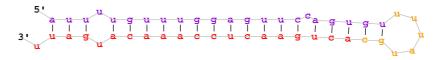
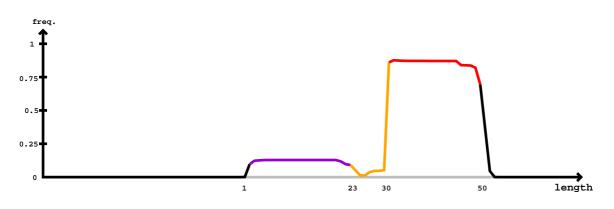
Provisional ID : chromosome_4_131820

Score total : 3126.4
Score for star read(s) : 3.9
Score for read counts : 3118.7
Score for mfe : 2.2
Score for randfold : 1.6

Score for cons. seed

Total read count : 6129
Mature read count : 5348
Loop read count : 0
Star read count : 781





| agguucaaccggauuuuucggaccacagccuacggcagggaauuuugguuuggaguuccagugu <mark>uuuaugcacugaacuccaaacaugauu</mark> uccuguucgguaggagagac | ex | • | |
|--|-------|----|--------|
| .(((((((()))))))((((((((((((| reads | mm | sample |
| .auuuuguuuggaguuccag | 14 | 0 | s07 |
| .auuuuguuuggaguuccaA | 1 | 1 | s07 |
| .auuuuguuuggaguuccagA | 8 | 1 | s07 |
| .auuuuguuuggaguuccagC | 3 | 1 | s07 |
| .auuuuguuuggaguuccagu | 3 | 0 | s07 |
| .auuuuguuuggaguuccaguA | 2 | 1 | s07 |
| .auuuuguuuggaguuccagugu | 1 | 0 | s07 |
| uuuuguuuggaguuccag | 2 | 0 | s07 |
| uuuuguuuggaguuccagA | 5 | 1 | s07 |
| uuuuguuuggaguuccagugC | 1 | 1 | s07 |
| uuuuguuuggaguuccagugu | 1 | 0 | s07 |
| uuuuguuuggaguuccaguguuuua | 1 | 0 | s07 |
| .uuauUcacugaacuccaaaca | 3 | 1 | s07 |
| uauUcacugaacuccaaaca | 1 | 1 | s07 |
| uaugcacugaacuccaaacaugau | 1 | 0 | s07 |
| auUcacugaacuccaaaca | 14 | 1 | s07 |
| auCcacugaacuccaaaca | 2 | 1 | s07 |
| .uUcacugaacuccaaaca | 9 | 1 | s07 |
| .uUcacugaacuccaaacau | 4 | 1 | s07 |
| cacugaacuccaaacUug | 1 | 1 | s07 |
| | 2 | 1 | s07 |
| cacugaacuccaaacaugauu | 1 | 0 | s07 |
| | 2 | 1 | s07 |
| cacugaacuccaaacaugauuA | 1 | 1 | s07 |
| acugaacuccaaacauga | 36 | 0 | s07 |
| acugaacuccaaacaugG | 1 | 1 | s07 |
| acugaacuccaaacaugU | 2 | 1 | s07 |
| acugaacuccaaacaugaG | 2 | 1 | s07 |
| acugaUcuccaaacaugau | 1 | 1 | s07 |
| acCgaacuccaaacaugau | 1 | 1 | s07 |
| acugaacuccaaacaugaC | 19 | 1 | s07 |
| acugaacuccGaacaugau | 1 | 1 | s07 |
| acugaacuccaaacaugau | 172 | 0 | s07 |
| | | | |

| Star Mature | | | | |
|---|---------------|-----|---|-------------|
| agguucaaccggauuuuucggaccacagccuacggcagggaauuuuguuug | gagagac | | | |
| acugaacuccaaUcaugau | | 1 | 1 | s07 |
| acugaacucGaaacaugau | | 1 | 1 | s07 |
| .acugaacuccaaacauAau | | 1 | 1 | s07 |
| | | | | |
| acugaacuccaGacaugau. | | 1 | 1 | s 07 |
| acAgaacuccaaacaugau | • • • • • • | 1 | 1 | s07 |
| acugaacuccaaacaugGu | | 9 | 1 | s07 |
| acugaacuccaaacaGgau. | | 1 | 1 | s07 |
| acugaacuccaaacaugaA. | | 2 | 1 | s07 |
| | | 1 | 1 | s07 |
| .acugaacuccaaacaugUu | | | | |
| | • • • • • • • | 1 | 1 | s 07 |
| acugaGcuccaaacaugauu | • • • • • • | 4 | 1 | ສ07 |
| acugaacuccaaaAaugauu | | 2 | 1 | s07 |
| acugaacucGaaacaugauu | | 1 | 1 | s07 |
| .acugaacuccaaacGugauu. | | 5 | 1 | s07 |
| | | | | |
| acugaacCccaaacaugauu. | • • • • • • • | 1 | 1 | s 07 |
| acugaacuccaaacaugaCu | • • • • • • • | 2 | 1 | s07 |
| acugaacuccaaacaugGuu | | 3 | 1 | s07 |
| acugGacuccaaacaugauu | | 2 | 1 | s07 |
| .acCgaacuccaaacaugauu. | | 1 | 1 | s07 |
| | | | | |
| .acugaacuccaaacaugauC. | | 74 | 1 | s07 |
| acugaacuccaaacaugauu | • • • • • • | 751 | 0 | s07 |
| .acugaaAuccaaacaugauu | • • • • • • | 1 | 1 | s 07 |
| acugaacuccaaCcaugauu | | 1 | 1 | s07 |
| acugaacuccaaGcaugauu | | 3 | 1 | s07 |
| acugaacuccaaacaCgauu | | 5 | 1 | s07 |
| | | | | |
| | • • • • • • | 2 | 1 | s 07 |
| acugaacuccaaacauCauu | • • • • • • • | 1 | 1 | s07 |
| acugaUcuccaaacaugauu | | 1 | 1 | s07 |
| acugaacuccaaacaugaGu | | 10 | 1 | s07 |
| .acugaacuccGaacaugauu. | | 4 | 1 | s07 |
| | | | | |
| .acugaacuccaaacaugauA. | | 22 | 1 | s07 |
| acugaacuccaaacaugauG | • • • • • • | 11 | 1 | s 07 |
| .Ucugaacuccaaacaugauu | • • • • • • | 1 | 1 | s07 |
| acGgaacuccaaacaugauu | | 1 | 1 | s07 |
| acugaacuccaaacaugauAu | | 2 | 1 | s07 |
| acugaacuccaaacauUauuu | | 1 | 1 | s07 |
| | | | | |
| .acugaacuccaaacaugauuu. | | 440 | 0 | s07 |
| acugaacuccaaaGaugauuu | • • • • • • | 1 | 1 | s07 |
| .acugaacuccaaacaugaGuu | • • • • • • | 1 | 1 | s07 |
| acugaGcuccaaacaugauuu | | 4 | 1 | s07 |
| acugaacuccaaacaugauuA. | | 41 | 1 | s07 |
| acugaacuccaaGcaugauuu | | 1 | 1 | s07 |
| | | | | |
| aUugaacuccaaacaugauuu | • • • • • • • | 2 | 1 | s 07 |
| acugaacuccaGacaugauuu | • • • • • • | 1 | 1 | s07 |
| acugaacuccaaacaugauuC | | 38 | 1 | s07 |
| acugaacucAaaacaugauuu | | 1 | 1 | s07 |
| .acugaacAccaaacaugauuu | | 1 | 1 | s07 |
| | | | | |
| | | 1 | 1 | s07 |
| acugaacuccGaacaugauuu | | 2 | 1 | s07 |
| acugaacuceCaacaugauuu | | 1 | 1 | s07 |
| .acugaacuccaaacUugauuu | | 1 | 1 | s07 |
| .acugCacuccaaacaugauuu. | | 1 | 1 | s07 |
| acugaacuccaaacaugauCu | | 1 | 1 | s07 |
| | | | | |
| Gcugaacuccaaacaugauuu. | | 1 | 1 | s07 |
| acugGacuccaaacaugauuuacugGacuccaaacaugauuu | • • • • • • | 3 | 1 | s07 |
| acugaacuccaaacaugauuG | | 5 | 1 | s07 |
| acuAaacuccaaacaugauuu | | 2 | 1 | s07 |
| .acugaacuccaaacaugauGu | | 5 | 1 | s07 |
| | | | | |
| acugaaGuccaaacaugauuu | | 1 | 1 | s07 |
| acugaacuccaaacaugGuuu | | 3 | 1 | s07 |
| .acugaaUuccaaacaugauuu | | 1 | 1 | s07 |
| .acugaacuccaaaAaugauuu | | 1 | 1 | s07 |
| .acugaacuccaaacaugauuuA. | | 95 | 1 | s07 |
| acugaacuccaaacaugauuuU | | 33 | 1 | s07 |
| | | | | |
| .acugaacuccaaacaugauuuc | | 9 | 0 | s07 |
| acugaacuccaaacaugauuAc | | 2 | 1 | s07 |
| acugGacuccaaacaugauuuc | • • • • • • | 1 | 1 | s07 |
| .acugaacuccaaacaugauuuAc | | 1 | 1 | s07 |
| cugaacuccaaacaugauuu | | 4 | 0 | s07 |
| cugaacuccaaacaugauuC | | 3 | 1 | s07 |
| - Cuyaacuvcaaavauyauuc | | 3 | - | 507 |

| star Mature | | | |
|--|----|---|-------------|
| agguucaaceggauuuuuucggaccacagecuacggcagggaauuuuguuuggaguuecaguguuuuaugcacugaacuccaaacaugauuuccuguucgguaggagaga | | | |
| cugaacuccaaacaugauuA | 1 | 1 | s07 |
| .cugaacuccaaacaugauuuA | 4 | 1 | s07 |
| ugaacuccaaacaugauu. | 1 | 0 | s07 |
| ugaacuccaaacaugauuu | 1 | 0 | s07 |
| ugacuccaacaugauuu | - | Ü | 507 |
| | • | • | 00 |
| auuuuguuuggaguuccag | 2 | 0 | s 09 |
| auuuuguuuggaguuccagA | 2 | 1 | s 09 |
| auuuuguuuggaguuccagu | 2 | 0 | s09 |
| auuuuguuuggaguuccagugu | 1 | 0 | s09 |
| auuuCguuuggaguuccagugu. | 1 | 1 | s09 |
| .auuuuguuuggaguuccagugA. | 1 | 1 | s09 |
| uuuguuuggaguuccag | 2 | 0 | s09 |
| | | | |
| .иииидиииддадииссадА. | 2 | 1 | s 09 |
| uuuguuuggaguuccaguguuuuaugUacu | 1 | 1 | s 09 |
| guuuuaugcacugaacuccaaacaugauuu | 1 | 0 | s 09 |
| uuuaugUacugaacuccaaacaugauu | 3 | 1 | s 09 |
| Uacugaacuccaaacaugauu | 2 | 1 | s09 |
| acugaacuccaaacauga | 1 | 0 | s 09 |
| .acugaacuccaGacauga | 1 | 1 | s09 |
| acugaacuccaaCcaugau | 2 | 1 | s09 |
| | 1 | | |
| acugaacuccaaacaugaG | | 1 | s 09 |
| acugaacuccaaacaugau | 26 | 0 | s 09 |
| acugCacuccaaacaugau | 1 | 1 | s09 |
| acugaacuccaaacaugGu | 1 | 1 | s 09 |
| acugaacuccaaacaugauA | 2 | 1 | s09 |
| acugaacuccaaacaugauu. | 66 | 0 | s09 |
| aUugaacuccaaacaugauu | 1 | 1 | s09 |
| acugaacuccaaacaugauC | 12 | 1 | s09 |
| | | | |
| .acugaacuccaaacGugauu. | 2 | 1 | s 09 |
| acugaacuccaaacaugauuA | 1 | 1 | s 09 |
| acugaacuccaaacaugauuC | 3 | 1 | s 09 |
| acugaacuccaaacaugGuuu | 1 | 1 | s09 |
| acugaacuccaaacaugauuu | 38 | 0 | s 09 |
| .acugaacuccaaacaugCuuu. | 1 | 1 | s09 |
| Ccugaacuccaaacaugauuu | 1 | 1 | s09 |
| | | | |
| .acugaacuccaaacaugauuuA | 1 | 1 | s09 |
| .acugaacuccaaacaugauuuU | 2 | 1 | s 09 |
| acugaacuccaaacaugauuuG | 1 | 1 | s 09 |
| acugGacuccaaacaugauuuc | 3 | 1 | s 09 |
| acugGacuccaaacaugauuuccacugGacuccaaacaugauuucc | 1 | 1 | s09 |
| | 1 | 0 | s09 |
| | | | |
| auuuuguuuggaguuccagug. | 1 | 0 | s04 |
| auuuguuuggaguuccagugu | 1 | 0 | s04 |
| | | | |
| acugaacuccaaacaugauuu. | 1 | 0 | s04 |
| | | | |
| auuuuguuuggagCucca | 1 | 1 | s 08 |
| .auuuguuuggaguuccag | 1 | 0 | s08 |
| .auuuguuuggagCuccagu | 2 | 1 | s 08 |
| auuuguuuggaguuccagug | 1 | 0 | s08 |
| .auuuguuuggagCuccagug. | 1 | 1 | s08 |
| auuuuguuuggaguuccagugu | 11 | 0 | s08 |
| auuuguuuggagCuccagugu | 28 | 1 | s08 |
| | | 1 | s08 |
| auuuuguCuggaguuccagugu | 1 | | |
| auuuuguuuggaguuccagugC | 2 | 1 | s 08 |
| .auuuuguuuggaguuccaguguuu. | 1 | 0 | s 08 |
| .auuuguuuggaguuccaguguuuuaugca | 1 | 0 | s08 |
| uuuguuuggagCuccag | 1 | 1 | s08 |
| uuuguuuggaguuccagugu | 1 | 0 | s08 |
| uuuuguuuggagCuccagugu | 3 | 1 | s08 |
| uuguuuggaguuccaguguuu | 1 | 0 | s08 |
| uuguuuggaguuccaguguu | 1 | 0 | s08 |
| | | | |
| guuuuaugcacugaacuccaaacCugauu | 1 | 1 | s08 |
| uaugcacugaacuccaaacaugauu | 1 | 0 | s08 |
| .uUcacugaacuccaaaca | 1 | 1 | s08 |
| | 1 | 1 | s 08 |
| .acugaacuccaaacauga | 2 | 0 | s08 |
| .acugaacuccaaacaugU | 2 | 1 | s08 |
| .acugaacuccaaacaugau | 15 | 0 | s08 |
| .acugaacuccaaacaugGu | 1 | 1 | s08 |
| | | | |

| agguucaaccggauuuuucggaccacagccuacggcagggaauuuuggaguuccaguguuuuaugcacugaacuccaaacaugauuuccuguucgguaggagagac | | | |
|--|----|---|-------------|
| | 1 | 1 | -00 |
| acugaacuccaaacaugaC | 1 | 1 | 808 |
| acugaacuccaaacaugauA | 6 | 1 | s 08 |
| .acugaacuccaaacaugauC. | 3 | 1 | s 08 |
| acugaacuccaaacaugauG | 1 | 1 | s08 |
| acugaacuccaaacaugauu | 36 | 0 | s 08 |
| acugaacuccGaacaugauu | 1 | 1 | s08 |
| acugaacuccaaacaugaAu | 1 | 1 | s08 |
| acugaacuccaaacaugauuA. | 1 | 1 | s08 |
| .acugaacuccaaacaugauuC. | 1 | 1 | s08 |
| acugaacuccaaacauCauuu | 1 | 1 | s08 |
| | 19 | 0 | s08 |
| acugaacuccaaacaugauuu | | | |
| .acugaacuccaaacaugauuuc | 1 | 0 | s 08 |
| cugaacuccaaacaugauuC | 2 | 1 | s 08 |
| .Cugaacuccaaacaugauuu | 4 | 0 | s08 |
| .cugaacuccaaacaugauuuc | 2 | 0 | s 08 |
| | | | |
| .auuuuguuuggaguCccagugu | 1 | 1 | s15 |
| .auuuuguuuggaguuccagugC | 3 | 1 | s15 |
| uuuuguuuggaguuccagugu | 1 | 0 | s15 |
| acugaacuccaaacaugauuuU | 1 | 1 | s15 |
| асиуаасиссааасацуашиш | 1 | _ | 813 |
| | | _ | |
| .auuuuguuuggaguuccagA. | 1 | 1 | s 06 |
| auuuuguuuggaguuccagu | 1 | 0 | s 06 |
| auuuuguuuggaguuccagug | 3 | 0 | s 06 |
| auuuuguuuggaguuccagugG | 2 | 1 | s 06 |
| auuuuguuuggaguuccagugA | 3 | 1 | s 06 |
| .auuuuguuuggaguuccagugC | 1 | 1 | s06 |
| .auuuuguuuggaguuccagugu | 6 | 0 | s 06 |
| auuuuguuuggaguuccaguguAu | 1 | 1 | s 06 |
| uuuuguuuggaguuccag | 1 | 0 | s06 |
| | | | |
| uuuuguuuggaguuccagu. | 1 | 0 | s 06 |
| uuuuguuuggaguuccagA. | 3 | 1 | s 06 |
| uuuuguuuggaguuccagug. | 1 | 0 | s 06 |
| uCuuguuuggaguuccagugu | 1 | 1 | s 06 |
| uuuuguuuggaguuccagugA | 1 | 1 | s 06 |
| uuguuuggaguuccaguU | 1 | 1 | s 06 |
| .guuuuaugcacugaacuccaaacU | 2 | 1 | s06 |
| uuuaugcacugaacuccaaacaugau | 1 | 0 | s06 |
| auUcacugaacuccaaaca | 1 | 1 | s 06 |
| uUcacugaacuccaaaca | 2 | 1 | s06 |
| | 1 | | |
| ugcacugaacuccaaacCugauu | | 1 | s06 |
| cacugaacuccaaacaugauu | 1 | 0 | s 06 |
| acugaacuccaaacaugau | 8 | 0 | s 06 |
| acugaacuccaaacaugGu | 2 | 1 | s 06 |
| acugaacuccGaacaugauu | 1 | 1 | s 06 |
| acugaacCccaaacaugauu | 1 | 1 | s 06 |
| acugaacuccaaacaugauC | 13 | 1 | s 06 |
| .acugaacuccaaacaugauA | 8 | 1 | s06 |
| .acugaacuccaaacaugauu. | 66 | 0 | s 06 |
| .acugGacuccaaacaugauu. | 1 | 1 | s 06 |
| acuggacuccaaacaugauuacuggacuccaaacaugauuu | 47 | 0 | s06 |
| | | | |
| acugaacuccaaacaugauuC | 5 | 1 | s 06 |
| .acugaacuccaaacaugauAu. | 2 | 1 | s 06 |
| acugaacuccaaacaugauuuc | 5 | 0 | s 06 |
| acugaacuccaaacaugauuuA | 1 | 1 | s 06 |
| acugaacuccaaacaugauuuU | 5 | 1 | s 06 |
| .cugaacuccaaacaugauuu | 1 | 0 | s06 |
| .cugaacuccaaacaugauuC | 1 | 1 | s06 |
| cugaacuccaaacaugauuuc | 2 | 0 | s 06 |
| | | | |
| auuuuguuuggagCuccagu | 3 | 1 | s 03 |
| | | | |
| auuuuguuuggaguuccagu | 1 | 0 | s03 |
| .auuuuguuuggaguuccagugu | 6 | 0 | s 03 |
| auuuuguuuggagCuccagugu. | 8 | 1 | s 03 |
| uuuuguuuggagCuccagug. | 2 | 1 | s 03 |
| uuuguuuggagCuccagugu | 2 | 1 | s 03 |
| uuuuguuuggagCuccaguguuuuau | 1 | 1 | s03 |
| uuauUcacugaacuccaaaca | 1 | 1 | s 03 |
| uUcacugaacuccaaaca | 2 | 1 | s03 |
| cacugaacuccaaacaugauu | 2 | 0 | s 03 |

| Star Mature | | | |
|---|----|---|-------------|
| agguucaaccggauuuuucggaccacagccuacggcagggaauuuuguuug | | | |
| .acugaacuccaaacaugaC | 1 | 1 | ສ03 |
| acugaacuccaaacaugau | 3 | 0 | s 03 |
| acugaacuccaaacaugauG | 1 | 1 | ສ03 |
| acugaacuccaaacaugauC | 1 | 1 | s 03 |
| acugaacuccaaacaugauu | 13 | 0 | s 03 |
| acugaacuccaaacaugauuC | 1 | 1 | s 03 |
| acugaacuccaaacaugauuu | 12 | 0 | s 03 |
| .acugaacuccaaacaugauuuU | 2 | 1 | s 03 |
| .acugaacuccaaacaugauuuA | 1 | 1 | s 03 |
| .acugaacuccaaacaugauuuG | 1 | 1 | s 03 |
| cugaacuccaaacaugauuu | 2 | 0 | s 03 |
| cugaacuccaaacaugauuA | 2 | 1 | s 03 |
| | | | |
| aauuuguuuggaguuccagugu | 1 | 0 | s 16 |
| .auuuguuuggaguuccag | 1 | 0 | s 16 |
| auuuguuuggaguuccagu | 3 | 0 | s 16 |
| .auuuguuuggaguuccagA | 2 | 1 | s16 |
| .auuuguuuggaguucUagu | 1 | 1 | s16 |
| .auuuguuuggaguuccagC | 2 | 1 | s16 |
| .auuuguuuggaguuccaguAu | 2 | 1 | s16 |
| .auuuguuuggaguuccagugu | 7 | 0 | s16 |
| .auuuguuuggaCuuccagugu | 1 | 1 | s16 |
| аишидишиддаАииссадиди. | 2 | 1 | s 16 |
| ашиндиниддадинссадидА | 1 | 1 | s 16 |
| .auuuuguuuggaguuccagugC | 2 | 1 | s16 |
| . Uuuuuguuuggaguuccagugu | 1 | 1 | s16 |
| .auuuuguuuggaguuccaguguu | 1 | 0 | s16 |
| auuuuguuuggaguuccaguguuu | 1 | 0 | s16 |
| uuuguuuggaguuccagA | 1 | 1 | s16 |
| | 1 | 1 | s16 |
| uuuuguuuggaguuccagugu | 2 | 0 | s16 |
| | 1 | 0 | s16 |
| uuuaugcacugaacuccaaacCugauu | 1 | 1 | s16 |
| auUcacugaacuccaaaca | 1 | 1 | s16 |
| ugcacugaacuccaaacaug | 1 | 0 | s16 |
| cacugaacuccaaacaugauu | 2 | 0 | s16 |
| acugaacuccaaacaugau | 25 | 0 | s16 |
| acugaacCccaaacaugauacugaacCccaaacaugau | 1 | 1 | s16 |
| acugaacuccaaacaugauacugaacuccaaacaugaC | 2 | 1 | s16 |
| .acugaacuccaaacGugauu. | 1 | 1 | s16 |
| .acugaacuccaaacugauu. | 3 | 1 | s16 |
| | 52 | 0 | s16 s16 |
| acugaacuccaaacaugauu | 2 | 1 | |
| acugaacuccaaacaugaGu | | | s16 |
| acugaacuccaaGcaugauu | 1 | 1 | s16 |
| acugaacuccaaacaugauC | 7 | 1 | s16 |
| acugaacuccaaaAaugauu | 1 | 1 | s16 |
| acugaacuccaaacaugaCu | 1 | 1 | s16 |
| acugaacuccaaacaugauAu | 1 | 1 | s16 |
| acugaacuccaaacaugauuu | 20 | 0 | s16 |
| acugGacuccaaacaugauuu | 1 | 1 | s16 |
| acugaacuccaaacGugauuu | 1 | 1 | s16 |
| acugaacuccaaacaugauuuU | 1 | 1 | s16 |
| acugaacuccaaacaugauuuc | 1 | 0 | s16 |
| cugaacuccaaacaugauuu | 1 | 0 | s16 |
| cugaacuccaaacaugauuC | 1 | 1 | s16 |
| cugaacuccaaacaugauuuA | 2 | 1 | s16 |
| | | | |
| .auuuuguuuggaguuccagu. | 1 | 0 | s13 |
| .auuuuguuuggaguuccaUu. | 1 | 1 | s13 |
| auuuuguuuggaguuccagA | 6 | 1 | s13 |
| auuuuguuuggaguuccagug | 5 | 0 | s13 |
| auuuuguuuggaguuccagugu | 4 | 0 | s13 |
| uuuuguuuggaguuccag | 1 | 0 | s13 |
| uuuuguuuggaguuccagA | 3 | 1 | s13 |
| gCuuggaguuccaguguuuuaugcacu | 2 | 1 | s13 |
| uuuaugcacugaacuccaaacCugauuu | 3 | 1 | s13 |
| uuauUcacugaacuccaaaca | 1 | 1 | s13 |
| uuaugcacugaacuccaaacaug | 1 | 0 | s13 |
| uaugcacugaacuccaaacCugauu | 1 | 1 | s13 |
| auUcacugaacuccaaaca | 1 | 1 | s13 |

| Star Mattre | | | |
|--|--|--|--|
| agguucaacoggauuuuucggaccacagccuacggcagggaauuuuguuug | | | |
| augcacugaacuccaaacCugauuu. | 1 | 1 | s13 |
| .uUcacugaacuccaaaca | 2 | 1 | s13 |
| uUcacugaacuccaaacau | 1 | 1 | s13 |
| .ugcacugaacuccaaacaug | 2 | 0 | s13 |
| cacugaacuccaaacaugauu | 2 | 0 | s13 |
| acugaacuccaaacauga | 3 | 0 | s13 |
| .acugaacuccaaacaugau. | 29 | 0 | s13 |
| .acugaacuccaaacaugaG | 1 | 1 | s13 |
| acugaacuccaaacaugaC | 3 | 1 | s13 |
| | 1 | 1 | s13 |
| acugaacuccaaaUaugau | | | |
| .acugaacuccaaacaugauC. | 6 | 1 | s13 |
| acugaacuccaaacaCgauu | 1 | 1 | s13 |
| acugaacuccaaacGugauu | 1 | 1 | s13 |
| acuAaacuccaaacaugauu | 1 | 1 | s13 |
| acugaacuccaaacaugaGu | 1 | 1 | s13 |
| acugaacuccaaacaugauu | 97 | 0 | s13 |
| acCgaacuccaaacaugauu. | 1 | 1 | s13 |
| .acugaacCccaaacaugauu | 1 | 1 | s13 |
| acugaacuccaaacaugauA | 2 | 1 | s13 |
| | 1 | 1 | s13 |
| | | | |
| .acugaacuccaaacaugGuu. | 1 | 1 | s13 |
| acugaacuccaaacaugaCu | 1 | 1 | s13 |
| acugGacuccaaacaugauu | 1 | 1 | s13 |
| acugaacuccGaacaugauu | 1 | 1 | s13 |
| acugaacuccaaacaugauuA | 2 | 1 | s13 |
| acugaacuccaaacaugauuu | 13 | 0 | s13 |
| acugaacuccaaacaugauuC | 2 | 1 | s13 |
| .acugaacuccaaacaugauAu. | 2 | 1 | s13 |
| acugaacuccaaacaugGuuu | 1 | 1 | s13 |
| acugGacuccaaacaugauuu | 1 | 1 | s13 |
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| | | acugaacuccaaacaugauuuA | 2 | 1 | s12 |
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| acugaacuccaaacaugaA | 1 | 1 | s19 |
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| acugaacuccaaacUugau | 1 | 1 | s19 |
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| Ccugaacuccaaacaugauu | 1 | 1 | s10 |
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| cugaacuccaaacaugauu | 1 | 0 | s10 |
| cugaacuccaaacaugauuu | 6 | 0 | s10 |
| .cugaacuccaaacaugauuA | 4 | 1 | s10 |
| cugaacuccaaacaugauuuA | 2 | 1 | s10 |
| | | | |
| auuCuguuuggaguuccagugu | 1 | 1 | s17 |
| auuuuguuuggaguuccagugC | 1 | 1 | s17 |
| auuuuguuuggaguuccagugu | 9 | 0 | s17 |
| auuuuguuuggaguuccagugAu | 1 | 1 | s17 |
| | 3 | 0 | s17 |
| auuuuguuuggaguuccaguguu | | | |
| auuuuguuuggaguuccagugAuu | 1 | 1 | s17 |
| uuuuguuuggaguuccagA | 3 | 1 | s17 |
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| acugaacuccaaacaugau | 2 | 0 | s17 |
| acugaacuccaaacaugauu | 16 | 0 | s17 |
| acugaacuccaaacGugauu | 1 | 1 | s17 |
| acugaacuccaaacaugauC | 1 | 1 | s17 |
| acugaacuccaaacaugauuA | 1 | 1 | s17 |
| acugaacuccaaacaugauuu. | 13 | 0 | s17 |
| acugaacuccaaacaugauuC | 2 | 1 | s17 |
| | 2 | 1 | s17 |
| acugaacuccaaacaugauuuU | | | |
| асидаасиссааасаидаииий. | 1 | 1 | s17 |
| acugaacuccaaacaugauuuc | 4 | 0 | s17 |
| cugaacuccaaacaugauuuc | 1 | 0 | s17 |
| | | | |
| auuuguuuggagCuccag | 10 | 1 | s01 |
| auuuguuuggaguuccag | 1 | 0 | s01 |
| auuuguuuggagCuccagu | 1 | 1 | s01 |
| auuuguuuggaguuccagC | 2 | 1 | s01 |
| auuuuguuuggaguuccagu | 1 | 0 | s01 |
| auuuuguuuggagCuccagug | 3 | 1 | s01 |
| | 1 | 0 | s01 |
| auuuuguuuggaguuccagugu | | | |
| auuuuguuuggagCuccagugu | 5 | 1 | s01 |
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| uuuuguuuggagCuccag. | 11 | 1 | s01 |
| .uuuguuuggaguuccagA | 2 | 1 | s01 |
| .uuuguuuggaguuccagu | 1 | 0 | s01 |
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| uuuuguuuggagCuccaguguuuuaugcac | 21 | 1 | s01 |
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| | | | |
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| acugaacuccaaacaugau | 5 | 0 | s01 |
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| acugaacuccaaaGaugauu | 1 | 1 | s01 |
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| .acugaacuccaaacaugauuu | 3 | 0 | s01 |
| cugaacuccaaacaugauu | 3 | 0 | s01 |
| cugaacuccaaacaugauuu | 1 | 0 | s01 |
| | 1 | 0 | s01 |
| uyaacuccaaacauyauuu | - | · | 201 |
| | 1 | ^ | |
| auuuuguuuggaguuccagug | 1 | 0 | s02 |
| auuuuguuuggagCuccagug | 1 | 1 | s02 |
| auuuuguuuggaguuccaguA | 2 | 1 | s02 |
| auuuuguuuggaguGccagug | 1 | 1 | s02 |
| auuuguuuggaguuccGgugu | 1 | 1 | s02 |
| auuuuguuuggaguuccagugC | 13 | 1 | s02 |
| auuuuguuuggaguuccagugu | 68 | 0 | s02 |

| Star Mature | | | |
|---|-----|---|------------|
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| auuuuguuugAaguuccagugu | 2 | 1 | s02 |
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| .Guuugguuuggaguuccagugu. | 1 | 1 | s02 |
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| uuuuguuuggagCuccagug | 2 | 1 | s02 |
| uuuuguuuggaguuccagugA | 1 | 1 | s02 |
| | 4 | 0 | s02 |
| | | | s02 |
| uuuuguuuggaguucAagugu | 1 | 1 | |
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| uuuuguuuggaguuccagugC | 1 | 1 | s02 |
| uuuuguuuggaguuccaguguuu | 1 | 0 | s02 |
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| uuuuguuuggagCuccaguguuuuaugcac | 6 | 1 | s02 |
| .uuuguuuggaguuccagugu | 2 | 0 | s02 |
| uuuguuuggagCuccagugu | 3 | 1 | s02 |
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| | 3 | 0 | s02 |
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| Cuguuuggaguuccagugu | 1 | 1 | s02 |
| .uuguuuggaguuUcagugu | 1 | 1 | s02 |
| uuguuuggagCuccaguguu | 2 | 1 | s02 |
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| uguuuuaugcacugaacuA | 1 | 1 | s02 |
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| auUcacugaacuccaaaca | 98 | 1 | s02 |
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| | 3 | 1 | s02 |
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| | 3 | 0 | s02 |
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| acugaacuccaaacaugauC | 18 | 1 | s02 |
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| acugaacuAcaaacaugauu | 1 | 1 | s02 |
| acugGacuccaaacaugauu | 3 | 1 | s02 |
| | 101 | 0 | s02 s02 |
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| .acugaacuccaaacaugaCuu | 1 | 1 | s02 |
| acugaacuccaaacaugauuu | 52 | 0 | s02 |
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| acugaacuccaaacaugaGuu | 1 | 1 | s02 |
| acugaacuccaaacaugauuuU | 4 | 1 | s02 |
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| Star Mature | | | |
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| acugaacuccaaacaugauCucacugaacuccaaacaugauCuc | 1 | 1 | s02 |
| acugaacuccaaacaugauuuc | 1 | 0 | s02 |
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| .CugaacuccaaacaugauucA | 2 | 1 | s02 |
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| auuuuguuuggaguuccagugu | | | s18 |
| uuuuguuuggaguuccagugC | 2 | 1 | s18 |
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| acugaacuccaaacaugau | 9 | 0 | s18 |
| .acugaacuccaaacaugaC | 1 | 1 | s18 |
| acugaacuccaGacaugauu | 2 | 1 | s18 |
| | 1 | 1 | |
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| acugaacuccaaacaugauu | 19 | 0 | s18 |
| acugaacuccaaacaugauuu | 14 | 0 | s18 |
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| acugaacuccaaacaugauuuA | 1 | 1 | s18 |
| .acugaacuccaaacaugauuuc | 1 | 0 | s18 |
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| nuasancasasananna | 1 | 1 | e18 |
| ugaacuccaaacaugauuA | 1 | 1 | s18 |
| | | | |
| auuuuguuuggaguuccagGg | 1 | 1 | s05 |
| | | | |
| auuuuguuuggaguuccagGg | 1 | 1 | s05 |
| .auuuuguuuggaguuccagGgauuuuguuuggaguuccagugu. | 1 | 1 0 | ສ05 ສ05 |
| .auuuuguuuggaguuccagGg. .auuuuguuuggaguuccagugu. .auuuuguuuggagCuccagugu. | 1 1 7 | 1 0 1 | s05 s05 s05 |
| .auuuuguuuggaguuccagGgauuuuguuuggaguuccaguguauuuuguuuggagCuccaguguauuuuguuuggaguuccaguguuauuuuguuuggagGuccaguguu. | 1 1 7 1 | 1 0 1 0 | s05 s05 s05 s05 |
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| .auuuuguuuggaguuccagGgauuuuguuuggaguuccaguguauuuuguuuggagCuccaguguauuuguuuggagCuccaguguuauuuguuuggagCuccaguguuuuuuguuuggagCuccaguguuuuuguuuggagCuccaguauUcacugaacuccaaacCugauu. | 1 1 7 1 1 1 3 5 | 1 0 1 0 1 1 | s05 s05 s05 s05 s05 s05 |
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| .auuuuguuuggaguuccagGgauuuuguuuggaguuccaguguauuuuguuuggagCuccaguguauuuuguuuggagCuccaguguuauuuguuuggagCuccaguguuuuuuguuuggagCuccaguguuuuuguuuggagCuccaguauUcacugaacuccaaacCugauuauUcacugaacuccaaacaUacugaacuccaaaca | 1 7 1 1 1 3 5 | 1 0 1 0 1 1 1 | s05 s05 s05 s05 s05 s05 s05 |
| .auuuuguuuggaguuccagGgauuuuguuuggaguuccaguguauuuuguuuggagCuccaguguauuuuguuuggagCuccaguguuauuuuguuuggagCuccaguguuuuuuguuuggagCuccaguguuuuuguuuggagCuccaguauUcacugaacuccaaacCugauuauUcacugaacuccaaacaUacugaacuccaaacaugauu. | 1 7 1 1 1 3 5 1 | 1 0 1 0 1 1 1 1 1 | s05 s05 s05 s05 s05 s05 s05 s05 s05 |
| .auuuuguuuggaguuccagGgauuuuguuuggaguuccagugu .auuuuguuuggagCuccagugu .auuuuguuuggagCuccaguguu .auuuuguuuggagCuccaguguu .uuuguuuggagCuccaguguu .uuuuguuuggagCuccaguuaugcacugaacuccaaacCugauu .auUcacugaacuccaaaca .Uacugaacuccaaacaugauu .acugaacuccaaacauga | 1 7 1 1 1 3 5 1 3 | 1 0 1 0 1 1 1 1 1 0 | s05 s05 s05 s05 s05 s05 s05 s05 s05 s05 |
| | 1 1 7 1 1 1 3 5 1 3 2 | 1 0 1 0 1 1 1 1 0 1 | s05 s05 s05 s05 s05 s05 s05 s05 s05 s05 |
| | 1 1 7 1 1 3 5 1 3 2 1 19 | 1 0 1 0 1 1 1 1 0 1 | s05 s05 s05 s05 s05 s05 s05 s05 s05 s05 |
| | 1 1 7 1 1 3 5 1 3 2 1 19 1 | 1 0 1 0 1 1 1 1 0 1 0 1 | 805 805 805 805 805 805 805 805 805 805 |
| | 1 1 7 1 1 3 5 1 3 2 1 19 1 2 38 | 1 0 1 0 1 1 1 1 0 1 1 0 1 | 805 805 805 805 805 805 805 805 805 805 |
| | 1 1 7 1 1 3 5 1 3 2 1 19 1 2 38 1 | 1 0 1 0 1 1 1 1 0 1 1 0 1 | 805 805 805 805 805 805 805 805 805 805 |
| | 1 1 7 1 1 3 5 1 3 2 1 19 1 2 38 | 1 0 1 0 1 1 1 1 0 1 1 0 1 | 805 805 805 805 805 805 805 805 805 805 |
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| auuuuguuuggaguuccagugu auuuuguuuggaguuccaguguu auuuguuuggaguuccaguguu auuuguuuggagCuccaguguu uuuguuuggagCuccaguguu uuuguuuggagCuccaguguu auuGaacugaacuccaaacCugauu auugaacuccaaacaugauu acugaacuccaaacaugauu acugaacuccaaacaugauu acugaacuccaaacaugau acugaacuccaaacaugauu | 1 1 7 1 1 3 5 1 3 2 1 19 1 2 38 1 | 1 0 1 0 1 1 1 0 1 1 0 1 1 0 1 | 805 805 805 805 805 805 805 805 805 805 |
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| | 1 1 7 1 1 1 3 5 1 3 2 1 19 1 2 38 1 1 1 2 3 15 | 1 0 1 0 1 1 1 1 0 1 1 0 1 1 1 0 1 1 1 1 | \$05 \$05 \$05 \$05 \$05 \$05 \$05 \$05 \$05 \$05 |
| auuuuguuugaguuccagugu auuuuguuugaguuccaguguu auuuuguuugaguuccaguguu auuuuguuugagCuccaguguu uuuuguuugagCuccaguguu uuuuguuuggagCuccaguguu auuGaccugaacuccaaacCugauu auuGaccugaacuccaaacaugauu acugaacuccaaacaugauu acugaacuccaaacaugauu ccugaacuccaaacaugauu acugaacuccaaacaugauu | 1 1 7 1 1 1 3 5 1 3 2 1 19 1 2 38 1 1 1 2 3 15 1 | 1 0 1 0 1 1 1 1 0 1 1 0 1 1 1 0 1 1 1 1 | 805 805 805 805 805 805 805 805 805 805 |
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| auuuuguuugaguuccagugu auuuuguuugaguuccaguguu auuuuguuugaguuccaguguu auuuuguuugagCuccaguguu uuuuguuugagCuccaguguu uuuuguuuggagCuccaguguu auuGaccugaacuccaaacCugauu auuGaccugaacuccaaacaugauu acugaacuccaaacaugauu acugaacuccaaacaugauu ccugaacuccaaacaugauu acugaacuccaaacaugauu | 1 1 7 1 1 1 3 5 1 3 2 1 19 1 2 38 1 1 1 2 3 15 1 | 1 0 1 0 1 1 1 1 0 1 1 0 1 1 1 0 1 1 1 1 | 805 805 805 805 805 805 805 805 805 805 |
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