccagugagacaacagU.....                                      | 1  | 1 | E01 |
| .....ccugguccagugagacaacagc.....                                      | 8  | 0 | E01 |
| .....ugcuguuucac <u>uaguccaauu</u> .....                              | 1  | 0 | B11 |
| .....ugcuguuucac <u>uaguccaauu</u> a.....                             | 6  | 0 | B11 |
| .....ugcuguuucac <u>uaguccaauu</u> aA.....                            | 1  | 1 | B11 |
| .....ccugguccagugagacaacag.....                                       | 2  | 0 | B11 |
| .....ccugguccagugagacaacagc.....                                      | 6  | 0 | B11 |
| .....ugcuguuucac <u>uaguccaauu</u> .....                              | 4  | 0 | E13 |
| .....ugcuguuucac <u>uaguccaauu</u> a.....                             | 26 | 0 | E13 |

## Mature

## Star

|  |    |   |     |
|--|----|---|-----|
| uguguuugcuugaucugggugcuguuuacacuguccaauuaguuuauaucuaccugguccagugagacaacagcugggcugcagguccaucaacggagagacauggaagaau |    |   |     |
| .....ugcuguuuacacuguccaauuag.....  | 1  | 0 | E13 |
| .....ugcuguuuacacuguccaauuaA.....  | 2  | 1 | E13 |
| .....ugcuguuuacacuguccaauuaU.....  | 1  | 1 | E13 |
| .....ugcuguuuacacuguccaauuaguuuau.....   | 1  | 0 | E13 |
| .....ugcuguuuacacuguccaauuaguuuauauc.....  | 1  | 0 | E13 |
| .....ugcuguuuacacuguccaauuaguuuauauU.....  | 1  | 1 | E13 |
| .....ugcuguuuacacuguccaauuaguuuauaucuaccugguccU.....   | 1  | 1 | E13 |
| .....ugcuguuuacacuguccaauuaguuuauaucuaccugguccaU.....  | 1  | 1 | E13 |
| .....ugcuguuuacacuguccaauuaguuuauaucuaccugguccagu.....   | 1  | 0 | E13 |
| .....uuuauaucuaccugguccagugagacaacag.....  | 1  | 0 | E13 |
| .....ccugguccagugagacaacag.....  | 13 | 0 | E13 |
| .....ccugguccagugagacaacagc.....   | 9  | 0 | E13 |
| .....ccugguccagugagacaacagcu.....  | 1  | 0 | E13 |
| .....guccagugagacaacagcuggc.....   | 1  | 0 | E13 |
| .....ugcuguuuacacuguccaau.....   | 4  | 0 | H71 |
| .....ugcuguuuacacuguccaauu.....  | 9  | 0 | H71 |
| .....ugcuguuuacacuguccaauua.....   | 13 | 0 | H71 |
| .....ugcuguuuacacuguccaauuaguuuauauc.....  | 1  | 0 | H71 |
| .....ccugguccagugagacaacag.....  | 5  | 0 | H71 |
| .....ccGgguccagugagacaacag.....  | 1  | 1 | H71 |
| .....ccugguccagugagacaacagc.....   | 4  | 0 | H71 |
| .....ccugguccagugagacaacagU.....   | 1  | 1 | H71 |
| .....ugcuguuuacacuguccaau.....   | 1  | 0 | H34 |
| .....ugcuguuuacacuguccaauu.....  | 4  | 0 | H34 |
| .....ugcuguuuacacuguccaauua.....   | 16 | 0 | H34 |
| .....ugcuguuuacacuguccAaauua.....  | 1  | 1 | H34 |
| .....ugcuguuuacacuguccaauuaU.....  | 1  | 1 | H34 |
| .....ugcuguuuacacuguccaauuag.....  | 2  | 0 | H34 |
| .....ugcuguuuacacuguccaauuaguuuauauc.....  | 2  | 0 | H34 |
| .....ugcuguuuacacuguccaauuaguuuauauU.....  | 1  | 1 | H34 |
| .....ugcuguuuacacuguccaauuaguuuauaucuaccugguccagugagaca.....   | 1  | 0 | H34 |
| .....ccugguccagugagacaacag.....  | 9  | 0 | H34 |
| .....ccugguccagugagacaacagc.....   | 3  | 0 | H34 |
| .....ugcuguuuacacuguccaau.....   | 1  | 0 | A64 |
| .....ugcuguuuacacuguccaaA.....   | 1  | 1 | A64 |
| .....ugcuguuuacacuguccaauu.....  | 2  | 0 | A64 |
| .....ugcuguuuacacCaguccaauua.....  | 1  | 1 | A64 |
| .....ugcuguuuacacuguccaauua.....   | 11 | 0 | A64 |
| .....ugcuguuuacacuguccaauuaU.....  | 1  | 1 | A64 |
| .....ccugguccagugagacaaca.....   | 1  | 0 | A64 |
| .....ccugguccagugagacaacag.....  | 3  | 0 | A64 |
| .....ccugguccagugagacaacagc.....   | 1  | 0 | A64 |
| .....ugcuguuuacacuguccaau.....   | 2  | 0 | T71 |
| .....ugcuguuuacacuguccaauu.....  | 4  | 0 | T71 |
| .....ugcuguuuacacuguccaauuU.....   | 1  | 1 | T71 |
| .....ugcuguuuacacuguccaauG.....  | 1  | 1 | T71 |
| .....ugcuguuuacacuguccaauua.....   | 9  | 0 | T71 |
| .....ugcuguuuacacuguccaauuaU.....  | 1  | 1 | T71 |
| .....accugguccagugagacaacag.....   | 1  | 0 | T71 |
| .....ccugguccagugagacaaca.....   | 1  | 0 | T71 |
| .....ccugguccagugagacaacag.....  | 6  | 0 | T71 |
| .....ccuggAaccagugagacaacagc.....  | 1  | 1 | T71 |
| .....ccugguccagugagacaacagc.....   | 2  | 0 | T71 |
| .....ccugguccagugagacaacagcA.....  | 1  | 1 | T71 |
| .....ugcuguuuacacuguccaauu.....  | 2  | 0 | A02 |
| .....ugcuguuuacacuguccaauua.....   | 17 | 0 | A02 |
| .....ugcuguuuacacuguccaauuaA.....  | 2  | 1 | A02 |
| .....ugcuguuuacacuguccaauuaguuuauaucuaccuggucc.....  | 2  | 0 | A02 |
| .....accugguccagugagacaacag.....   | 1  | 0 | A02 |
| .....ccugguccagugagacaacag.....  | 9  | 0 | A02 |
| .....ccugguccagugagacaacagc.....   | 6  | 0 | A02 |
| .....ugcuguuuacacuguccaauua.....   | 3  | 0 | B14 |
| .....ccugguccagugagacaacag.....  | 1  | 0 | B14 |
| .....ccugguccagugagacaacagcu.....  | 1  | 0 | B14 |

## Mature

## Star

uguguuugcuuguaucugggugcuguuucacuaguccaauuaguuuauaucuaccugguccagugagacaacagcuggcugcagguccaucaacggagagacauggaagaau

|  |    |   |     |
|--|----|---|-----|
| .....ugcuguuucacuaguccaauu.....                              | 6  | 0 | B12 |
| .....ugcuguuucacuaguccaauuU.....                             | 1  | 1 | B12 |
| .....ugcuguuucacuaguccaauua.....                             | 11 | 0 | B12 |
| .....ugcuguuucacuaguccaauuaguuua.....                        | 1  | 0 | B12 |
| .....ugcuguuucacuaguccaauuaguuuauaucuaccugguccagugagaca..... | 1  | 0 | B12 |
| .....guuucacuaguccaauuG.....                                 | 1  | 1 | B12 |
| .....ccugguccagugagacaacag.....                              | 3  | 0 | B12 |
| .....ccugguccagugagacaacagc.....                             | 6  | 0 | B12 |
| .....ccugguccagugagacaacagcu.....                            | 1  | 0 | B12 |
| .guguuugcuuguaucuggg.....                                    | 1  | 0 | E02 |
| .....ugcuguuucacuaguccaau.....                               | 2  | 0 | E02 |
| .....ugcuguuucacuaguccaauu.....                              | 6  | 0 | E02 |
| .....ugcuguuucacuaguccaauuC.....                             | 1  | 1 | E02 |
| .....ugcuguuucacuaguccaauua.....                             | 21 | 0 | E02 |
| .....ugcuguuucacuaguccaauuaA.....                            | 2  | 1 | E02 |
| .....ugcuguuucacuaguccaauuaguuuauauc.....                    | 2  | 0 | E02 |
| .....ugcuguuucacuaguccaauuaguuuauaucuaccuggucc.....          | 1  | 0 | E02 |
| .....ugcuguuucacuaguccaauuaguuuauaucuaccugguccag.....        | 1  | 0 | E02 |
| .....ugcuguuucacuaguccaauuaguuuauaucuaccugguccaU.....        | 1  | 1 | E02 |
| .....ugcuguuucacuaguccaauuaguuuauaucuaccugguccaUu.....       | 1  | 1 | E02 |
| .....ugcuguuucacuaguccaauuaguuuauaucuaccugguccagu.....       | 1  | 0 | E02 |
| .....ccugguccagugagacaacag.....                              | 14 | 0 | E02 |
| .....ccugguccagugagacaacagc.....                             | 7  | 0 | E02 |
| .....ugcuguuucacuaguccaau.....                               | 1  | 0 | A51 |
| .....ugcuguuucacuaguccaauu.....                              | 4  | 0 | A51 |
| .....ugcuguuucacuaguccaauua.....                             | 6  | 0 | A51 |
| .....ccugguccagugagacaacag.....                              | 11 | 0 | A51 |
| .....ccugguccagugagacaacagc.....                             | 1  | 0 | A51 |
| .....ugcuguuucacuaguccaauu.....                              | 4  | 0 | A13 |
| .....ugcuguuucacuaguccaauua.....                             | 11 | 0 | A13 |
| .....ugcuguuucacuaguccaauuaU.....                            | 1  | 1 | A13 |
| .....ugcuguuucacuaguccaauuaguuuauaucuaccugguccU.....         | 2  | 1 | A13 |
| .....ugcuguuucacuaguccaauuaguuuauaucuaccugguccaUu.....       | 1  | 1 | A13 |
| .....ugcuguuucacuaguccaauuaguuuauaucuaccugguccagu.....       | 3  | 0 | A13 |
| .....ccugguccagugagacaacag.....                              | 10 | 0 | A13 |
| .....ccugguccagugagacaacGg.....                              | 1  | 1 | A13 |
| .....ccugguccagugagacaacagc.....                             | 2  | 0 | A13 |
| .....ugcuguuucacuaguccaau.....                               | 3  | 0 | E72 |
| .....ugcuguuucacuaguccaauu.....                              | 1  | 1 | E72 |
| .....ugcuguuucacuaguccaauu.....                              | 12 | 0 | E72 |
| .....ugcuguuucacuaguccaauua.....                             | 12 | 0 | E72 |
| .....ugcuguuucacuaguccaauuaA.....                            | 1  | 1 | E72 |
| .....ugcuguuucacuaguccaauuaguuuauaucuaccuggucc.....          | 1  | 0 | E72 |
| .....ugcuguuucacuaguccaauuaguuuauaucuaccugguccaA.....        | 1  | 1 | E72 |
| .....ccugguccagugagacaacag.....                              | 6  | 0 | E72 |
| .....ccugguccagugagacaacagc.....                             | 2  | 0 | E72 |
| .....ccugguccagugagacaacagcA.....                            | 1  | 1 | E72 |
| .....ugcuguuucacuaguccaau.....                               | 1  | 0 | E73 |
| .....ugcuguuucacuaguccaauu.....                              | 6  | 0 | E73 |
| .....ugcuguuucacuaguccaauua.....                             | 8  | 0 | E73 |
| .....ugcuguuucacuaguccaauuaU.....                            | 2  | 1 | E73 |
| .....ccugguccagugagacaacag.....                              | 1  | 0 | E73 |
| .....cGugguccagugagacaacag.....                              | 1  | 1 | E73 |
| .....ccugguccagugagacaacagc.....                             | 3  | 0 | E73 |
| .....ugcuguuucacuaguccaau.....                               | 2  | 0 | E74 |
| .....ugcuguuucacuaguccaauu.....                              | 6  | 0 | E74 |
| .....ugcuguuucacuaguccaauua.....                             | 8  | 0 | E74 |
| .....ugcuguuucacuaguccaauuaU.....                            | 2  | 1 | E74 |
| .....ugcuguuucacuaguccaauuag.....                            | 2  | 0 | E74 |
| .....ugcuguuucacuaguccaauuaguuuauauc.....                    | 1  | 0 | E74 |
| .....ugcuguuucacuaguccaauuaguuuauaucuaccugguccagugagaca..... | 1  | 0 | E74 |
| .....accugguccagugagacaacag.....                             | 1  | 0 | E74 |
| .....ccugguccagugagacaacag.....                              | 5  | 0 | E74 |

## Mature

## Star

|  |    |   |     |
|--|----|---|-----|
| uguguuugcuuguaucugggugcuguuucacuaaguccaauuaguuuaua <u>ucua</u> ccugguccagugagacaacagcuggcgucagguccaucaacggagagacauggaagaau |    |   |     |
| .....ccugguccagugagacaacagc.....   | 5  | 0 | E74 |
| .....ugcuguuucacuaaguccaau.....  | 5  | 0 | A62 |
| .....ugcuguuucacuaaguccaauu.....   | 1  | 0 | A62 |
| .....ugcuguuucacuaaguccaauua.....  | 10 | 0 | A62 |
| .....ugcuguuucacuaaguccaauuaU.....   | 1  | 1 | A62 |
| .....ugcuguuucacuaaguccaauuaguuuaua <u>ucua</u> ccugguccU.....   | 2  | 1 | A62 |
| .....ccugguccagugagacaacag.....  | 7  | 0 | A62 |
| .....ccugguccagugagacaacagc.....   | 1  | 0 | A62 |
| .....ugcuguuucacuaaguccaau.....  | 8  | 0 | E04 |
| .....ugcuguuGcacuaaguccaauua.....  | 1  | 1 | E04 |
| .....ugcuguuucacuaaguccaauua.....  | 36 | 0 | E04 |
| .....ugcuguuucacuaaguccaauuaA.....   | 4  | 1 | E04 |
| .....ugcuguuucacuaaguccaauuaguuuaua <u>ucua</u> ccugguccag.....  | 1  | 0 | E04 |
| .....ugcuguuucacuaaguccaauuaguuuaua <u>ucua</u> ccugguccagu.....   | 1  | 0 | E04 |
| .....ugcuguuucacuaaguccaauuaguuuaua <u>ucua</u> ccugguccaguU.....  | 1  | 1 | E04 |
| .....ccGgguccagugagacaacag.....  | 1  | 1 | E04 |
| .....ccugguccagugagacaacag.....  | 15 | 0 | E04 |
| .....ccugguccagugagacaacagc.....   | 15 | 0 | E04 |
| .....ugcuguuucacuaaguccaau.....  | 1  | 0 | T74 |
| .....ugcuguuucacuaaguccaauu.....   | 3  | 0 | T74 |
| .....ugcuguuucacuaaguccaauua.....  | 2  | 0 | T74 |
| .....ugcuguuucacuaaguccaauuaU.....   | 1  | 1 | T74 |
| .....ccugguccagugagacaacag.....  | 6  | 0 | T74 |
| .....ccugguccagugagacaacagc.....   | 2  | 0 | T74 |
| .....ugcuguuucacuaaguccaau.....  | 2  | 0 | T73 |
| .....ugcuguuucacuaaguccaauu.....   | 12 | 0 | T73 |
| .....ugcuguuucacuaagucGaauua.....  | 1  | 1 | T73 |
| .....ugcuguuucacuaaguccaauua.....  | 8  | 0 | T73 |
| .....ugcuguuucacuaaguccaauuaU.....   | 2  | 1 | T73 |
| .....ugcuguuucacuaaguccaauuaguuuaua <u>ucua</u> ccu.....   | 1  | 0 | T73 |
| .....ugcuguuucacuaaguccaauuaguuuaua <u>ucua</u> ccuggucc.....  | 1  | 0 | T73 |
| .....ugcuguuucacuaaguccaauuaguuuaua <u>ucua</u> ccugguccag.....  | 1  | 0 | T73 |
| .....ugcuguuucacuaaguccaauuaguuuaua <u>ucua</u> ccugguccagu.....   | 1  | 0 | T73 |
| .....ccugguccagugagacaacag.....  | 16 | 0 | T73 |
| .....ccugguccagugagacaacagc.....   | 1  | 0 | T73 |
| .....ccugguccagugagacaacagcA.....  | 1  | 1 | T73 |
| .....ugcuguuucacuaaguccaau.....  | 5  | 0 | H41 |
| .....ugcuguuucacuaaguccaauu.....   | 9  | 0 | H41 |
| .....ugcuguuucacuaaguccaauua.....  | 19 | 0 | H41 |
| .....ugcuguuucacuaaguccaauuaA.....   | 7  | 1 | H41 |
| .....ugcuguuucacuaaguccaauuaU.....   | 1  | 1 | H41 |
| .....ugcuguuucacuaaguccaauuagu.....  | 1  | 0 | H41 |
| .....ccugguccagugagacaaca.....   | 1  | 0 | H41 |
| .....ccugguccagugagacaacag.....  | 15 | 0 | H41 |
| .....ccugguccagugagacaacagc.....   | 2  | 0 | H41 |
| .....ugcuguuucacuaaguccaau.....  | 2  | 0 | E24 |
| .....ugcuguuucacuaaguccaauu.....   | 12 | 0 | E24 |
| .....ugcuguuucacuaaguccaauua.....  | 21 | 0 | E24 |
| .....ugcuguuucacuaagucGaauua.....  | 1  | 1 | E24 |
| .....ugcuguuucacuaagucAaauua.....  | 1  | 1 | E24 |
| .....ugcuguuucacuaaguccaauuaU.....   | 1  | 1 | E24 |
| .....ugcuguuucacuaaguccaauuaA.....   | 3  | 1 | E24 |
| .....ugcuguuucacuaaguccaauuaguuuaua <u>ucua</u> .....  | 1  | 0 | E24 |
| .....ugcuguuucacuaaguccaauuaguuuaua <u>ucua</u> ccuggucc.....  | 1  | 0 | E24 |
| .....ugcuguuucacuaaguccaauuaguuuaua <u>ucua</u> ccugguccag.....  | 3  | 0 | E24 |
| .....ccugguccagugagacaacag.....  | 19 | 0 | E24 |
| .....ccugguccagugagacaacagc.....   | 14 | 0 | E24 |
| .....guccagugagacaacagcug.....   | 1  | 0 | E24 |
| .....ugcuguuucacuaaguccaauu.....   | 4  | 0 | A04 |
| .....ugcuguuucacuaaguccaauua.....  | 10 | 0 | A04 |
| .....ugUguuucacuaaguccaauua.....   | 1  | 1 | A04 |
| .....ugcuguuucacuaaguccaauuG.....  | 1  | 1 | A04 |
| .....ugcuguuucacuaaguccaauuaguuuaua <u>ucua</u> ccuggucca.....   | 2  | 0 | A04 |

## Mature

## Star

|  |    |   |     |
|--|----|---|-----|
| uguguuugcuugaucugggugcuguuucacua <u>guccaauu</u> aguuuaua <u>u</u> cuaccu <u>gguccagugagacaacag</u> cuggcugcagguccaucaacggagagacauggaagaau |    |   |     |
| .....ugcuguuucacua <u>guccaauu</u> aguuuaua <u>u</u> cuaccu <u>ggucca</u> U.....   | 1  | 1 | A04 |
| .....ugcuguuucacua <u>guccaauu</u> aguuuaua <u>u</u> cuaccu <u>gguccagugag</u> .....   | 1  | 0 | A04 |
| .....uguuuacua <u>guccaauu</u> aguuuaua <u>u</u> .....   | 1  | 0 | A04 |
| .....ccu <u>gguccagugagacaacag</u> .....   | 22 | 0 | A04 |
| .....ccu <u>gguccagugagacaa</u> Agc.....   | 1  | 1 | A04 |
| .....ccu <u>gguccagugagacaacag</u> A.....  | 1  | 1 | A04 |
| .....ccu <u>gguccagugagacaacagc</u> .....  | 6  | 0 | A04 |
| .....ccu <u>gguccagugagacaacagcu</u> .....   | 1  | 0 | A04 |
| .....ugcuguuucacua <u>guccaauu</u> .....   | 9  | 0 | E14 |
| .....ugcuguuucacua <u>guccaauu</u> a.....  | 17 | 0 | E14 |
| .....ugcuguuucacua <u>guccaauu</u> A.....  | 1  | 1 | E14 |
| .....ugcuguuucacua <u>guccaauu</u> ag.....   | 2  | 0 | E14 |
| .....ugcuguuucacua <u>guccaauu</u> aguuuaua <u>u</u> cuaccu <u>gguccagu</u> .....  | 2  | 0 | E14 |
| .....ugcuguuucacua <u>guccaauu</u> aguuuaua <u>u</u> cuaccu <u>gguccagu</u> U.....   | 1  | 1 | E14 |
| .....accu <u>gguccagugagacaacag</u> .....  | 1  | 0 | E14 |
| .....ccu <u>gguccagugagacaacag</u> .....   | 10 | 0 | E14 |
| .....ccu <u>gguccagugagacaacagc</u> .....  | 4  | 0 | E14 |
| .....ugcuguuucacua <u>guccaauu</u> .....   | 1  | 0 | A33 |
| .....ugcuguuucacua <u>guccaauu</u> a.....  | 8  | 0 | A33 |
| .....ugcuguuucacua <u>guccaauu</u> aguuuaua <u>u</u> cuacc.....  | 1  | 0 | A33 |
| .....ccu <u>gguccagugagacaaca</u> .....  | 1  | 0 | A33 |
| .....ccu <u>gguccagugagacaacag</u> .....   | 4  | 0 | A33 |
| .....ccu <u>gguccagugagacaacagc</u> .....  | 1  | 0 | A33 |
| .....ugcuguuucacua <u>guccaau</u> .....  | 9  | 0 | R73 |
| .....ugcuguuucacua <u>guccaauu</u> .....   | 10 | 0 | R73 |
| .....ugcuguuucacua <u>guccaauu</u> a.....  | 13 | 0 | R73 |
| .....ugcuguuucacua <u>guccaauu</u> U.....  | 1  | 1 | R73 |
| .....ugcuguuucacua <u>guccaauu</u> A.....  | 1  | 1 | R73 |
| .....ugcuguuucacua <u>guccaauu</u> ag.....   | 1  | 0 | R73 |
| .....ugcuguuucacua <u>guccaauu</u> aguuuaua <u>u</u> cuaccu <u>ggucc</u> .....   | 1  | 0 | R73 |
| .....ugcuguuucacua <u>guccaauu</u> aguuuaua <u>u</u> cuaccu <u>ggucca</u> .....  | 1  | 0 | R73 |
| .....ugcuguuucacua <u>guccaauu</u> aguuuaua <u>u</u> cuaccu <u>gguccag</u> .....   | 1  | 0 | R73 |
| .....ugcuguuucacua <u>guccaauu</u> aguuuaua <u>u</u> cuaccu <u>gguccagu</u> .....  | 1  | 0 | R73 |
| .....gcuguuucacua <u>guccaauu</u> .....  | 1  | 0 | R73 |
| .....ccu <u>gguccagugagacaacag</u> .....   | 3  | 0 | R73 |
| .....ccu <u>gguccagugagacaacagc</u> .....  | 3  | 0 | R73 |
| .....ugcuguuucacua <u>guccaauu</u> .....   | 6  | 0 | A21 |
| .....ugcuguuucacua <u>guccaauu</u> a.....  | 13 | 0 | A21 |
| .....ugcuguuucacua <u>guccaauu</u> G.....  | 1  | 1 | A21 |
| .....ugcuguuucacua <u>guccaauu</u> aUuu.....   | 1  | 1 | A21 |
| .....gcuguuucacua <u>guccaauu</u> a.....   | 1  | 0 | A21 |
| .....ccu <u>gguccagugagacaacag</u> .....   | 6  | 0 | A21 |
| .....ccu <u>gguccagugagacaacagc</u> .....  | 7  | 0 | A21 |
| .....guccagugagacaacagcCggc.....   | 1  | 1 | A21 |
| .....ugcuguuucacua <u>guccaauu</u> a.....  | 2  | 0 | A34 |
| .....ugcuguuucacua <u>guccaauu</u> aguuuaua <u>u</u> .....   | 1  | 0 | A34 |
| .....ugcuguuucacua <u>guccaauu</u> aguuuaua <u>u</u> cuaccu <u>ggucc</u> .....   | 1  | 0 | A34 |
| .....ugcuguuucacua <u>guccaauu</u> aguuuaua <u>u</u> cuaccu <u>ggucca</u> .....  | 3  | 0 | A34 |
| .....ccu <u>gguccagugagacaacag</u> .....   | 5  | 0 | A34 |
| .....ccu <u>gguccagugagacaacagc</u> .....  | 1  | 0 | A34 |
| .....ugcuguuucacua <u>guccaauu</u> .....   | 2  | 0 | H11 |
| .....ugcuguuucacua <u>gucU</u> aa <u>u</u> a.....  | 1  | 1 | H11 |
| .....ugcuguuucacua <u>guccaauu</u> a.....  | 11 | 0 | H11 |
| .....ugcuguuucacua <u>guccaauu</u> aU.....   | 1  | 1 | H11 |
| .....ugcuguuucacua <u>guccaauu</u> A.....  | 1  | 1 | H11 |
| .....ugcuguuucacua <u>guccaauu</u> agA.....  | 1  | 1 | H11 |
| .....ugcuguuucacua <u>guccaauu</u> aguuuaua <u>u</u> cu.....   | 1  | 0 | H11 |
| .....ugcuguuucacua <u>guccaau</u> Aguuuaua <u>u</u> cu.....  | 1  | 1 | H11 |
| .....ugcuguuucacua <u>guccaauu</u> aguuuaua <u>u</u> cuaccu <u>gguccU</u> .....  | 1  | 1 | H11 |
| .....ugcuguuucacua <u>guccaauu</u> aguuuaua <u>u</u> cuaccu <u>gguccagu</u> .....  | 1  | 0 | H11 |
| .....ccu <u>gguccagugagacaacag</u> .....   | 14 | 0 | H11 |
| .....ccu <u>gguccagugagacaacagc</u> .....  | 4  | 0 | H11 |
| .....ugcuguuucacua <u>guccaau</u> .....  | 1  | 0 | E12 |

## Mature

## Star

|   |    |   |     |
|---|----|---|-----|
| uguguuugcuuguaucugggugcuguuuacacaguccaauuaguuuaua <u>uacua</u> ccugguccagugagacaacagcugggcugcagguccaucaacggagagacauggaagaau |    |   |     |
| .....ugcuguuuacacaguccaauu.....   | 3  | 0 | E12 |
| .....ugcuguuuacacaguccaauua.....  | 23 | 0 | E12 |
| .....ugcuguuuacacaguccaauuaguuuaua <u>uacua</u> ccugguccagu.....  | 1  | 0 | E12 |
| .....uguuuacacaguccaauuaguuuau.....   | 1  | 0 | E12 |
| .....ccugguccagugagacaacag.....   | 8  | 0 | E12 |
| .....ccugguccUgugagacaacagc.....  | 1  | 1 | E12 |
| .....ccugguccagugagacaacagc.....  | 8  | 0 | E12 |
| .....ccugguccagugagacaacagcu.....   | 1  | 0 | E12 |
| .....ugcuguuuacacaguccaau.....  | 2  | 0 | H42 |
| .....ugcuguuuacacaguccaauu.....   | 7  | 0 | H42 |
| .....ugcuguuuacacagGccaauu.....   | 1  | 1 | H42 |
| .....ugcuguuuacacaguccaauua.....  | 16 | 0 | H42 |
| .....ugcuguuuacacaguccaauuaA.....   | 1  | 1 | H42 |
| .....ugcuguuuacacaguccaauuaU.....   | 1  | 1 | H42 |
| .....ugcuguuuacacaguccaauuaguuuaua <u>uacua</u> ccuggucc.....   | 1  | 0 | H42 |
| .....ugcuguuuacacaguccaauuaguuuaua <u>uacua</u> ccugguccagugagaca.....  | 1  | 0 | H42 |
| .....ccugguccagugagacaaca.....  | 1  | 0 | H42 |
| .....ccugguccagugagacaacag.....   | 27 | 0 | H42 |
| .....ccugUuccagugagacaacag.....   | 1  | 1 | H42 |
| .....ccugguccagugagacaacagc.....  | 2  | 0 | H42 |
| .....ugcuguuuacacaguccaau.....  | 2  | 0 | H62 |
| .....ugcuguuuacacaguccaauu.....   | 9  | 0 | H62 |
| .....ugcuguuuacacaguccaauua.....  | 23 | 0 | H62 |
| .....ugcuguuuacacaguccaauuaA.....   | 2  | 1 | H62 |
| .....ugcuguuuacacaguccaauuaU.....   | 3  | 1 | H62 |
| .....ccugguccagugagacaacaA.....   | 1  | 1 | H62 |
| .....ccugguccagugagacaacag.....   | 11 | 0 | H62 |
| .....ccugguccagugagacaacagc.....  | 11 | 0 | H62 |
| .....ccuggucAagugagacaacagc.....  | 1  | 1 | H62 |
| .....ccugguccagugagacaacagcuU.....  | 1  | 1 | H62 |
| .....guccagugagacaacagcCggc.....  | 1  | 1 | H62 |
| .....ugcuguuuacacaguccaau.....  | 4  | 0 | A53 |
| .....ugcuguuuacacaguccaauu.....   | 3  | 0 | A53 |
| .....ugcuguuuacacaguccaauua.....  | 8  | 0 | A53 |
| .....ugcuguuuacacaguccaauuaguuuaua <u>uacua</u> ccuggucca.....  | 1  | 0 | A53 |
| .....ugcuguuuacacaguccaauuaguuuaua <u>uacua</u> ccugguccagu.....  | 1  | 0 | A53 |
| .....ccugguccagugagacGacag.....   | 1  | 1 | A53 |
| .....ccugguccagugagacaacag.....   | 5  | 0 | A53 |
| .....ugcuguuuacacaguccaauu.....   | 1  | 0 | A41 |
| .....ugcuguuuacacaguccaauua.....  | 6  | 0 | A41 |
| .....ugAuguuuacacaguccaauua.....  | 1  | 1 | A41 |
| .....ccugguccagugagacaacagU.....  | 1  | 1 | A41 |
| .....ccugguccagugagacaacagc.....  | 1  | 0 | A41 |
| .....ugcuguuuacacaguccaauua.....  | 6  | 0 | A32 |
| .....ugcuguuuacacaguccaauuaguuuaua <u>uacua</u> ccugguccG.....  | 1  | 1 | A32 |
| .....ccugguccagugagacaacag.....   | 5  | 0 | A32 |
| .....ccugguccagugagacaacUgc.....  | 1  | 1 | A32 |
| .....ugcuguuuacacaguccaau.....  | 1  | 0 | H04 |
| .....ugUuguuuacacaguccaauu.....   | 1  | 1 | H04 |
| .....ugcuguuuacacaguccaauu.....   | 7  | 0 | H04 |
| .....ugcuguuuacacaguccaauuU.....  | 1  | 1 | H04 |
| .....ugcuguuuacacaguccaauua.....  | 12 | 0 | H04 |
| .....ugcuguuuacacaguccaauuaA.....   | 1  | 1 | H04 |
| .....ugcuguuuacacaguccaauuaU.....   | 1  | 1 | H04 |
| .....ugcuguuuacacaguccaauuag.....   | 1  | 0 | H04 |
| .....ugcuguuuacacaguccaauuaguuuaua <u>uacua</u> ccugguccag.....   | 2  | 0 | H04 |
| .....ugcuguuuacacaguccaauuaguuuaua <u>uacua</u> ccugguccaU.....   | 3  | 1 | H04 |
| .....ccugguccagugagacaacag.....   | 21 | 0 | H04 |
| .....ccugguccagugagacaacagc.....  | 12 | 0 | H04 |
| .....ccugguccagugagacaacagA.....  | 1  | 1 | H04 |