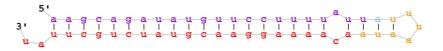
Provisional ID : chromosome_12_528408

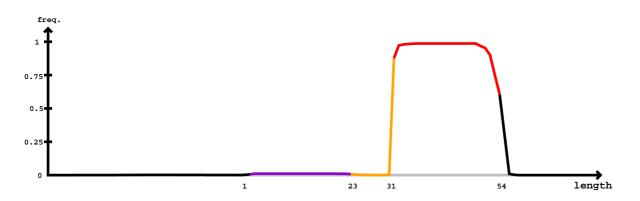
1904.7 Score total Score for star read(s) 3.9 1897.2 Score for read counts Score for mfe 2 Score for randfold 1.6

Score for cons. seed

Total read count 3733 3691 Mature read count Loop read count 0 Star read count 42



exp



ccuuugcuaacugcaacaagacuaaaaaauuuugcuuuacaagcagauauguuccuuuuauuauuu<mark>uuuaauaacaaaaggaacguaucugcuuau</mark>uaaagcaaaauuugagagcu

| Star | Mature |
|------|--------|
| DLAI | Mature |

| ccu | uugcuaacugcaacaagacuaaaaaauuuugcuuuacaagcagauauguuccuuuuauuauuuau | ex | ر | |
|-------|---|-------|----|-------------|
| | (((())))((.(((((((((((((((((((| reads | mm | sample |
| | acaaaaggaacguaucugcuuau | 2 | 0 | s04 |
| | acaaaaggaacguGucugcuuau | 1 | 1 | s04 |
| | acaaaaggaacguaucugcuuauk | 2 | 1 | s04 |
| | acaaaaggaacguaucugcuuauC | 1 | 1 | s04 |
| | acaaaaggaacguaucugcuuauu | 1 | 0 | s04 |
| | | | | |
| • • • | acaaaaggaacguCucugc | 1 | 1 | s08 |
| • • • | acaaaaggaacguaucugc | 3 | 0 | s08 |
| • • • | acaaaaggaacguaucugcA | 2 | 1 | s08 |
| • • • | acaaaaggaacgCaucugcu | 2 | 1 | s08 |
| • • • | acaaaaggaacguaucugcu | 13 | 0 | s08 |
| • • • | acaaaaggaacguaucugcG | 1 | 1 | s08 |
| | acaaaaggaacguaucugcC | 5 | 1 | s08 |
| • • • | acaaaaggaacguaucugcuu | 20 | 0 | s08 |
| | acaaaaggaacguaucuUcuu | 1 | 1 | s08 |
| | acaaaaggaacguaucugcuC | 4 | 1 | s08 |
| • • • | acaaaaggaacguaucugcuuU | 3 | 1 | s08 |
| • • • | Ucaaaaggaacguaucugcuua | 1 | 1 | s08 |
| | acaaaaggaacguaucugcuuG | 1 | 1 | s08 |
| • • • | acaaaaggaacCuaucugcuua | 1 | 1 | 808 |
| • • • | acaaGaggaacguaucugcuua | 1 | 1 | s08 |
| | acaaaaggaacguaucugcuua | 20 | 0 | s08 |
| | acaaaaggaacguaucugcuCau | 1 | 1 | s08 |
| • • • | acaaaaggaacguaucugcuuau | 22 | 0 | s08 |
| | acaaaaggaacguaucugcuuaC | 10 | 1 | s08 |
| | acaaaaggaacguaucugcuuaG | 1 | 1 | s08 |
| • • • | acaaaaggaacguauUugcuuau | 1 | 1 | s08 |
| | acaaaGggaacguaucugcuuau | 1 | 1 | s08 |
| | acaaaaggaacguaucugcuuauu | 8 | 0 | s08 |
| | acaaaaggaacguaucugcuuauC | 1 | 1 | s 08 |
| | acaaaaggaacguaucugcuuauk | 4 | 1 | s08 |
| | acGaaaggaacguaucugcuuauu | 1 | 1 | s08 |
| • • • | caaaaggaacguaucugcuua | 1 | 0 | 808 |
| | | | | |

| Star Mature | | | |
|---|----|---|-------------|
| ccuuugcuaacugcaacaagacuaaaaauuuugcuuuacaagcagauauguuccuuuuauu <mark>auuuaauaacaaaaggaacguaucugcuuau</mark> uaaagcaaaauuugagagcu | | | |
| Caaaaggaacguaucugcuuau | 1 | 0 | s 08 |
| | 3 | 0 | s 08 |
| caaaaggaacguaucugcuuauua | 1 | 0 | s 08 |
| aaaaggaacguaucugcuua | 1 | 0 | s08 |
| .aaggaacguaucugcuuGuua | 1 | 1 | s08 |
| | | | |
| caagacuaaaaaauuuugcuuuac. | 1 | 0 | s07 |
| .aagacuaaaaaauuuugcuuu. | 1 | 0 | s07 |
| caagcagaCauguuccuuuuauu. | 1 | 1 | s07 |
| aagcagauauguuccuuuuau | 2 | 0 | s07 |
| aagcagaCauguuccuuuuauu | 5 | 1 | s07 |
| | 1 | 1 | s07 |
| | | | |
| agcagauauguuccuuuuU | 1 | 1 | s07 |
| agcagauauguuccuuuuau | 1 | 0 | s07 |
| agcagauauguuccuuuuauu. | 1 | 0 | s 07 |
| agcagauauguuccuuuuauua. | 1 | 0 | s 07 |
| uaacGaaaggaacguaucug. | 1 | 1 | s 07 |
| . Cacaaaaggaacguaucugcuu. | 1 | 1 | s 07 |
| acaaaaggaCcguaucug | 1 | 1 | s07 |
| acaaaaggaacguaucug | 31 | 0 | s 07 |
| acaaaaggaacguaucuA | 6 | 1 | s 07 |
| acaaaaggaacguauUug | 3 | 1 | s07 |
| acaaaaggaacguaucugc | 10 | 0 | s07 |
| acaUaaggaacguaucugc | 1 | 1 | s07 |
| acaaaaggaacguaAcugc | 1 | 1 | s07 |
| acaaaaggaacguaucugA. | 3 | 1 | s07 |
| acaaaaggaacguaucugU | 5 | 1 | s07 |
| acaaaaggaacguaucugcu | 13 | 0 | s07 |
| acaaaaggaacguaucugcA | 2 | 1 | s07 |
| acaaaaggaacguaucugcC | 1 | 1 | s07 |
| acaaaaggaacguaucugcuu | 27 | 0 | s07 |
| | 1 | 1 | s07 |
| acaaaaggaacguaucugcAu | | | |
| acaaaaggaacguaucugAuu | 1 | 1 | s07 |
| acaaaaggaacguaucugcuC | 7 | 1 | s07 |
| acaaaaggGacguaucugcuu. | 1 | 1 | s07 |
| acaaaaggaacguaucugcuA. | 1 | 1 | s07 |
| acaaaaggaacguaucugcuua | 10 | 0 | s07 |
| acaaaaggaacguaucugcuuU | 1 | 1 | s 07 |
| acaaaaggaacguaucugcuuG | 9 | 1 | s07 |
| acaaaaggaacguaucugcAua | 3 | 1 | s07 |
| acaaaaggaacguaucugcuuau | 3 | 0 | s07 |
| acaaaaggaacguaucugcuuaC | 1 | 1 | s07 |
| acaaaaggaacguaucugcuuauu | 3 | 0 | s07 |
| caaaaggaacguaucugcu | 4 | 0 | s07 |
| caaaaggaacguaucugcuu | 1 | 0 | s07 |
| | 1 | 1 | s07 |
| caaaaggaacguaucugcuua | 2 | 0 | s07 |
| caaaaggaacguaucugcuuU | 1 | 1 | s07 |
| | 4 | 0 | s07 |
| caaaaggaacguaucugcuuGu | 2 | 1 | s07 |
| caaaaggaacguaucugcuuauA | 4 | 1 | s07 |
| caaaaggaacguaucugcuuGuu | 4 | 1 | s07 |
| caaaaggaacguaucugcuuCuu | 2 | 1 | s07 |
| aaaaggaacguaucugcuuG | 3 | 1 | s07 |
| aaaaggaacguaucugcuuGuu | 1 | 1 | s07 |
| | | | |
| aaaggaacguaucugcuua | 1 | 0 | s07 |
| aaaggaacguaucugcuuau | 1 | 0 | s07 |
| aaaggaacguaucugcuuGu. | 2 | 1 | s07 |
| aaaggaacguaucugcuuGuu | 1 | 1 | s07 |
| aaggaacguaucugcuuau | 2 | 0 | s07 |
| aggaacguaucugcuuau | 2 | 0 | s07 |
| aggaacguaucugcuuauua | 1 | 0 | s07 |
| | | | |
| ugcuaacugcaacaagacuaa | 1 | 0 | s09 |
| Cacaaaaggaacguaucugcuuauu | 3 | 1 | s09 |
| acaaaaggaacguaucug | 2 | 0 | s 09 |
| acaaaaggaacguaucugA | 1 | 1 | s09 |
| acaaaaggaacguaucugc | 2 | 0 | s09 |
| acaaaaggaacguaucugcC | 5 | 1 | s09 |
| acaaaaggaacguaucugcA | 1 | 1 | s09 |
| | | | |

| Star Mature | | | | |
|---|---|----|---|-------------|
| ccuuugcuaacugcaacaagacuaaaaauuuugcuuuacaagcagauauguuccuuuuauuauuauuaauaacaaaaggaacguauc | ugcuuauuaaagcaaaauuugagagcu | | | |
| acaaaaggaacguauc | :Ggcu | 1 | 1 | s 09 |
| acaaaaggaacguauc | ugcuu | 19 | 0 | s 09 |
| acaaaggaacguauc | ugcuuG | 1 | 1 | s 09 |
| acaaaaggaacguauc | ugcAua | 3 | 1 | s09 |
| acaaaaggaacguauc | ugcuua | 5 | 0 | s09 |
| acaaaaggaacguaucacaaaaggaacguauc | | 1 | 1 | s09 |
| | | 1 | 1 | s09 |
| acaaaaggaacguauc | | | | |
| acaaaaggaacguauc | | 2 | 1 | s09 |
| acaaaaggaacguauc | ugcuuau | 9 | 0 | s 09 |
| acaaaaggaacguauc | ugcuuauA | 1 | 1 | s 09 |
| acaaaaggaacguauc | ugcuuauG | 1 | 1 | s 09 |
| acaaaggaacguauc | ugcuuauC | 1 | 1 | s 09 |
| acaaaaggaacguauc | ugcuuauu | 15 | 0 | s09 |
| caaaaggaacguauc | | 2 | 0 | s09 |
| | ugcuuau | 1 | 0 | s09 |
| | | | | |
| caaaaggaacguauc | | 2 | 1 | s09 |
| caaaaggaacguauc | ugcuuauA | 1 | 1 | s 09 |
| caaaaggaacguauc | ugcuuauu | 1 | 0 | ສ09 |
| | | | | |
| uuuaauaacaaaaggaacguauc | ugcuuau | 2 | 0 | s 06 |
| acaaaaggaacguauc | ug | 2 | 0 | s06 |
| acaaaaggaacguauc | ugG | 1 | 1 | s06 |
| acaaaaggaacguauc | | 2 | 0 | s 06 |
| acaaaaggaacguauc | | 10 | 0 | s 06 |
| | | | | |
| acaaaaggaacguauc | | 2 | 1 | s 06 |
| acaaaaggaacguauc | ugcuua | 16 | 0 | s 06 |
| acaaaaAgaacguauc | ugcuua | 1 | 1 | ສ06 |
| acaaaaggaacguauc | ugcuuaC | 4 | 1 | s 06 |
| acaaaggaacguauc | ugcuuau | 38 | 0 | s 06 |
| acaaaaggaacguauc | ugcuuauu | 15 | 0 | s 06 |
| acaaaaggaacguauc | ugcuuauC | 3 | 1 | s 06 |
| acaaaaggaacguauc | | 3 | 1 | s 06 |
| | | 1 | 0 | s06 |
| | eugcuuauu | | | |
| caaaaggaacguauc | ugcuuaAu | 1 | 1 | ສ06 |
| | | | | |
| agcagauauguuccuuuuauua | • | 1 | 0 | s 03 |
| acaaaaggaacguauc | ugU | 1 | 1 | s 03 |
| acaaaaggaacguauc | ugcu | 1 | 0 | s03 |
| | ugcuu | 1 | 1 | s 03 |
| acaaaaggaacguauc | uqcuu | 10 | 0 | s03 |
| acaaaaggaacguauc | | 16 | 0 | s03 |
| acaaaaggaacguauc | | 1 | 1 | s03 |
| | | | | |
| acaaaaggaacguauc | | 3 | 1 | s 03 |
| acCaaaggaacguauc | | 1 | 1 | s 03 |
| acaaaaggaacguauc | ugcuuaG | 1 | 1 | s 03 |
| acaaaaggaGcguauc | ugcuuau | 1 | 1 | s 03 |
| acaaaggaacguauc | :Ggcuuau | 1 | 1 | s 03 |
| acaaaggaacgCauc | ugcuuau | 1 | 1 | s 03 |
| acaaaaggaacguaAc | ugcuuau | 1 | 1 | s 03 |
| acaaaaggaacguauc | - | 44 | 0 | s03 |
| | | 1 | 1 | s03 |
| acaaaaggaacguauc | | 3 | 1 | s03 |
| | | | | |
| acaaaaggaacguauc | - | 1 | 1 | s03 |
| acaaaaggaacguauc | ugcuuauu | 22 | 0 | s 03 |
| acaaaaggaacguauc | ugcuuauA | 12 | 1 | s 03 |
| acaaaaggaacguauc | ugcuuauC | 1 | 1 | s 03 |
| acaaaggaGcguauc | ugcuuauu | 1 | 1 | s 03 |
| acaaGaggaacguauc | ugcuuauu | 1 | 1 | s03 |
| acaaaaggaacguauc | uqcuuauuUa | 1 | 1 | s03 |
| caaaaggaacguauc | | 1 | 0 | s 03 |
| | | 3 | 1 | s03 |
| | | | | |
| caaaaggaacguauc | | 1 | 0 | s03 |
| caaaaggaacguauc | | 1 | 0 | s 03 |
| caaaaggaacguauc | ugcuuaAu | 1 | 1 | s03 |
| caaaaggaacguauc | ugcuuauua | 2 | 0 | s 03 |
| | | | | |
| acaaaaggaacguauc | ugcuu | 2 | 0 | s15 |
| acaGaaggaacguauc | ugcuu | 1 | 1 | s 15 |
| acaaaaggaacguauc | ugcuuau | 2 | 0 | s15 |
| | _ | | | |
| Ggcagauauguuccuuuuauu | | 1 | 1 | s16 |
| | | - | - | 510 |

| Star Mature | | | |
|--|----|--------|-------------|
| ccuuugcuaacugcaacaagacuaaaaaauuuugcuuuacaagcagauauguuccuuuuauuauuaauaacaaaaggaacguaucugcuuauuaaagcaaaauuugagagcu | | | |
| .acGaaaggaacguaucug | 1 | 1 | s16 |
| .acaaaaggaacguaucugc | 1 | 0 | s16 |
| .acaaaaggaacguaucugU | 1 | 1 | s16 |
| acaaaaggaacguaucugcu | 2 | 0 | s16 |
| acaaaaggaacguaucugcA | 1 | 1 | s16 |
| .acaaaaggaacguaucugcuu | 19 | 0 | s16 |
| .acaaaaggaacguaucugcuG | 2 | 1 | s16 |
| .acaaaaggaacguaucugcuC | 4 | 1 | s16 |
| .acaaaagAaacguaucugcuu | 1 | 1 | s16 |
| .acGaaaqqaacquaucuqcuua | 2 | 1 | s16 |
| acaaaaqqaacquaucuqcuua. | 6 | 0 | s16 |
| .acaaaaggaacguaucugcuuaA | 1 | 1 | s16 |
| acaaaaggaacguaucugcuuau | 32 | 0 | s16 |
| | 5 | 1 | s16 |
| acaaaaggaacguaucugcuuaC | | | |
| acaaaaggaacguaucugcuuauA | 1 | 1 | s16 |
| .acaaaaggaacguaucugcuuauG. | 1 | 1 | s 16 |
| .acaaaaggaacguaucugcuuauu. | 22 | 0 | s16 |
| .acaaaGggaacguaucugcuuauu. | 1 | 1 | s16 |
| caaaaggaacguaucugcuua | 2 | 0 | s16 |
| caaaaggaacguaucugcuuauu | 1 | 0 | s16 |
| aaaaggaacguuucugcuuauu | 1 | 0 | s16 |
| | | | |
| acaaaaggaacguaucugcuuau | 1 | 0 | s14 |
| acaaaaggaacguaucugcuuaA | 1 | 1 | s14 |
| .acaaaaggaacguaucugcuuauu | 3 | 0 | s14 |
| .acaaaaggaacguaucugcuuauA | 1 | 1 | s14 |
| caaaaggaacguaucugcuu | 1 | 0 | s14 |
| | | | |
| саадсадаиаидииссииниаии. | 1 | 0 | s19 |
| .aagcagauauguuccuuuuauua | 1 | 0 | s19 |
| acaaaaggaacguaucugcuu | 17 | 0 | s19 |
| acaaaaggaaCguaCcugcuu | 1 | 1 | s19 |
| acaaaaggaacguaucugcuua | 4 | 0 | s19 |
| | 4 | 1 | s19 |
| acaaaaggaacguaucugcuuaC | | | |
| acaaaaggaacguaucugcuuaG | 1 | 1 | s19 |
| acaaaaggaacguaucugcuuau | 17 | 0 | s19 |
| .acaGaaggaacguaucugcuuau. | 2 | 1 | s19 |
| .acaaaaggaacguaucugcuuauu. | 20 | 0 | s19 |
| .acaaaaggaacguaucugcuuauk. | 5 | 1 | s19 |
| .caaaaggaacguaucugcuua | 2 | 0 | s19 |
| caaaaggaacguaucugcuuaC | 2 | 1 | s19 |
| | 2 | 0 | s19 |
| | | | |
| acaaaaggaacguaucug | 3 | 0 | s13 |
| .acaaaaggaacguaucugcC | 2 | 1 | s13 |
| acaaaaggaacguaucugcu | 2 | 0 | s13 |
| acaaaaggaacguaucugcuu | 7 | 0 | s13 |
| acGaaaggaacguaucugcuua | 1 | 1 | s13 |
| .acaaaaggaacguaucugcuua | 8 | 0 | s13 |
| acaaaaggaacguaucugcGuau | 1 | 1 | s13 |
| acaaaaggaacguaucugcuuGu | 3 | 1 | s13 |
| .acaaaaggaacguaucugcuuau | 9 | 0 | s13 |
| .acaaaaggaacguaucugcuuaC | 5 | 1 | s13 |
| .acaaaaggaacguaGcugcuuauu | 1 | 1 | s13 |
| acaaaaggaacguaucugcuuauC | 1 | 1 | s13 |
| acaaaaggaacguaucugcuuauu | 9 | 0 | s13 |
| acaaaaggaaAguaucugcuuauu | 1 | 1 | s13 |
| acaaaaggaacguaucugcuuauA | 4 | 1 | s13 |
| acaaaaggaacguaucugcuuauu | 1 | 1 | s13 |
| | | | |
| acaaaaggaacguaucugcuuauuuU | 1 | 1 1 | s13 |
| caaaaggCacguaucugcuua | 1 | | s13 |
| caaaaggaacguaucugcuuau | 1 | 0 | s13 |
| caaaaggaacUuaucugcuuau | 1 | 1 | s13 |
| caaaaggaacguaucugcuuauA | 3 | 1 | s13 |
| caaaaggaacguaucugcuuauu | 3 | 0 | s13 |
| aaaaggaacguaucugcuuau | 1 | 0 | s13 |
| aaaggaacguaucugcuuau | 1 | 0 | s13 |
| | _ | _ | |
| aagcagaCauguuccuuuuauu | 3 | 1 | s12 |
| aagcagaCauguuccuuuuauua | 1 | 1 | s12 |

| Star Mature | | | |
|--|-----|---|------------|
| ccuuugcuaacugcaacaagacuaaaaauuuugcuuuacaagcagauauguuccuuuuauu <mark>auuuaauaacaaaaggaacguaucugcuuau</mark> uaaagcaaaauuugagago | | | |
| .agcagaCauguuccuuuuau | | 1 | s12 |
| .agcagaCauguuccuuuuauu. | 1 | 1 | s12 |
| acaaaaggaacguaucug | 2 | 0 | s12 |
| acaaaggaacguaucugc | 5 | 0 | s12 |
| acaaaaggaacguaucugU | 2 | 1 | s12 |
| acaaaaggaacguaucugcu. | 3 | 0 | s12 |
| acaaaaggaacguaucugcC. | | 1 | s12 |
| acaaaaggaacguaucugcGu | | 1 | s12 |
| acaaaaggaacguaucugcuC | | 1 | s12 |
| | | | |
| acaaaaggaacguaGcugcuu | | 1 | s12 |
| acaaaaggaacguaucugcuu. | | 0 | s12 |
| acaaaaggaacguaucugcuua. | 23 | 0 | s12 |
| acaaaaggaacguauGugcuua | 1 | 1 | s12 |
| acGaaaggaacguaucugcuua | 1 | 1 | s12 |
| acaaaggaacguaucugcuuG | 2 | 1 | s12 |
| acaaaggaacguaucugUuua | 2 | 1 | s12 |
| acaaaaggaacguaucugcGuau | 2 | 1 | s12 |
| acaaaaggaacguaucugcuuau. | 44 | 0 | s12 |
| acaaaaggaacguaucCgcuuau | | 1 | s12 |
| acaaaaqqaacquaucuqcuuaC | | 1 | s12 |
| | | | |
| acaaaaggaacguaucugcuuaA | | 1 | s12 |
| acaaaaggaacguaucugcuuGu. | | 1 | s12 |
| acaaaGggaacguaucugcuuau | 1 | 1 | s12 |
| acaaaaggaacguaucugcCuau | 1 | 1 | s12 |
| acaaaaggaacguaucugcuuauC | 3 | 1 | s12 |
| acaaaaggaacguaucugcuuauA | 2 | 1 | s12 |
| acaaaggaacguaucugcuuauu | 18 | 0 | s12 |
| Gcaaaaggaacguaucugcuuauu | 1 | 1 | s12 |
| acaaaaggaacguaucugcuuauuU | | 1 | s12 |
| acaaaaggaacguaucugcuuauua | | 0 | s12 |
| caaaaggaacguaucugcuu | | 0 | s12 |
| | | | |
| caaaaggaGcguaucugcuuau. | | 1 | s12 |
| caaaaggaacguaucugcuuau. | | 0 | s12 |
| | 3 | 1 | s12 |
| .caaaaggaacguaucugcuuaAu | 1 | 1 | s12 |
| .CaaaaggaacguaucugcuuauA | 2 | 1 | s12 |
| | 4 | 0 | s12 |
| caaaaggaacguaucugcuuGuu | 6 | 1 | s12 |
| .aaaaggaacguaucugcuuGu. | 1 | 1 | s12 |
| .aaaaggaacguaucugcuuGuu | 1 | 1 | s12 |
| aaaggaacguaucugcuuG | | 1 | s12 |
| | | 1 | s12 |
| aaaggaacguaucugcuuaC | | | |
| aaaggaacguaucugcuuGuua. | 1 | 1 | s12 |
| | | | |
| acaaaaggaacguaucugcu | 1 | 0 | s17 |
| acaaaaggaacguaucugcuuaC | 1 | 1 | s17 |
| acaaaaggaacguaucugcuuau | 3 | 0 | s17 |
| acaaaaggaacguaucugcuuGu | 1 | 1 | s17 |
| acaaaaggaacguaucugcuuauu | 5 | 0 | s17 |
| caaaaggaacguaucugcuu | 1 | 0 | s17 |
| caaaaggaacguaucugcGu. | | 1 | s17 |
| caaaaggaacguaucugcuuauu | | 0 | s17 |
| aaaaqqaacquaucuqcuuau | | 0 | s17 |
| aaaayyaacyuuucuycuuau | • • | Ü | B1/ |
| | _ | _ | |
| uuuaauaacaaaaggaacguaucugcuuau | | 0 | s01 |
| acaaaaggaacguaucug | | 0 | s01 |
| acaaaaggaacguaucugcu | 2 | 0 | s01 |
| acaaaaggaacguaucugcuG | 1 | 1 | s01 |
| acaaaggaacguaucugcuu | 5 | 0 | s01 |
| acaaaaggaacguaucugcuua | 4 | 0 | s01 |
| acaaaaggaacguaucugcuuaC | 1 | 1 | s01 |
| acaaaaggaacguaucugcuuau | | 0 | s01 |
| acaaaaggaacguaucugcuuauA | | 1 | s01 |
| acaaaaggaacguaucugcuuauu | | 0 | s01 |
| | | 0 | s01 s01 |
| Caaaaggaacguaucugcuuauu | 4 | U | SUI |
| 4.5 | _ | _ | |
| gacuaaaaaauuuugcuuGac | | 1 | s10 |
| caagcagauauguuccuuu. | | 0 | s10 |
| agcagauauguuccuuuuauu | 1 | 0 | s10 |
| acaaaaggaacguaucug | 3 | 0 | s10 |
| | | | |

| DCa1 Mac | are | | | |
|---|---|-----|---|-------------|
| ccuuugcuaacugcaacaagacuaaaaauuuugcuuuacaagcagauauguuccuuuuauuauuauuaauaacaaaa | | | | |
| acaaaa | | 3 | 0 | s10 |
| acaaaa | ggaacguaucugcu | 6 | 0 | s10 |
| acaaaa | ggaacguaucugcC | 1 | 1 | s 10 |
| acaaaa | ggaacguaucugcA | 2 | 1 | s10 |
| acaaaa | ggaacguaucugcCu | 2 | 1 | s10 |
| acaaaa | ggaacguaucugcGu | 4 | 1 | s10 |
| acaaaa | ggaacguaucugcuu | 41 | 0 | s 10 |
| acaaaai | Agaacguaucugcuu | 1 | 1 | s10 |
| | ggaacguCucugcuu | 1 | 1 | s10 |
| | ggaacguaucugcuC | 6 | 1 | s10 |
| | ggaacguaucugcuu | 1 | 1 | s10 |
| | | | | |
| | ggaacguaucugcuua | 73 | 0 | s 10 |
| | ggaacguaucugcuua | 1 | 1 | s10 |
| acaaaa | ggaacguaucuAcuua | 2 | 1 | s 10 |
| acaaaa | ggaacguaucugcuuU | 2 | 1 | s10 |
| | ggaacguaucugcuua | 2 | 1 | s10 |
| acaaaa | ggaacAuaucugcuua | 2 | 1 | s10 |
| acaaaa | ggaacgCaucugcuua | 1 | 1 | s 10 |
| acaaaa | ggaacguaucugUuua | 1 | 1 | s 10 |
| acaaaa | ggaacguaucugcuuUu | 1 | 1 | s10 |
| | Agaacguaucugcuuau | 1 | 1 | s10 |
| | ggaacguaucugcuuGu | 5 | 1 | s10 |
| | | | 1 | |
| | ggaacguaucugcuuau | 1 | | s10 |
| | ggGacguaucugcuuau | 1 | 1 | s10 |
| acaaaa | ggaaUguaucugcuuau | 1 | 1 | s 10 |
| acaaaa | ggaacguaucugcuuaC | 19 | 1 | s 10 |
| acaaaa | ggaacguaucCgcuuau | 3 | 1 | s10 |
| acaaaa | ggaacguauGugcuuau | 1 | 1 | s 10 |
| acaaaa | ggaacguaucugcuuau | 142 | 0 | s 10 |
| | ggaacguaucugcuuau | 1 | 1 | s10 |
| | ggaacguaucugcuuGuu | 1 | 1 | s10 |
| | ggaacguaucugcuuauu | 1 | 1 | s10 |
| | | 3 | 1 | s10 |
| | ggaacguaucugcuCauu | | | |
| | ggGacguaucugcuuauu | 1 | 1 | s 10 |
| | ggaacguaucugcuuauu | 1 | 1 | s1 0 |
| acaaaa | ggaacguaucuCcuuauu | 1 | 1 | s 10 |
| acGaaa | ggaacguaucugcuuauu | 1 | 1 | s10 |
| acCaaa | ggaacguaucugcuuauu | 1 | 1 | s10 |
| acaaaa | ggaacguaucugcuuauA | 29 | 1 | s10 |
| acaaaa | ggaacguaucugcuuauC | 6 | 1 | s 10 |
| acaaaa | ggaacguaucugcuuauu | 86 | 0 | s10 |
| acaaaa | ggaacguaucugcuuCuu | 1 | 1 | s10 |
| | ggaacguaucugcuuauua | 2 | 0 | s10 |
| | | 1 | 1 | s10 |
| | | 1 | - | |
| | | | 1 | s10 |
| | | 1 | 1 | s 10 |
| | | 6 | 0 | s 10 |
| | ggaacgCaucugcuu | 1 | 1 | s10 |
| | ggaacguaucugcuua | 5 | 0 | s10 |
| | ggaacguaucugcuuau | 2 | 0 | s10 |
| | ggaacAuaucugcuuauu | 2 | 1 | s10 |
| | ggaacguaucugcuuauA | 4 | 1 | s 10 |
| | ggaacguaucugcuuauC | 3 | 1 | s10 |
| | | 14 | 0 | s10 |
| aaaa. | | 1 | 0 | s10 |
| | | 1 | 1 | |
| aaGa | | | | s10 |
| aaaa | ggaacguaucugcuuauua | 1 | 0 | s 10 |
| | | | | |
| caaAaagacuaaaaaauu | | 3 | 1 | s02 |
| caagcagauGuguuccuuuu | ••••• | 1 | 1 | s02 |
| caagcagauauguuccuuuuauu | | 1 | 0 | s02 |
| aagcagauauguuccuuuuau | | 2 | 0 | s02 |
| aagcagauauguuccuuuuauu | | 1 | 0 | s02 |
| agcagauauguuccuuuuau | | 1 | 0 | s02 |
| agcagauauguuccuuuuauG | | 1 | 1 | s02 |
| agcagauauguuccuuuuaAu | | 1 | 1 | s02 |
| agcagauauguuccuuuuauAagcagauauguuccuuuuauA | | 1 | 1 | s02 |
| | | 1 | 1 | s02 |
| agcagauGuguuccuuuuauua | | | | |
| agcagauGuguuccuuuuauuau | | 2 | 1 | s02 |
| agcagauauguuccuuuuauuauuC | • | 2 | 1 | s02 |

| Star Mature | | | |
|--|--------------|---|-----|
| ccuuugcuaacugcaacaagacuaaaaaauuuugcuuuacaagcagauauguuccuuuuauuauuuau | aauuugagagcu | | |
| | 1 | 1 | s02 |
| acaaaggaacguaucuA | 1 | 1 | s02 |
| acaaaaggaacguaucug | | 0 | s02 |
| | | | |
| .acaaaaggaacguaucugc. | | 0 | s02 |
| acaaaaggaacguaucugU | 5 | 1 | s02 |
| acaaaaggaacguaucugcA | 27 | 1 | s02 |
| acaaaaggaacguaucugcu | 50 | 0 | s02 |
| acaaGaggaacguaucugcu | 1 | 1 | s02 |
| acaaaaggaacguaucugUu | | 1 | s02 |
| | | | |
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| acaaaaggaacguaucugcG | 2 | 1 | s02 |
| acaaaaggGacguaucugcuacaaaaggGacguaucugcu | 2 | 1 | s02 |
| acaaaaggaacAuaucugcu | 1 | 1 | s02 |
| acaaaaggaacguUucugcu | 1 | 1 | s02 |
| acaaaaggaacguaucugcC | | 1 | s02 |
| | | 1 | s02 |
| acaaaaggaacgCaucugcuu | | | |
| acaaaGggaacguaucugcuu | 4 | 1 | s02 |
| acaaaaggaacguaucugcuCacaaaaggaacguaucugcuC | 27 | 1 | s02 |
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| acaaaaggaacguaucugcAu | 2 | 1 | s02 |
| .acGaaaggaacguaucugcuu | 1 | 1 | s02 |
| Ucaaaaggaacguaucugcuu | | 1 | s02 |
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| acaaaaggaacguaucugcuA | | 1 | s02 |
| acaaaaggaacguaGcugcuu | 1 | 1 | s02 |
| acaaGaggaacguaucugcuu | 2 | 1 | s02 |
| acaaaAgaacguaucugcuu | 1 | 1 | s02 |
| acaaaaUgaacguaucugcuu | | 1 | s02 |
| | | | |
| acaaaaggaacguGucugcuu | | 1 | s02 |
| acaaaaggaacguaucugcGu. | 5 | 1 | s02 |
| acaGaaggaacguaucugcuu | 5 | 1 | s02 |
| Ucaaaaggaacguaucugcuua | 1 | 1 | s02 |
| acaaaggaacguaucugcuua | 231 | 0 | s02 |
| acaaaGggaacguaucugcuua | | 1 | s02 |
| | | 1 | s02 |
| acaaaaggaacguaucugcuGa | | | |
| .acaUaaggaacguaucugcuua. | | 1 | s02 |
| acaaagAaacguaucugcuua | 1 | 1 | s02 |
| acaaaaggaacAuaucugcuua | 4 | 1 | s02 |
| acaaaaggaacgCaucugcuua | 1 | 1 | s02 |
| .acaaaaggaacguaCcugcuua | 2 | 1 | s02 |
| acaaaaggaacguCucugcuua | | 1 | s02 |
| | | 1 | s02 |
| | | | |
| acaaGaggaacguaucugcuua | 1 | 1 | s02 |
| acGaaaggaacguaucugcuua | 1 | 1 | s02 |
| acaaaaggaacguaucugcuuU | 4 | 1 | s02 |
| acaaaaUgaacguaucugcuua | 1 | 1 | s02 |
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| | | | |
| acaaaaggaacguauGugcuuau | | 1 | s02 |
| acaaaaggaGcguaucugcuuau | 3 | 1 | s02 |
| acaaaaggaacguaucugcuGau | 1 | 1 | s02 |
| | 1 | 1 | s02 |
| acaaaaggaacguaucuUcuuau | 1 | 1 | s02 |
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| | | | |
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| | 1 | 1 | s02 |
| .acaaaGggaacguaucugcuuau | 1 | 1 | s02 |
| acaaaaggaacguaucugcuuGu | 8 | 1 | s02 |
| .acaaGaggaacguaucugcuuau. | 1 | 1 | s02 |
| acaaaaggaacguaucugcuuaC | | 1 | s02 |
| acaaaaggaacguuuu | | 1 | s02 |
| | | | |
| acaaaaggaacguaucugcuuau | | 0 | s02 |
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| .acaaaaggaacguaucugcuuaA | 5 | 1 | s02 |
| .acaaaggaacguaucCgcuuau | 2 | 1 | s02 |
| .acaaaggaacguaucuAcuuau | 1 | 1 | s02 |
| acGaaaggaacguaucugcuuau | | 1 | s02 |
| | | 1 | |
| acaaaAgaacguaucugcuuau | | | s02 |
| acaaaaggaacguaucugUuuau | 1 | 1 | s02 |
| | | | |

| Star | Mature | | | |
|---|---|-----|---|-----|
| ccuuugcuaacugcaacaagacuaaaaauuuugcuuuacaagcagauauguuccuuuuauuauuaauaa | acaaaaggaacguaucugcuuauuaaagcaaaauuugagagcu | | | |
| a | acaaaaggaacguCucugcuuau | 1 | 1 | s02 |
| a | acaaaaggaacguaucugcuuauu | 204 | 0 | s02 |
| a | acaaaaggaacguaucugcuuUuu | 1 | 1 | s02 |
| a | acaaaaggaGcguaucugcuuauu | 2 | 1 | s02 |
| a | acaaaaggaacguaucugGuuauu | 2 | 1 | s02 |
| | acaaaaggaacguaucugcuuaGu | 1 | 1 | s02 |
| a | | 1 | 1 | s02 |
| | | 1 | 1 | s02 |
| a | | | | |
| a | | 2 | 1 | s02 |
| a | | 2 | 1 | s02 |
| a | acaaaGggaacguaucugcuuauu | 1 | 1 | s02 |
| a | acaaaaggaacguaucugcuuauA | 87 | 1 | s02 |
| a | caaaaggaacguaucuUcuuauu | 1 | 1 | s02 |
| a | acaaaaggaacguaucAgcuuauu | 1 | 1 | s02 |
| a | acaaaaggaacguaucugcuuauC | 21 | 1 | s02 |
| a | uVaaaaggaacguaucugcuuauu | 1 | 1 | s02 |
| a | | 1 | 1 | s02 |
| | acaaaaggaacguaucuAcuuauu | 1 | 1 | s02 |
| a | | 1 | 1 | s02 |
| | | 1 | 1 | s02 |
| a | | | | |
| | acaaaaggaacguGucugcuuauu | 4 | 1 | s02 |
| a | acaaaaggaacguaucugcuuaAu | 3 | 1 | s02 |
| c | Caaaaaggaacguaucugcuuauua | 2 | 1 | s02 |
| a | caaaaggaacguaucugcuuauuU | 1 | 1 | s02 |
| a | acaaaaggaacguaucugcuuauua | 3 | 0 | s02 |
| | caaaaggaacguaucugcC | 1 | 1 | s02 |
| | caaaaggaacguaucugcu | 6 | 0 | s02 |
| | caaaaggaacguaucugcuC | 4 | 1 | s02 |
| | | 1 | 1 | s02 |
| | caaaaggaacguaucugcuu | 16 | 0 | s02 |
| | | 1 | 1 | s02 |
| | | | | |
| | | 2 | 1 | s02 |
| ••••• | caaaaggaacguaAcugcuua | 1 | 1 | s02 |
| | caaaaggaacguaucugcuua | 14 | 0 | s02 |
| | caaaaggaacguaucugcuuau | 38 | 0 | s02 |
| | caGaaggaacguaucugcuuau | 1 | 1 | s02 |
| | caaaaggGacguaucugcuuau | 1 | 1 | s02 |
| | caaaaggaacguaucugcuuaC | 5 | 1 | s02 |
| | caaaaggaacguaucugAuuau | 1 | 1 | s02 |
| | | 1 | 1 | s02 |
| | caaaaggaGcguaucugcuuauu | 1 | 1 | s02 |
| | caaaaggaacguaucugcuuaGu | 1 | 1 | s02 |
| | | | | s02 |
| | caaaaggaacguaucugcuuauu | 70 | 0 | |
| ••••• | | 7 | 1 | s02 |
| ••••• | caaaaggaacguauAugcuuauu | 1 | 1 | s02 |
| | caaaaggaacguaucugcuuauA | 17 | 1 | s02 |
| | caaaaggGacguaucugcuuauu | 1 | 1 | s02 |
| | caaaaggaacguaucugcuuauAa | 1 | 1 | s02 |
| | caaaaggaacguaucugcuuauua | 7 | 0 | s02 |
| | caaaaggaacguaucugcuuauuaU | 7 | 1 | s02 |
| | caaaaggaacguaucugcuuauuaa | 1 | 0 | s02 |
| | | 2 | 0 | s02 |
| | | 1 | 1 | s02 |
| | | 10 | 0 | s02 |
| | ** * * | | | |
| | | 4 | 0 | s02 |
| | ** * | 2 | 0 | s02 |
| | aaaggGacguaucugcuuauu | 1 | 1 | s02 |
| | aaggaacguaucugcuua | 1 | 0 | s02 |
| | aaggaacguaucugcuuaC | 1 | 1 | s02 |
| | aaggaacguaucugcuuau | 2 | 0 | s02 |
| | aaggCacguaucugcuuau | 1 | 1 | s02 |
| | aaggaacguaucugcuuauu | 1 | 0 | s02 |
| | | | | |
| a | caaaaggaacguaucugcu | 1 | 0 | s11 |
| a | | 1 | 1 | s11 |
| | | | | |
| a | | 1 | 0 | s11 |
| a | | 11 | 0 | s11 |
| a | | 1 | 1 | s11 |
| a | | 1 | 0 | s11 |
| | caaaaggaacguaucugcuuau | 1 | 0 | s11 |

ccuuugcuaacugcaacaagacuaaaaauuuugcuuuacaagcagauauguuccuuuuauuauuauaaaaaaaggaacguaucugcuuauuaaagcaaaauuugagagcu

| .agcagauauguuccuuuuau | 1 | 0 | s 05 |
|--------------------------|----|---|-------------|
| .aacaaaggaacguaucuAc | 1 | 1 | ສ05 |
| acaaaaggaacguaucugcuC | 2 | 1 | ສ05 |
| acaaaaggaacguaucugcuu | 13 | 0 | s 05 |
| acaaCaggaacguaucugcuua | 1 | 1 | s 05 |
| acaaaaggaacguaucugcuua | 11 | 0 | ສ05 |
| acaaaaggaacguaucugcuuau | 23 | 0 | s 05 |
| acaaaaggaacguaucGgcuuau | 1 | 1 | ສ05 |
| acaaaaggaacguaucugcuuaC | 2 | 1 | ສ05 |
| acaaaaggaacguaucugcuuauu | 6 | 0 | ສ05 |
| acaaaaggaacguaucugcuuauk | 2 | 1 | ສ05 |
| acaaaaggaacguaucugcuuauC | 1 | 1 | ສ05 |
| caaaaggaacguaucugcuA | 1 | 1 | s 05 |
| caaaaggaacguaucugcuua | 3 | 0 | s 05 |
| caaaaggaacguaucugcuuauu | 4 | 0 | s 05 |
| caaaaggaacguaucugcuuGuu. | 1 | 1 | s 05 |
| caaaaggaacgAaucugcuuauu | 1 | 1 | s 05 |
| aaaaggaacguaucugcuuau | 2 | 0 | s 05 |
| | | | |
| acaaaaggaacguaucugcuu | 3 | 0 | s18 |
| acaaaaggaacguaucugcuua | 7 | 0 | s18 |
| acaaaaggaacguaucugcuuaC | 1 | 1 | s18 |
| acaaaaggaaGguaucugcuuau | 1 | 1 | s18 |
| acaaaaggaacguaucugcuuau | 14 | 0 | s18 |
| acaaaaggaacguaucugcuuauA | 1 | 1 | s18 |
| acaaaaggaacguaucugcuuauu | 10 | 0 | s18 |
| caaaaggaacguaucugcuu | 1 | 0 | s18 |
| caaaaggaacguaucugcuuauu | 1 | 0 | s18 |
| aggaacguGucugcuuauu | 1 | 1 | s18 |
| | | | |