

[illegible]

## Star

## Mature

gcgaucacguggguguccaacuacaggguauccaauuugagcgaacuucaaaauuggauaccuguaauuggacaccuacgccauucgcgcgucaaucauacgcgauuugaauuggg

.....caaaauuggauaccuguaauugg.....	2	0	s15
.....aaaauuggauaccuguaauugga.....	1	0	s15
.....aaaauuggauaccuguaauuggaU.....	2	1	s15
.....gcaacuucaaaauuggauaccuguaauugga.....	3	0	s08
.....aacuucaaaauuggauaccugA.....	2	1	s08
.....caaaauuggauaccuguaauu.....	2	0	s08
.....caaaauuggauaccuguaauugg.....	2	0	s08
.....caaaauuggauaccuguaauugA.....	1	1	s08
.....Uaaaauuggauaccuguaauugg.....	1	1	s08
.....caaauCggauaccuguaauugg.....	1	1	s08
.....caaauCggauaccuguaauugga.....	1	1	s08
.....caaaauuggauaccuguaauugga.....	1	0	s08
.....caaaauuggauaccuguaauuggG.....	1	1	s08
.....aaauCggauaccuguaauu.....	1	1	s08
.....aaaauuggauaccuguaauu.....	2	0	s08
.....aaaauuggauaccuguaauugga.....	5	0	s08
.....aaaauuggauaccuguaauuggaU.....	1	1	s08
.....aaauuggauaccuguaauu.....	2	0	s08
.....aaauuggauaccuguaauuggC.....	3	1	s08
.....uuggauaccuguaauugg.....	3	0	s08
.....uuggauaccuguaauuggacacc.....	2	0	s08
.....aaaauuggauaccuguaauugga.....	1	0	s04
.....aaaauuggauaccuguaauuggaU.....	1	1	s04
.....uacaggguauccaauuugagcaacuucaaa.....	1	0	s09
.....agcaacuucaaGuuggauaccuguaauugg.....	2	1	s09
.....caaaauuggauaccuguaauu.....	4	0	s09
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.....caaaauuggauacGuuaauugg.....	1	1	s09
.....caaaauuggauaccuguaauugA.....	1	1	s09
.....aaaauuggauaccuguaauu.....	2	0	s09
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.....aaaauuggauaccugAaaauugga.....	3	1	s09
.....aaaauuggauaccuguaauuggU.....	1	1	s09
.....aaaauuggauaccuguaauugga.....	2	0	s09
.....aaauuggauaccuguaauuggaca.....	1	0	s09
.....uacaggguauccaauuugagc.....	1	0	s07
.....caaaauuggauaccuguaau.....	1	0	s07
.....Uaaaauuggauaccuguaauu.....	1	1	s07
.....caaaauuggauaccuguaauu.....	13	0	s07
.....Uaaaauuggauaccuguaauug.....	1	1	s07
.....caaaauuggauaccuguaauugg.....	13	0	s07
.....Uaaaauuggauaccuguaauugg.....	3	1	s07
.....caaaauuggauaccuguaauugga.....	3	0	s07
.....aaaauuggauaccuguaauu.....	8	0	s07
.....aaauCggauaccuguaauugg.....	3	1	s07
.....aaaauuggauaccuguaauugg.....	2	0	s07
.....aaaauuggauaccuguaauuggG.....	2	1	s07
.....aaaauuggauaccuguaauugga.....	24	0	s07
.....aaaauuggCuaccuguaauugga.....	1	1	s07
.....aaaauuggauaccuguaauuggaU.....	4	1	s07
.....aaauuggauaccuguaauuggU.....	1	1	s07
.....uuggauaccuguaauugg.....	1	0	s07
.....uuggauaccuguaauuggaA.....	1	1	s07
.....uuggauaccuguaauuggacac.....	1	0	s07
.....uguaauuggacaccuacgcA.....	1	1	s07
.....ucaaauCggauaccuguaauuggacacc.....	1	1	s16
.....caaaauuggauaccuguaauu.....	2	0	s16
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.....caaauCggauaccuguaauugg.....	1	1	s16
.....caaaauuggauaccuguaauugg.....	3	0	s16
.....caaaauuggauaccuguaauugga.....	2	0	s16
.....aaaauuggauaccuguaauuggG.....	1	1	s16
.....aaaauuggauaccuguaauuggU.....	1	1	s16
.....Uaaaauuggauaccuguaauugga.....	1	1	s16

## Star

## Mature

gcgaucacgugggugucca <u>ac</u> uacaggua <u>ucca</u> auuugagc <u>ac</u> uu <u>ca</u> aa <u>uug</u> agc <u>ac</u> uu <u>ca</u> aa <u>uug</u> ga <u>uac</u> cgu <u>aa</u> uugga <u>cac</u> cua <u>cgc</u> cau <u>cgc</u> gcgcu <u>ca</u> au <u>cgc</u> cau <u>ac</u> gc <u>ca</u> uu <u>ga</u> auuggg			
.....aaauuggauaccgu <u>aa</u> uugga.....	7	0	s16
.....aaauuggauaccgu <u>aa</u> uuggaU.....	1	1	s16
.....aa <u>uug</u> ga <u>uac</u> cgu <u>aa</u> uuggacC.....	1	1	s16
.....aa <u>uug</u> ga <u>uacgu<u>aa</u>uuggaca.....</u>	1	0	s16
.....caaa <u>uug</u> ga <u>uac</u> cgu <u>aa</u> uugA.....	1	1	s01
.....uuggauaccgu <u>aa</u> uugg.....	1	0	s01
.....uuggauaccgu <u>aa</u> uugA.....	1	1	s01
.....uucaaa <u>uug</u> ga <u>uac</u> cgu <u>aa</u> uu.....	2	0	s17
.....caaa <u>Cgg</u> auaccgu <u>aa</u> uugg.....	1	1	s17
.....aaauuggauaccgu <u>aa</u> u.....	2	0	s17
.....aaauuggauaccgu <u>aa</u> uug.....	1	0	s17
.....uuggauaccgu <u>aa</u> uugA.....	1	1	s17
.....uuggauaccgu <u>aa</u> uugg.....	3	0	s17
.....uuggauaccgu <u>aa</u> uuggaA.....	1	1	s17
.....uuggauaccgu <u>aa</u> uuggacacc.....	1	0	s17
.....caaa <u>uug</u> ga <u>uac</u> cgu <u>aa</u> u.....	1	0	s10
.....caaa <u>uug</u> ga <u>uac</u> cgu <u>aa</u> uu.....	4	0	s10
.....caaa <u>uug</u> ga <u>uac</u> cgu <u>aa</u> uug.....	3	0	s10
.....caaa <u>uug</u> ga <u>uac</u> cgu <u>aa</u> uugg.....	7	0	s10
.....caaa <u>uug</u> ga <u>uac</u> cgu <u>aa</u> uugA.....	1	1	s10
.....caaa <u>uug</u> ga <u>uac</u> cgu <u>aa</u> uugga.....	1	0	s10
.....aaauuggauaccgu <u>aa</u> uu.....	2	0	s10
.....aaauuggauaccgu <u>aa</u> uug.....	4	0	s10
.....aaauuggauaccgu <u>aa</u> uugC.....	1	1	s10
.....aaauuggauaccgu <u>aa</u> uugga.....	20	0	s10
.....aaauuggauaccgu <u>aa</u> uuggU.....	2	1	s10
.....aaauuggauaccgu <u>aa</u> uuggaU.....	2	1	s10
.....aaauuggauaccgu <u>aa</u> uuggac.....	2	0	s10
.....aaauuggauaccgu <u>aa</u> uuggaUa.....	1	1	s10
.....aa <u>uug</u> ga <u>uaccgu<u>aa</u>uugg.....</u>	1	0	s10
.....aa <u>uug</u> ga <u>uaccgu<u>aa</u>uugga.....</u>	2	0	s10
.....a <u>uug</u> ga <u>uaccgu<u>aa</u>uugga.....</u>	1	0	s10
.....a <u>uug</u> ga <u>uaccgu<u>aa</u>uuggaca.....</u>	2	0	s10
.....uuggauaccgu <u>aa</u> uugg.....	2	0	s10
.....uuggauaccgu <u>aa</u> uugga.....	1	0	s10
.....uuggauaccgu <u>aa</u> uuggacacc.....	3	0	s10
.....u <u>g</u> aa <u>uug</u> gacaccuacgc.....	1	0	s10
.....Uaa <u>uug</u> ga <u>uaccgu<u>aa</u>uu.....</u>	1	1	s19
.....caaa <u>uug</u> ga <u>uaccgu<u>aa</u>uu.....</u>	8	0	s19
.....caaa <u>uug</u> ga <u>uaccgu<u>aa</u>uugg.....</u>	6	0	s19
.....Uaa <u>uug</u> ga <u>uaccgu<u>aa</u>uugga.....</u>	1	1	s19
.....caaa <u>uug</u> ga <u>uaccgu<u>aa</u>uugga.....</u>	1	0	s19
.....caaa <u>uug</u> ga <u>uaccgu<u>aa</u>uuggaUa.....</u>	1	1	s19
.....aaauuggauaccgu <u>aa</u> uu.....	2	0	s19
.....aaauuggauaccgu <u>aa</u> uugg.....	2	0	s19
.....aaauuggauaccgu <u>aa</u> uugA.....	5	1	s19
.....aaauuggauaccgu <u>aa</u> uuggU.....	1	1	s19
.....aaauuggauaccgu <u>aa</u> uuggG.....	1	1	s19
.....aaauuAga <u>uaccgu<u>aa</u>uugga.....</u>	1	1	s19
.....aaauuggauaccgu <u>aa</u> uugga.....	11	0	s19
.....aaauuggauaccgu <u>aa</u> uuggaU.....	1	1	s19
.....aaauuggauaccgu <u>aa</u> uuggaA.....	1	1	s19
.....aa <u>uug</u> ga <u>uaccgu<u>aa</u>uugg.....</u>	1	0	s19
.....aa <u>uug</u> ga <u>uaccgu<u>aa</u>uuggaca.....</u>	1	0	s19
.....uuggauaccgu <u>aa</u> uugg.....	1	0	s19
.....uuggauaccgu <u>aa</u> uuggaca.....	1	0	s19
.....caaa <u>uug</u> ga <u>uaccgu<u>aa</u>uu.....</u>	1	0	s14
.....caaa <u>Cgg</u> auaccgu <u>aa</u> uu.....	1	1	s14
.....caaa <u>uug</u> ga <u>uaccgu<u>aa</u>uugg.....</u>	2	0	s14
.....caaa <u>uug</u> ga <u>uaccgu<u>aa</u>uuggaU.....</u>	2	1	s14
.....aaauuggauaccgu <u>aa</u> uu.....	1	0	s14
.....aaauuggauaccgu <u>aa</u> uugga.....	3	0	s14
.....uacaggua <u>ucca</u> auuugagca.....	1	0	s12
.....acaggua <u>ucca</u> auuugagc.....	1	0	s12

## Star

## Mature

gcgaucacguggguguccaacuacaggguauccaauuugagcaacuucaaaauuggauaccuguaauuggacaccuacgccauucgcgcgcucaaucauacgcgauuugaauuggg

.....uugagcaacuucaaaauCggaauaccuguaau.....	1	1	s12
.....caaaauuggauaccuguaau.....	1	0	s12
.....caaaauuggauaccuguaau.....	15	0	s12
.....Uaaaauuggauaccuguaauugg.....	1	1	s12
.....caaaauuggauaccuguaauugC.....	1	1	s12
.....caaaauuggauaccuguaauugA.....	1	1	s12
.....caaaauuggauaccuguaauugg.....	11	0	s12
.....Uaaaauuggauaccuguaauuggaca.....	1	1	s12
.....aaaauuggauaccuguaau.....	10	0	s12
.....aaaauuggauaccuguaauug.....	1	0	s12
.....aaaauuggauaccuguaauugg.....	7	0	s12
.....aaaauuggauaccuguaauuggU.....	2	1	s12
.....aaaauuggauaccuguaauugga.....	22	0	s12
.....aaaauuggauaccuguaauuggaU.....	8	1	s12
.....aaaauuggauaccuguaauuggac.....	1	0	s12
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.....auuggauaccuguaauugg.....	1	0	s12
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.....auuggauaccuguaauugg.....	1	0	s13
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.....caaaauuggauaccuguaauugg.....	4	0	s05
.....caaaauuggauaccuguaauugga.....	1	0	s05
.....aaaauuggauaccuguaau.....	1	0	s05
.....aaaauuggauaccuguaauu.....	1	0	s05
.....aaaauuggauaccuguaauug.....	1	0	s05
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.....aaaauuggauaccuguaauugga.....	9	0	s05
.....aaaauuggauaccuguaauuggac.....	4	0	s05
.....aaaauuggauaccuguaauuggaU.....	11	1	s05
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.....uugagcaacuucaaaauug.....	1	0	s18
.....caaaauuggauaccuguaau.....	1	0	s18
.....aaaauuggauaccuguaauu.....	3	0	s18
.....aaaauuggauaccuguaauugg.....	2	0	s18
.....aaaauuggauaccuguaauugga.....	2	0	s18
.....aaaauuggauaccuguaauuggacG.....	2	1	s18
.....uacaggguauccaauuuga.....	2	0	s02
.....uacaggguauccaauuugagU.....	4	1	s02
.....acaggguauccaauuugagca.....	2	0	s02
.....acuucaaaauuggauaccugu.....	4	0	s02
.....ucaaaauuggauaccuguaau.....	2	0	s02
.....caaaauuggauaccuguaau.....	3	0	s02
.....caaaauuggauaccugAaaau.....	1	1	s02
.....caaaauuggauaccuguaauu.....	43	0	s02

## Star

## Mature

gcgaucacguggguguccaacuacaggguauccaauugagcaacuuc~~caaa~~uuggauaccuguaauuggacaccuacgccauucgcgcguc~~aauc~~auacgcgauuugauuggg

.....caaa <u>uugg</u> auaccAgu <u>aa</u> u.....	1	1	s02
.....U <u>aa</u> uuggauaccugua <u>aa</u> u.....	13	1	s02
.....caaa <u>uugg</u> auaccugua <u>aa</u> u.....	3	0	s02
.....caaa <u>uugg</u> auaccugua <u>aa</u> u <u>gg</u> .....	22	0	s02
.....caaa <u>uugg</u> auaccugua <u>aa</u> u <u>gA</u> .....	5	1	s02
.....U <u>aa</u> uuggauaccugua <u>aa</u> u <u>gg</u> .....	8	1	s02
.....caaa <u>u</u> C <u>gg</u> auaccugua <u>aa</u> u <u>gg</u> .....	3	1	s02
.....caaa <u>uugg</u> auaccugua <u>aa</u> u <u>ggU</u> .....	6	1	s02
.....caaa <u>uugg</u> auaccugua <u>aa</u> u <u>ggg</u> .....	13	0	s02
.....caaa <u>uugg</u> auaccugua <u>aa</u> u <u>ggG</u> .....	1	1	s02
.....caaa <u>uugg</u> auaccugua <u>aa</u> u <u>gggA</u> .....	3	1	s02
.....U <u>aa</u> uuggauaccugua <u>aa</u> u <u>gggaca</u> .....	1	1	s02
.....aaa <u>uugg</u> auaccugua <u>aa</u> u.....	6	0	s02
.....aaa <u>u</u> u <u>gg</u> Cuaccugua <u>aa</u> u.....	1	1	s02
.....aaa <u>u</u> u <u>gg</u> auaccugua <u>aa</u> u.....	15	0	s02
.....aaa <u>u</u> u <u>gg</u> auaccugua <u>aa</u> u <u>g</u> .....	10	0	s02
.....aaa <u>u</u> u <u>gg</u> auaccugua <u>aa</u> u <u>gg</u> .....	1	1	s02
.....aaa <u>u</u> C <u>gg</u> auaccugua <u>aa</u> u <u>gg</u> .....	2	1	s02
.....aaa <u>u</u> u <u>gg</u> auaccugua <u>aa</u> u <u>ggA</u> .....	2	1	s02
.....aaa <u>u</u> u <u>gg</u> auaccugua <u>aa</u> u <u>gg</u> .....	1	1	s02
.....aaa <u>u</u> u <u>gg</u> auaccugua <u>aa</u> u <u>gg</u> .....	15	0	s02
.....aaa <u>u</u> u <u>gg</u> auaccugA <u>aa</u> u <u>ggg</u> .....	1	1	s02
.....aaa <u>u</u> u <u>gg</u> auaccugua <u>aa</u> u <u>ggC</u> .....	1	1	s02
.....aaa <u>u</u> u <u>gg</u> auaccugua <u>aa</u> u <u>ggg</u> .....	74	0	s02
.....aaa <u>u</u> u <u>gg</u> auaccugua <u>aa</u> u <u>ggU</u> .....	14	1	s02
.....aaa <u>u</u> u <u>gg</u> auaccugua <u>aa</u> u <u>gggA</u> .....	1	1	s02
.....aaa <u>u</u> u <u>gg</u> auaccugua <u>aa</u> u <u>gggU</u> .....	26	1	s02
.....aaa <u>u</u> u <u>gg</u> auaccugua <u>aa</u> u <u>gggac</u> .....	12	0	s02
.....aaa <u>u</u> u <u>gg</u> auaccG <u>g</u> ua <u>aa</u> u <u>gggac</u> .....	1	1	s02
.....aaa <u>u</u> u <u>gg</u> auaccugua <u>aa</u> u <u>gggUca</u> .....	1	1	s02
.....aaa <u>u</u> u <u>gg</u> auaccugua <u>aa</u> u <u>gggaca</u> .....	1	0	s02
.....aaa <u>u</u> u <u>gg</u> auaccugua <u>aa</u> u <u>gggUa</u> .....	1	1	s02
.....aaa <u>u</u> u <u>gg</u> auaccugua <u>aa</u> u <u>gggacU</u> .....	3	1	s02
.....aa <u>u</u> u <u>gg</u> auaccugua <u>aa</u> u.....	3	0	s02
.....aa <u>u</u> u <u>gg</u> auaccugua <u>aa</u> u <u>gg</u> .....	7	0	s02
.....aa <u>u</u> u <u>gg</u> auaccugua <u>aa</u> u <u>ggA</u> .....	1	1	s02
.....aa <u>u</u> u <u>gg</u> auaccugua <u>aa</u> u <u>ggG</u> .....	1	1	s02
.....aa <u>u</u> u <u>gg</u> auaccugua <u>aa</u> u <u>gggaca</u> .....	8	0	s02
.....aa <u>u</u> u <u>gg</u> auaccugua <u>aa</u> u <u>gggacG</u> .....	1	1	s02
.....a <u>u</u> u <u>gg</u> auaccugua <u>aa</u> u <u>gggacU</u> .....	1	1	s02
.....u <u>u</u> g <u>g</u> auaccugua <u>aa</u> u <u>gg</u> .....	1	0	s02
.....u <u>u</u> g <u>g</u> auaccugua <u>aa</u> u <u>gggac</u> .....	1	0	s02
.....u <u>u</u> g <u>g</u> auaccugua <u>aa</u> u <u>gggaca</u> .....	1	0	s02
.....u <u>u</u> g <u>g</u> auaccugua <u>aa</u> u <u>ggGcacc</u> .....	1	1	s02
.....u <u>u</u> g <u>g</u> auaccugua <u>aa</u> u <u>gggacacc</u> .....	1	1	s02
.....u <u>u</u> g <u>g</u> auaccugua <u>aa</u> u <u>gggacacc</u> .....	11	0	s02
.....u <u>g</u> g <u>g</u> auaccugua <u>aa</u> u <u>gggaca</u> .....	3	0	s02
.....caaa <u>u</u> u <u>gg</u> auaccugua <u>aa</u> u <u>gg</u> .....	1	0	s11