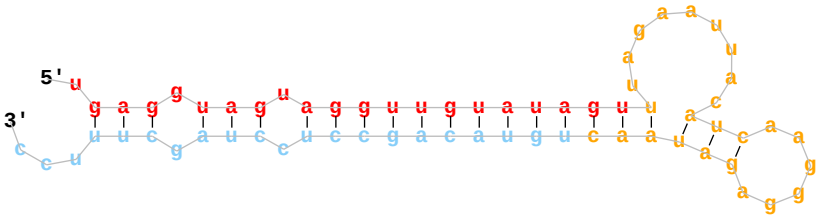
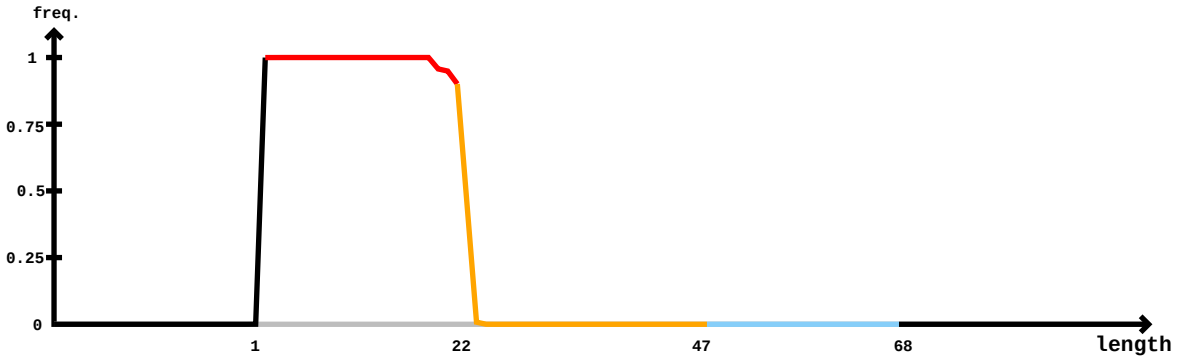
Provisional ID	:	11_27451
Score total	:	1.9
Score for star read(s)	:	-1.3
Score for read counts	:	0
Score for mfe	:	1.6
Score for randfold	:	1.6
Score for cons. seed	:	
Total read count	:	401798
Mature read count	:	401798
Loop read count	:	0
Star read count	:	0





Mature Star

```
5'- gugacugcaugcucccagguugagguaguagguuguauaguuuagaauuacaucaagggagauaacuguacagccuccuagcuuuccuugggucuugcacuaaacaacaugg  -3'   exp
    gugacugcaugcucccagguugagguaguagguuguauaguuuagaauuacaucaagggagauaacuguacagccuccuagcuuuccuugggucuugcacuaaacaacaugg        known
    ((...((((....((((((..(((.(((.(((((((((((((.........(((......)))))))))))))))).))).))).))))))...))))....)).......  reads   mm   sample
    ...................Cugagguaguagguuguaua.................................................................  3       1    Z2_
    ...................Cugagguaguagguuguauagu...............................................................  11      1    Z2_
    ...................Cugagguaguagguuguauaguu..............................................................  9       1    Z2_
    ...................ugagguaguagguuguUu...................................................................  2       1    Z2_
    ...................ugagguaguGgguuguau...................................................................  9       1    Z2_
    ...................ugagguagCagguuguau...................................................................  3       1    Z2_
    ...................ugaggCaguagguuguau...................................................................  7       1    Z2_
    ...................ugaAguaguagguuguau...................................................................  4       1    Z2_
    ...................ugagguaguagguuAuau...................................................................  1       1    Z2_
    ...................ugagguaguagguGguau...................................................................  2       1    Z2_
    ...................ugagguaguagguuguau...................................................................  2097    0    Z2_
    ...................ugagguaguagCuuguau...................................................................  1       1    Z2_
    ...................ugagguaguagguugGau...................................................................  2       1    Z2_
    ...................Cgagguaguagguuguau...................................................................  11      1    Z2_
    ...................ugagAuaguagguuguau...................................................................  2       1    Z2_
    ...................ugagguaguagguugCau...................................................................  5       1    Z2_
    ...................ugagguaguagUuuguau...................................................................  338     1    Z2_
    ...................ugGgguaguagguuguau...................................................................  22      1    Z2_
    ...................ugUgguaguagguuguau...................................................................  3       1    Z2_
    ...................ugagguaUuagguuguau...................................................................  1       1    Z2_
    ...................uAagguaguagguuguau...................................................................  2       1    Z2_
    ...................ugagguaguagguugAau...................................................................  1       1    Z2_
    ...................ugagguaguagguuguaG...................................................................  7       1    Z2_
    ...................ugagguaguagguAguau...................................................................  1       1    Z2_
    ...................Ggagguaguagguuguau...................................................................  1       1    Z2_
    ...................ugagguaguagNuuguau...................................................................  1       1    Z2_
    ...................ugagguaguagguCguau...................................................................  19      1    Z2_
    ...................ugagguagAagguuguau...................................................................  1       1    Z2_
    ...................ugCgguaguagguuguau...................................................................  1       1    Z2_
    ...................Agagguaguagguuguau...................................................................  2       1    Z2_
    ...................ugagguaguagguuguaA...................................................................  27      1    Z2_
    ...................ugagguaAuagguuguau...................................................................  2       1    Z2_
    ...................ugagguGguagguuguau...................................................................  3       1    Z2_
```

Mature Star

gugacugcaugcucccaggu**ugagguaguaggguuguauagu**uuagaauuacaucaagggagauaac**uguacagccuccuagcuuucc**uuggucuugcacuaaacaacaugg

.....ugagguaguaggCuguau.....	8	1	Z2_
.....ugagguaguUgguuguau.....	2	1	Z2_
.....ugaggAaguagguuguau.....	1	1	Z2_
.....ugagguaguaggCuguaua.....	1	1	Z2_
.....ugagguaguagguuguauU.....	1	1	Z2_
.....ugagguaAuagguuguaua.....	2	1	Z2_
.....ugagguaguagguuguaua.....	417	0	Z2_
.....ugagguagAagguuguaua.....	1	1	Z2_
.....ugagguaguGgguuguaua.....	2	1	Z2_
.....ugagguaguagguuguaCa.....	3	1	Z2_
.....ugagguaUuagguuguaua.....	2	1	Z2_
.....ugagguaguagguuguGua.....	4	1	Z2_
.....ugGgguaguagguuguaua.....	6	1	Z2_
.....ugagguGguagguuguaua.....	2	1	Z2_
.....ugagguaguagUuuguaua.....	9	1	Z2_
.....ugagguaguUgguuguaua.....	1	1	Z2_
.....ugagguaguagguCguaua.....	2	1	Z2_
.....ugagguaguagguuUuaua.....	1	1	Z2_
.....uAagguaguagguuguaua.....	1	1	Z2_
.....ugagguagCagguuguaua.....	3	1	Z2_
.....ugagguaguagguGguaua.....	1	1	Z2_
.....ugagguaguagguugCaua.....	1	1	Z2_
.....ugUgguaguagguuguaua.....	2	1	Z2_
.....uNagguaguagguuguaua.....	1	1	Z2_
.....ugagUuaguagguuguauag.....	1	1	Z2_
.....ugagguagCagguuguauag.....	8	1	Z2_
.....ugagguaguaggCuguauag.....	15	1	Z2_
.....ugagguaguagguuguauaU.....	6	1	Z2_
.....Agagguaguagguuguauag.....	5	1	Z2_
.....ugagguaguaAguuguauag.....	3	1	Z2_
.....ugagguaguaggAuguauag.....	2	1	Z2_
.....ugagguaguagguuguaCag.....	6	1	Z2_
.....uNagguaguagguuguauag.....	1	1	Z2_
.....ugagguGguagguuguauag.....	6	1	Z2_
.....Ngagguaguagguuguauag.....	1	1	Z2_
.....ugagguaAuagguuguauag.....	2	1	Z2_
.....ugagguaguagUuuguauag.....	8	1	Z2_
.....ugaggGaguagguuguauag.....	1	1	Z2_
.....ugagguaguagguGguauag.....	1	1	Z2_
.....uAagguaguagguuguauag.....	1	1	Z2_
.....ugagguaUuagguuguauag.....	2	1	Z2_
.....ugUgguaguagguuguauag.....	11	1	Z2_
.....ugaAguaguagguuguauag.....	7	1	Z2_
.....ugagAuaguagguuguauag.....	1	1	Z2_
.....ugagguaguagguuAuauag.....	8	1	Z2_
.....ugagguaguaUguuguauag.....	4	1	Z2_
.....ugagguagAagguuguauag.....	1	1	Z2_
.....ugGgguaguagguuguauag.....	18	1	Z2_
.....ugaggCaguagguuguauag.....	8	1	Z2_
.....ugagguaguagguuguauaC.....	8	1	Z2_
.....ugaggAaguagguuguauag.....	1	1	Z2_
.....ugagguaguagguuguauag.....	2949	0	Z2_
.....ugagguaguagguAguauag.....	1	1	Z2_
.....ugagguaguagguuguauaA.....	120	1	Z2_
.....Cgagguaguagguuguauag.....	18	1	Z2_
.....ugagguaguGgguuguauag.....	10	1	Z2_
.....ugagguaguagguuguGuag.....	9	1	Z2_
.....ugagguaguUgguuguauag.....	5	1	Z2_
.....ugaNguaguagguuguauag.....	1	1	Z2_
.....ugagguaguagguugCauag.....	17	1	Z2_
.....ugagguaguagguuguaAag.....	3	1	Z2_
.....ugagguaguaggCguauag.....	10	1	Z2_
.....ugagguCguagguuguauag.....	1	1	Z2_
.....ugaUguaguagguuguauag.....	2	1	Z2_
.....ugagguaguaggGuguauagu.....	8	1	Z2_
.....ugagguaguagguuguGuagu.....	124	1	Z2_
.....ugagguaguagguuAuauagu.....	43	1	Z2_
.....Cgagguaguagguuguauagu.....	128	1	Z2_
.....ugagguaguaggCguauagu.....	141	1	Z2_
.....ugaggCaguagguuguauagu.....	82	1	Z2_

Mature Star

gugacugcaugcucccaggu**ugagguaguagguuguauagu**uuagaauuacaucaagggagauaacuguacagccuccuagcuuuccuugggucuugcacuaaacaacaugg

.....uUagguaguagguuguauagu.....	11	1	Z2_
.....ugagguaguagguuguCuagu.....	6	1	Z2_
.....ugagguaguagguugAauagu.....	22	1	Z2_
.....ugagguagCagguuguauagu.....	91	1	Z2_
.....ugagguaguUgguuguauagu.....	16	1	Z2_
.....ugagguaCuagguuguauagu.....	1	1	Z2_
.....ugagguagAagguuguauagu.....	28	1	Z2_
.....ugaNguaguagguuguauagu.....	3	1	Z2_
.....ugagguaguagguuguauCgu.....	8	1	Z2_
.....ugagguaguagguuguaAagu.....	17	1	Z2_
.....ugCgguaguagguuguauagu.....	4	1	Z2_
.....ugagguCguagguuguauagu.....	18	1	Z2_
.....ugagguaguaAguuguauagu.....	34	1	Z2_
.....ugaUguaguagguuguauagu.....	7	1	Z2_
.....ugagguaguagguGguauagu.....	7	1	Z2_
.....ugagguaguagguuguauUgu.....	29	1	Z2_
.....ugagguaguagguuguauagA.....	263	1	Z2_
.....ugagguaguagUuuguauagu.....	122	1	Z2_
.....ugagguaguagCuuguauagu.....	7	1	Z2_
.....ugagguaguagguugGauagu.....	3	1	Z2_
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.....ugagguaguagguuguauaUu.....	9	1	Z2_
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.....ugagguaUuagguuguauagu.....	6	1	Z2_
.....ugagguaguagguuguaGagu.....	3	1	Z2_
.....ugagguaguagguAguauagu.....	27	1	Z2_
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.....ugagguaguagguuguUuagu.....	13	1	Z2_
.....ugagAuaguagguuguauagu.....	39	1	Z2_
.....ugagguaguaggAuguauagu.....	22	1	Z2_
.....ugagguaguagguuguauaCu.....	1	1	Z2_
.....ugagguaguCgguuguauagu.....	5	1	Z2_
.....ugaggNaguagguuguauagu.....	3	1	Z2_
.....ugUgguaguagguuguauagu.....	31	1	Z2_
.....ugagguaguagguuguauaAu.....	35	1	Z2_
.....ugagguaguagNuuguauagu.....	1	1	Z2_
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.....ugagguaguagguuguaCagu.....	85	1	Z2_
.....ugagguaAuagguuguauagu.....	19	1	Z2_
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.....Ggagguaguagguuguauagu.....	29	1	Z2_
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.....ugagUuaguagguuguauagu.....	5	1	Z2_
.....ugaggGaguagguuguauagu.....	19	1	Z2_
.....ugagguaguagguuguauagG.....	90	1	Z2_
.....Agagguaguagguuguauagu.....	51	1	Z2_
.....ugagguaguGgguuguauagu.....	98	1	Z2_
.....ugaAguaguagguuguauagu.....	54	1	Z2_
.....ugagguaguagguuguauagu.....	28443	0	Z2_
.....ugagguCguagguuguauaguu.....	6	1	Z2_
.....ugagguaguagguugAauaguu.....	12	1	Z2_
.....ugagguaguagguuguUuaguu.....	21	1	Z2_
.....ugagguaguagguGguauaguu.....	8	1	Z2_
.....ugagguagCagguuguauaguu.....	78	1	Z2_
.....uCagguaguagguuguauaguu.....	3	1	Z2_
.....ugagCuaguagguuguauaguu.....	3	1	Z2_
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.....ugagguaguagguuguauCguu.....	9	1	Z2_
.....ugagguaguGgguuguauaguu.....	106	1	Z2_
.....ugagguaguagguuguaCaguu.....	100	1	Z2_
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.....ugagguaguagguuUuauaguu.....	8	1	Z2_
.....ugagguaguagguuguauaAuu.....	21	1	Z2_

Mature Star

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.....ugagguaguaggguuguauaUuu.....	7	1	Z2_
.....ugagguaguaggguuguGuaguu.....	171	1	Z2_
.....ugagguaguaAguuguauaguu.....	39	1	Z2_
.....ugagguaguaggguuguauaguC.....	1995	1	Z2_
.....ugagguaguaggguuAuauaguu.....	54	1	Z2_
.....ugagguaguaggguuguauaguu.....	30670	0	Z2_
.....ugagguaguCgguuguauaguu.....	3	1	Z2_
.....ugagguUguaggguuguauaguu.....	25	1	Z2_
.....ugagguaguaggguuguauUguu.....	35	1	Z2_
.....ugagguaguaggAuguauaguu.....	23	1	Z2_
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.....ugagguaguagguCguauaguu.....	140	1	Z2_
.....ugagguaguaggCuguauaguu.....	135	1	Z2_
.....ugagguGguaggguuguauaguu.....	113	1	Z2_
.....ugagguaguaggguuguauagAu.....	9	1	Z2_
.....ugaggAaguaggguuguauaguu.....	25	1	Z2_
.....Agagguaguaggguuguauaguu.....	72	1	Z2_
.....ugagguaguaggguuguaAaguu.....	29	1	Z2_
.....ugUgguaguaggguuguauaguu.....	37	1	Z2_
.....ugaggGaguaggguuguauaguu.....	13	1	Z2_
.....ugaggNaguaggguuguauaguu.....	3	1	Z2_
.....ugaAguaguaggguuguauaguu.....	40	1	Z2_
.....ugagguaguagguAguauaguu.....	38	1	Z2_
.....ugagguaguaggguuguauagGu.....	17	1	Z2_
.....uNagguaguaggguuguauaguu.....	12	1	Z2_
.....ugaggCaguaggguuguauaguu.....	110	1	Z2_
.....ugaUguaguaggguuguauaguu.....	5	1	Z2_
.....ugagguaguaNguuguauaguu.....	1	1	Z2_
.....Cgagguaguaggguuguauaguu.....	150	1	Z2_
.....ugagAuaguaggguuguauaguu.....	38	1	Z2_
.....ugagguaguUgguuguauaguu.....	14	1	Z2_
.....ugagguaguaggguuguaGaguu.....	2	1	Z2_
.....Ggagguaguaggguuguauaguu.....	35	1	Z2_
.....ugagguaguaCguuguauaguu.....	2	1	Z2_
.....uAagguaguaggguuguauaguu.....	47	1	Z2_
.....ugagguaguaUguuguauaguu.....	3	1	Z2_
.....uUagguaguaggguuguauaguu.....	3	1	Z2_
.....ugagguaguaggguuguauaguG.....	75	1	Z2_
.....ugagguaUuaggguuguauaguu.....	6	1	Z2_
.....ugGgguaguaggguuguauaguu.....	183	1	Z2_
.....ugagguaguaggguuguauagCu.....	162	1	Z2_
.....ugagguaguagguuCuauaguu.....	11	1	Z2_
.....ugagguaguaggGuguauaguu.....	7	1	Z2_
.....ugagguagAaggguuguauaguu.....	21	1	Z2_
.....Ngagguaguaggguuguauaguu.....	9	1	Z2_
.....ugagguaguaggguugCauaguu.....	110	1	Z2_
.....ugagguaguagCuuguauaguu.....	8	1	Z2_
.....ugagguaCuaggguuguauaguu.....	3	1	Z2_
.....ugagguaguaggguugGauaguu.....	3	1	Z2_
.....ugagguaguaggguuguauaguA.....	359	1	Z2_
.....ugCgguaguaggguuguauaguu.....	13	1	Z2_
.....ugagguaguaggguuguauaguuu.....	350	0	Z2_
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.....ugagguaguaggguuguGuaguuu.....	1	1	Z2_
.....ugagguaguaggguuguauaguuG.....	64	1	Z2_
.....ugagguUguaggguuguauaguuu.....	1	1	Z2_
.....ugaUguaguaggguuguauaguuu.....	9	1	Z2_
.....ugagguaguaggguuguaCaguuu.....	1	1	Z2_
.....ugCgguaguaggguuguauaguuu.....	1	1	Z2_
.....ugagguagCaggguuguauaguuu.....	1	1	Z2_
.....ugagguaguagguCguauaguuu.....	1	1	Z2_
.....ugagguaguaggguugAauaguuu.....	1	1	Z2_
.....ugagguaguaggguugCauaguuu.....	2	1	Z2_
.....Cgagguaguaggguuguauaguuu.....	4	1	Z2_
.....ugagguaguaggCuguauaguuu.....	4	1	Z2_
.....ugagguaguaggguuguauaguuC.....	35	1	Z2_
.....ugagguaguaggguuguauaguCu.....	3	1	Z2_
.....ugagguaguGgguuguauaguuu.....	2	1	Z2_
.....ugGgguaguaggguuguauaguuu.....	2	1	Z2_

Mature Star

gugacugcaugcucccaggu**ugagguaguagguuguauagu**uuagaauuacaucaagggagauaac**uguacagccuccuagcuuucc**uuggucuugcacuaaacaacaugg

.....ugagguaguaNguuguauaguuu.....	1	1	Z2_
.....ugagguaguagguuguauagCuu.....	4	1	Z2_
.....ugagguagGagguuguauaguuu.....	7	1	Z2_
.....ugagguaguagUuuguauaguuu.....	3	1	Z2_
.....ugagguaguagguuCuauaguuu.....	1	1	Z2_
.....ugaggAaguagguuguauaguuu.....	3	1	Z2_
.....ugagguaguagguuguauaguuGa.....	3	1	Z2_
.....ugagguaguagAuuguauaguuua.....	2	1	Z2_
.....ugagguaguagguuguauaguuAa.....	13	1	Z2_
.....ugagguaguagguuguauaguuua.....	4	0	Z2_
.....gagguaguagguuguauaguuG.....	1	1	Z2_
.....Ugguaguagguuguauagu.....	3	1	Z2_
.....agguaguagUuuguauaguu.....	6	1	Z2_
.....guaguagguuguauaguu.....	1	0	Z2_
.....Cugagguaguagguuguauagu.....	7	1	Z1_
.....Cugagguaguagguuguauaguu.....	4	1	Z1_
.....ugagguGguagguuguau.....	3	1	Z1_
.....uAagguaguagguuguau.....	2	1	Z1_
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.....ugagCuaguagguuguau.....	1	1	Z1_
.....ugaAguaguagguuguau.....	2	1	Z1_
.....ugagguaguaggCuguau.....	11	1	Z1_
.....ugagguaguagguuAuau.....	2	1	Z1_
.....ugaggCaguagguuguau.....	6	1	Z1_
.....ugCgguaguagguuguau.....	1	1	Z1_
.....Agagguaguagguuguau.....	3	1	Z1_
.....ugagguaAuagguuguau.....	3	1	Z1_
.....Cgagguaguagguuguau.....	9	1	Z1_
.....ugagguaguagguuguaA.....	17	1	Z1_
.....uUagguaguagguuguau.....	3	1	Z1_
.....ugagguaguUgguuguau.....	1	1	Z1_
.....ugagguaguagguAguau.....	1	1	Z1_
.....ugUgguaguagguuguau.....	2	1	Z1_
.....ugaUguaguagguuguau.....	3	1	Z1_
.....ugagguaguGgguuguau.....	15	1	Z1_
.....ugaggNaguagguuguau.....	1	1	Z1_
.....ugagguaguagguuguCu.....	1	1	Z1_
.....ugagguaguaUguuguau.....	1	1	Z1_
.....ugaggAaguagguuguau.....	1	1	Z1_
.....ugagguaguaggGuguau.....	2	1	Z1_
.....ugagguaguagguuguau.....	2492	0	Z1_
.....ugagguaguagguuguaG.....	5	1	Z1_
.....ugagguaguagguCguau.....	13	1	Z1_
.....ugagguaguaggAuguau.....	1	1	Z1_
.....ugagguaguagguugCau.....	6	1	Z1_
.....Ngagguaguagguuguau.....	1	1	Z1_
.....ugagguagCagguuguau.....	4	1	Z1_
.....ugagguagAagguuguau.....	4	1	Z1_
.....ugGgguaguagguuguau.....	10	1	Z1_
.....ugagguaUuagguuguau.....	1	1	Z1_
.....Ggagguaguagguuguau.....	5	1	Z1_
.....ugaNguaguagguuguau.....	2	1	Z1_
.....ugagguCguagguuguau.....	1	1	Z1_
.....ugagAuaguagguuguau.....	3	1	Z1_
.....ugagguaguGgguuguaua.....	1	1	Z1_
.....ugagguCguagguuguaua.....	2	1	Z1_
.....ugaggCaguagguuguaua.....	1	1	Z1_
.....ugagguaguagguuguaua.....	603	0	Z1_
.....Cgagguaguagguuguaua.....	2	1	Z1_
.....ugagguagCagguuguaua.....	2	1	Z1_
.....ugagguagAagguuguaua.....	2	1	Z1_
.....Ggagguaguagguuguaua.....	1	1	Z1_
.....ugagguaguaggAuguaua.....	1	1	Z1_
.....ugagAuaguagguuguaua.....	1	1	Z1_
.....ugagguaguagCuuguaua.....	1	1	Z1_
.....ugagguaguagUuuguaua.....	1	1	Z1_
.....ugagguaguagguAguaua.....	1	1	Z1_
.....ugagguaguagguuguaCa.....	3	1	Z1_
.....ugUgguaguagguuguaua.....	2	1	Z1_

Mature Star

gugacugcaugcucccaggu**ugagguaguagguuguauagu**uuagaauuacaucaagggagauaac**uguacagccuccuagcuuucc**uuugggucuugcacuaaacaacaugg

.....ugagguaguagguuguGua.....	9	1	Z1_
.....ugaggAaguagguuguaua.....	1	1	Z1_
.....ugGgguaguagguuguaua.....	3	1	Z1_
.....uAagguaguagguuguaua.....	2	1	Z1_
.....ugagguaguaAguuguaua.....	1	1	Z1_
.....ugagguaAuagguuguaua.....	2	1	Z1_
.....ugagguaguaggCuguaua.....	3	1	Z1_
.....ugagguaguagguuguaGa.....	1	1	Z1_
.....ugagguaguagguCguaua.....	5	1	Z1_
.....ugagguaguagguuguauaC.....	7	1	Z1_
.....ugagguaguagguuguGuag.....	13	1	Z1_
.....ugagguaguagguCguauag.....	19	1	Z1_
.....ugagguCguagguuguauag.....	2	1	Z1_
.....ugagguaguagguuguauUg.....	1	1	Z1_
.....ugagguaguagguuguUuag.....	2	1	Z1_
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.....Ngagguaguagguuguauag.....	1	1	Z1_
.....ugagguaguagguuguauaU.....	7	1	Z1_
.....ugagguaguagUuuguauag.....	3	1	Z1_
.....ugagguaguaUguuguauag.....	1	1	Z1_
.....Cgagguaguagguuguauag.....	11	1	Z1_
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.....ugagguaguagguuguauag.....	2669	0	Z1_
.....ugagguaguaggCuguauag.....	7	1	Z1_
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.....ugagguaguaggAuguauag.....	2	1	Z1_
.....uAagguaguagguuguauag.....	3	1	Z1_
.....ugagAuaguagguuguauag.....	6	1	Z1_
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.....ugagguaUuagguuguauag.....	1	1	Z1_
.....ugagguaguagguuguaCag.....	5	1	Z1_
.....ugCgguaguagguuguauag.....	1	1	Z1_
.....ugaAguaguagguuguauag.....	1	1	Z1_
.....Ggagguaguagguuguauag.....	4	1	Z1_
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.....ugagguagAagguuguauag.....	1	1	Z1_
.....ugaggAaguagguuguauag.....	1	1	Z1_
.....ugagguaguagguuguauCg.....	1	1	Z1_
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.....ugagguaguagguuUuauag.....	2	1	Z1_
.....ugagguagCagguuguauag.....	5	1	Z1_
.....uNagguaguagguuguauag.....	1	1	Z1_
.....ugagguaguagguuguaAag.....	2	1	Z1_
.....ugagguGguagguuguauag.....	9	1	Z1_
.....ugagguaguagguuguauaA.....	116	1	Z1_
.....Agagguaguagguuguauag.....	5	1	Z1_
.....ugagguaguagguugCauag.....	10	1	Z1_
.....ugagguaAuagguuguauag.....	3	1	Z1_
.....ugaggCaguagguuguauag.....	8	1	Z1_
.....uNagguaguagguuguauagu.....	6	1	Z1_
.....ugagguaguagguuUuauagu.....	6	1	Z1_
.....ugagAuaguagguuguauagu.....	24	1	Z1_
.....ugagguaguagguuguauagG.....	111	1	Z1_
.....ugagguaguGgguuguauagu.....	104	1	Z1_
.....ugagguaguagguuguaCagu.....	92	1	Z1_
.....uCagguaguagguuguauagu.....	2	1	Z1_
.....ugagguCguagguuguauagu.....	26	1	Z1_
.....ugaUguaguagguuguauagu.....	2	1	Z1_
.....Ngagguaguagguuguauagu.....	10	1	Z1_
.....ugagguaguagguuguauagC.....	2118	1	Z1_
.....Cgagguaguagguuguauagu.....	166	1	Z1_
.....ugagguaguagguuguauagu.....	31172	0	Z1_
.....ugagguaguagguuguCuagu.....	1	1	Z1_
.....uAagguaguagguuguauagu.....	52	1	Z1_
.....ugagguaUuagguuguauagu.....	8	1	Z1_
.....ugagUuaguagguuguauagu.....	3	1	Z1_
.....ugagguaguUgguuguauagu.....	18	1	Z1_

Mature Star

gugacugcaugcucccaggu**ugagguaguaggguuguauagu**uuagaauuacaucaagggagauaac**uguacagccuccuagcuuucc**uuggucuugcacuaaacaacaugg

.....ugagguaguaggGuguauagu.....	11	1	Z1_
.....ugagguaAuagguuguauagu.....	25	1	Z1_
.....ugagguaguagguuguauCgu.....	9	1	Z1_
.....ugagguaguagguugCauagu.....	95	1	Z1_
.....ugagguaguaggCuguauagu.....	164	1	Z1_
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.....ugGgguaguagguuguauagu.....	189	1	Z1_
.....ugagguaguaNguuguauagu.....	2	1	Z1_
.....ugaNguaguagguuguauagu.....	7	1	Z1_
.....ugagguagAagguuguauagu.....	29	1	Z1_
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.....ugaggNaguagguuguauagu.....	6	1	Z1_
.....ugagguaguagguuCuauagu.....	3	1	Z1_
.....ugagguaguagguGguauagu.....	6	1	Z1_
.....ugagguaguagguuAuauagu.....	41	1	Z1_
.....ugagguaguagCuuguauagu.....	2	1	Z1_
.....ugagguaguaggAuguauagu.....	16	1	Z1_
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.....ugagguaguagguuguauaAu.....	34	1	Z1_
.....ugaAguaguagguuguauagu.....	48	1	Z1_
.....ugagguGguagguuguauagu.....	95	1	Z1_
.....ugagguaguaggNuguauagu.....	1	1	Z1_
.....ugagguaCuagguuguauagu.....	1	1	Z1_
.....ugagguaguagguugAauagu.....	8	1	Z1_
.....ugagguaguCgguuguauagu.....	4	1	Z1_
.....ugagguaguaUguuguauagu.....	1	1	Z1_
.....ugagguaguagguuguUuagu.....	12	1	Z1_
.....ugagguaguagguuguGuagu.....	145	1	Z1_
.....uUagguaguagguuguauagu.....	3	1	Z1_
.....Agagguaguagguuguauagu.....	73	1	Z1_
.....ugaggAaguagguuguauagu.....	14	1	Z1_
.....ugaggGaguagguuguauagu.....	18	1	Z1_
.....ugagguaguagUuuguauagu.....	170	1	Z1_
.....ugagguaguagguuguaAagu.....	23	1	Z1_
.....ugagguaguagguuguauagA.....	314	1	Z1_
.....ugUgguaguagguuguauagu.....	26	1	Z1_
.....ugagguaguagguuguauUgu.....	30	1	Z1_
.....ugagguaguaAguuguauagu.....	44	1	Z1_
.....ugaggCaguagguuguauagu.....	91	1	Z1_
.....ugagguaguagguCguauagu.....	187	1	Z1_
.....Ggagguaguagguuguauagu.....	64	1	Z1_
.....ugagCuaguagguuguauagu.....	4	1	Z1_
.....ugagguaguaCguuguauagu.....	2	1	Z1_
.....ugagguagCagguuguauagu.....	89	1	Z1_
.....ugagguaguagguuguauaCu.....	2	1	Z1_
.....ugagguaguagguAguauagu.....	31	1	Z1_
.....ugagguaguagguuguauaguA.....	394	1	Z1_
.....ugGgguaguagguuguauaguu.....	167	1	Z1_
.....ugagguaguagguugCauaguu.....	109	1	Z1_
.....uUagguaguagguuguauaguu.....	8	1	Z1_
.....ugagguaguagguuguauaUuu.....	2	1	Z1_
.....ugagguaCuagguuguauaguu.....	3	1	Z1_
.....ugagguaguagguuguauagGu.....	40	1	Z1_
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.....ugagguUguagguuguauaguu.....	14	1	Z1_
.....ugaNguaguagguuguauaguu.....	6	1	Z1_
.....ugagguaguagguuguauaguu.....	26406	0	Z1_
.....ugagguaguagguuguauaAuu.....	15	1	Z1_
.....ugagguaguagCuuguauaguu.....	13	1	Z1_
.....ugCgguaguagguuguauaguu.....	10	1	Z1_
.....ugagguaguagguuguCuaguu.....	1	1	Z1_
.....ugaggGaguagguuguauaguu.....	28	1	Z1_
.....ugaggCaguagguuguauaguu.....	85	1	Z1_
.....ugagguaguaggCuguauaguu.....	105	1	Z1_
.....ugagguaguaAguuguauaguu.....	27	1	Z1_
.....ugagguaguagguuguauaCuu.....	1	1	Z1_
.....ugagguaguagguuguauaguC.....	2241	1	Z1_
.....ugagguaAuagguuguauaguu.....	25	1	Z1_
.....ugagguagAagguuguauaguu.....	23	1	Z1_

Mature Star

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.....ugagguaguagguAguauaguu.....	27	1	Z1_
.....ugagguaguagguugGauaguu.....	5	1	Z1_
.....ugaAguaguagguuguauaguu.....	53	1	Z1_
.....ugagguGguagguuguauaguu.....	74	1	Z1_
.....ugagguaguagguuguGuaguu.....	180	1	Z1_
.....ugagguaguagguuguauCguu.....	3	1	Z1_
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.....ugagguaguagguuguUuaguu.....	4	1	Z1_
.....ugaCguaguagguuguauaguu.....	2	1	Z1_
.....ugagguaguGgguuguauaguu.....	97	1	Z1_
.....ugagguaUuagguuguauaguu.....	9	1	Z1_
.....ugagguaguUgguuguauaguu.....	18	1	Z1_
.....ugagguaguagUuuguauaguu.....	221	1	Z1_
.....ugagguaguagguCguauaguu.....	124	1	Z1_
.....ugagguaguagguuguauUguu.....	15	1	Z1_
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.....ugagguagCagguuguauaguu.....	66	1	Z1_
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.....Cgagguaguagguuguauaguu.....	131	1	Z1_
.....ugagguaguCgguuguauaguu.....	4	1	Z1_
.....ugaggAaguagguuguauaguu.....	5	1	Z1_
.....ugagguaguagguuguaCaguu.....	160	1	Z1_
.....ugagguCguagguuguauaguu.....	31	1	Z1_
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.....uNagguaguagguuguauaguu.....	7	1	Z1_
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.....uAagguaguagguuguauaguu.....	42	1	Z1_
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.....ugagguaguagguugAauaguu.....	16	1	Z1_
.....ugagguaguagguGguauaguu.....	11	1	Z1_
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.....ugagguaguagguuguauagAu.....	15	1	Z1_
.....ugagguaguagguuguaAaguu.....	14	1	Z1_
.....ugagguaguagguuguauaguG.....	111	1	Z1_
.....Ngagguaguagguuguauaguu.....	11	1	Z1_
.....ugagAuaguagguuguauaguu.....	39	1	Z1_
.....ugagguaguagguuguauagCu.....	129	1	Z1_
.....ugagguaguagguuUuauaguu.....	3	1	Z1_
.....ugGgguaguagguuguauaguuu.....	3	1	Z1_
.....ugagguaguagguuguauagCuu.....	4	1	Z1_
.....ugagguaguagUuuguauaguuu.....	5	1	Z1_
.....ugagguaguagguCguauaguuu.....	1	1	Z1_
.....Agagguaguagguuguauaguuu.....	2	1	Z1_
.....ugaggGaguagguuguauaguuu.....	2	1	Z1_
.....ugagguagGagguuguauaguuu.....	10	1	Z1_
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.....Cgagguaguagguuguauaguuu.....	3	1	Z1_
.....ugagguUguagguuguauaguuu.....	1	1	Z1_
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.....ugagguaguagguuguauaguuA.....	167	1	Z1_
.....ugagguaguagguuguauaguAu.....	2	1	Z1_
.....ugagAuaguagguuguauaguuu.....	1	1	Z1_
.....ugaggCaguagguuguauaguuu.....	5	1	Z1_
.....ugagguaguUgguuguauaguuu.....	1	1	Z1_
.....ugagguaguagguuguauaguuC.....	27	1	Z1_
.....ugagguaguagguuguauaguuG.....	87	1	Z1_
.....ugagguaguagguuguGuaguuua.....	1	1	Z1_
.....ugagguaguagguuguauaguuAa.....	8	1	Z1_
.....ugagguaguagguuguauaguuGa.....	4	1	Z1_
.....ugagguaguagguuguauaguuua.....	3	0	Z1_
.....ugagguaguagAuuguauaguuua.....	1	1	Z1_
.....ugagguaguagguuguauaguuuaU.....	1	1	Z1_
.....ugagguaguagguuguauaguuAaga.....	2	1	Z1_
.....gagguaguagguuguaua.....	1	0	Z1_
.....Uagguaguagguuguauagu.....	1	1	Z1_
.....gagguaguagguuguauagC.....	1	1	Z1_

Mature Star

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.....gagguaguagguuguauagu.....	2	0	Z1_
.....gagguaguagguuguauaguu.....	6	0	Z1_
.....gagguaguagguuguauaguC.....	1	1	Z1_
.....agguaguagguuguauaguC.....	1	1	Z1_
.....agguaguagguuguauaguu.....	2	0	Z1_
.....gguaguagguuguauagu.....	2	0	Z1_
.....gguaguagguuguauaguu.....	2	0	Z1_
.....guugagguaguagguuguauaguu.....	3	0	GDM
.....Cugagguaguagguuguauag.....	3	1	GDM
.....Cugagguaguagguuguauagu.....	11	1	GDM
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.....ugaggGaguagguuguau.....	2	1	GDM
.....ugagguaguagguuguaA.....	159	1	GDM
.....ugagguaguaUguuguau.....	3	1	GDM
.....ugagguGguagguuguau.....	38	1	GDM
.....ugaUguaguagguuguau.....	4	1	GDM
.....ugagguaguagguuguaA.....	159	1	GDM
.....ugaAguaguagguuguau.....	9	1	GDM
.....ugagAuaguagguuguau.....	9	1	GDM
.....ugagguaguagguuguaG.....	51	1	GDM
.....ugGgguaguagguuguau.....	47	1	GDM
.....uCagguaguagguuguau.....	1	1	GDM
.....ugagguCguagguuguau.....	3	1	GDM
.....ugagguaguagguuCuau.....	2	1	GDM
.....ugagguagAagguuguau.....	9	1	GDM
.....Ggagguaguagguuguau.....	9	1	GDM
.....ugagguCguagguuguau.....	3	1	GDM
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.....Ngagguaguagguuguau.....	2	1	GDM
.....ugagguaguaggCuguau.....	33	1	GDM
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.....ugagguagCagguuguau.....	24	1	GDM
.....ugagAuaguagguuguau.....	9	1	GDM
.....ugagguaguagCuuguau.....	15	1	GDM
.....Agagguaguagguuguau.....	26	1	GDM
.....ugagguaguagguugCau.....	33	1	GDM
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.....ugagguaguagCuuguau.....	15	1	GDM
.....ugagguaguagguuguau.....	7510	0	GDM
.....ugagguaguagguuCuau.....	2	1	GDM
.....ugGgguaguagguuguau.....	47	1	GDM
.....Agagguaguagguuguau.....	26	1	GDM
.....ugagguaguaggGuguau.....	2	1	GDM
.....ugagguaguagguuguaG.....	51	1	GDM
.....ugagguaguagguugGau.....	1	1	GDM
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.....Cgagguaguagguuguau.....	36	1	GDM
.....Ggagguaguagguuguau.....	9	1	GDM
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.....uUagguaguagguuguau.....	2	1	GDM
.....ugagguagAagguuguau.....	9	1	GDM
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.....ugagguaguagguugCau.....	33	1	GDM
.....ugUgguaguagguuguau.....	10	1	GDM
.....ugagguaguagguugAau.....	1	1	GDM
.....ugagguaguUgguuguau.....	1	1	GDM
.....uAagguaguagguuguau.....	15	1	GDM
.....ugagguaguagUuuguau.....	1887	1	GDM
.....Agagguaguagguuguau.....	26	1	GDM
.....uAagguaguagguuguau.....	15	1	GDM
.....ugaAguaguagguuguau.....	9	1	GDM
.....ugUgguaguagguuguau.....	10	1	GDM
.....ugagguaguagguAguau.....	2	1	GDM

Mature Star

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.....ugagguaguagguCguau.....	36	1	GDM
.....ugagguaguGgguuguau.....	23	1	GDM
.....uNagguaguagguuguau.....	3	1	GDM
.....ugagguaguaggAuguau.....	13	1	GDM
.....ugaAguaguagguuguau.....	9	1	GDM
.....ugagAuaguagguuguau.....	9	1	GDM
.....ugagguaguagguuguaG.....	51	1	GDM
.....ugagguaguGgguuguau.....	23	1	GDM
.....ugagguaguaggAuguau.....	13	1	GDM
.....Cgagguaguagguuguau.....	36	1	GDM
.....ugaggCaguagguuguau.....	27	1	GDM
.....ugagguGguagguuguau.....	38	1	GDM
.....ugagguaguaggCuguau.....	33	1	GDM
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.....ugagguaguagguuguau.....	7510	0	GDM
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.....ugUgguaguagguuguau.....	10	1	GDM
.....ugagguaguagguuAuau.....	12	1	GDM
.....ugagguaAuagguuguau.....	15	1	GDM
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.....ugaggAaguagguuguau.....	3	1	GDM
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.....ugagguaguagguuguaA.....	159	1	GDM
.....Cgagguaguagguuguau.....	36	1	GDM
.....ugagguaguagUuuguau.....	1887	1	GDM
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.....ugagguaguCgguuguaua.....	2	1	GDM
.....ugagguaguagguuguaua.....	1696	0	GDM
.....ugagguaguagUuuguaua.....	11	1	GDM
.....ugagguGguagguuguaua.....	7	1	GDM
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.....ugagguaguagguuguGua.....	34	1	GDM
.....ugagguaguagguuguauU.....	9	1	GDM
.....ugagguaguaggCuguaua.....	11	1	GDM
.....ugaggCaguagguuguaua.....	7	1	GDM
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.....ugagguaguagguCguaua.....	9	1	GDM
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.....ugagguaguagguuguaCa.....	9	1	GDM
.....ugagguaguagguuguGua.....	34	1	GDM
.....ugagguaguagguuguauU.....	9	1	GDM
.....Cgagguaguagguuguaua.....	11	1	GDM
.....ugGgguaguagguuguaua.....	11	1	GDM
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Mature Star

gugacugcaugcucccaggu**ugagguaguagguuguauagu**uuagaauuacaucaagggagauaac**uguacagccuccuagcuuucc**uuugggucuugcacuaaacaacaugg

.....Ggagguaguagguuguaua.....	1	1	GDM
.....ugagguaguagguAguaua.....	5	1	GDM
.....ugagguaguUgguuguaua.....	1	1	GDM
.....ugagAuaguagguuguaua.....	4	1	GDM
.....ugagguaguagguAguaua.....	5	1	GDM
.....ugUgguaguagguuguaua.....	3	1	GDM
.....ugaggCaguagguuguaua.....	7	1	GDM
.....ugagguaguagguugCaua.....	4	1	GDM
.....ugagguaguagguuAuaua.....	2	1	GDM
.....ugGgguaguagguuguaua.....	11	1	GDM
.....ugagguaguagguCguaua.....	9	1	GDM
.....ugagguaguagUuuguaua.....	11	1	GDM
.....ugagguaguaAguuguaua.....	3	1	GDM
.....ugagguaguagguuguaCa.....	9	1	GDM
.....ugagguagCagguuguaua.....	2	1	GDM
.....ugagguagAagguuguaua.....	1	1	GDM
.....Ngagguaguagguuguaua.....	1	1	GDM
.....ugagguaUuagguuguaua.....	1	1	GDM
.....Agagguaguagguuguaua.....	2	1	GDM
.....ugagguagCagguuguaua.....	2	1	GDM
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.....ugagguaguGgguuguaua.....	3	1	GDM
.....ugagguaguaAguuguaua.....	3	1	GDM
.....ugagguaguagguuguGua.....	34	1	GDM
.....ugagguaguaggGuguaua.....	2	1	GDM
.....uAagguaguagguuguaua.....	1	1	GDM
.....ugagguaguagguuguaua.....	1696	0	GDM
.....ugagguaguagguuguaua.....	1696	0	GDM
.....Cgagguaguagguuguaua.....	11	1	GDM
.....ugagguaguaggCuguaua.....	11	1	GDM
.....ugaAguaguagguuguaua.....	3	1	GDM
.....ugagguaAuagguuguaua.....	2	1	GDM
.....ugagguaguagguuguaGa.....	1	1	GDM
.....ugagguaguagguuguaCa.....	9	1	GDM
.....ugagguaguaggAuguaua.....	1	1	GDM
.....ugagguaguGgguuguaua.....	3	1	GDM
.....ugagguaguaAguuguaua.....	3	1	GDM
.....ugaUguaguagguuguaua.....	1	1	GDM
.....ugagguaguGgguuguaua.....	3	1	GDM
.....ugagguaguagNuuguaua.....	1	1	GDM
.....ugagguaguagguuguaAag.....	9	1	GDM
.....ugaggAaguagguuguauag.....	5	1	GDM
.....ugagguaguagguuguauCg.....	52	1	GDM
.....ugaUguaguagguuguauag.....	5	1	GDM
.....ugagguagAagguuguauag.....	8	1	GDM
.....ugagguaguaggCuguauag.....	39	1	GDM
.....ugagAuaguagguuguauag.....	11	1	GDM
.....Ggagguaguagguuguauag.....	10	1	GDM
.....ugaggGaguagguuguauag.....	3	1	GDM
.....Ggagguaguagguuguauag.....	10	1	GDM
.....ugagguaguCgguuguauag.....	2	1	GDM
.....ugagguaguagguuguUuag.....	10	1	GDM
.....ugaUguaguagguuguauag.....	5	1	GDM
.....ugagguaguagguuAuauag.....	9	1	GDM
.....ugagguaguUgguuguauag.....	2	1	GDM
.....ugagguaguagguuguCuag.....	4	1	GDM
.....ugaggAaguagguuguauag.....	5	1	GDM
.....ugagguaguaggAuguauag.....	7	1	GDM
.....uAagguaguagguuguauag.....	11	1	GDM
.....uUagguaguagguuguauag.....	2	1	GDM
.....ugagguaguagguCguauag.....	49	1	GDM
.....ugagguaguagguAguauag.....	12	1	GDM
.....ugagguaguagUuuguauag.....	29	1	GDM
.....uNagguaguagguuguauag.....	1	1	GDM
.....ugagguaguGgguuguauag.....	26	1	GDM
.....ugagguaguagguCguauag.....	49	1	GDM
.....ugagguaguagguuguauaA.....	480	1	GDM
.....Agagguaguagguuguauag.....	22	1	GDM
.....ugagguaguGgguuguauag.....	26	1	GDM
.....ugUgguaguagguuguauag.....	17	1	GDM

Mature Star

gugacugcaugcucccaggu**ugagguaguaggguuguauagu**uuagaauuacaucaagggagauaac**uguacagccuccuagcuuucc**uuugggucuugcacuaaacaacaugg

.....ugagguaguaggguugAauag.....	1	1	GDM
.....ugGgguaguaggguuguauag.....	45	1	GDM
.....ugagguaguaggguuguauaU.....	48	1	GDM
.....ugagguaguaUguuguauag.....	2	1	GDM
.....ugGgguaguaggguuguauag.....	45	1	GDM
.....ugagguCguaggguuguauag.....	1	1	GDM
.....ugagAuaguaggguuguauag.....	11	1	GDM
.....ugagguaguCgguuguauag.....	2	1	GDM
.....ugagguGguaggguuguauag.....	24	1	GDM
.....ugagguaguaAguuguauag.....	19	1	GDM
.....ugagguaguagguAguauag.....	12	1	GDM
.....ugagguGguaggguuguauag.....	24	1	GDM
.....ugagguaguaggguuguauaC.....	34	1	GDM
.....ugagUuaguaggguuguauag.....	9	1	GDM
.....ugaCguaguaggguuguauag.....	2	1	GDM
.....ugagguaguaggguuguauCg.....	52	1	GDM
.....ugagguagCagguuguauag.....	39	1	GDM
.....ugagguaguaggguuguauaC.....	34	1	GDM
.....Cgagguaguaggguuguauag.....	47	1	GDM
.....ugagguagAagguuguauag.....	8	1	GDM
.....ugGgguaguaggguuguauag.....	45	1	GDM
.....ugagAuaguaggguuguauag.....	11	1	GDM
.....ugaggCaguaggguuguauag.....	34	1	GDM
.....ugagguaguaggguuguaCag.....	22	1	GDM
.....ugagguaguaggguAguauag.....	12	1	GDM
.....ugagguaguaggguuguGuag.....	46	1	GDM
.....ugagguaguaggguuguaGag.....	6	1	GDM
.....ugagguaguaggguugCauag.....	27	1	GDM
.....ugagguaguaggguugGauag.....	2	1	GDM
.....Ggagguaguaggguuguauag.....	10	1	GDM
.....ugUgguaguaggguuguauag.....	17	1	GDM
.....uAagguaguaggguuguauag.....	11	1	GDM
.....ugagguaguagUuuguauag.....	29	1	GDM
.....ugUgguaguaggguuguauag.....	17	1	GDM
.....ugaggCaguaggguuguauag.....	34	1	GDM
.....ugagguaguaggguuguaCag.....	22	1	GDM
.....ugagguaguGgguuguauag.....	26	1	GDM
.....ugaAguaguaggguuguauag.....	22	1	GDM
.....ugaNguaguaggguuguauag.....	2	1	GDM
.....ugagguaguaggguuguauCg.....	52	1	GDM
.....ugagguaguaggguugCauag.....	27	1	GDM
.....ugagguaCuaggguuguauag.....	1	1	GDM
.....ugagguaguaggCuguauag.....	39	1	GDM
.....ugagguaguaggguuguauag.....	9619	0	GDM
.....ugagguaguaggguuguGuag.....	46	1	GDM
.....ugagCuaguaggguuguauag.....	1	1	GDM
.....ugagguaguagCuuguauag.....	1	1	GDM
.....Cgagguaguaggguuguauag.....	47	1	GDM
.....ugagguaguaAguuguauag.....	19	1	GDM
.....ugagguaguaggguugCauag.....	27	1	GDM
.....ugagguaguaggGuguauag.....	2	1	GDM
.....ugaUguaguaggguuguauag.....	5	1	GDM
.....ugagguaguaggguuguauUg.....	13	1	GDM
.....ugagguagCagguuguauag.....	39	1	GDM
.....ugagguaguUgguuguauag.....	2	1	GDM
.....ugagguaguaggguuguauUg.....	13	1	GDM
.....ugagguaguagguGguauag.....	1	1	GDM
.....ugagguaguagguuguUuag.....	10	1	GDM
.....ugagguaguaggguuguauaA.....	480	1	GDM
.....ugaggCaguaggguuguauag.....	34	1	GDM
.....ugagguGguaggguuguauag.....	24	1	GDM
.....ugagguaAuaggguuguauag.....	9	1	GDM
.....ugagguagAagguuguauag.....	8	1	GDM
.....ugagguaguaggguuguauag.....	9619	0	GDM
.....ugagguaguaggguuguauUg.....	13	1	GDM
.....ugagguaguaggguuguaGag.....	6	1	GDM
.....ugagguaguaggguuguauag.....	9619	0	GDM
.....Agagguaguaggguuguauag.....	22	1	GDM
.....ugagguaguagguuguCuag.....	4	1	GDM
.....Ngagguaguaggguuguauag.....	1	1	GDM

Mature Star

gugacugcaugcucccaggu**ugagguaguagguuguauagu**uuagaauuacaucaagggagauaac**uguacagccuccuagcuuucc**uuggucuugcacuaaacaacaugg

.....ugagguaguagguuguauaA.....	480	1	GDM
.....ugagguaguagguuguGuag.....	46	1	GDM
.....ugagguaAuagguuguauag.....	9	1	GDM
.....ugagguaguagguuguauaU.....	48	1	GDM
.....ugaAguaguagguuguauag.....	22	1	GDM
.....ugagguaUuagguuguauag.....	2	1	GDM
.....ugaggNaguagguuguauag.....	1	1	GDM
.....Agagguaguagguuguauag.....	22	1	GDM
.....ugagguaguagguuAuauag.....	9	1	GDM
.....ugagguagCagguuguauag.....	39	1	GDM
.....ugagguaguagguuguauaU.....	48	1	GDM
.....ugagguaguagguuguaCag.....	22	1	GDM
.....Cgagguaguagguuguauag.....	47	1	GDM
.....ugCgguaguagguuguauag.....	3	1	GDM
.....ugagguaAuagguuguauag.....	9	1	GDM
.....ugagguaguaggGuguauag.....	2	1	GDM
.....ugagguaguagguuguCuag.....	4	1	GDM
.....ugaAguaguagguuguauag.....	22	1	GDM
.....uAagguaguagguuguauag.....	11	1	GDM
.....ugagguaguaggAuguauag.....	7	1	GDM
.....ugagguaguagguuCuauag.....	1	1	GDM
.....ugagguaguagguugGauag.....	2	1	GDM
.....ugagguaguagUuuguauag.....	29	1	GDM
.....ugagguaguaAguuguauag.....	19	1	GDM
.....ugagguaguagguuguaAag.....	9	1	GDM
.....ugagguaguagguuguaAag.....	9	1	GDM
.....ugCgguaguagguuguauag.....	3	1	GDM
.....ugagguaguagguuguauaC.....	34	1	GDM
.....ugagguaguagguuAuauag.....	9	1	GDM
.....ugagguaguaggAuguauag.....	7	1	GDM
.....ugagguaguagguCguauag.....	49	1	GDM
.....uUagguaguagguuguauag.....	2	1	GDM
.....ugaggGaguagguuguauag.....	3	1	GDM
.....ugagguaguaUguuguauag.....	2	1	GDM
.....ugagguaguaggCuguauag.....	39	1	GDM
.....ugagguaguagguuguUuag.....	10	1	GDM
.....ugagguaguagCuuguauagu.....	57	1	GDM
.....ugagguaguUgguuguauagu.....	66	1	GDM
.....ugagguaUuagguuguauagu.....	26	1	GDM
.....ugagguaguGgguuguauagu.....	261	1	GDM
.....Ggagguaguagguuguauagu.....	87	1	GDM
.....ugagguaguagNuuguauagu.....	4	1	GDM
.....uNagguaguagguuguauagu.....	20	1	GDM
.....uNagguaguagguuguauagu.....	20	1	GDM
.....ugUgguaguagguuguauagu.....	108	1	GDM
.....ugagguaguagguuguaCagu.....	277	1	GDM
.....ugagguaguagguuguCuagu.....	8	1	GDM
.....ugagguCguagguuguauagu.....	28	1	GDM
.....ugagguaguagguuguauUgu.....	67	1	GDM
.....ugagAuaguagguuguauagu.....	76	1	GDM
.....ugagguaguaNguuguauagu.....	1	1	GDM
.....uNagguaguagguuguauagu.....	20	1	GDM
.....ugagguaguagguuAuauagu.....	121	1	GDM
.....ugagguaguagNuuguauagu.....	4	1	GDM
.....ugagCuaguagguuguauagu.....	12	1	GDM
.....ugagguaguUgguuguauagu.....	66	1	GDM
.....ugagguaguagguuguauUgu.....	67	1	GDM
.....ugUgguaguagguuguauagu.....	108	1	GDM
.....ugaUguaguagguuguauagu.....	16	1	GDM
.....ugagguaguagguuguauaAu.....	67	1	GDM
.....ugagguaguagguuguauaCu.....	16	1	GDM
.....ugagguaguGgguuguauagu.....	261	1	GDM
.....ugagguaguagguuguGuagu.....	294	1	GDM
.....ugagguaguagguGguauagu.....	26	1	GDM
.....ugagguaguagguugCauagu.....	239	1	GDM
.....ugagAuaguagguuguauagu.....	76	1	GDM
.....ugagUuaguagguuguauagu.....	9	1	GDM
.....ugagguaguagguuCuauagu.....	8	1	GDM
.....ugagguaguagguuguaCagu.....	277	1	GDM
.....ugagguaguagguugGauagu.....	12	1	GDM

Mature Star

gugacugcaugcucccaggu**ugagguaguagguuguauagu**uuagaauuacaucaagggagauaac**uguacagccuccuagcuuucc**uuugggucuugcacuaaacaacaugg

.....ugagguaguaggAuguauagu.....	56	1	GDM
.....ugagguaAuagguuguauagu.....	68	1	GDM
.....ugagguaguagguCguauagu.....	410	1	GDM
.....ugagguaguagguuguauCgu.....	12	1	GDM
.....uCagguaguagguuguauagu.....	7	1	GDM
.....ugagCuaguagguuguauagu.....	12	1	GDM
.....ugagguaguagguugGauagu.....	12	1	GDM
.....uAagguaguagguuguauagu.....	121	1	GDM
.....ugagguaguagUuuguauagu.....	542	1	GDM
.....ugagguaguagguuguauagG.....	297	1	GDM
.....ugagguaguaAguuguauagu.....	96	1	GDM
.....ugagguCguagguuguauagu.....	28	1	GDM
.....ugagguaUuagguuguauagu.....	26	1	GDM
.....ugagguaguagguuguaAagu.....	57	1	GDM
.....Ngagguaguagguuguauagu.....	10	1	GDM
.....ugagguGguagguuguauagu.....	273	1	GDM
.....uCagguaguagguuguauagu.....	7	1	GDM
.....ugagguaguaggAuguauagu.....	56	1	GDM
.....ugagguaCuagguuguauagu.....	10	1	GDM
.....ugaggNaguagguuguauagu.....	3	1	GDM
.....ugagguagAagguuguauagu.....	81	1	GDM
.....uAagguaguagguuguauagu.....	121	1	GDM
.....ugUgguaguagguuguauagu.....	108	1	GDM
.....ugagguaguaUguuguauagu.....	25	1	GDM
.....ugaAguaguagguuguauagu.....	103	1	GDM
.....ugGgguaguagguuguauagu.....	484	1	GDM
.....ugagguaguagguuguUuagu.....	47	1	GDM
.....ugagguaguagguuguauagC.....	5278	1	GDM
.....ugagguaguUgguuguauagu.....	66	1	GDM
.....ugagguaguagguuguaCagu.....	277	1	GDM
.....ugagguagCagguuguauagu.....	195	1	GDM
.....ugagguaguagguuguauagu.....	75654	0	GDM
.....ugaggCaguagguuguauagu.....	215	1	GDM
.....ugagCuaguagguuguauagu.....	12	1	GDM
.....ugagguaguagguuguauCgu.....	12	1	GDM
.....ugagguaguagguugAauagu.....	53	1	GDM
.....ugagguaguagguuguaGagu.....	20	1	GDM
.....ugagguaguagguGguauagu.....	26	1	GDM
.....ugagguagAagguuguauagu.....	81	1	GDM
.....Ggagguaguagguuguauagu.....	87	1	GDM
.....ugagguaUuagguuguauagu.....	26	1	GDM
.....ugagguaguagguuUuauagu.....	9	1	GDM
.....ugagguaguagguuguauaCu.....	16	1	GDM
.....ugagguaguagguuguauaUu.....	28	1	GDM
.....Cgagguaguagguuguauagu.....	367	1	GDM
.....Agagguaguagguuguauagu.....	210	1	GDM
.....ugagguaguagguuguauagu.....	75654	0	GDM
.....ugagguaguagguuCuauagu.....	8	1	GDM
.....ugagguaguaggCuguauagu.....	379	1	GDM
.....ugagguaguagCuuguauagu.....	57	1	GDM
.....ugagguaguagCuuguauagu.....	57	1	GDM
.....ugagguaCuagguuguauagu.....	10	1	GDM
.....ugagguaguaUguuguauagu.....	25	1	GDM
.....ugagguaguagguuguUuagu.....	47	1	GDM
.....ugagguaguagNuuguauagu.....	4	1	GDM
.....Ngagguaguagguuguauagu.....	10	1	GDM
.....ugagguagCagguuguauagu.....	195	1	GDM
.....ugagguaguaCguuguauagu.....	4	1	GDM
.....ugagguaguaAguuguauagu.....	96	1	GDM
.....ugagguaguagguGguauagu.....	26	1	GDM
.....Cgagguaguagguuguauagu.....	367	1	GDM
.....ugagguaguaggCuguauagu.....	379	1	GDM
.....ugagguaguagguugCauagu.....	239	1	GDM
.....ugagguaguagguugAauagu.....	53	1	GDM
.....ugagguaguagguuguauagA.....	1206	1	GDM
.....ugagguaguaggGuguauagu.....	23	1	GDM
.....ugagguaguagguAguauagu.....	100	1	GDM
.....ugaggGaguagguuguauagu.....	33	1	GDM
.....ugagguaguaCguuguauagu.....	4	1	GDM
.....ugagguagCagguuguauagu.....	195	1	GDM

Mature Star

gugacugcaugcucccaggu**ugagguaguaggguuguauagu**uuagaauuacaucaagggagauaac**uguacagccuccuagcuuucc**uuggucuugcacuaaacaacaugg

.....ugagguaguCgguuguauagu.....	11	1	GDM
.....ugagguaguagguCguauagu.....	410	1	GDM
.....ugagguaguagguuguauaAu.....	67	1	GDM
.....ugCgguaguagguuguauagu.....	20	1	GDM
.....ugaNguaguagguuguauagu.....	9	1	GDM
.....ugagguaguagguugGauagu.....	12	1	GDM
.....ugagguaAuagguuguauagu.....	68	1	GDM
.....ugaUguaguagguuguauagu.....	16	1	GDM
.....Cgagguaguagguuguauagu.....	367	1	GDM
.....ugagguaAuagguuguauagu.....	68	1	GDM
.....ugagguaguagguAguauagu.....	100	1	GDM
.....ugagguaguagUuuguauagu.....	542	1	GDM
.....ugagguaCuagguuguauagu.....	10	1	GDM
.....uAagguaguagguuguauagu.....	121	1	GDM
.....ugaNguaguagguuguauagu.....	9	1	GDM
.....ugagguaguagguuguauaCu.....	16	1	GDM
.....ugagguaguagguuAuauagu.....	121	1	GDM
.....uUagguaguagguuguauagu.....	14	1	GDM
.....uUagguaguagguuguauagu.....	14	1	GDM
.....ugagguaguagguuguauagu.....	75654	0	GDM
.....uUagguaguagguuguauagu.....	14	1	GDM
.....ugaggCaguagguuguauagu.....	215	1	GDM
.....ugaggAaguagguuguauagu.....	55	1	GDM
.....ugagguaguaAguuguauagu.....	96	1	GDM
.....ugagguGguagguuguauagu.....	273	1	GDM
.....ugagguaguagguAguauagu.....	100	1	GDM
.....ugaggNaguagguuguauagu.....	3	1	GDM
.....ugaNguaguagguuguauagu.....	9	1	GDM
.....ugagguaguagguuguauagA.....	1206	1	GDM
.....ugagguaguagguuAuauagu.....	121	1	GDM
.....ugGgguaguagguuguauagu.....	484	1	GDM
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.....ugagguaguagguuguaAagu.....	57	1	GDM
.....ugCgguaguagguuguauagu.....	20	1	GDM
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.....ugagguaguagguCguauagu.....	410	1	GDM
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.....ugagguaguagguugAauagu.....	53	1	GDM
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.....ugagguaguagguuguauagG.....	297	1	GDM
.....Ngagguaguagguuguauagu.....	10	1	GDM
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.....ugagguCguagguuguauagu.....	28	1	GDM
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.....ugagguaguagguuguGuagu.....	294	1	GDM
.....ugagguaguagguuguUuagu.....	47	1	GDM
.....uCagguaguagguuguauagu.....	7	1	GDM
.....ugagguaguagguuguaAagu.....	57	1	GDM
.....ugagguaguagguuguauaUu.....	28	1	GDM
.....ugaCguaguagguuguauagu.....	4	1	GDM
.....ugagUuaguagguuguauagu.....	9	1	GDM
.....ugagguaguaCguuguauagu.....	4	1	GDM
.....Ggagguaguagguuguauagu.....	87	1	GDM
.....ugaCguaguagguuguauagu.....	4	1	GDM
.....ugGgguaguagguuguauagu.....	484	1	GDM
.....ugagguaguagguuguauaUu.....	28	1	GDM
.....ugagAuaguagguuguauagu.....	76	1	GDM
.....ugagguaguagguuguaGagu.....	20	1	GDM
.....ugagguaguaggGuguauagu.....	23	1	GDM

Mature Star

gugacugcaugcucccaggu**ugagguaguagguuguauagu**uuagaauuacaucaagggagauaac**uguacagccuccuagcuuucc**uuggucuugcacuaaacaacaugg

.....ugagguaguagguuCuauagu.....	8	1	GDM
.....ugaggAaguagguuguauagu.....	55	1	GDM
.....ugagguaguagguuguauagC.....	5278	1	GDM
.....ugagguaguagguuguauUgu.....	67	1	GDM
.....ugagguagAagguuguauagu.....	81	1	GDM
.....ugagguaguGgguuguauagu.....	261	1	GDM
.....ugagguaguagguuUuauagu.....	9	1	GDM
.....ugagguGguagguuguauagu.....	273	1	GDM
.....Agagguaguagguuguauagu.....	210	1	GDM
.....ugagguaguagguuguaGagu.....	20	1	GDM
.....Agagguaguagguuguauagu.....	210	1	GDM
.....ugCgguaguagguuguauagu.....	20	1	GDM
.....ugagguaguagguuguauagC.....	5278	1	GDM
.....ugagguaguagguuguauagG.....	297	1	GDM
.....ugagguaguagguuguCuagu.....	8	1	GDM
.....ugagguaguagguuUuauagu.....	9	1	GDM
.....ugagguaguaUguuguauagu.....	25	1	GDM
.....ugagguaguagguugCauagu.....	239	1	GDM
.....ugaggAaguagguuguauagu.....	55	1	GDM
.....ugagguaCuagguuguauaguu.....	4	1	GDM
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.....ugagguaguaNguuguauaguu.....	1	1	GDM
.....ugagguaguagguCguauaguu.....	391	1	GDM
.....ugagguaguagguuguCuaguu.....	9	1	GDM
.....ugagguaguagguuguauaAuu.....	73	1	GDM
.....ugagguaguagguugCauaguu.....	302	1	GDM
.....ugaUguaguagguuguauaguu.....	20	1	GDM
.....ugaCguaguagguuguauaguu.....	12	1	GDM
.....ugaggGaguagguuguauaguu.....	39	1	GDM
.....ugagguaguUgguuguauaguu.....	78	1	GDM
.....ugaggAaguagguuguauaguu.....	62	1	GDM
.....ugagguaguagguuguauaguA.....	1555	1	GDM
.....ugagguaguagNuuguauaguu.....	5	1	GDM
.....ugagguaguagguAguauaguu.....	121	1	GDM
.....ugagguaguagguuguauaUuu.....	15	1	GDM
.....uUagguaguagguuguauaguu.....	13	1	GDM
.....ugagguaguagguuguauagGu.....	58	1	GDM
.....ugagguaguagguuAuauaguu.....	139	1	GDM
.....ugagguaguagguuguauaCuu.....	2	1	GDM
.....ugagguaguagguuUuauaguu.....	13	1	GDM
.....Ngagguaguagguuguauaguu.....	17	1	GDM
.....ugagguaguaCguuguauaguu.....	8	1	GDM
.....ugagguaguagguuguauaguC.....	6522	1	GDM
.....ugagguaguaAguuguauaguu.....	114	1	GDM
.....ugagguaguagguuguauUguu.....	84	1	GDM
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.....ugagguaguUgguuguauaguu.....	78	1	GDM
.....ugaCguaguagguuguauaguu.....	12	1	GDM
.....ugagguaguagUuuguauaguu.....	702	1	GDM
.....ugagguaguagguuguauaguu.....	80128	0	GDM
.....ugagguaguagguGguauaguu.....	38	1	GDM
.....Cgagguaguagguuguauaguu.....	422	1	GDM
.....ugagguaguGgguuguauaguu.....	299	1	GDM
.....ugagguaguUgguuguauaguu.....	78	1	GDM
.....ugagAuaguagguuguauaguu.....	87	1	GDM
.....ugagguaguaggCuguauaguu.....	380	1	GDM
.....uNagguaguagguuguauaguu.....	23	1	GDM
.....Ggagguaguagguuguauaguu.....	128	1	GDM
.....ugagguaguagguAguauaguu.....	121	1	GDM
.....ugagguaguaggCuguauaguu.....	380	1	GDM
.....ugagguaguagguugGauaguu.....	10	1	GDM
.....ugagguaUuagguuguauaguu.....	23	1	GDM
.....ugagguCguagguuguauaguu.....	30	1	GDM
.....ugagguaguagguugAauaguu.....	58	1	GDM
.....ugagguaguagUuuguauaguu.....	702	1	GDM
.....ugagguUguagguuguauaguu.....	71	1	GDM
.....ugagguaguGgguuguauaguu.....	299	1	GDM
.....ugGgguaguagguuguauaguu.....	465	1	GDM

Mature Star

gugacugcaugcucccaggu**ugagguaguaggguuguauagu**uuagaauuacaucaagggagauaac**uguacagccuccuagcuuucc**uuugggucuugcacuaaacaacaugg

.....ugagguaguaggguuguaAaguu.....	58	1	GDM
.....ugagguaguaAguuguauaguu.....	114	1	GDM
.....ugagUuaguaggguuguauaguu.....	5	1	GDM
.....ugagguaguaggguuCuauaguu.....	24	1	GDM
.....ugagAuaguaggguuguauaguu.....	87	1	GDM
.....ugagguGguaggguuguauaguu.....	214	1	GDM
.....ugagguaguagCuuguauaguu.....	48	1	GDM
.....ugaUguaguaggguuguauaguu.....	20	1	GDM
.....ugaNguaguaggguuguauaguu.....	11	1	GDM
.....ugagguaguaggguugCauaguu.....	302	1	GDM
.....ugagCuaguaggguuguauaguu.....	13	1	GDM
.....ugagguaguaCguuguauaguu.....	8	1	GDM
.....ugagguaguaggguuguaCaguu.....	369	1	GDM
.....ugagguaguaggGuguauaguu.....	23	1	GDM
.....ugUgguaguaggguuguauaguu.....	102	1	GDM
.....ugagguaguaggguuguauaguG.....	301	1	GDM
.....ugagguaguaggAuguauaguu.....	68	1	GDM
.....ugagCuaguaggguuguauaguu.....	13	1	GDM
.....uAagguaguaggguuguauaguu.....	114	1	GDM
.....ugagguaguaggguuguauUguu.....	84	1	GDM
.....ugagguaguaggguuguauaAuu.....	73	1	GDM
.....ugGgguaguaggguuguauaguu.....	465	1	GDM
.....ugagguaguaggguuguauaguC.....	6522	1	GDM
.....Ggagguaguaggguuguauaguu.....	128	1	GDM
.....ugagguaguaggguuguaGaguu.....	10	1	GDM
.....ugagguaguagCuuguauaguu.....	48	1	GDM
.....Agagguaguaggguuguauaguu.....	205	1	GDM
.....ugaggNaguaggguuguauaguu.....	9	1	GDM
.....Ggagguaguaggguuguauaguu.....	128	1	GDM
.....ugaNguaguaggguuguauaguu.....	11	1	GDM
.....ugaCguaguaggguuguauaguu.....	12	1	GDM
.....ugagguaguaggguuguauagCu.....	416	1	GDM
.....ugagguagAaggguuguauaguu.....	83	1	GDM
.....Agagguaguaggguuguauaguu.....	205	1	GDM
.....ugagguaguaggguuguUuaguu.....	54	1	GDM
.....ugagguaguaUguuguauaguu.....	32	1	GDM
.....ugagguaguaggguugAauaguu.....	58	1	GDM
.....ugagguaguaggguugAauaguu.....	58	1	GDM
.....uAagguaguaggguuguauaguu.....	114	1	GDM
.....ugagguaguagCuuguauaguu.....	48	1	GDM
.....ugagguaguaggGuguauaguu.....	23	1	GDM
.....ugagUuaguaggguuguauaguu.....	5	1	GDM
.....ugaAguaguaggguuguauaguu.....	112	1	GDM
.....ugagguaguaggAuguauaguu.....	68	1	GDM
.....ugaggAaguaggguuguauaguu.....	62	1	GDM
.....ugagguaguaggguuguaCaguu.....	369	1	GDM
.....ugagguaguaggguuguauCguu.....	11	1	GDM
.....ugagguaguaggguuguaCaguu.....	369	1	GDM
.....Cgagguaguaggguuguauaguu.....	422	1	GDM
.....ugagguaguaggguuCuauaguu.....	24	1	GDM
.....ugagguaguaggguuguauagAu.....	51	1	GDM
.....ugagguaguaggguuguauaguu.....	80128	0	GDM
.....uUagguaguaggguuguauaguu.....	13	1	GDM
.....ugagguGguaggguuguauaguu.....	214	1	GDM
.....ugagguaguaggguuguauaUuu.....	15	1	GDM
.....ugagUuaguaggguuguauaguu.....	5	1	GDM
.....ugagguagCaggguuguauaguu.....	250	1	GDM
.....ugagguagCaggguuguauaguu.....	250	1	GDM
.....ugagguaguaggguuguauagAu.....	51	1	GDM
.....ugagguaguagguGguauaguu.....	38	1	GDM
.....ugagguaguaggguuguGuaguu.....	506	1	GDM
.....ugagguaAuaggguuguauaguu.....	95	1	GDM
.....ugUgguaguaggguuguauaguu.....	102	1	GDM
.....ugagguaguaggguuAuauaguu.....	139	1	GDM
.....ugagguaguaggguuguauaguG.....	301	1	GDM
.....Ngagguaguaggguuguauaguu.....	17	1	GDM
.....ugagguagAaggguuguauaguu.....	83	1	GDM
.....ugagguaguagguuCuauaguu.....	24	1	GDM
.....ugagguaguaggguuguauaguA.....	1555	1	GDM
.....ugagguaguaggguugGauaguu.....	10	1	GDM

Mature Star

gugacugcaugcucccaggu**ugagguaguaggguuguauagu**uuagaauuacaucaagggagauaac**uguacagccuccuagcuuucc**uuugggucuugcacuaaacaacaugg

.....ugagguaguaggguuUuauaguu.....	13	1	GDM
.....ugagguaguagguCguauaguu.....	391	1	GDM
.....ugagCuaguaggguuguauaguu.....	13	1	GDM
.....ugagguaguaAguuguauaguu.....	114	1	GDM
.....ugagguaguagguuguauCguu.....	11	1	GDM
.....ugagguaguCgguuguauaguu.....	18	1	GDM
.....ugagguaguagguuguauaguu.....	80128	0	GDM
.....ugagguaAuagguuguauaguu.....	95	1	GDM
.....ugagguaAuagguuguauaguu.....	95	1	GDM
.....ugaNguaguagguuguauaguu.....	11	1	GDM
.....ugagguaguagguuguaGaguu.....	10	1	GDM
.....ugCgguaguagguuguauaguu.....	15	1	GDM
.....ugagguaguaCguuguauaguu.....	8	1	GDM
.....ugagguaguagguuguauCguu.....	11	1	GDM
.....ugagguCguagguuguauaguu.....	30	1	GDM
.....ugagguaguagguuguaAaguu.....	58	1	GDM
.....ugagguaguagguuguauagCu.....	416	1	GDM
.....Agagguaguagguuguauaguu.....	205	1	GDM
.....ugagguaguagUuuguauaguu.....	702	1	GDM
.....uCagguaguagguuguauaguu.....	1	1	GDM
.....ugaUguaguagguuguauaguu.....	20	1	GDM
.....ugagguaguagguuguUuaguu.....	54	1	GDM
.....Cgagguaguagguuguauaguu.....	422	1	GDM
.....ugaggNaguagguuguauaguu.....	9	1	GDM
.....ugagguaguagguuAuauaguu.....	139	1	GDM
.....ugagguaguagguugGauaguu.....	10	1	GDM
.....ugagguaguagguuguauagGu.....	58	1	GDM
.....ugagguaguagguuguauagCu.....	416	1	GDM
.....ugCgguaguagguuguauaguu.....	15	1	GDM
.....ugUgguaguagguuguauaguu.....	102	1	GDM
.....ugagguaguagguAguauaguu.....	121	1	GDM
.....ugagguaUuagguuguauaguu.....	23	1	GDM
.....ugagguaguagguuguauagGu.....	58	1	GDM
.....ugagguaguagguugCauaguu.....	302	1	GDM
.....ugagguaguagguuguaGaguu.....	10	1	GDM
.....ugCgguaguagguuguauaguu.....	15	1	GDM
.....ugagguaguagguuguauaguA.....	1555	1	GDM
.....uNagguaguagguuguauaguu.....	23	1	GDM
.....ugagguaguagguuguCuaguu.....	9	1	GDM
.....Ngagguaguagguuguauaguu.....	17	1	GDM
.....ugagguaguagguuguauaUuu.....	15	1	GDM
.....ugagguaguagguuguauagAu.....	51	1	GDM
.....ugaggGaguagguuguauaguu.....	39	1	GDM
.....ugagguUguagguuguauaguu.....	71	1	GDM
.....ugaAguaguagguuguauaguu.....	112	1	GDM
.....uUagguaguagguuguauaguu.....	13	1	GDM
.....ugagguaguagguuguGuaguu.....	506	1	GDM
.....ugagguaguCgguuguauaguu.....	18	1	GDM
.....ugagguaguagguuguauaguC.....	6522	1	GDM
.....uAagguaguagguuguauaguu.....	114	1	GDM
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.....ugagguaguagguuguauUguu.....	84	1	GDM
.....ugagguUguagguuguauaguu.....	71	1	GDM
.....ugaggCaguagguuguauaguu.....	266	1	GDM
.....ugagAuaguagguuguauaguu.....	87	1	GDM
.....ugagguaguaUguuguauaguu.....	32	1	GDM
.....ugaggCaguagguuguauaguu.....	266	1	GDM
.....ugaggNaguagguuguauaguu.....	9	1	GDM
.....ugagguaguGgguuguauaguu.....	299	1	GDM
.....ugagguaguagguuguCuaguu.....	9	1	GDM
.....ugagguaguagguuguauaAuu.....	73	1	GDM
.....ugagguaguagguuguaAaguu.....	58	1	GDM
.....ugagguaguaggGuguauaguu.....	23	1	GDM
.....ugagguaguagguCguauaguu.....	391	1	GDM
.....ugagguaCuagguuguauaguu.....	4	1	GDM
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.....ugagguCguagguuguauaguu.....	30	1	GDM
.....ugagguagCagguuguauaguu.....	250	1	GDM
.....ugagguaUuagguuguauaguu.....	23	1	GDM
.....ugagguaguagNuuguauaguu.....	5	1	GDM

Mature Star

gugacugcaugcucccaggu**ugagguaguaggguuguauagu**uuagaauuacaucaagggagauaac**uguacagccuccuagcuuucc**uugggucuugcacuaaacaacaugg

.....ugagguaguaUguuguauaguu.....	32	1	GDM
.....ugagguaguagguGguauaguu.....	38	1	GDM
.....ugagguagAaggguuguauaguu.....	83	1	GDM
.....ugaggGaguaggguuguauaguu.....	39	1	GDM
.....ugagguaguCgguuguauaguu.....	18	1	GDM
.....ugagguaguagguuguUuaguu.....	54	1	GDM
.....ugaggCaguagguuguauaguu.....	266	1	GDM
.....ugGgguaguagguuguauaguu.....	465	1	GDM
.....ugagguGguagguuguauaguu.....	214	1	GDM
.....uNagguaguagguuguauaguu.....	23	1	GDM
.....ugagguaguaggCuguauaguu.....	380	1	GDM
.....ugUgguaguagguuguauaguuu.....	1	1	GDM
.....ugagguaguagguuguauagCuu.....	2	1	GDM
.....ugagguaguagguuguCuaguuu.....	1	1	GDM
.....ugagguaguagguuguUuaguuu.....	1	1	GDM
.....ugagguagAaggguuguauaguuu.....	1	1	GDM
.....ugagguaguagguuguauaguuu.....	772	0	GDM
.....ugagguaguagguuguauaguuA.....	280	1	GDM
.....ugagguaguagguuguauaguCu.....	3	1	GDM
.....ugGgguaguagguuguauaguuu.....	7	1	GDM
.....ugagguaguaggCuguauaguuu.....	3	1	GDM
.....ugagguagCagguuguauaguuu.....	4	1	GDM
.....ugagguGguagguuguauaguuu.....	3	1	GDM
.....ugagAuaguagguuguauaguuu.....	2	1	GDM
.....ugagguaguCgguuguauaguuu.....	1	1	GDM
.....Agagguaguagguuguauaguuu.....	1	1	GDM
.....ugagguCguagguuguauaguuu.....	4	1	GDM
.....ugagguagGagguuguauaguuu.....	13	1	GDM
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.....ugagguaguagguuguauaguuC.....	45	1	GDM
.....ugagguaguagguuguauaguAu.....	1	1	GDM
.....ugagguaguagguuguGuaguuu.....	5	1	GDM
.....ugaggCaguagguuguauaguuu.....	3	1	GDM
.....Cgagguaguagguuguauaguuu.....	2	1	GDM
.....ugagguaguagUuuguauaguuu.....	4	1	GDM
.....ugagguGguagguuguauaguuu.....	3	1	GDM
.....ugagguaguagguuguauagCuu.....	2	1	GDM
.....ugagguaguagguuguauaguuG.....	128	1	GDM
.....Ggagguaguagguuguauaguuu.....	3	1	GDM
.....ugagguaguGgguuguauaguuu.....	4	1	GDM
.....ugagguaguagguuguauaguuu.....	772	0	GDM
.....ugagguaguagguugCauaguuu.....	3	1	GDM
.....ugaggCaguagguuguauaguuu.....	3	1	GDM
.....ugagguaguaggCuguauaguuu.....	3	1	GDM
.....ugagguagGagguuguauaguuu.....	13	1	GDM
.....ugGgguaguagguuguauaguuu.....	7	1	GDM
.....ugagguCguagguuguauaguuu.....	4	1	GDM
.....ugaggAaguagguuguauaguuu.....	1	1	GDM
.....ugagguaguagguAguauaguuu.....	1	1	GDM
.....ugagguaguagguuguauaguuG.....	128	1	GDM
.....ugagguaguagguCguauaguuu.....	6	1	GDM
.....Ggagguaguagguuguauaguuu.....	3	1	GDM
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.....ugagguaguagguuguauaguuG.....	128	1	GDM
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.....ugagguaguagUuuguauaguuu.....	4	1	GDM
.....ugagguaguagguuguauaguuu.....	772	0	GDM
.....ugagguaguagguuguGuaguuu.....	5	1	GDM
.....ugagguaguagguuguauaguuC.....	45	1	GDM
.....ugagguaguagguuguauaguuA.....	280	1	GDM
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.....ugagguaguagguuguauaguuC.....	45	1	GDM
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.....ugagguaguagguCguauaguuu.....	6	1	GDM
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.....ugGgguaguagguuguauaguuu.....	7	1	GDM
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.....ugagguaguagguCguauaguuu.....	6	1	GDM

Mature Star

gugacugcaugcucccaggu**ugagguaguagguuguauagu**uuagaauuacaucaagggagauaac**uguacagccuccuagcuuucc**uuggucuugcacuaaacaacaugg

.....ugagguaguagguuguauaguuGa.....	8	1	GDM
.....ugagguaguagguuguauaguuAa.....	19	1	GDM
.....ugagguaguagguuguauaguuGa.....	8	1	GDM
.....ugagguaguagguuguauaguuuC.....	1	1	GDM
.....ugagguaguagguuguauaguuGa.....	8	1	GDM
.....ugagguaguagguuguauaguuAa.....	19	1	GDM
.....ugagguaguagguuguauaguuua.....	1	0	GDM
.....ugagguaguagAuuguauaguuua.....	1	1	GDM
.....ugagguaguagguuguauaguuAa.....	19	1	GDM
.....ugagguaguagguuguauaguuGag.....	3	1	GDM
.....ugagguaguagguuguauaguuAag.....	1	1	GDM
.....gagguaguagguuguauag.....	1	0	GDM
.....gagguaguagguuguauagC.....	1	1	GDM
.....gagguaguagguuguauagu.....	17	0	GDM
.....gagguaguagguuguauagu.....	17	0	GDM
.....gagguaAuagguuguauaguu.....	2	1	GDM
.....gagguaguagguCguauaguu.....	1	1	GDM
.....gagguaguagguuguauaguu.....	9	0	GDM
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.....Aagguaguagguuguauaguu.....	2	1	GDM
.....gagguaguagguuguauaguu.....	9	0	GDM
.....Uagguaguagguuguauaguu.....	3	1	GDM
.....agguaguagguAguauagu.....	1	1	GDM
.....agguaguagguuguauagu.....	1	0	GDM
.....agguaguagguuguauaguu.....	1	0	GDM
.....agguaguagUuuguauaguuua.....	2	1	GDM
.....Uguaguagguuguauaguu.....	2	1	GDM
.....guaguagguuguauaguu.....	1	0	GDM
.....guaguagguuguauagGu.....	1	1	GDM

.....Cugagguaguagguuguauagu.....	2	1	Z3_
.....Cugagguaguagguuguauaguu.....	2	1	Z3_
.....ugagguaguagguuguaA.....	21	1	Z3_
.....ugagguagAagguuguau.....	1	1	Z3_
.....ugUgguaguagguuguau.....	2	1	Z3_
.....ugagguaguagguugCau.....	6	1	Z3_
.....Cgagguaguagguuguau.....	3	1	Z3_
.....Agagguaguagguuguau.....	3	1	Z3_
.....ugaggCaguagguuguau.....	3	1	Z3_
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.....ugaggGaguagguuguau.....	1	1	Z3_
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.....ugagguaguagguCguau.....	8	1	Z3_
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.....ugagguaguagguuguaG.....	3	1	Z3_
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.....ugagguaguCgguuguau.....	1	1	Z3_
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.....ugagguaguGgguuguaua.....	2	1	Z3_
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.....ugagguaguagguuguGua.....	2	1	Z3_
.....ugagguaguagguCguaua.....	4	1	Z3_
.....ugagguaguagguuguaua.....	263	0	Z3_
.....ugagguaguaggCuguaua.....	1	1	Z3_
.....ugGgguaguagguuguaua.....	2	1	Z3_
.....ugagguaguagguugCaua.....	3	1	Z3_
.....Cgagguaguagguuguaua.....	1	1	Z3_

Mature Star

gugacugcaugcucccaggu**ugagguaguaggguuguauagu**uuagaauuacaucaagggagauaac**uguacagccuccuagcuuucc**uuggucuugcacuaaacaacaugg

.....ugagguaguaggguuguauU.....	1	1	Z3_
.....ugagguaguagUuuguaua.....	4	1	Z3_
.....ugaAguaguaggguuguauag.....	3	1	Z3_
.....uNagguaguaggguuguauag.....	1	1	Z3_
.....ugagguaguaUguuguauag.....	1	1	Z3_
.....ugagguGguaggguuguauag.....	13	1	Z3_
.....ugagguaguaggguuguaCag.....	5	1	Z3_
.....ugagguCguaggguuguauag.....	2	1	Z3_
.....ugagAuaguaggguuguauag.....	1	1	Z3_
.....ugagguaguagUuuguauag.....	7	1	Z3_
.....ugagguaguaggguuCuauag.....	2	1	Z3_
.....ugUgguaguaggguuguauag.....	3	1	Z3_
.....uUagguaguaggguuguauag.....	1	1	Z3_
.....ugaUguaguaggguuguauag.....	1	1	Z3_
.....ugagguagCaggguuguauag.....	4	1	Z3_
.....ugCgguaguaggguuguauag.....	1	1	Z3_
.....ugagguaguagguCguauag.....	8	1	Z3_
.....uAagguaguaggguuguauag.....	2	1	Z3_
.....ugagguaguaggguuguauUg.....	6	1	Z3_
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.....ugagguaguaggguuguauA.....	116	1	Z3_
.....ugagguaguaggCuguauag.....	13	1	Z3_
.....ugaggCaguaggguuguauag.....	6	1	Z3_
.....ugagguaguaggguuAuauag.....	2	1	Z3_
.....ugagguagAaggguuguauag.....	7	1	Z3_
.....ugagguaguaggguugCauag.....	8	1	Z3_
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.....ugagguaguaggguuguauCgu.....	3	1	Z3_
.....ugagguaguaggguuguauagC.....	1211	1	Z3_
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.....ugagguaguaggguuguauaCu.....	6	1	Z3_
.....ugagguaguaNguuguauagu.....	1	1	Z3_
.....ugagguaguaCguuguauagu.....	1	1	Z3_
.....ugagguaguaggCuguauagu.....	81	1	Z3_
.....ugagguaguUgguuguauagu.....	6	1	Z3_
.....ugagguaguaggguuguCuagu.....	4	1	Z3_
.....Ngagguaguaggguuguauagu.....	5	1	Z3_
.....ugagguaguaggAuguauagu.....	15	1	Z3_
.....ugagguaguaggguuguGuagu.....	76	1	Z3_
.....uUagguaguaggguuguauagu.....	3	1	Z3_
.....ugagguaguaggguuCuauagu.....	3	1	Z3_
.....Agagguaguaggguuguauagu.....	38	1	Z3_
.....ugagguaAuaggguuguauagu.....	16	1	Z3_
.....ugaNguaguaggguuguauagu.....	4	1	Z3_
.....ugagCuaguaggguuguauagu.....	3	1	Z3_
.....ugCgguaguaggguuguauagu.....	3	1	Z3_
.....ugagguaguaggguuAuauagu.....	28	1	Z3_
.....ugagguaguaggguugCauagu.....	60	1	Z3_

Mature Star

gugacugcaugcucccaggu**ugagguaguagguuguauagu**uuagaauuacaucaagggagauaac**uguacagccuccuagcuuucc**uuugggucuugcacuaaacaacaugg

.....ugagguaguagguuguauagA.....	233	1	Z3_
.....ugagguaguagguuguauUgu.....	10	1	Z3_
.....ugaUguaguagguuguauagu.....	6	1	Z3_
.....ugagguaguagguugGauagu.....	2	1	Z3_
.....ugagguaguGgguuguauagu.....	43	1	Z3_
.....ugagguaguagguuguaAagu.....	8	1	Z3_
.....ugGgguaguagguuguauagu.....	90	1	Z3_
.....ugagguaguagguuguauagG.....	58	1	Z3_
.....ugagguaguaUguuguauagu.....	1	1	Z3_
.....ugagguaguagguuguauaUu.....	6	1	Z3_
.....ugagguaguagCuuguauagu.....	6	1	Z3_
.....ugagguaguagguuguaCagu.....	39	1	Z3_
.....ugaggCaguagguuguauagu.....	33	1	Z3_
.....Ggagguaguagguuguauagu.....	15	1	Z3_
.....ugagUuaguagguuguauagu.....	3	1	Z3_
.....ugagguagCagguuguauagu.....	37	1	Z3_
.....ugagguaguagguAguauagu.....	18	1	Z3_
.....ugUgguaguagguuguauagu.....	16	1	Z3_
.....ugaAguaguagguuguauagu.....	22	1	Z3_
.....ugagguaguagguCguauagu.....	67	1	Z3_
.....uAagguaguagguuguauagu.....	23	1	Z3_
.....ugagguagAagguuguauagu.....	7	1	Z3_
.....ugaggGaguagguuguauagu.....	11	1	Z3_
.....ugagguaguaggGuguauagu.....	3	1	Z3_
.....ugagguaguagguugAauagu.....	9	1	Z3_
.....ugagguaguagguuguaGagu.....	6	1	Z3_
.....ugagguaguagguuguauaAu.....	20	1	Z3_
.....uCagguaguagguuguauagu.....	3	1	Z3_
.....ugagguaguagguuguUuagu.....	8	1	Z3_
.....ugagguaguagguGguauagu.....	3	1	Z3_
.....uNagguaguagguuguauagu.....	2	1	Z3_
.....ugagguaguagguuguauagu.....	15184	0	Z3_
.....ugagguaguagguuUuauagu.....	2	1	Z3_
.....Cgagguaguagguuguauagu.....	59	1	Z3_
.....ugaggAaguagguuguauagu.....	9	1	Z3_
.....ugagguaguagguugAauaguu.....	10	1	Z3_
.....Cgagguaguagguuguauaguu.....	82	1	Z3_
.....ugagguGguagguuguauaguu.....	37	1	Z3_
.....ugagguaguagguuguauaAuu.....	9	1	Z3_
.....ugUgguaguagguuguauaguu.....	15	1	Z3_
.....ugaggAaguagguuguauaguu.....	8	1	Z3_
.....ugagguagCagguuguauaguu.....	30	1	Z3_
.....ugagguaguUgguuguauaguu.....	16	1	Z3_
.....ugagguaguagguuguauaguG.....	69	1	Z3_
.....ugagguaguagguuguaAaguu.....	5	1	Z3_
.....ugaUguaguagguuguauaguu.....	7	1	Z3_
.....ugGgguaguagguuguauaguu.....	111	1	Z3_
.....ugagguaguagguCguauaguu.....	80	1	Z3_
.....ugaNguaguagguuguauaguu.....	1	1	Z3_
.....ugagguaguagguuguauaguu.....	16925	0	Z3_
.....ugagguaguaAguuguauaguu.....	23	1	Z3_
.....ugagguaguagguuguaCaguu.....	73	1	Z3_
.....uUagguaguagguuguauaguu.....	1	1	Z3_
.....ugagguaguagUuuguauaguu.....	128	1	Z3_
.....ugagguaguagguuguauagAu.....	5	1	Z3_
.....Ggagguaguagguuguauaguu.....	5	1	Z3_
.....ugagguaguagguugCauaguu.....	68	1	Z3_
.....ugagguaguaUguuguauaguu.....	5	1	Z3_
.....ugagguaguagCuuguauaguu.....	5	1	Z3_
.....Ngagguaguagguuguauaguu.....	4	1	Z3_
.....ugagguaguagguuguauUguu.....	12	1	Z3_
.....ugaggGaguagguuguauaguu.....	13	1	Z3_
.....ugagguaguagguuguauaguA.....	355	1	Z3_
.....ugagguagAagguuguauaguu.....	26	1	Z3_
.....ugaCguaguagguuguauaguu.....	2	1	Z3_
.....ugagguaguagguuguauCguu.....	2	1	Z3_
.....ugagguaguagguuguauagCu.....	75	1	Z3_
.....ugagguaguagguuguUuaguu.....	6	1	Z3_
.....ugagguaguaggCuguauaguu.....	56	1	Z3_
.....ugCgguaguagguuguauaguu.....	4	1	Z3_

Mature Star

gugacugcaugcucccaggu**ugagguaguagguuguauagu**uuagaauuacaucaagggagauaac**uguacagccuccuagcuuucc**uuggucuugcacuaaacaacaugg

.....Agagguaguagguuguauaguu.....	39	1	Z3_
.....ugagguaguagguuUuauaguu.....	2	1	Z3_
.....ugaAguaguagguuguauaguu.....	28	1	Z3_
.....ugagguaguaggAuguauaguu.....	13	1	Z3_
.....ugagguaUuagguuguauaguu.....	9	1	Z3_
.....ugagguaguagguugGauaguu.....	5	1	Z3_
.....ugagguCguagguuguauaguu.....	12	1	Z3_
.....ugagguUguagguuguauaguu.....	9	1	Z3_
.....uNagguaguagguuguauaguu.....	3	1	Z3_
.....uAagguaguagguuguauaguu.....	25	1	Z3_
.....ugaggCaguagguuguauaguu.....	32	1	Z3_
.....ugagguaguagguuCuauaguu.....	5	1	Z3_
.....ugagguaAuagguuguauaguu.....	22	1	Z3_
.....ugagguaguagguuguaGaguu.....	5	1	Z3_
.....ugagguaguagguGguauaguu.....	9	1	Z3_
.....ugagCuaguagguuguauaguu.....	3	1	Z3_
.....ugagguaguagguuguauaguC.....	1632	1	Z3_
.....ugagguaguagguuguauagGu.....	29	1	Z3_
.....ugagguaguaggGuguauaguu.....	6	1	Z3_
.....ugagguaguagguuAuauaguu.....	25	1	Z3_
.....ugaggNaguagguuguauaguu.....	2	1	Z3_
.....ugagguaguCgguuguauaguu.....	1	1	Z3_
.....ugagguaguagguAguauaguu.....	23	1	Z3_
.....ugagguaguagguuguGuaguu.....	87	1	Z3_
.....ugagAuaguagguuguauaguu.....	20	1	Z3_
.....ugagguaguGgguuguauaguu.....	59	1	Z3_
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.....ugGgguaguagguuguauaguuu.....	1	1	Z3_
.....ugagguaguagguuguauaguuA.....	97	1	Z3_
.....ugagguaguagguuguauaguuu.....	243	0	Z3_
.....ugagguaguagguAguauaguuu.....	1	1	Z3_
.....ugagguGguagguuguauaguuu.....	2	1	Z3_
.....ugagguagCagguuguauaguuu.....	1	1	Z3_
.....ugagguagGagguuguauaguuu.....	6	1	Z3_
.....ugagguaguagguuguauagCuu.....	2	1	Z3_
.....Cgagguaguagguuguauaguuu.....	2	1	Z3_
.....ugagguaguagguuguauaguGu.....	5	1	Z3_
.....ugagguaguagguuguGuaguuu.....	2	1	Z3_
.....ugagguaguagguCguauaguuu.....	1	1	Z3_
.....ugaggCaguagguuguauaguuu.....	2	1	Z3_
.....ugagguaguagguuguauaguuC.....	12	1	Z3_
.....ugagguaguagguuguauaguuG.....	34	1	Z3_
.....ugagguaguagguugCauaguuu.....	2	1	Z3_
.....ugagguaguagguuguauaguuuC.....	1	1	Z3_
.....ugagguaguagguuguauaguuAa.....	3	1	Z3_
.....gagguaguagguuguauagu.....	3	0	Z3_
.....gagguaguagguuguauaguu.....	4	0	Z3_
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.....gguaguagguuguauaguu.....	2	0	Z3_