



Mature

Star

gggacuggcucagguua <u>ucua</u> cagugc <u>acguguc</u> ccagug <u>uggcucggaggc</u> uggagacg <u>ggccc</u> ug <u>uuggagu</u> aacaacugaagccggagucugcgaaggggggca			
.....ucua	177	1	Z1_
.....cagugc	3	1	Z1_
.....acguguc	36	1	Z1_
.....ccagug	7	1	Z1_
.....cagg	4	1	Z1_
.....cagg	8	1	Z1_
.....cagg	2	1	Z1_
.....cagg	4	1	Z1_
.....cagg	10	1	Z1_
.....cagg	54	1	Z1_
.....cagg	1	1	Z1_
.....cagg	8	1	Z1_
.....cagg	6	1	Z1_
.....cagg	8	1	Z1_
.....cagg	1	1	Z1_
.....cagg	1	1	Z1_
.....cagg	4	1	Z1_
.....cagg	1	1	Z1_
.....cagg	3	1	Z1_
.....cagg	7	1	Z1_
.....cagg	3	1	Z1_
.....cagg	1	1	Z1_
.....cagg	2	1	Z1_
.....cagg	18	0	Z1_
.....cagg	1	1	Z1_
.....cagg	3	1	Z1_
.....cagg	1	0	Z1_
.....cagg	4	0	Z1_
.....cagg	22	0	GDM
.....cagg	22	0	GDM
.....cagg	3	1	GDM
.....cagg	15	1	GDM
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.....cagg	15	1	GDM
.....cagg	10	0	GDM
.....cagg	10	0	GDM
.....cagg	10	0	GDM
.....cagg	1	1	GDM
.....cagg	1	1	GDM
.....cagg	14	0	GDM
.....cagg	14	0	GDM
.....cagg	3	1	GDM
.....cagg	14	0	GDM
.....cagg	7	1	GDM
.....cagg	7	1	GDM
.....cagg	5	1	GDM
.....cagg	6	1	GDM
.....cagg	3	1	GDM
.....cagg	12	1	GDM
.....cagg	10	1	GDM
.....cagg	8	1	GDM
.....cagg	1	1	GDM
.....cagg	2	1	GDM
.....cagg	12	1	GDM
.....cagg	20	1	GDM
.....cagg	11	1	GDM
.....cagg	4	1	GDM
.....cagg	116	1	GDM
.....cagg	10	1	GDM
.....cagg	1850	0	GDM
.....cagg	5	1	GDM
.....cagg	6	1	GDM
.....cagg	65	1	GDM
.....cagg	7	1	GDM
.....cagg	1	1	GDM
.....cagg	10	1	GDM
.....cagg	1	1	GDM

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gggacugggcucagguguaucuaacagugcagugucuccaguguggcucggaggcuggagacggcccguguggaguuacaacugaagccggagucugcgaaggggggca

ucuaacagugcagcguAucuccagu	3	1	GDM
ucuaacagugcagugucucUagu	1	1	GDM
ucuaacagugcagcGgucuccagu	20	1	GDM
ucuaacagugcagugucUcagu	1	1	GDM
ucuaacagugUacgugucuccagu	2	1	GDM
ucuaacagugAacgugucuccagu	6	1	GDM
ucuaacagugcagugucuccagu	2	1	GDM
ucuaacagugcagugucuccagA	65	1	GDM
ucuaacagugcagugucuccGgu	7	1	GDM
ucuaacGgugcagugucuccagu	25	1	GDM
ucuaacaAugcagugucuccagu	2	1	GDM
ucucGcagugcagugucuccagu	7	1	GDM
ucuaacagugcUcgugucuccagu	3	1	GDM
Acuaacagugcagugucuccagu	3	1	GDM
ucuaacagugcagugucuccagG	4	1	GDM
Ccuaacagugcagugucuccagu	11	1	GDM
ucuaacagugcagcUcuccagu	1	1	GDM
ucuaacagcGcagugucuccagu	11	1	GDM
ucuaacagugcNcgugucuccagu	1	1	GDM
ucuaacagugcagugucAaccagu	4	1	GDM
uUuaacagugcagugucuccagu	1	1	GDM
ucuaacagugcagugcCuccagu	12	1	GDM
ucuaacagugUacgugucuccagu	2	1	GDM
ucAacagugcagugucuccagu	1	1	GDM
Gcuaacagugcagugucuccagu	2	1	GDM
ucuaacagugcagugucuccagu	1850	0	GDM
ucuaacagcGcagugucuccagu	11	1	GDM
ucuaacaUugcagugucuccagu	2	1	GDM
ucuaacagugcagugucuccGgu	7	1	GDM
ucuaacagugcagugcCuccagu	12	1	GDM
ucuaacagugcagGgucuccagu	1	1	GDM
ucuaacagugcagugucuccagC	116	1	GDM
ucuaacagugcagugucuccagG	4	1	GDM
ucuaacUgugcagugucuccagu	5	1	GDM
ucuaacagugcaUgugucuccagu	8	1	GDM
ucuaacagugcagugucuccagu	1850	0	GDM
ucuaacagugcagcGgucuccagu	20	1	GDM
Acuaacagugcagugucuccagu	3	1	GDM
ucuaacagugcagugucuccagA	65	1	GDM
ucuaacaAugcagugucuccagu	2	1	GDM
ucuaacagugcagugucuccUgu	2	1	GDM
ucuaacagugcagugucCccagu	10	1	GDM
ucuaacUgugcagugucuccagu	5	1	GDM
ucuaacGgugcagugucuccagu	12	1	GDM
ucuaacagAgcagugucuccagu	1	1	GDM
Ccuaacagugcagugucuccagu	11	1	GDM
ucuaacagugcagcAucuccagu	3	1	GDM
ucuaacagugcaUgugucuccagu	8	1	GDM
ucUacagugcagugucuccagu	1	1	GDM
ucuaacagugcGcgugucuccagu	10	1	GDM
ucuaacagugcagAgucuccagu	3	1	GDM
ucuaacagcGcagugucuccagu	11	1	GDM
ucuaacagugAacgugucuccagu	6	1	GDM
ucuaacagugcUcgugucuccagu	3	1	GDM
ucUcagugcagugucuccagu	1	1	GDM
ucuaacagugcagugucuccagC	116	1	GDM
ucuaacagugcAcAugucuccagu	5	1	GDM
ucuaacagugAacgugucuccagu	6	1	GDM
ucuaacGgugcagugucuccagu	12	1	GDM
ucuaacGgugcagugucuccagu	25	1	GDM
uAuaacagugcagugucuccagu	3	1	GDM
ucuaacaUugcagugucuccagu	2	1	GDM
ucuaacagugAacgugucuccagu	1	1	GDM
ucuaacagugcagugucuccaguC	1	1	GDM
ucuaacagugcagugucuccaguA	11	1	GDM
ucuaacagugcagugucuccaguU	17	1	GDM
ucuaacagugcagugucuccaguU	17	1	GDM
ucuaacagugcagugucuccaguU	17	1	GDM
ucuaacagugcagugucuccaguA	11	1	GDM
ucuaacagugcagugucuccaguA	11	1	GDM

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Star

gggacugggcucaggugua <u>ucua</u> cagugc <u>acg</u> uguc <u>ucc</u> agug <u>ggc</u> cgag <u>ggc</u> uggagacg <u>cg</u> ggcc <u>cu</u> gug <u>gag</u> uaacaacugaagccggagucugcgaaggugggca			
.....ucua	2	1	GDM
.....ucua	2	1	GDM
.....ccagug	1	0	GDM
.....uggagacg	1	0	GDM
.....uggagacg	16	0	GDM
.....uggagacg	1	1	GDM
.....uggagacg	1	1	GDM
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.....uggagacg	16	0	GDM
.....uggagacg	16	0	GDM
.....uggagacg	2	1	GDM
.....uggagacg	12	1	GDM
.....uggagacg	12	1	GDM
.....uggagacg	12	1	GDM
.....aggcgg	1	1	GDM
.....ucua	4	0	Z3_
.....ucua	9	0	Z3_
.....ucua	1	1	Z3_
.....ucua	8	1	Z3_
.....ucua	5	1	Z3_
.....ucua	688	0	Z3_
.....ucuc	1	1	Z3_
.....ucua	6	1	Z3_
.....ucua	1	1	Z3_
.....ucua	1	1	Z3_
.....ucuc	1	1	Z3_
.....ucua	1	1	Z3_
.....ucua	2	1	Z3_
.....ucua	2	1	Z3_
.....ucua	4	1	Z3_
.....ucua	13	1	Z3_
.....ucua	2	1	Z3_
.....ucua	4	1	Z3_
.....ucua	4	1	Z3_
.....ucua	5	1	Z3_
.....Ccu	3	1	Z3_
.....ucua	2	1	Z3_
.....uc	2	1	Z3_
.....ucua	2	1	Z3_
.....ucua	3	1	Z3_
.....uU	1	1	Z3_
.....ucua	1	1	Z3_
.....ucua	1	1	Z3_
.....ucua	1	1	Z3_
.....ucua	1	1	Z3_
.....ucua	38	1	Z3_
.....ucua	9	1	Z3_
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.....ucua	16	1	Z3_
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.....ucua	17	0	Z2_
.....ucua	4	1	Z2_
.....ucua	9	1	Z2_
.....ucua	2	1	Z2_
.....ucua	2	1	Z2_
.....ucua	4	1	Z2_
.....ucua	3	1	Z2_
.....ucua	1	1	Z2_

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Star

gggacuggcucagguguauucuaacagugcagugucuccaguguggucggaggcuggagagacgggccuguggaguuacaacugaagccggagucugcgaagggggca			
.....ucuaacagCgcacgugucuccagu.....	3	1	Z2_
.....ucuaacagugcagugucuccagu.....	1	1	Z2_
.....ucuaacagugcagugucuccagC.....	46	1	Z2_
.....uUuaacagugcagugucuccagu.....	2	1	Z2_
.....ucuaacagugcagugucuccagu.....	688	0	Z2_
.....ucuaacagugcagCgucuccagu.....	2	1	Z2_
.....ucuaacagugcagugUuccagu.....	1	1	Z2_
.....ucuaacagugcagugucuccagG.....	3	1	Z2_
.....ucuaacagugcagugCuccagu.....	4	1	Z2_
.....ucuaacagugcaguguccGgu.....	6	1	Z2_
.....ucuaacagugcagAgucuccagu.....	1	1	Z2_
.....ucuaacagugcNcgugucuccagu.....	1	1	Z2_
.....uAuaacagugcagugucuccagu.....	1	1	Z2_
.....Ccuacagugcagugucuccagu.....	2	1	Z2_
.....ucuaacagugcaUgugucuccagu.....	1	1	Z2_
.....ucuGcagugcagugucuccagu.....	2	1	Z2_
.....ucuaacagugcGcgugucuccagu.....	5	1	Z2_
.....ucuaacagugcUcgugucuccagu.....	3	1	Z2_
.....ucuaacagugAacgugucuccagu.....	2	1	Z2_
.....ucAacagugcagugucuccagu.....	2	1	Z2_
.....Gcuacagugcagugucuccagu.....	1	1	Z2_
.....uNuacagugcagugucuccagu.....	1	1	Z2_
.....Acuaacagugcagugucuccagu.....	2	1	Z2_
.....ucuaacagugcagugucuccagA.....	6	1	Z2_
.....ucuaacagugcagugucuccaguA.....	6	1	Z2_
.....ucuaacagugcagugucuccaguC.....	1	1	Z2_
.....uggagacgggccuguggagu.....	13	0	Z2_