



Mature

Star

gccuucagaggacuccaaggaaacauucaacgcugucggugaguuugggaaauugaaaaaacacugaccguugacugacuuccuuggggucuuacagacgacacuaacauuuc

|                                      |      |   |     |
|--------------------------------------|------|---|-----|
| .....aacauucaacgcugucUguga.....      | 2    | 1 | Z2_ |
| .....aacaAucaacgcugucgguga.....      | 2    | 1 | Z2_ |
| .....aacauucaacAcugucgguga.....      | 5    | 1 | Z2_ |
| .....aacauucaacgcAgucgguga.....      | 3    | 1 | Z2_ |
| .....aacauuUaacgcugucgguga.....      | 2    | 1 | Z2_ |
| .....aacauucaacgcugucggugG.....      | 17   | 1 | Z2_ |
| .....aacauucaacgcugucggugU.....      | 26   | 1 | Z2_ |
| .....aacauucUacgcugucgguga.....      | 3    | 1 | Z2_ |
| .....aacauucaacgcugucgguUa.....      | 1    | 1 | Z2_ |
| .....aacauucaacgcugucgguAa.....      | 2    | 1 | Z2_ |
| .....aacAucaacgcugucgguga.....       | 13   | 1 | Z2_ |
| .....aacAucaacgcugucgguga.....       | 1    | 1 | Z2_ |
| .....aacauucaacgcugucAgguga.....     | 2    | 1 | Z2_ |
| .....aacauAcaacgcugucgguga.....      | 3    | 1 | Z2_ |
| .....aacauucaacgcCgucgguga.....      | 10   | 1 | Z2_ |
| .....aacauucaCgucgcugucgguga.....    | 14   | 1 | Z2_ |
| .....aacauucaacgcugucUgguga.....     | 7    | 1 | Z2_ |
| .....Gacauucaacgcugucgguga.....      | 14   | 1 | Z2_ |
| .....aacauucaacCucugucgguga.....     | 1    | 1 | Z2_ |
| .....aacauucaaaAgcugucgguga.....     | 1    | 1 | Z2_ |
| .....aacauucaacgcugucggGga.....      | 1    | 1 | Z2_ |
| .....aacauucaacgcugucggugC.....      | 1    | 1 | Z2_ |
| .....aacauucaacgcugCcguga.....       | 6    | 1 | Z2_ |
| .....aGcauucaacgcugucgguga.....      | 12   | 1 | Z2_ |
| .....aacauucaacgcugucggCga.....      | 5    | 1 | Z2_ |
| .....aacauCcaacgcugucgguga.....      | 7    | 1 | Z2_ |
| .....aaGauucaacgcugucgguga.....      | 2    | 1 | Z2_ |
| .....aacauucaacgcugucgguga.....      | 2203 | 0 | Z2_ |
| .....aacauucaacgcUaucgguga.....      | 2    | 1 | Z2_ |
| .....aacauucaacgcugucGAuga.....      | 1    | 1 | Z2_ |
| .....aCcauucaacgcugucgguga.....      | 1    | 1 | Z2_ |
| .....Uacauucaacgcugucgguga.....      | 1    | 1 | Z2_ |
| .....aacauucaaaUgucgcugucgguga.....  | 1    | 1 | Z2_ |
| .....aacauucaacgcugucAguga.....      | 3    | 1 | Z2_ |
| .....aacauucGacgcugucgguga.....      | 6    | 1 | Z2_ |
| .....aUcauucaacgcugucgguga.....      | 4    | 1 | Z2_ |
| .....aacauucaacgcGgucgguga.....      | 2    | 1 | Z2_ |
| .....aacauucaacgcugucCguga.....      | 4    | 1 | Z2_ |
| .....aacauucaacgcugucggugCg.....     | 1    | 1 | Z2_ |
| .....Uacauucaacgcugucggugag.....     | 2    | 1 | Z2_ |
| .....aacauucaacgcugCcgugag.....      | 3    | 1 | Z2_ |
| .....aacauucaacgcugucggugag.....     | 1411 | 0 | Z2_ |
| .....aacauucaacgcugucggCgag.....     | 6    | 1 | Z2_ |
| .....aacauCcaacgcugucggugag.....     | 9    | 1 | Z2_ |
| .....aacauucaacgcugucggGgag.....     | 1    | 1 | Z2_ |
| .....aacauucaacgcugGcgugag.....      | 2    | 1 | Z2_ |
| .....aacauucaacAcugucggugag.....     | 5    | 1 | Z2_ |
| .....aacauucUacgcugucggugag.....     | 3    | 1 | Z2_ |
| .....aacAucaacgcugucggugag.....      | 7    | 1 | Z2_ |
| .....aacauucGacgcugucggugag.....     | 13   | 1 | Z2_ |
| .....aacauuUaacgcugucggugag.....     | 1    | 1 | Z2_ |
| .....aacauucaaaUgucgcugucggugag..... | 4    | 1 | Z2_ |
| .....aacauucaacgUugucggugag.....     | 4    | 1 | Z2_ |
| .....aacauucaacgcugucggugaA.....     | 48   | 1 | Z2_ |
| .....aacauucaacgcGgucggugag.....     | 1    | 1 | Z2_ |
| .....aacauucaacgcCgucggugag.....     | 12   | 1 | Z2_ |
| .....aacauucaacgcugucggugaU.....     | 4    | 1 | Z2_ |
| .....aacauucaacgcugucGAugag.....     | 4    | 1 | Z2_ |
| .....aacauucaacgcugucCgugag.....     | 1    | 1 | Z2_ |
| .....aacauAcaacgcugucggugag.....     | 2    | 1 | Z2_ |
| .....aacauucaacgcugucgguAag.....     | 1    | 1 | Z2_ |
| .....aacGuucaacgcugucggugag.....     | 9    | 1 | Z2_ |
| .....aacauucaacgcAgucggugag.....     | 3    | 1 | Z2_ |
| .....aacauucaacgcugucggugGg.....     | 10   | 1 | Z2_ |
| .....aaAauucaacgcugucggugag.....     | 1    | 1 | Z2_ |
| .....aacauucaacgcugucggugaC.....     | 1    | 1 | Z2_ |
| .....aaGauucaacgcugucggugag.....     | 2    | 1 | Z2_ |
| .....aacCuucaacgcugucggugag.....     | 1    | 1 | Z2_ |
| .....aacauucaacgcugucAgugag.....     | 4    | 1 | Z2_ |
| .....aacauucaacgcugucUggugag.....    | 3    | 1 | Z2_ |

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|                                        |      |   |     |
|----------------------------------------|------|---|-----|
| .....aacauucaGcgucugcggugag.....       | 7    | 1 | Z2_ |
| .....Gacauucaacgcugucggugag.....       | 9    | 1 | Z2_ |
| .....aGcauucaacgcugucggugag.....       | 4    | 1 | Z2_ |
| .....aacauucaacgcugucggugUg.....       | 1    | 1 | Z2_ |
| .....aCcauucaacgcugucggugag.....       | 1    | 1 | Z2_ |
| .....aacauucaacgcugucUgugagu.....      | 1    | 1 | Z2_ |
| .....aacauucaacgcugucggCgagu.....      | 4    | 1 | Z2_ |
| .....aacauucaacgcCgucggugagu.....      | 3    | 1 | Z2_ |
| .....Cacauucaacgcugucggugagu.....      | 4    | 1 | Z2_ |
| .....aacauucaacgcuAucggugagu.....      | 2    | 1 | Z2_ |
| .....aacGuucaacgcugucggugagu.....      | 5    | 1 | Z2_ |
| .....aacauucaacgcugucggugCgu.....      | 1    | 1 | Z2_ |
| .....aacauucaacgcugucggugaCu.....      | 2    | 1 | Z2_ |
| .....aacauucaaaAgcugucggugagu.....     | 1    | 1 | Z2_ |
| .....aUcauucaacgcugucggugagu.....      | 1    | 1 | Z2_ |
| .....aacauucaacgcugucggugagu.....      | 1343 | 0 | Z2_ |
| .....aacauCcaacgcugucggugagu.....      | 8    | 1 | Z2_ |
| .....aacauAcaacgcugucggugagu.....      | 6    | 1 | Z2_ |
| .....aacauucaacgcugucggugUgu.....      | 1    | 1 | Z2_ |
| .....aacaCucaacgcugucggugagu.....      | 6    | 1 | Z2_ |
| .....aacauucaacAcugucggugagu.....      | 2    | 1 | Z2_ |
| .....Ucauucaacgcugucggugagu.....       | 3    | 1 | Z2_ |
| .....aacauucaacCcugucggugagu.....      | 1    | 1 | Z2_ |
| .....aacauucaacgcugucggAgagu.....      | 1    | 1 | Z2_ |
| .....aacauucUacgcugucggugagu.....      | 3    | 1 | Z2_ |
| .....aacaGucaacgcugucggugagu.....      | 1    | 1 | Z2_ |
| .....aacauucaacgcugucggugagA.....      | 562  | 1 | Z2_ |
| .....aacauucaacgcugAcggugagu.....      | 2    | 1 | Z2_ |
| .....aacauucaacgUugucggugagu.....      | 1    | 1 | Z2_ |
| .....Gacauucaacgcugucggugagu.....      | 12   | 1 | Z2_ |
| .....aacauucaGcgucugcggugagu.....      | 3    | 1 | Z2_ |
| .....aacauuUaacgcugucggugagu.....      | 3    | 1 | Z2_ |
| .....aacauucaacgcugucggugaUu.....      | 1    | 1 | Z2_ |
| .....aacauucaacgcugucgAugagu.....      | 2    | 1 | Z2_ |
| .....aacauucaacgcugucAguagagu.....     | 1    | 1 | Z2_ |
| .....aacauucGacgcugucggugagu.....      | 8    | 1 | Z2_ |
| .....aacauucaacgcugUggugagu.....       | 1    | 1 | Z2_ |
| .....aacauucaacgcugCcgugagu.....       | 8    | 1 | Z2_ |
| .....aacauuAaacgcugucggugagu.....      | 3    | 1 | Z2_ |
| .....aacauucaaaUgcugucggugagu.....     | 10   | 1 | Z2_ |
| .....aacauucaacgcugucggugGgu.....      | 13   | 1 | Z2_ |
| .....aacauucaacgcugucggugagC.....      | 84   | 1 | Z2_ |
| .....aacauucCacgcugucggugagu.....      | 1    | 1 | Z2_ |
| .....aacauucaacgcugUaggugagu.....      | 1    | 1 | Z2_ |
| .....aacauucaacgcugucggugagG.....      | 15   | 1 | Z2_ |
| .....aGcauucaacgcugucggugagu.....      | 4    | 1 | Z2_ |
| .....aacauucaacUcugucggugagu.....      | 1    | 1 | Z2_ |
| .....aacauucaacgcugucggugaguu.....     | 25   | 0 | Z2_ |
| .....aacauucaacAcugucggugaguu.....     | 2    | 1 | Z2_ |
| .....aacauucaacgcugucggugaguC.....     | 1    | 1 | Z2_ |
| .....aacauucaacgcugucggugaguuG.....    | 2    | 1 | Z2_ |
| .....aacauucaaaUgcugucggugaguuu.....   | 1    | 1 | Z2_ |
| .....aacauucaacgcugucggugaguuu.....    | 13   | 0 | Z2_ |
| .....aacauucaacgcugucggugaguuuU.....   | 5    | 1 | Z2_ |
| .....acaauucaacgcugucggugagu.....      | 7    | 0 | Z2_ |
| .....ugggaaauugaaaaaacacugaccguug..... | 2    | 0 | Z2_ |
| .....uAggaaauugaaaaaacacugaccguug..... | 5    | 1 | Z2_ |
| .....acAacugaccguugacugu.....          | 1    | 1 | Z2_ |
| .....accacugacUguugacugu.....          | 2    | 1 | Z2_ |
| .....accacugaccguugacugu.....          | 23   | 0 | Z2_ |
| .....accGcugaccguugacugu.....          | 2    | 1 | Z2_ |
| .....accacugaccguCgacugua.....         | 2    | 1 | Z2_ |
| .....Gccacugaccguugacugua.....         | 1    | 1 | Z2_ |
| .....accacugaccguugacugua.....         | 90   | 0 | Z2_ |
| .....accacugaAagguugacugua.....        | 1    | 1 | Z2_ |
| .....accacugaccguugacuguaC.....        | 1    | 0 | Z2_ |
| .....accacugaccguugacuguaCG.....       | 1    | 1 | Z2_ |
| .....accacugacUguugacuguaCC.....       | 1    | 1 | Z2_ |
| .....accacugaccguugacuguaCA.....       | 4    | 1 | Z2_ |
| .....accacugaccguugacuguaCU.....       | 8    | 1 | Z2_ |

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|                                  |      |   |     |
|----------------------------------|------|---|-----|
| .....accacugaccguugacugucc.....  | 14   | 0 | Z2_ |
| .....gaacauucaacgcugucggug.....  | 2    | 0 | GDM |
| .....gaacauucaacgcugucgguga..... | 1    | 1 | GDM |
| .....gaacauucaacgcugucgguga..... | 21   | 0 | GDM |
| .....gaacauucaacgcugucgguga..... | 21   | 0 | GDM |
| .....gaacauucaacgcugucggugU..... | 1    | 1 | GDM |
| .....gaacauucaacgcugucgguga..... | 21   | 0 | GDM |
| .....aacauucaacgcugucggA.....    | 2    | 1 | GDM |
| .....aacauucaacgcugucggU.....    | 129  | 0 | GDM |
| .....aacauucaacgcugucggC.....    | 9    | 1 | GDM |
| .....aacauCcaacgcugucggU.....    | 1    | 1 | GDM |
| .....aGcauucaacgcugucggU.....    | 2    | 1 | GDM |
| .....GacauucaacgcugucggU.....    | 1    | 1 | GDM |
| .....aacauucaacgcugucggC.....    | 9    | 1 | GDM |
| .....aacauucaacgcCgucggU.....    | 1    | 1 | GDM |
| .....aacauucaacgcugucggU.....    | 129  | 0 | GDM |
| .....aacauucGacgcugucggU.....    | 1    | 1 | GDM |
| .....aacauucaacgcugucggU.....    | 129  | 0 | GDM |
| .....aacauucUacgcugucggU.....    | 1    | 1 | GDM |
| .....aacauucUacgcugucggug.....   | 1    | 1 | GDM |
| .....aacauCcaacgcugucggug.....   | 9    | 1 | GDM |
| .....aacauuAaacgcugucggug.....   | 2    | 1 | GDM |
| .....aacauAcaacgcugucggug.....   | 7    | 1 | GDM |
| .....aacCucaacgcugucggug.....    | 8    | 1 | GDM |
| .....aacauucaCcgucugucggug.....  | 1    | 1 | GDM |
| .....aacauucaacgcugucggU.....    | 69   | 1 | GDM |
| .....aacauucaacgcugucgAug.....   | 1    | 1 | GDM |
| .....aacauucaacgcugucggGg.....   | 51   | 1 | GDM |
| .....aacauucaaaUgucugucggug..... | 3    | 1 | GDM |
| .....aacauucaacgcugucggU.....    | 69   | 1 | GDM |
| .....aacauucaacgcugucgCug.....   | 1    | 1 | GDM |
| .....aacauucaacgcugucggU.....    | 7    | 1 | GDM |
| .....Uacauucaacgcugucggug.....   | 5    | 1 | GDM |
| .....aacauucaacgcugucggug.....   | 1180 | 0 | GDM |
| .....aacauucGacgcugucggug.....   | 9    | 1 | GDM |
| .....aacauuAaacgcugucggug.....   | 2    | 1 | GDM |
| .....aacauucaacgcugCcgug.....    | 7    | 1 | GDM |
| .....aacauucaacgcCgucggug.....   | 7    | 1 | GDM |
| .....aacauucaacAcugucggug.....   | 4    | 1 | GDM |
| .....aacauucaacgcugCcgug.....    | 7    | 1 | GDM |
| .....aacauucaacgcugucggU.....    | 7    | 1 | GDM |
| .....aacCucaacgcugucggug.....    | 8    | 1 | GDM |
| .....aacauCcaacgcugucggug.....   | 9    | 1 | GDM |
| .....aacauucGacgcugucggug.....   | 9    | 1 | GDM |
| .....aacauucaacUcugucggug.....   | 2    | 1 | GDM |
| .....aacauucaacgcugucggug.....   | 1180 | 0 | GDM |
| .....Uacauucaacgcugucggug.....   | 5    | 1 | GDM |
| .....aacauucaacgcugCcgug.....    | 7    | 1 | GDM |
| .....aNcauucaacgcugucggug.....   | 2    | 1 | GDM |
| .....Gacauucaacgcugucggug.....   | 7    | 1 | GDM |
| .....aacauucaacgcUaucggug.....   | 2    | 1 | GDM |
| .....aNcauucaacgcugucggug.....   | 2    | 1 | GDM |
| .....aacauucaaaUgucugucggug..... | 3    | 1 | GDM |
| .....aGcauucaacgcugucggug.....   | 5    | 1 | GDM |
| .....aacauucaacgcCgucggug.....   | 7    | 1 | GDM |
| .....aacauucaacgcugucggug.....   | 1180 | 0 | GDM |
| .....aacauCcaacgcugucggug.....   | 9    | 1 | GDM |
| .....aacauucaacgcugAcggug.....   | 1    | 1 | GDM |
| .....aacauAcaacgcugucggug.....   | 7    | 1 | GDM |
| .....aacauucGacgcugucggug.....   | 9    | 1 | GDM |
| .....aacauucaacgcAaucggug.....   | 1    | 1 | GDM |
| .....Gacauucaacgcugucggug.....   | 7    | 1 | GDM |
| .....aacauucaacgAugucggug.....   | 1    | 1 | GDM |
| .....Uacauucaacgcugucggug.....   | 5    | 1 | GDM |
| .....aacUucaacgcugucggug.....    | 6    | 1 | GDM |
| .....aacauucaacgcCgucggug.....   | 7    | 1 | GDM |
| .....aaUauucaacgcugucggug.....   | 2    | 1 | GDM |
| .....aacCucaacgcugucggug.....    | 8    | 1 | GDM |
| .....aacauucaacgcugucggU.....    | 69   | 1 | GDM |

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|                                   |      |   |     |
|-----------------------------------|------|---|-----|
| .....aacauucaacgcugucgguC.....    | 1    | 1 | GDM |
| .....aaUauucaacgcugucggug.....    | 2    | 1 | GDM |
| .....aacAUucaacgcugucggug.....    | 1    | 1 | GDM |
| .....aacauucaacgcugucggug.....    | 1    | 1 | GDM |
| .....aacauucaacgcugucggCg.....    | 3    | 1 | GDM |
| .....aacauucaacgcugucggug.....    | 9    | 1 | GDM |
| .....Gacauucaacgcugucggug.....    | 7    | 1 | GDM |
| .....aacauucaacgcugucggug.....    | 9    | 1 | GDM |
| .....aacauucaacgcugucggug.....    | 9    | 1 | GDM |
| .....aGcauucaacgcugucggug.....    | 5    | 1 | GDM |
| .....aacauucaacgcugucggCg.....    | 3    | 1 | GDM |
| .....aacauucaacgcugucggGg.....    | 51   | 1 | GDM |
| .....aacUuucaacgcugucggug.....    | 3    | 1 | GDM |
| .....aacGuucaacgcugucggug.....    | 6    | 1 | GDM |
| .....aacUuucaacgcugucggug.....    | 3    | 1 | GDM |
| .....aacauucaacUcugucggug.....    | 2    | 1 | GDM |
| .....aacAUucaacgcugucgguga.....   | 2    | 1 | GDM |
| .....aacauucUacgcugucgguga.....   | 5    | 1 | GDM |
| .....aacauCcaacgcugucgguga.....   | 41   | 1 | GDM |
| .....aacauucaacCcugucgguga.....   | 2    | 1 | GDM |
| .....aacauucUacgcugucgguga.....   | 5    | 1 | GDM |
| .....Gacauucaacgcugucgguga.....   | 45   | 1 | GDM |
| .....aacauucaacgcugucgguaA.....   | 7    | 1 | GDM |
| .....aacauucaacgcugucgAuga.....   | 10   | 1 | GDM |
| .....aacauucaacgcugCcguga.....    | 28   | 1 | GDM |
| .....aacauucaacgcugucUguga.....   | 5    | 1 | GDM |
| .....aacauuUaacgcugucgguga.....   | 11   | 1 | GDM |
| .....aacauucaacgcugucgguaA.....   | 7    | 1 | GDM |
| .....aacauucCacgcugucgguga.....   | 1    | 1 | GDM |
| .....aacUuucaacgcugucgguga.....   | 9    | 1 | GDM |
| .....aacauucaacgcugucggugU.....   | 156  | 1 | GDM |
| .....aaUauucaacgcugucgguga.....   | 18   | 1 | GDM |
| .....aacNuucaacgcugucgguga.....   | 2    | 1 | GDM |
| .....aacauNcaacgcugucgguga.....   | 2    | 1 | GDM |
| .....aacACucaacgcugucgguga.....   | 45   | 1 | GDM |
| .....aacauucaacgcugucgAugga.....  | 5    | 1 | GDM |
| .....aacGuucaacgcugucgguga.....   | 39   | 1 | GDM |
| .....aacauucaacgcugucUguga.....   | 5    | 1 | GDM |
| .....aaUauucaacgcugucgguga.....   | 18   | 1 | GDM |
| .....Nacauucaacgcugucgguga.....   | 7    | 1 | GDM |
| .....aacauucaacgcugucggugG.....   | 93   | 1 | GDM |
| .....aacauucaacgcUugucgguga.....  | 5    | 1 | GDM |
| .....aGcauucaacgcugucgguga.....   | 59   | 1 | GDM |
| .....aacauucaacAcugucgguga.....   | 16   | 1 | GDM |
| .....aUcauucaacgcugucgguga.....   | 10   | 1 | GDM |
| .....aUcauucaacgcugucgguga.....   | 10   | 1 | GDM |
| .....aacauuAaacgcugucgguga.....   | 2    | 1 | GDM |
| .....aacauucaacAcugucgguga.....   | 16   | 1 | GDM |
| .....aacauucaacgcAucgguga.....    | 19   | 1 | GDM |
| .....aacauucaacgcugucgguga.....   | 1    | 1 | GDM |
| .....aacauucaacgcAucgguga.....    | 19   | 1 | GDM |
| .....aacauucaacgcugucggugC.....   | 21   | 1 | GDM |
| .....aacauucaacUgcugucgguga.....  | 15   | 1 | GDM |
| .....aacauucaacgcUaucgguga.....   | 6    | 1 | GDM |
| .....aGcauucaacgcugucgguga.....   | 59   | 1 | GDM |
| .....aacauucaacgcugucgAuga.....   | 10   | 1 | GDM |
| .....aacauuUaacgcugucgguga.....   | 11   | 1 | GDM |
| .....aacauNcaacgcugucgguga.....   | 2    | 1 | GDM |
| .....aacauucaacgcugucgUgguga..... | 11   | 1 | GDM |
| .....aacauucaacAcugucgguga.....   | 16   | 1 | GDM |
| .....aacauucaacgcugucgGguga.....  | 1    | 1 | GDM |
| .....aacauucaacgcCgucgguga.....   | 27   | 1 | GDM |
| .....aacauuUaacgcugucgguga.....   | 11   | 1 | GDM |
| .....aacauucaacUcugucgguga.....   | 2    | 1 | GDM |
| .....aacauucGacgcugucgguga.....   | 39   | 1 | GDM |
| .....aacauucaacgcugucggCga.....   | 35   | 1 | GDM |
| .....aacauucaacgcugucgguga.....   | 7827 | 0 | GDM |
| .....aaAauucaacgcugucgguga.....   | 2    | 1 | GDM |
| .....aacACucaacgcugucgguga.....   | 45   | 1 | GDM |
| .....aacauucaacgcugucggGga.....   | 1    | 1 | GDM |

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|                                  |      |   |     |
|----------------------------------|------|---|-----|
| .....aacauucaacgcugUgguga.....   | 11   | 1 | GDM |
| .....aacauucaacgcCgucgguga.....  | 27   | 1 | GDM |
| .....aacNuucaacgcugucgguga.....  | 2    | 1 | GDM |
| .....aacauucaacgcGgucgguga.....  | 6    | 1 | GDM |
| .....aacauCcaacgcugucgguga.....  | 41   | 1 | GDM |
| .....aaUauucaacgcugucgguga.....  | 18   | 1 | GDM |
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| .....aacauucaUcgucugucgguga..... | 6    | 1 | GDM |
| .....Gacauucaacgcugucgguga.....  | 45   | 1 | GDM |
| .....aacauucaacgcugucggugU.....  | 156  | 1 | GDM |
| .....aacauucaUcgucugucgguga..... | 6    | 1 | GDM |
| .....aacauucaacgcugucggugU.....  | 156  | 1 | GDM |
| .....aacauucaacgcugCgguga.....   | 28   | 1 | GDM |
| .....aNcauucaacgcugucgguga.....  | 3    | 1 | GDM |
| .....aacauucaacgcugucgguga.....  | 7827 | 0 | GDM |
| .....aacauucaaaUgcugucgguga..... | 15   | 1 | GDM |
| .....aacauucaacgcugAcgguga.....  | 5    | 1 | GDM |
| .....aacauucaacgcUacgguga.....   | 6    | 1 | GDM |
| .....aacauucaacgAugucgguga.....  | 1    | 1 | GDM |
| .....aacauucaacgcugucgguUa.....  | 1    | 1 | GDM |
| .....aacauAcaacgcugucgguga.....  | 17   | 1 | GDM |
| .....aacauucaacgcugucggugG.....  | 93   | 1 | GDM |
| .....aacauucaacgcugAcgguga.....  | 5    | 1 | GDM |
| .....aacauucGacgcugucgguga.....  | 39   | 1 | GDM |
| .....Gacauucaacgcugucgguga.....  | 45   | 1 | GDM |
| .....aacauucaaaUgcugucgguga..... | 15   | 1 | GDM |
| .....aGcauucaacgcugucgguga.....  | 59   | 1 | GDM |
| .....Uacauucaacgcugucgguga.....  | 14   | 1 | GDM |
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| .....Cacauucaacgcugucgguga.....  | 1    | 1 | GDM |
| .....aacauucaacgcugucAguga.....  | 15   | 1 | GDM |
| .....aacUuucaacgcugucgguga.....  | 9    | 1 | GDM |
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| .....aacCuucaacgcugucgguga.....  | 2    | 1 | GDM |
| .....Nacauucaacgcugucgguga.....  | 7    | 1 | GDM |
| .....aacauucaacgcugucggugC.....  | 21   | 1 | GDM |
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| .....aacGuucaacgcugucgguga.....  | 39   | 1 | GDM |
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| .....aacauucaacgcGugucgguga..... | 1    | 1 | GDM |
| .....aacAucaacgcugucgguga.....   | 2    | 1 | GDM |
| .....aacauucaGcgucugucgguga..... | 38   | 1 | GDM |
| .....aacauucaacgcugucggCga.....  | 35   | 1 | GDM |
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| .....aacAucaacgcugucgguga.....   | 45   | 1 | GDM |
| .....aacauucaacgcugucggCga.....  | 35   | 1 | GDM |
| .....aacauCcaacgcugucgguga.....  | 41   | 1 | GDM |
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| .....aacauucaacgcugucAguga.....  | 15   | 1 | GDM |
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| .....aacauucaacCcuucgguga.....   | 2    | 1 | GDM |
| .....aacauucaGcgucugucgguga..... | 38   | 1 | GDM |
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| .....aacauucaacgcugCcguga.....   | 28   | 1 | GDM |
| .....aacauucaacgUugucgguga.....  | 5    | 1 | GDM |
| .....aacauucaacgcugucgUuga.....  | 1    | 1 | GDM |
| .....aacauucaacgcugUgguga.....   | 11   | 1 | GDM |

Mature

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gccuucagaggacuccaaggaaacauucaacgcugucggugaguuuugggaaauugaaaaaacacugaccguugacugacuuccuuggggucuuacagacgacacuaacauuuc

|                               |      |   |     |
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| .aacauucaacUcugucgguga.....   | 2    | 1 | GDM |
| .Uacauucaacgcugucgguga.....   | 14   | 1 | GDM |
| .Uacauucaacgcugucgguga.....   | 14   | 1 | GDM |
| .aacCuucaacgcugucgguga.....   | 2    | 1 | GDM |
| .aacauucaacgcugucgAuga.....   | 10   | 1 | GDM |
| .aacauucaacgcugucggugC.....   | 21   | 1 | GDM |
| .aacauucaCcgucucgguga.....    | 5    | 1 | GDM |
| .aacauGcaacgcugucgguga.....   | 2    | 1 | GDM |
| .aacauucaacgcugucUguga.....   | 5    | 1 | GDM |
| .aacauucaacgcugucggAga.....   | 5    | 1 | GDM |
| .aacauucaacgcugucggugG.....   | 93   | 1 | GDM |
| .aacGuucaacgcugucgguga.....   | 39   | 1 | GDM |
| .aacauucaUcgucucgguga.....    | 6    | 1 | GDM |
| .aacauucaacgcugucggugaC.....  | 14   | 1 | GDM |
| .aacauucaaaUgcugucggugag..... | 13   | 1 | GDM |
| .aacauCcaacgcugucggugag.....  | 18   | 1 | GDM |
| .aacauucaacgcugucgguaAag..... | 1    | 1 | GDM |
| .aacauucaacgcugucggugaC.....  | 14   | 1 | GDM |
| .aacauucaacgcugucggugaU.....  | 26   | 1 | GDM |
| .aacauucaacgcugucggCgag.....  | 13   | 1 | GDM |
| .aacauucaacgcugucggugaA.....  | 180  | 1 | GDM |
| .aacGuucaacgcugucggugag.....  | 18   | 1 | GDM |
| .aacauuUaacgcugucggugag.....  | 9    | 1 | GDM |
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| .aacauucGacgcugucggugag.....  | 24   | 1 | GDM |
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| .aacauucaacgcugucgAugag.....  | 6    | 1 | GDM |
| .aaUauucaacgcugucggugag.....  | 6    | 1 | GDM |
| .aGcauucaacgcugucggugag.....  | 20   | 1 | GDM |
| .Gacauucaacgcugucggugag.....  | 20   | 1 | GDM |
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| .aacauucaaaUgcugucggugag..... | 13   | 1 | GDM |
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| .aacauucaacgcugucggugaA.....  | 180  | 1 | GDM |
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| .aacauucaacgcuaucggugag.....  | 8    | 1 | GDM |
| .aacauucaacgUgucggugag.....   | 8    | 1 | GDM |
| .aacauucGacgcugucggugag.....  | 24   | 1 | GDM |
| .aNcauucaacgcugucggugag.....  | 2    | 1 | GDM |

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gccuucagaggacuccaaggaaacauucaacgcugucggugaguuugggaaauugaaaaaacacugaccguugacugacuuccuugggguccuuacagacgacacuaacauuuc

|                                     |      |   |     |
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| .....Cacauucaacgcugucggugag.....    | 2    | 1 | GDM |
| .....aacauucaUcgucugucggugag.....   | 2    | 1 | GDM |
| .....aacauucaacgcugucCgugag.....    | 3    | 1 | GDM |
| .....aNcauucaacgcugucggugag.....    | 2    | 1 | GDM |
| .....aacauucaacgAugucggugag.....    | 2    | 1 | GDM |
| .....aacauucaacgcugucggugag.....    | 3892 | 0 | GDM |
| .....aacauucaacgcCgucggugag.....    | 28   | 1 | GDM |
| .....aacauucaacgcugucgAugag.....    | 6    | 1 | GDM |
| .....aacauucaacgcugucggugaA.....    | 180  | 1 | GDM |
| .....aacauucaacgcCgucggugag.....    | 28   | 1 | GDM |
| .....aacauucCacgcugucggugag.....    | 1    | 1 | GDM |
| .....aacauucaacUcugucggugag.....    | 2    | 1 | GDM |
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| .....aacacucaacgcugucggugag.....    | 27   | 1 | GDM |
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| .....aacauucaacgcugucggGgag.....    | 2    | 1 | GDM |
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| .....aacauuAaacgcugucggugag.....    | 2    | 1 | GDM |
| .....aacauucaacgcGgucggugag.....    | 1    | 1 | GDM |
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| .....aacauucaCcgucugucggugagu.....  | 21   | 1 | GDM |
| .....aacauucaacCcugucggugagu.....   | 4    | 1 | GDM |

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gccuucagaggacuccaaggaaacauucaacgcugucggugaguuuugggaaauugaaaaaacacugaccguugacugacuuccuuggggucuuacagacgacacuaacauuuc

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| .....aacauucaacgcugucggugUgu.....  | 9    | 1 | GDM |
| .....aacauucaCcgucugcggugagu.....  | 2    | 1 | GDM |
| .....aacauucaacgcugucgCugagu.....  | 1    | 1 | GDM |
| .....aacauucaacgcugucggCgagu.....  | 16   | 1 | GDM |
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| .....aacauCcaacgcugucggugagu.....  | 25   | 1 | GDM |
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| .....aacGuucaacgcugucggugagu.....  | 16   | 1 | GDM |
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| .....aacauucaacgcCgucggugagu.....  | 10   | 1 | GDM |
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| .....aacauucaacgcugucggugagu.....  | 19   | 1 | GDM |
| .....Nacauucaacgcugucggugagu.....  | 1    | 1 | GDM |
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| .....aacauucaacgcugucgAuugagu..... | 6    | 1 | GDM |
| .....aacauucaacgcugucggugagC.....  | 209  | 1 | GDM |
| .....aGcauucaacgcugucggugagu.....  | 24   | 1 | GDM |
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| .....aacauucaacgcugucggugUgu.....  | 9    | 1 | GDM |
| .....aacAuucaacgcugucggugagu.....  | 4    | 1 | GDM |
| .....aacauucaacgcugucggugagC.....  | 209  | 1 | GDM |
| .....aacauucaacgcugucgAuugagu..... | 6    | 1 | GDM |
| .....aacauucaacgcugucAuugagu.....  | 6    | 1 | GDM |
| .....aacauucaacgUugucggugagu.....  | 4    | 1 | GDM |
| .....aacauucaacgcugucggugaCu.....  | 1    | 1 | GDM |
| .....aCcauucaacgcugucggugagu.....  | 2    | 1 | GDM |
| .....aacauucaacgcugucggugagA.....  | 1506 | 1 | GDM |
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| .....aacauucaacgcugUggugagu.....   | 7    | 1 | GDM |
| .....aacauucGacgcugucggugagu.....  | 18   | 1 | GDM |
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| .....aacauucaacgcugucAuugagu.....  | 6    | 1 | GDM |
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| .....aNcauucaacgcugucggugagu.....  | 1    | 1 | GDM |
| .....Uacauucaacgcugucggugagu.....  | 4    | 1 | GDM |
| .....aaAuucaacgcugucggugagu.....   | 1    | 1 | GDM |
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| .....Gacauucaacgcugucggugagu.....  | 12   | 1 | GDM |
| .....aacauucaaaUgcugucggugagu..... | 15   | 1 | GDM |
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| .....aacauucaacgAuugucggugagu..... | 1    | 1 | GDM |
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| .....aacauucaacgcugucggugagG.....  | 25   | 1 | GDM |
| .....aacauucaacgcugCcgugagu.....   | 11   | 1 | GDM |
| .....aacauucaacgcugucggugagA.....  | 1506 | 1 | GDM |

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gccuucagaggacuccaaggaaacauucaacgcugucggugaguuuugggaaauugaaaaaacacugaccguugacugacuuccuuggggucuuacagacgacacuaacauuuc

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|-----------------------------|-----|---|-----|
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| .aacaCucaacgcugucggugagu    | 19  | 1 | GDM |
| .aacauucaacgcugucgAgagu     | 6   | 1 | GDM |
| .aacauAcaacgcugucggugagu    | 6   | 1 | GDM |
| .aacauucGacgcugucggugagu    | 18  | 1 | GDM |
| .aacauucaacgcugucggugGgu    | 23  | 1 | GDM |
| .aacGuucaacgcugucggugagu    | 16  | 1 | GDM |
| .aacauucaaaUgcugucggugagu   | 15  | 1 | GDM |
| .aacauucaacgcugucggugagC    | 209 | 1 | GDM |
| .aacauuAaacgcugucggugagu    | 2   | 1 | GDM |
| .aacauucaUgcugucggugagu     | 10  | 1 | GDM |
| .aacauucaacgcugucggugGgu    | 23  | 1 | GDM |
| .aacauucGacgcugucggugagu    | 18  | 1 | GDM |
| .aacauucaacgcugucggCgagu    | 16  | 1 | GDM |
| .Gacauucaacgcugucggugagu    | 12  | 1 | GDM |
| .aacauucaacgcuAucggugagu    | 4   | 1 | GDM |
| .aacauCcaacgcugucggugagu    | 25  | 1 | GDM |
| .aacauAcaacgcugucggugagu    | 6   | 1 | GDM |
| .aacauucUacgcugucggugagu    | 4   | 1 | GDM |
| .aacauucaacgcugCcgugagu     | 11  | 1 | GDM |
| .aacauucaacAcugucggugagu    | 7   | 1 | GDM |
| .aacauucaacgcugucggugaguu   | 40  | 0 | GDM |
| .aacauucaacgcugucggCgaguu   | 1   | 1 | GDM |
| .aacauucaacgcugucggugagAu   | 6   | 1 | GDM |
| .aacauucaacgcugucggugagGu   | 1   | 1 | GDM |
| .aacauucaaaUgcugucggugaguu  | 1   | 1 | GDM |
| .aacauucaacgcugucggugaguA   | 5   | 1 | GDM |
| .aacauucaacgcugucggugaguA   | 5   | 1 | GDM |
| .aacauucaacgcugucggugGguu   | 3   | 1 | GDM |
| .aacauucaacgcugucggugaguC   | 3   | 1 | GDM |
| .aacauucaacgcugucggugaguu   | 40  | 0 | GDM |
| .aacauucaacgcugucggugagCuu  | 1   | 1 | GDM |
| .aacauucaacgcugucggugaguuu  | 23  | 0 | GDM |
| .aacauucaacgcCgucggugaguuu  | 1   | 1 | GDM |
| .aacauucaacgcugucggugaguuu  | 23  | 0 | GDM |
| .aacauucaacgcugucggugaguuu  | 23  | 0 | GDM |
| .aacauucaacgcugucggugaguuC  | 3   | 1 | GDM |
| .aacauucaacgcugucggugaguuC  | 3   | 1 | GDM |
| .aacauucaacgcugucggugaguuuC | 1   | 1 | GDM |
| .aacauucaacgcugucggugaguuuU | 6   | 1 | GDM |
| .aacauucaacgcugucggugaguuuU | 6   | 1 | GDM |
| .acauucaacgcugucgguga       | 3   | 0 | GDM |
| .acauucaacgcugucggugag      | 3   | 0 | GDM |
| .acauucaacgcugucggugCg      | 1   | 1 | GDM |
| .acauucaacgcugucggugagu     | 4   | 0 | GDM |
| .acauucaacgcugucggugagA     | 5   | 1 | GDM |
| .acauucaacgcugucggugagu     | 4   | 0 | GDM |
| .acauucaacgcuAucggugagu     | 1   | 1 | GDM |
| .acauucaacgcugucggugaguuu   | 1   | 0 | GDM |
| .acauucaacgcugucggugaguuC   | 1   | 1 | GDM |
| .cauucaacgcugucgguga        | 1   | 0 | GDM |
| .auucaacgcugucgguga         | 2   | 0 | GDM |
| .auucaacgcugucggugagA       | 1   | 1 | GDM |
| .aacacugaccguugacugA        | 1   | 1 | GDM |
| .aacacugaccguugacugua       | 1   | 0 | GDM |
| .aacacCgaccguugacugac       | 1   | 1 | GDM |
| .aacacugaccguugacugacuuC    | 2   | 1 | GDM |
| .aacacugaccgCugacugu        | 3   | 1 | GDM |
| .aacacugaccguugacugu        | 45  | 0 | GDM |
| .aacacugaccguugacugC        | 2   | 1 | GDM |
| .aacacugaccguugacugu        | 1   | 1 | GDM |
| .aacacugaccguugacugA        | 1   | 1 | GDM |

Mature

Star

gccuucagaggacuccaaggaaacauucaacgcugucggugaguuuugggauuugaaaaaacacugaccguugacugacuaccuuggggucuuacagacgacacuaacauuuc

|                                   |     |   |     |
|-----------------------------------|-----|---|-----|
| .....accacugaccgCugacugU.....     | 3   | 1 | GDM |
| .....accacugaccguugacugC.....     | 2   | 1 | GDM |
| .....accacugaccguugacugU.....     | 45  | 0 | GDM |
| .....accacugaccguugacugU.....     | 45  | 0 | GDM |
| .....acUacugaccguugacugU.....     | 1   | 1 | GDM |
| .....accacugaccgCugacugU.....     | 3   | 1 | GDM |
| .....accacuAaccguugacugua.....    | 4   | 1 | GDM |
| .....Gccacugaccguugacugua.....    | 1   | 1 | GDM |
| .....accacugaccguugacugua.....    | 264 | 0 | GDM |
| .....accacugaccguCgacugua.....    | 2   | 1 | GDM |
| .....accacugaccguugacugU.....     | 2   | 1 | GDM |
| .....accacugaccguugacuCua.....    | 1   | 1 | GDM |
| .....accaUugaccguugacugua.....    | 1   | 1 | GDM |
| .....accGcugaccguugacugua.....    | 2   | 1 | GDM |
| .....accacugaccgCugacugua.....    | 2   | 1 | GDM |
| .....accacugaccgAugacugua.....    | 1   | 1 | GDM |
| .....accacugaccguCgacugua.....    | 2   | 1 | GDM |
| .....accacuAaccguugacugua.....    | 4   | 1 | GDM |
| .....accacGgaccguugacugua.....    | 1   | 1 | GDM |
| .....accacuAaccguugacugua.....    | 4   | 1 | GDM |
| .....accacugaccguugacugCa.....    | 3   | 1 | GDM |
| .....accacugacUguugacugua.....    | 3   | 1 | GDM |
| .....accacugaccguugacugUG.....    | 1   | 1 | GDM |
| .....accGcugaccguugacugua.....    | 2   | 1 | GDM |
| .....accacugaccguugacugU.....     | 7   | 1 | GDM |
| .....accacugaccguugacugua.....    | 264 | 0 | GDM |
| .....accacugacUguugacugua.....    | 3   | 1 | GDM |
| .....accacugaccguugacugU.....     | 7   | 1 | GDM |
| .....accacugaccguugacugua.....    | 264 | 0 | GDM |
| .....acUacugaccguugacugua.....    | 1   | 1 | GDM |
| .....accacugaccguugacUGua.....    | 1   | 1 | GDM |
| .....accacugaccguugGcugua.....    | 2   | 1 | GDM |
| .....accacugaccguugacuguaA.....   | 2   | 1 | GDM |
| .....accacugaccguugacuguaC.....   | 11  | 0 | GDM |
| .....accacugaccguugacuguaC.....   | 11  | 0 | GDM |
| .....accacugaccguugacuguaCU.....  | 19  | 1 | GDM |
| .....accacGgaccguugacuguaCC.....  | 1   | 1 | GDM |
| .....accacugaccguugacuguaCU.....  | 19  | 1 | GDM |
| .....accacugaccguugacuguaCC.....  | 17  | 0 | GDM |
| .....accacugacUguugacuguaCC.....  | 1   | 1 | GDM |
| .....accacugaccguugacuguaCC.....  | 17  | 0 | GDM |
| .....accacuAaccguugacuguaCC.....  | 1   | 1 | GDM |
| .....accacugaccguugacuguaCU.....  | 19  | 1 | GDM |
| .....accacugaccguugacuguaUc.....  | 1   | 1 | GDM |
| .....accacugaccguugacuguaCA.....  | 8   | 1 | GDM |
| .....accacugaccguugacuguaCA.....  | 8   | 1 | GDM |
| .....accacugaccguugacuguaCA.....  | 8   | 1 | GDM |
| .....accacugaccguugacuguaCC.....  | 17  | 0 | GDM |
| .....accacugaccguugacuguaCCG..... | 1   | 1 | GDM |
| .....accacugaccguugacuguaCCU..... | 4   | 0 | GDM |
| .....accacugaccguugacuguaCCU..... | 4   | 0 | GDM |
| .....accacugaccguugacuguaCCA..... | 1   | 1 | GDM |

|                                    |     |   |     |
|------------------------------------|-----|---|-----|
| .....gaacauucaacgcugucggU.....     | 1   | 0 | Z3_ |
| .....gaacauucaacgcugucgguga.....   | 7   | 0 | Z3_ |
| .....gaacauucaacgcugucggugagA..... | 1   | 1 | Z3_ |
| .....aacauucaacgcugucggC.....      | 1   | 1 | Z3_ |
| .....aacauucaacgcugucggU.....      | 21  | 0 | Z3_ |
| .....aacauucaacAcugucggug.....     | 1   | 1 | Z3_ |
| .....aGcauucaacgcugucggug.....     | 1   | 1 | Z3_ |
| .....aacauucaacgcugucggUC.....     | 3   | 1 | Z3_ |
| .....aacGuuucaacgcugucggug.....    | 1   | 1 | Z3_ |
| .....aacauucaacgcugucggug.....     | 195 | 0 | Z3_ |
| .....aacauucGacgcugucggug.....     | 3   | 1 | Z3_ |
| .....aacauucaacgcugUggug.....      | 1   | 1 | Z3_ |
| .....aacauucaacgcCgucggug.....     | 1   | 1 | Z3_ |
| .....aacauucaacgcugucggUA.....     | 15  | 1 | Z3_ |
| .....aacauucaacgcugCcgug.....      | 1   | 1 | Z3_ |
| .....aacauucaacgcCgucgguga.....    | 8   | 1 | Z3_ |

Mature

Star

gccuucagaggacuccaaggaaacauucaacgcugucggugaguuuugggaaauugaaaaaacacugaccguugacugacuuccuuggggucuuacagacgacacuaacauuuc

|                                   |      |   |     |
|-----------------------------------|------|---|-----|
| .....aacauucaacgcugucAguga.....   | 3    | 1 | Z3_ |
| .....Cacauucaacgcugucgguga.....   | 1    | 1 | Z3_ |
| .....aacauucGacgcugucgguga.....   | 2    | 1 | Z3_ |
| .....aacauucaacgcugucggCga.....   | 7    | 1 | Z3_ |
| .....Gacauucaacgcugucgguga.....   | 7    | 1 | Z3_ |
| .....aacauCcaacgcugucgguga.....   | 1    | 1 | Z3_ |
| .....aGcauucaacgcugucgguga.....   | 6    | 1 | Z3_ |
| .....aacauucaaaUgcugucgguga.....  | 8    | 1 | Z3_ |
| .....aacauucaacgcuuUcgguga.....   | 1    | 1 | Z3_ |
| .....aacauucaacgcucgAuga.....     | 1    | 1 | Z3_ |
| .....aacauucaacgcGgucgguga.....   | 3    | 1 | Z3_ |
| .....aUcauucaacgcugucgguga.....   | 2    | 1 | Z3_ |
| .....aacauucaacgcugCcguga.....    | 4    | 1 | Z3_ |
| .....aacauucaacgcugucgguga.....   | 1360 | 0 | Z3_ |
| .....aacauucaacUcugucgguga.....   | 1    | 1 | Z3_ |
| .....aacauucaacgcuuLucgguga.....  | 2    | 1 | Z3_ |
| .....aacauucaacgcuguAgguga.....   | 3    | 1 | Z3_ |
| .....aacUuucaacgcugucgguga.....   | 3    | 1 | Z3_ |
| .....aacauucaacgcugAcgguga.....   | 3    | 1 | Z3_ |
| .....aaUauucaacgcugucgguga.....   | 3    | 1 | Z3_ |
| .....aacauucaacgcugucggugC.....   | 2    | 1 | Z3_ |
| .....aacauucaaaAgcugucgguga.....  | 1    | 1 | Z3_ |
| .....aacauucaacgcuguUgguga.....   | 1    | 1 | Z3_ |
| .....aacauucaacgcAgucgguga.....   | 3    | 1 | Z3_ |
| .....aacGuucaacgcugucgguga.....   | 6    | 1 | Z3_ |
| .....aacauucaacgcugucggGga.....   | 2    | 1 | Z3_ |
| .....Nacauucaacgcugucgguga.....   | 1    | 1 | Z3_ |
| .....aacauucaGcgcugucgguga.....   | 6    | 1 | Z3_ |
| .....aacauucaacgcugucgguuAa.....  | 1    | 1 | Z3_ |
| .....aacauuuAaacgcugucgguga.....  | 2    | 1 | Z3_ |
| .....aacaCucaacgcugucgguga.....   | 8    | 1 | Z3_ |
| .....aacauucaacgcugucggugU.....   | 43   | 1 | Z3_ |
| .....aacauucaacgcugucggugG.....   | 15   | 1 | Z3_ |
| .....aacaCucaacgcugucggugag.....  | 2    | 1 | Z3_ |
| .....aacauucGacgcugucggugag.....  | 5    | 1 | Z3_ |
| .....aacauucaacgcugucggCgag.....  | 1    | 1 | Z3_ |
| .....aaUauucaacgcugucggugag.....  | 8    | 1 | Z3_ |
| .....aacauucaacgcAgucggugag.....  | 1    | 1 | Z3_ |
| .....aacauucaacgcugucggAgag.....  | 1    | 1 | Z3_ |
| .....Uacauucaacgcugucggugag.....  | 1    | 1 | Z3_ |
| .....Gacauucaacgcugucggugag.....  | 3    | 1 | Z3_ |
| .....aacUuucaacgcugucggugag.....  | 2    | 1 | Z3_ |
| .....aacauucaacgcCgucggugag.....  | 4    | 1 | Z3_ |
| .....aacauucaacgcugucUgugag.....  | 1    | 1 | Z3_ |
| .....aacauucaacgcugucggugag.....  | 798  | 0 | Z3_ |
| .....aacauCcaacgcugucggugag.....  | 5    | 1 | Z3_ |
| .....aacauucaacgcugucAgugag.....  | 1    | 1 | Z3_ |
| .....aacauucaacgcugucggugaC.....  | 1    | 1 | Z3_ |
| .....aacauucaacgcugucggugaU.....  | 3    | 1 | Z3_ |
| .....aacauucaacgcugucggugGg.....  | 5    | 1 | Z3_ |
| .....aacauAcaacgcugucggugag.....  | 1    | 1 | Z3_ |
| .....aacauucaacgcugCcgugag.....   | 7    | 1 | Z3_ |
| .....aacauucaaaAgcugucggugag..... | 1    | 1 | Z3_ |
| .....aacauucaCcgucugucggugag..... | 1    | 1 | Z3_ |
| .....aGcauucaacgcugucggugag.....  | 6    | 1 | Z3_ |
| .....aacauucaacgcuuLucggugag..... | 1    | 1 | Z3_ |
| .....aacauuuAaacgcugucggugag..... | 1    | 1 | Z3_ |
| .....aacauucaacgcugucgguuUag..... | 1    | 1 | Z3_ |
| .....aacauucaacgcugucggugaA.....  | 51   | 1 | Z3_ |
| .....aacauucaacgcuguUggugag.....  | 1    | 1 | Z3_ |
| .....aacaAucaacgcugucggugag.....  | 1    | 1 | Z3_ |
| .....aacauucaacgcUugucggugag..... | 1    | 1 | Z3_ |
| .....aacauucaUcgcugucggugag.....  | 1    | 1 | Z3_ |
| .....aacauucaGcgcugucggugag.....  | 6    | 1 | Z3_ |
| .....aacauucaacgcugucggugagC..... | 60   | 1 | Z3_ |
| .....aacauucaacgcAgucggugagu..... | 3    | 1 | Z3_ |
| .....aacaCucaacgcugucggugagu..... | 1    | 1 | Z3_ |
| .....Gacauucaacgcugucggugagu..... | 4    | 1 | Z3_ |
| .....aGcauucaacgcugucggugagu..... | 2    | 1 | Z3_ |
| .....aacauucaacgcCgucggugagu..... | 1    | 1 | Z3_ |



Mature

Star

gccuucagaggacuccaaggaaacauucaacgcugucggugaguuuugggaaauugaaaaaacacugaccguugacugacuuccuuggggucuuacagacgacacuaacauuuc

|                         |    |   |     |
|-------------------------|----|---|-----|
| .aacUuuccaacgcugucggug  | 2  | 1 | Z1_ |
| .aacauucaacgcugucggug   | 3  | 1 | Z1_ |
| .aacauucaacgcCgucggug   | 7  | 1 | Z1_ |
| .aacauucaacgcugUggug    | 4  | 1 | Z1_ |
| .aaAauucaacgcugucggug   | 1  | 1 | Z1_ |
| .aacauucaacgcUucggug    | 1  | 1 | Z1_ |
| .aacauucaacUcugucggug   | 1  | 1 | Z1_ |
| .aacauuUaacgcugucggug   | 1  | 1 | Z1_ |
| .aacacucaacgcugucggug   | 7  | 1 | Z1_ |
| .aacauucaacgcugucggGg   | 1  | 1 | Z1_ |
| .Uacauucaacgcugucggug   | 5  | 1 | Z1_ |
| .aacauCcaacgcugucggug   | 7  | 1 | Z1_ |
| .aacauucaacgcugucgguA   | 58 | 1 | Z1_ |
| .aacauucGacgcugucggug   | 6  | 1 | Z1_ |
| .aUcauucaacgcugucggug   | 2  | 1 | Z1_ |
| .aacauucaacgcugucggU    | 7  | 1 | Z1_ |
| .aacauucaacgcugucggAg   | 1  | 1 | Z1_ |
| .aacauucaacAcugucggug   | 1  | 1 | Z1_ |
| .aacAUcaacgcugucggug    | 1  | 1 | Z1_ |
| .aacauucaacgUugucggug   | 4  | 1 | Z1_ |
| .Gacauucaacgcugucggug   | 6  | 1 | Z1_ |
| .aacauucaacgcugucgAug   | 2  | 1 | Z1_ |
| .aNcauucaacgcugucggug   | 1  | 1 | Z1_ |
| .aacAUcaacgcugucggug    | 1  | 1 | Z1_ |
| .aacauucaaaUgcugucggug  | 4  | 1 | Z1_ |
| .aacauucaacgcugCcgug    | 2  | 1 | Z1_ |
| .aGcauucaacgcugucggug   | 4  | 1 | Z1_ |
| .aacauAcaacgcugucggug   | 1  | 1 | Z1_ |
| .aacauucaacUcugucgguga  | 2  | 1 | Z1_ |
| .aacauucaaaGgcugucgguga | 1  | 1 | Z1_ |
| .aacauucaacgcugucggugC  | 10 | 1 | Z1_ |
| .aacauucaacgcugucgguCa  | 1  | 1 | Z1_ |
| .aacauNcaacgcugucgguga  | 1  | 1 | Z1_ |
| .aacauucaacgcugUgguga   | 15 | 1 | Z1_ |
| .aacauCcaacgcugucgguga  | 36 | 1 | Z1_ |
| .aacauucaacgcCgucgguga  | 36 | 1 | Z1_ |
| .aacauucaacgUugucgguga  | 10 | 1 | Z1_ |
| .aacauucaacgcugucgguAa  | 4  | 1 | Z1_ |
| .Nacauucaacgcugucgguga  | 3  | 1 | Z1_ |
| .aacCuucaacgcugucgguga  | 1  | 1 | Z1_ |
| .aacacucaacgcugucgguga  | 48 | 1 | Z1_ |
| .aacauuAaacgcugucgguga  | 6  | 1 | Z1_ |
| .aacauucaacgcucggAga    | 4  | 1 | Z1_ |
| .aacauucaacAcugucgguga  | 19 | 1 | Z1_ |
| .aacauucaacgAugucgguga  | 2  | 1 | Z1_ |
| .aacauGcaacgcugucgguga  | 2  | 1 | Z1_ |
| .aacauucaaaUgcugucgguga | 21 | 1 | Z1_ |
| .aaUauucaacgcugucgguga  | 8  | 1 | Z1_ |
| .aacauucaacgcugucgCuga  | 1  | 1 | Z1_ |
| .aacauucGacgcugucgguga  | 35 | 1 | Z1_ |
| .aCcauucaacgcugucgguga  | 2  | 1 | Z1_ |
| .aacauucaacgcugCcguga   | 26 | 1 | Z1_ |
| .aacauucaacgcugucggugU  | 90 | 1 | Z1_ |
| .aacauucaacgcGgucgguga  | 6  | 1 | Z1_ |
| .aacauucaacgcugucggugG  | 70 | 1 | Z1_ |
| .aacauucCacgcugucgguga  | 1  | 1 | Z1_ |
| .Gacauucaacgcugucgguga  | 38 | 1 | Z1_ |
| .aacauucUacgcugucgguga  | 5  | 1 | Z1_ |
| .aacauucaacgcugucgAuga  | 3  | 1 | Z1_ |
| .aacauucaacgcugucgAuga  | 17 | 1 | Z1_ |
| .aGcauucaacgcugucgguga  | 44 | 1 | Z1_ |
| .aacauucaGcgcugucgguga  | 39 | 1 | Z1_ |
| .aacauAcaacgcugucgguga  | 11 | 1 | Z1_ |
| .aacGUucaacgcugucgguga  | 26 | 1 | Z1_ |
| .aacacucaacgcugucgguga  | 1  | 1 | Z1_ |
| .Uacauucaacgcugucgguga  | 16 | 1 | Z1_ |
| .aacauucaacgcUucgguga   | 10 | 1 | Z1_ |
| .aacauucaacCcuucgguga   | 2  | 1 | Z1_ |
| .aacAUcaacgcugucgguga   | 7  | 1 | Z1_ |
| .aacauucaacgcAugucgguga | 10 | 1 | Z1_ |

Mature

Star

| Sequence                                                                                                           | Mature Count | Star Count | Category |
|--------------------------------------------------------------------------------------------------------------------|--------------|------------|----------|
| gccuucagaggacuccaaggaaacauucaacgcugucggugaguuuugggaaauugaaaaaacacugaccguugacugacuuccuuggggucuuacagacgacacuaacauuuc |              |            |          |
| .....aacauucaacgcuUcgguga.....                                                                                     | 1            | 1          | Z1_      |
| .....aacauucaacgcugucgguUa.....                                                                                    | 3            | 1          | Z1_      |
| .....Cacauucaacgcugucgguga.....                                                                                    | 4            | 1          | Z1_      |
| .....aacauucaacgcugucgguga.....                                                                                    | 7202         | 0          | Z1_      |
| .....aacauucaacgcugucggCga.....                                                                                    | 36           | 1          | Z1_      |
| .....aaAauucaacgcugucgguga.....                                                                                    | 3            | 1          | Z1_      |
| .....aacauucaacgcugucUguga.....                                                                                    | 5            | 1          | Z1_      |
| .....aacUuucaacgcugucgguga.....                                                                                    | 6            | 1          | Z1_      |
| .....aacauucaacgcugAcgguga.....                                                                                    | 3            | 1          | Z1_      |
| .....aacauucaacgcuguAgguga.....                                                                                    | 1            | 1          | Z1_      |
| .....aacauucaUcgcugucgguga.....                                                                                    | 9            | 1          | Z1_      |
| .....aacauucaCcgucugucgguga.....                                                                                   | 2            | 1          | Z1_      |
| .....aacauuUaacgcugucgguga.....                                                                                    | 6            | 1          | Z1_      |
| .....aUcauucaacgcugucgguga.....                                                                                    | 7            | 1          | Z1_      |
| .....aacNuucaacgcugucgguga.....                                                                                    | 1            | 1          | Z1_      |
| .....aacauucaacgcugucUuga.....                                                                                     | 1            | 1          | Z1_      |
| .....aacauucaacgcugucGAugag.....                                                                                   | 7            | 1          | Z1_      |
| .....aNcauucaacgcugucggugag.....                                                                                   | 2            | 1          | Z1_      |
| .....aacauucaacgcugucggugUg.....                                                                                   | 3            | 1          | Z1_      |
| .....aacauucaacgcugucggugag.....                                                                                   | 2500         | 0          | Z1_      |
| .....aacauucaacgcuguUggugag.....                                                                                   | 7            | 1          | Z1_      |
| .....aacAaucaacgcugucggugag.....                                                                                   | 2            | 1          | Z1_      |
| .....aGcauucaacgcugucggugag.....                                                                                   | 26           | 1          | Z1_      |
| .....aacauucaacgcugucggCgag.....                                                                                   | 15           | 1          | Z1_      |
| .....aacauucaacgcugucAgugag.....                                                                                   | 13           | 1          | Z1_      |
| .....aacauCcaacgcugucggugag.....                                                                                   | 9            | 1          | Z1_      |
| .....aacauucaacgcUacggugag.....                                                                                    | 3            | 1          | Z1_      |
| .....Gacauucaacgcugucggugag.....                                                                                   | 13           | 1          | Z1_      |
| .....aacauuUaacgcugucggugag.....                                                                                   | 2            | 1          | Z1_      |
| .....aaUauucaacgcugucggugag.....                                                                                   | 3            | 1          | Z1_      |
| .....aacauucaacgcugucggugaU.....                                                                                   | 11           | 1          | Z1_      |
| .....aacauucaacgcGgucggugag.....                                                                                   | 1            | 1          | Z1_      |
| .....aacauucaacgcCgucggugag.....                                                                                   | 7            | 1          | Z1_      |
| .....aacauucaaaUgcugucggugag.....                                                                                  | 8            | 1          | Z1_      |
| .....aacUuucaacgcugucggugag.....                                                                                   | 2            | 1          | Z1_      |
| .....aacauucaacgcugAcggugag.....                                                                                   | 4            | 1          | Z1_      |
| .....aacauucaaaAgcugucggugag.....                                                                                  | 1            | 1          | Z1_      |
| .....aacauucGacgcugucggugag.....                                                                                   | 16           | 1          | Z1_      |
| .....aacauucaacgcugucggugGg.....                                                                                   | 18           | 1          | Z1_      |
| .....aacauucUacgcugucggugag.....                                                                                   | 3            | 1          | Z1_      |
| .....Cacauucaacgcugucggugag.....                                                                                   | 2            | 1          | Z1_      |
| .....aacauucaCcgucugucggugag.....                                                                                  | 13           | 1          | Z1_      |
| .....aacauucaacgcugucggugaC.....                                                                                   | 11           | 1          | Z1_      |
| .....aUcauucaacgcugucggugag.....                                                                                   | 1            | 1          | Z1_      |
| .....Uacauucaacgcugucggugag.....                                                                                   | 3            | 1          | Z1_      |
| .....aacauucaacgcugCcgugag.....                                                                                    | 16           | 1          | Z1_      |
| .....aCcauucaacgcugucggugag.....                                                                                   | 1            | 1          | Z1_      |
| .....aacauucaacAcugucggugag.....                                                                                   | 5            | 1          | Z1_      |
| .....aacauucaacgUugucggugag.....                                                                                   | 1            | 1          | Z1_      |
| .....aacauucaacgcugucggAgag.....                                                                                   | 1            | 1          | Z1_      |
| .....aacauAcaacgcugucggugag.....                                                                                   | 2            | 1          | Z1_      |
| .....aacauuAaacgcugucggugag.....                                                                                   | 2            | 1          | Z1_      |
| .....aacauucaacgcugucggugaA.....                                                                                   | 130          | 1          | Z1_      |
| .....aacauucaacgcugucUgugag.....                                                                                   | 3            | 1          | Z1_      |
| .....aacGuucaacgcugucggugag.....                                                                                   | 8            | 1          | Z1_      |
| .....aacacucaacgcugucggugag.....                                                                                   | 17           | 1          | Z1_      |
| .....aUcauucaacgcugucggugagu.....                                                                                  | 4            | 1          | Z1_      |
| .....aacauucaacgcugucGAugagu.....                                                                                  | 3            | 1          | Z1_      |
| .....aacauucaacgcugucUgugagu.....                                                                                  | 4            | 1          | Z1_      |
| .....Uacauucaacgcugucggugagu.....                                                                                  | 7            | 1          | Z1_      |
| .....aacauucaacgcugAcggugagu.....                                                                                  | 2            | 1          | Z1_      |
| .....aacauCcaacgcugucggugagu.....                                                                                  | 28           | 1          | Z1_      |
| .....aacauucUacgcugucggugagu.....                                                                                  | 4            | 1          | Z1_      |
| .....aacauucaacAcugucggugagu.....                                                                                  | 3            | 1          | Z1_      |
| .....aGcauucaacgcugucggugagu.....                                                                                  | 11           | 1          | Z1_      |
| .....Gacauucaacgcugucggugagu.....                                                                                  | 15           | 1          | Z1_      |
| .....Cacauucaacgcugucggugagu.....                                                                                  | 5            | 1          | Z1_      |
| .....aacauAcaacgcugucggugagu.....                                                                                  | 8            | 1          | Z1_      |
| .....aacauucaacgcugucggugagu.....                                                                                  | 3314         | 0          | Z1_      |
| .....Nacauucaacgcugucggugagu.....                                                                                  | 1            | 1          | Z1_      |

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|                                      |      |   |     |
|--------------------------------------|------|---|-----|
| .....aacauucaacgAugucggugagu.....    | 1    | 1 | Z1_ |
| .....aacauucaacgcCgucggugagu.....    | 17   | 1 | Z1_ |
| .....aacauucaacgcAgucggugagu.....    | 5    | 1 | Z1_ |
| .....aacauuUaacgcugucggugagu.....    | 8    | 1 | Z1_ |
| .....aacauucaacgcuAucggugagu.....    | 10   | 1 | Z1_ |
| .....aacauucaacgcugAggugagu.....     | 2    | 1 | Z1_ |
| .....aacauucaacgcugucggugagA.....    | 1440 | 1 | Z1_ |
| .....aacauucaacgcugucCgugagu.....    | 2    | 1 | Z1_ |
| .....aacauucaaaUgcugucggugagu.....   | 11   | 1 | Z1_ |
| .....aacauucaacgcugucggugagu.....    | 1    | 1 | Z1_ |
| .....aacauucaacgcugucggGgagu.....    | 1    | 1 | Z1_ |
| .....aacauucaacgcugucggugUgu.....    | 3    | 1 | Z1_ |
| .....aacauucCacgcugucggugagu.....    | 2    | 1 | Z1_ |
| .....aacauucaacgcGgucggugagu.....    | 1    | 1 | Z1_ |
| .....aacCuucaacgcugucggugagu.....    | 2    | 1 | Z1_ |
| .....aCcauucaacgcugucggugagu.....    | 1    | 1 | Z1_ |
| .....aacauucaacgcugucCugagu.....     | 1    | 1 | Z1_ |
| .....aacauucaacgcugucggugagG.....    | 43   | 1 | Z1_ |
| .....aacCucaacgcugucggugagu.....     | 12   | 1 | Z1_ |
| .....aacauucaacgcugucAgugagu.....    | 5    | 1 | Z1_ |
| .....aacauucaacgcugucggugaAu.....    | 5    | 1 | Z1_ |
| .....aacauucaacCcugucggugagu.....    | 1    | 1 | Z1_ |
| .....aaUauucaacgcugucggugagu.....    | 5    | 1 | Z1_ |
| .....aacauucaUcgcugucggugagu.....    | 1    | 1 | Z1_ |
| .....aacauucaCcgucugucggugagu.....   | 1    | 1 | Z1_ |
| .....aacauGcaacgcugucggugagu.....    | 1    | 1 | Z1_ |
| .....aacauucaaaAgucugucggugagu.....  | 1    | 1 | Z1_ |
| .....aacauucaacgcugucggugUagu.....   | 2    | 1 | Z1_ |
| .....aacauucaacgcugUggugagu.....     | 3    | 1 | Z1_ |
| .....aNcauucaacgcugucggugagu.....    | 2    | 1 | Z1_ |
| .....aacauuAaacgcugucggugagu.....    | 1    | 1 | Z1_ |
| .....aacauucaacgcugucggAgagu.....    | 4    | 1 | Z1_ |
| .....aacauucaacgcugucggugagC.....    | 216  | 1 | Z1_ |
| .....aacauucaacgcugucggCgagu.....    | 8    | 1 | Z1_ |
| .....aacauucaacgUugucggugagu.....    | 1    | 1 | Z1_ |
| .....aacauucaGcgucugucggugagu.....   | 18   | 1 | Z1_ |
| .....aacGuucaacgcugucggugagu.....    | 22   | 1 | Z1_ |
| .....aacauucaacgcuCucggugagu.....    | 1    | 1 | Z1_ |
| .....aacauucaacgcugucgguaAgu.....    | 2    | 1 | Z1_ |
| .....aacUuucaacgcugucggugagu.....    | 9    | 1 | Z1_ |
| .....aacAuucaacgcugucggugagu.....    | 4    | 1 | Z1_ |
| .....aaAuucaacgcugucggugagu.....     | 1    | 1 | Z1_ |
| .....aacauucaacgcugCcgugagu.....     | 16   | 1 | Z1_ |
| .....aacauucaacgcugucggugGgu.....    | 20   | 1 | Z1_ |
| .....aacauucGacgcugucggugagu.....    | 22   | 1 | Z1_ |
| .....aacauucaacgcugucggugGguu.....   | 1    | 1 | Z1_ |
| .....aacauucaacgcugucggugagAu.....   | 5    | 1 | Z1_ |
| .....aacauucaacgcugucggugaguC.....   | 1    | 1 | Z1_ |
| .....aacauucaacgcugucggugaguu.....   | 26   | 0 | Z1_ |
| .....aUcauucaacgcugucggugaguu.....   | 2    | 1 | Z1_ |
| .....aacauucaacgcugucggugagCu.....   | 2    | 1 | Z1_ |
| .....aacauucaacgcugucggugaguuC.....  | 2    | 1 | Z1_ |
| .....aacauucaacgcugucggugagAu.....   | 1    | 1 | Z1_ |
| .....aacauucaacgcAgucggugaguuu.....  | 1    | 1 | Z1_ |
| .....aacauucaacgcugucggugaguuu.....  | 10   | 0 | Z1_ |
| .....aacauucaacgcugucggugaguuuU..... | 8    | 1 | Z1_ |
| .....aacauucaacgcugucggugaguuuC..... | 1    | 1 | Z1_ |
| .....acaauucaacgcugucggug.....       | 1    | 0 | Z1_ |
| .....acaauucaacgcugucggugagu.....    | 10   | 0 | Z1_ |
| .....uucaacgcugucggugaguuuagA.....   | 2    | 1 | Z1_ |
| .....aaccacugaccguugacugu.....       | 2    | 0 | Z1_ |
| .....aaccGcugaccguugacugu.....       | 2    | 1 | Z1_ |
| .....aaccacugaccguugacugua.....      | 6    | 0 | Z1_ |
| .....Uccacugaccguugacugu.....        | 1    | 1 | Z1_ |
| .....accacugaccguugacugu.....        | 26   | 0 | Z1_ |
| .....accacugaccguugacugC.....        | 1    | 1 | Z1_ |
| .....accacugaccguugacugua.....       | 139  | 0 | Z1_ |
| .....accacugaccguugacuguU.....       | 3    | 1 | Z1_ |
| .....accacugaccguugacuguG.....       | 1    | 1 | Z1_ |
| .....accacugacUguugacugua.....       | 1    | 1 | Z1_ |

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|                                   |    |   |     |
|-----------------------------------|----|---|-----|
| .....accacugaccguugGcugua.....    | 2  | 1 | Z1_ |
| .....accacugaccguugacugCa.....    | 1  | 1 | Z1_ |
| .....accacugaccguugacCgua.....    | 1  | 1 | Z1_ |
| .....accGcugaccguugacugua.....    | 1  | 1 | Z1_ |
| .....accacugaccguAgacugua.....    | 1  | 1 | Z1_ |
| .....accacugaccguugacuguC.....    | 1  | 1 | Z1_ |
| .....accacugaccguugacuguac.....   | 4  | 0 | Z1_ |
| .....accacugaccguugacuguaU.....   | 2  | 1 | Z1_ |
| .....accacugaccguugacuguacc.....  | 21 | 0 | Z1_ |
| .....accacugaccguugacuguacU.....  | 18 | 1 | Z1_ |
| .....accacGgaccguugacuguacc.....  | 2  | 1 | Z1_ |
| .....accacugaccguugacuguacA.....  | 3  | 1 | Z1_ |
| .....accacugaccguugGcuguacc.....  | 2  | 1 | Z1_ |
| .....accacugaccguugacuguaUc.....  | 1  | 1 | Z1_ |
| .....accacugaccguugacCguacc.....  | 3  | 1 | Z1_ |
| .....accacugaccguugacuguacUu..... | 2  | 1 | Z1_ |