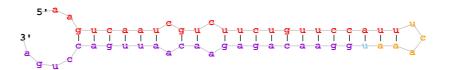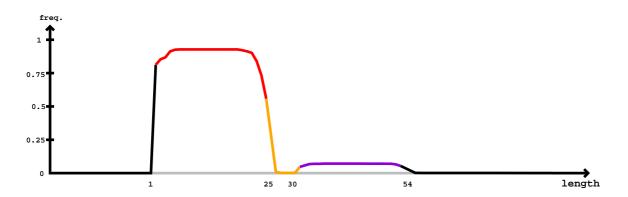Provisional ID   : chromosome_4_111766
Score total   :   7652.7
Score for star read(s) :   3.9
Score for read counts :   7645.5
Score for mfe   :   1.7
Score for randfold   :   1.6
Score for cons. seed :
Total read count   :   15008
Mature read count   :   13957
Loop read count   :   0
Star read count   :   1051

	Mature		Star	

```
5'- ucgaugaguugucuaaauuuaagucaaucgucuucuguuccauuucaaauggaacagagaacaauugaccugaauuuggaccaacacggauugucaugaauuguugucgg  -3'   obs
    ucgaugaguugucuaaauuuaagucaaucgucuucuguuccauuucaaauggaacagagaacaauugaccugaauuuggaccaacacggauugucaugaauuguugucgg        exp
    .(((((((((((((((((((((.((((((.((.((((((((((((...))))))))))))).)).))))))).)))))))))).))))...(((((......))))).)))))).
```

	reads	mm	sample
..................aagucaaucgucuucugA..	1	1	s16
..................aagucaaucgucuCCuguu..	1	1	s16
..................aagucaaucgucuucuguuU..	1	1	s16
..................aagucGaucgucuucuguuc..	2	1	s16
..................aagucaaucgucuucuguuc..	1	0	s16
..................aagucaaucgucuucuguucA...	2	1	s16
..................aagucaaucgucuucuguucc...	7	0	s16
..................aagucaaucgucuucuguucU...	1	1	s16
..................aagGcaaucgucuucuguucc...	1	1	s16
..................aagucaaucgucuucuguuccC...	1	1	s16
..................aagucaaucgucuucuguucca...	12	0	s16
..................aagucaaucguUucuguuccau..	1	1	s16
..................aagucaaucgucuucGguuccau...	1	1	s16
..................aGgucaaucgucuucuguuccau...	1	1	s16
..................aagucaaucgucuucuguuccau...	55	0	s16
..................aagucaaucgucuucuguuccaC..	2	1	s16
..................aagucaaucgucuGcuguuccauu...	3	1	s16
..................aagucGaucgucuucuguuccauu...	1	1	s16
..................aagucaaucgucuucuguuccUuu..	1	1	s16
..................aagucaaucgucuucuguuccauA..	14	1	s16
..................aaCucaaucgucuucuguuccauu..	3	1	s16
..................Gagucaaucgucuucuguuccauu..	3	1	s16
..................aagucaaucgucCucuguuccauu..	1	1	s16
..................aagucaaGcgucuucuguuccauu..	1	1	s16
..................aagucaaucgucuucuguuccaGu..	3	1	s16
..................aGgucaaucgucuucuguuccauu..	4	1	s16
..................aagucaaucgucuucGguuccauu..	1	1	s16
..................aagucaaAcgucuucuguuccauu..	1	1	s16
..................aagucaaucgucuucuguuccauC..	38	1	s16
..................aagucaaucgucuucuUuuccauu..	1	1	s16
..................aagucaaucgAcuucuguuccauu..	1	1	s16
..................aagucaGucgucuucuguuccauu..	1	1	s16
..................aagucaaucgucuucuguuccauu..	208	0	s16

```
ucgaugaguugucuaaauuuaagucaaucgucuucuguuccauucaaauggaacagagaacaauugaccugaauuuggaccaacacggauugucaugaauuguugucgg

.................aagucaaucgucuucugCuccauu.............................................................  1    1   s16
.................aagucaaucgucuuGuguuccauu............................................................  1    1   s16
.................aGgucaaucgucuucuguuccauuu...........................................................  1    1   s16
.................aagucaaucgucuucuguuccauuu...........................................................  33   0   s16
.................aagucaaucgucuucuguuccauuA...........................................................  2    1   s16
.................aagucaaucgucuucuguuccauAu...........................................................  9    1   s16
.................aagucaaucgucuucuguuccauuC...........................................................  7    1   s16
.................aagucaaucgucuucuguuccaAuu...........................................................  3    1   s16
.................aagucaaucgucuucugCuccauuu...........................................................  1    1   s16
.................aagucaaucgucuucGguuccauuu...........................................................  1    1   s16
.................aagucaaucgucuucuguuccauuuA..........................................................  1    1   s16
.................aagucaaucgucuucuguuccauuuUa.........................................................  2    1   s16
..................agucaaucgucuucuguuccau............................................................  5    0   s16
..................agucaaucgucuucuguuccauu...........................................................  10   0   s16
..................agucaaucgucuucuguuccauA...........................................................  3    1   s16
..................agucaaucgucuucuguuccauAuc.........................................................  1    1   s16
..................agucaaucgucuucuguuccauuucaaaug....................................................  2    0   s16
...................gucaaucgucuucuguucca.............................................................  2    0   s16
...................gucaaucgucuucuguuccauu...........................................................  1    0   s16
....................ucaaucgucuucuguucc..............................................................  2    0   s16
....................ucaaucgucuucuguucU..............................................................  1    1   s16
....................ucaaucgucuucuguuccau............................................................  4    0   s16
....................ucaaucgucuucuguuccaC............................................................  1    1   s16
....................ucaaucgucuucuguuccaCu...........................................................  1    1   s16
....................ucaaucgucuucuguuccauu...........................................................  1    0   s16
.....................caaucgucuucuguuccauu...........................................................  1    0   s16
.....................caaucgucuucuguuccaCu...........................................................  1    1   s16
.....................caaucgucuucuguuccauAu..........................................................  1    1   s16
......................aaucgucuucuguuccauu...........................................................  1    0   s16
......................aaucgucuucuguuccauuC..........................................................  1    1   s16
...........................................auuucaaaggaacagagGacaauugaccu............................  1    1   s16
.....................................................ggaacagagGacaauugaccuga........................  3    1   s16
.....................................................ggaacagagaacaauugaccugaU.......................  2    1   s16
......................................................gaacagagaacaauugaccu..........................  1    0   s16
........................................................aacagagGacaauugaccug........................  1    1   s16
........................................................aacagagaacaauugaccuUa.......................  1    1   s16
........................................................aacagagaacaauugaccuCa.......................  2    1   s16
.........................................................acagagaacaauugaccA.........................  2    1   s16
.........................................................acagagGacaauugaccug........................  2    1   s16
..........................................................agagaacaauugaccuga........................  2    0   s16
..........................................................agagaacaauugaccugaU.......................  1    1   s16

.............aagucaaucgucuucuUu.....................................................................  2    1   s07
.............aagucaaucgucuucuAu.....................................................................  5    1   s07
.............aagucaaucgucuucugu.....................................................................  3    0   s07
.............aagucaaucgucuucuguC....................................................................  1    1   s07
.............aagucaaucgucuucuguu....................................................................  5    0   s07
.............aagucaaucgucuucuguA....................................................................  2    1   s07
.............aagucaaucgucuucuguU....................................................................  1    1   s07
.............aagucaaucgucuucuguuc...................................................................  6    0   s07
.............aagucaaCcgucuucuguucc..................................................................  1    1   s07
.............aagucaaucgucuucuguucU..................................................................  10   1   s07
.............aagucaaucgucCucuguucc..................................................................  1    1   s07
.............aagucaaucgucuucuguucc..................................................................  22   0   s07
.............aagucaaucgucuucuguucA..................................................................  30   1   s07
.............aagucaaucgCcucuguucc...................................................................  1    1   s07
.............aagucaaucgucuucugCucca.................................................................  1    1   s07
.............aagucaaucgucuucuguuccG.................................................................  4    1   s07
.............aagucaaucgucCucuguucca.................................................................  1    1   s07
.............aagucaaucgucuucGguucca.................................................................  1    1   s07
.............aagucaaucUucuucuguucca.................................................................  1    1   s07
.............aagucaaucgucuucCguucca.................................................................  2    1   s07
.............aagucaaucgucuucuguuccU.................................................................  4    1   s07
.............Uagucaaucgucuucuguucca.................................................................  2    1   s07
.............aagCcaaucgucuucuguucca.................................................................  1    1   s07
.............aagucaaucgucuucuguucca.................................................................  109  0   s07
.............aagucaGucgucuucuguucca.................................................................  1    1   s07
.............aGgucaaucgucuucuguucca.................................................................  2    1   s07
Caagucaaucgucuucuguucca.............................................................................  2    1   s07
.............aagucaaucgucuucuguucAa.................................................................  1    1   s07
```

ucgaugaguugucuaaauuuaagucaaucgucuucuguuccauuucaaauggaacagagaacaauugaccugaauuuggaccaacacggauugucaugaauuguugucgg

Sequence	Count		
....................aagucaaucgucuCcuguucca..	1	1	s07
....................aagucaaucgucuucuguuccC..	4	1	s07
....................aagucaaucgucuucGguuccau..	2	1	s07
....................aagucaaucgucuucuguucAau..	2	1	s07
....................aagucGaucgucuucuguuccau..	3	1	s07
....................aagucaaucgucuucuguuccGu..	8	1	s07
....................aagCcaaucgucuucuguuccau..	1	1	s07
....................aagucaaucCucuucuguuccau..	1	1	s07
....................aagucaaucgucuAcuguuccau..	1	1	s07
....................aagAcaaucgucuucuguuccau..	1	1	s07
....................aagucaaucguUucuguuccau..	1	1	s07
....................aagucaaucgucuuUuguuccau..	1	1	s07
....................aagucaaucgucuucuguuccUu..	4	1	s07
....................aGgucaaucgucuucuguuccau..	2	1	s07
....................aagucaaucgucuucuguuccau..	218	0	s07
....................aagucaaucguAuucuguuccau..	2	1	s07
....................aagucaaucgucuucuguuccaA..	4	1	s07
....................aagucaaucgucuucuguuccaC..	39	1	s07
....................aagucaaucgucuuGuguuccau..	1	1	s07
....................aagucaaucgucuCcuguuccau..	3	1	s07
....................aagucaaCcgucuucuguuccau..	1	1	s07
....................aagucaaucgucuucugCuccau..	1	1	s07
....................aagucaaucgucuCcuguuccauu..	2	1	s07
....................aagucaaucgucuAcuguuccauu..	1	1	s07
....................aagucaaucgucuucuguuccaCu..	13	1	s07
....................aagucaaucguUucuguuccauu..	1	1	s07
....................aagucaaucgucuucuguuccauu..	550	0	s07
....................aagucaaucgucuucugCuccauu..	5	1	s07
....................aagucaaucgCcuucuguuccauu..	1	1	s07
....................aagucaaucgucuucuguuccaGu..	10	1	s07
....................aagucaaucUucuucuguuccauu..	1	1	s07
....................aagucaaucgucuGcuguuccauu..	2	1	s07
....................aagucGaucgucuucuguuccauu..	1	1	s07
....................Gagucaaucgucuucuguuccauu..	1	1	s07
....................aagucaaucgucGucuguuccauu..	3	1	s07
....................aagucaaucgucuucuCuuccauu..	1	1	s07
....................aagucaaucgucuucuguuccauA..	115	1	s07
....................aagucaGucgucuucuguuccauu..	5	1	s07
....................aagucaaucgucuucugAuccauu..	1	1	s07
....................aagCcaaucgucuucuguuccauu..	2	1	s07
....................aagucaaucgucuucuguucAauu..	2	1	s07
....................Cagucaaucgucuucuguuccauu..	2	1	s07
....................aagucaaucgucuucuguuccauG..	7	1	s07
....................aagucaaucgucCucuguuccauu..	4	1	s07
....................aagucaaucgucuucuguuccaAu..	7	1	s07
....................aagucaaucgucuucCguuccauu..	3	1	s07
....................aagucaaucgucuucuguuccauC..	84	1	s07
....................aagucaaucgucuucuguuccGuu..	2	1	s07
....................aGgucaaucgucuucuguuccauu..	3	1	s07
....................aagucaaucgucuucuguuccauuu..	45	0	s07
....................aagucaaucgucuCcuguuccauuu..	2	1	s07
....................aagucaaAcgucuucuguuccauuu..	1	1	s07
....................aagucaaucgucuucuguuccauAu..	4	1	s07
....................aagucGaucgucuucuguuccauuu..	1	1	s07
....................aagucaaucgucuucuguuccauuC..	5	1	s07
....................aagucaaucgucuucuguuccaAuu..	5	1	s07
....................aagucaaucgucuucuguuccCuuu..	1	1	s07
....................aagucaaucgucuucuguucAauuu..	1	1	s07
....................aagucaaucgucuucuguuccauuA..	14	1	s07
....................aagucaaucgucuucuguuccauuU..	3	1	s07
....................aagucaaucgucuucuguuccauAuc..	11	1	s07
....................aagucaaucgucuucuguuccauuuA..	5	1	s07
....................aagucaaucgucuucuguuccauuAc..	1	1	s07
.....................agucaaucgucuucuguuccaA..	1	1	s07
.....................agucaaucgucuucuguuccaC..	3	1	s07
.....................agucaaucgucuucuguuccGu..	1	1	s07
.....................agucaaucgucuucuguuccau..	4	0	s07
....................agucaaucgucuucugGuccauu..	1	1	s07
....................agucaaucgucuucuguuccauuucaaauggaacagagaacaauugaccuga...	56	0	s07
.....................agCcaaucgucuucuguuccauu..	2	1	s07

```
ucgaugaguugucuaaauuuaagucaaucgucuucuguuccauuucaaauggaacagagaacaauugaccugaauuuggaccaacacggauugucaugaauuguugucgg
```

Sequence	Count	Flag	Sample
....................agucaaucgucuucuguuccaCu..	5	1	s07
....................agucaaucgucuucuguuccauC..	6	1	s07
....................agucaaucgucuucuguuccauA..	5	1	s07
....................Ggucaaucgucuucuguuccauu..	1	1	s07
....................agucaaCcgucuucuguuccauu..	1	1	s07
....................agucaaucgucuucuguuccauuA...	1	1	s07
....................agucaaucgucuucuguuccauuu...	5	0	s07
....................agucaaucgucuucuguuccaAuu...	1	1	s07
....................agucaaucgucuucuguuccauuuA..	1	1	s07
....................agucaaucgucuucuguuccauuuU..	2	1	s07
.....................gucaaucgucuucuguucU..	1	1	s07
.....................gucaaucgucuucuguucA..	3	1	s07
.....................gucaaucgucuucuguuccG..	1	1	s07
.....................gucaaucgucuucuguGccauu..	1	1	s07
.....................gucaaucgucuucuguuccauu..	8	0	s07
.....................gucaaucgucuucuguuccauC..	2	1	s07
.....................gucaaucgucuucuguCccauu..	1	1	s07
.....................gucaaucgucuCcguuccauu..	2	1	s07
.....................gucaaucgucuucuguuccauuA...	1	1	s07
......................ucaaucgucuucuguucU..	1	1	s07
......................ucaaucgucuucuguucA..	3	1	s07
......................ucaaucgucuucuguucc..	4	0	s07
......................ucaaucgucuucuguuccC...	1	1	s07
......................ucaaucgucuucuguucca...	25	0	s07
......................ucaaucgucuucuguuccau..	17	0	s07
......................ucaaucgucuucuguuccaC..	3	1	s07
......................ucaaucgucuucuguuccCu..	1	1	s07
......................ucaaucgucuucuguuccauu...	7	0	s07
......................ucaaucgucuucuguuccauC...	1	1	s07
......................ucaaucgucuucuguuccauG...	1	1	s07
......................ucaaucgucuCcguuccauu...	1	1	s07
......................ucaaucgucuucuguuccauuC..	1	1	s07
.......................caaucgucuucugAucca...	1	1	s07
.......................caaucgucuucuguccU..	1	1	s07
.......................caaucgucuucuguucca...	1	0	s07
.......................caaucgucuucuguuccaC..	1	1	s07
.......................caaucgucuucuguuccau...	10	0	s07
.......................caaucgucuucuguuccauu..	9	0	s07
.......................caaucgucuucuguuccauA..	2	1	s07
.......................caaucgucuucuguuccaCu..	1	1	s07
.......................caaucgucuucuguuccauC..	1	1	s07
.......................caaucgucuucuguuccauAu...	5	1	s07
........................aaucgucuucuAuuccau...	1	1	s07
........................aaucgucuucuguuccauC..	1	1	s07
........................aaucgucuucuguuccauu..	1	0	s07
........................aaucgucuucuguuccauAu...	1	1	s07
....caaauggaacagagGacaau..................................	2	1	s07
....ggaacagagaacaauugacU................................	1	1	s07
....ggaacagagaacaauugacc................................	5	0	s07
....ggaacagagGacaauugacc................................	1	1	s07
....ggaacagagGacaauugaccu...............................	5	1	s07
....ggaacagagaacaauugaccug..............................	1	0	s07
....ggaacagagGacaauugaccug..............................	15	1	s07
....ggaacagagGacaauugaccuga.............................	93	1	s07
....ggaacagagaacaauugaccuga.............................	8	0	s07
....ggaacagagaacaauugaccugaC............................	1	1	s07
....ggaacagagaacaauugaccugaU............................	8	1	s07
....ggaacagagGacaauugaccugaa............................	2	1	s07
....gaacagagGacaauugacc................................	2	1	s07
....gaacagagGacaauugaccu...............................	7	1	s07
....gaacagagaacaauugaccA................................	1	1	s07
....gaacagagaacaauugaccu...............................	3	0	s07
....gaacagagGacaauugaccuga.............................	23	1	s07
....gaacagagGacaauugaccugaa............................	1	1	s07
....gaacagagaacaauugaccugaU............................	7	1	s07
....aacagagaacaauugacA................................	2	1	s07
....aacagagaacaauugacc................................	1	0	s07
....aacagagaacaauugaccu...............................	4	0	s07
....aacagagGacaauugaccu...............................	12	1	s07
....aacagagaacaauugacAu...............................	5	1	s07

Mature   **Star**

```
ucgaugaguugucuaaauuuaagucaaucgucuucuguuccauucaaauggaacagagaacaauugaccugaauuuggaccaacacggauugucaugaauuguugucgg
```

Sequence	Count	Flag	Sample
....aacagagaacaauugaccA..	8	1	s07
....aacagagaacaauugaccC..	2	1	s07
....aacagagaacaauugaccuA.......................................	3	1	s07
....aacagagaacaauugaccug.......................................	1	0	s07
....aacagagGacaauugaccug.......................................	7	1	s07
....aacagagaacaauugaccuU.......................................	1	1	s07
....acagagaacaauugaccu..	5	0	s07
....acagGgaacaauugaccu..	1	1	s07
....acagagGacaauugaccu..	1	1	s07
....acagagaacaauugaccA..	1	1	s07
....acagagaacaauugaccAg.......................................	1	1	s07
....acagagGacaauugaccuga.....................................	1	1	s07
....agagaacaauugaccuga.......................................	1	0	s07
....agagaacaauugaccugaU......................................	1	1	s07
....agagaacaauugaccugaUu.....................................	1	1	s07
....auuuggaccaacacggauug...................	1	0	s07
....auuuggaccaacacggauugu..................	1	0	s07
....auuuggaccaacacggauuguA.................	1	1	s07
....auuuggaccaacacggauugucaugaauuug.......	3	0	s07
...................Caagucaaucgucuucuguuccau..	1	1	s09
....................aagucaaucgucuucugu...	1	0	s09
....................aagucaaucgucuucuguC..	1	1	s09
....................aagucaaucgucuucuguu..	1	0	s09
....................aagucaaucgucuucuguuc...	2	0	s09
....................aagucaaucgucuucuguucU..	4	1	s09
....................aagucaaucgucuucuguucc..	18	0	s09
....................aagucaaucguUuucuguucc..	2	1	s09
....................aagucaaucgucuucuguCcc..	1	1	s09
....................aagucaaCcgucuucuguucc..	1	1	s09
....................aagucaaucgucuucuguucA..	4	1	s09
...................aGgucaaucgucuucuguucca...	2	1	s09
....................aagucaaucgucuucuguuccU...	2	1	s09
....................aagucaaucgucuucuguucca...	52	0	s09
...................aagCcaaucgucuucuguucca...	2	1	s09
....................aagucaaucUucuucuguucca..	1	1	s09
....................aagucaaucgucuucuguuccG..	4	1	s09
....................aagucaaucgucuucuguAcca..	1	1	s09
....................aagucaaucgucuucuUuucca..	1	1	s09
...................Gagucaaucgucuucuguuccau..	3	1	s09
....................aagucaaucgucuucuguuccaC.......................................	32	1	s09
....................aagucaaucgucuucuguuccau.......................................	109	0	s09
....................aagucGaucgucuucuguuccau.......................................	1	1	s09
....................aagucaaucgucuUAcuguuccau......................................	1	1	s09
...................aCgucaaucgucuucuguuccau.......................................	1	1	s09
....................aagucaaucgucuucuguuccGu......................................	4	1	s09
....................aagucaaucgucuucuguuccaG......................................	1	1	s09
....................aagucaaucgucuucCguuccau......................................	1	1	s09
....................aagucaaucgucuucuguGccauu.....................................	1	1	s09
...................aagCcaaucgucuucuguuccauu.....................................	3	1	s09
....................aagucaaucgucuucugGuccauu....................................	1	1	s09
....................aagucaaucgucuucuguuccauu....................................	348	0	s09
....................Cagucaaucgucuucuguuccauu....................................	2	1	s09
....................aagucaaucgucuucuguuccaAu....................................	1	1	s09
....................aagucaaucgucuAcuguuccauu....................................	2	1	s09
....................aagucaaucgucuuGguuccauu....................................	1	1	s09
....................aagucaaucgucuucuguuccauA...................................	43	1	s09
....................aaguAaaucgucuucuguuccauu...................................	1	1	s09
....................aagucaaucgucuucuguuccaCu...................................	4	1	s09
....................aagucaaucgucCucuguuccauu...................................	3	1	s09
....................aagucaaucgucuucuguuccaGu...................................	4	1	s09
....................aagucaaucgGcuucuguuccauu...................................	1	1	s09
...................aGgucaaucgucuucuguuccauu...................................	2	1	s09
....................aagucaaucgucuucCguuccauu...................................	2	1	s09
....................aagucaaucgucuucuUuccauu...................................	2	1	s09
...................Gagucaaucgucuucuguuccauu...................................	2	1	s09
....................aagucaaucgucuucuAuccauu...................................	1	1	s09
....................aagucGaucgucuucuguuccauu..................................	2	1	s09
....................aagucaaCcgucuucuguuccauucaaauggaacagagaacaauugaccuga........	3	1	s09
....................aagucaaucgucuucuguuccauC..................................	42	1	s09
```

ucgaugaguugucuaaauuuaagucaaucgucuucuguuccauuucaaauggaacagagaacaauugaccugaauuuggaccaacacggauugucaugaauuguugucgg

| Sequence | Count | Other | Sample |
|----------|-------|-------|--------|
| ....................aagucaaucgucuucGguuccauu.................................................................. | 2 | 1 | s09 |
| ....................aagucaGucgucuucuguuccauu.................................................................. | 2 | 1 | s09 |
| ....................aagucaaucgucuCcguuccauu.................................................................. | 2 | 1 | s09 |
| ....................aagucaaucgucuucuguuccauuu................................................................. | 35 | 0 | s09 |
| ....................aagucaaucgucuucuguuccauuC................................................................ | 4 | 1 | s09 |
| ....................aagucaaucgucuucuguuccaAuu................................................................ | 2 | 1 | s09 |
| ....................aagucaaucgucuucuguuccauAu................................................................ | 6 | 1 | s09 |
| ....................aagucaaucgucuucuguuccauuA................................................................ | 3 | 1 | s09 |
| ....................aagucaaucgucuucuguuccauCu................................................................ | 1 | 1 | s09 |
| ....................aagucaaucgucuucuguuccauuuU............................................................... | 2 | 1 | s09 |
| ......................agucaaucgucuucuguuccau................................................................. | 1 | 0 | s09 |
| ......................agCcaaucgucuucuguuccau................................................................. | 1 | 1 | s09 |
| ......................agucaauUgcgucuucuguuccauu.............................................................. | 1 | 1 | s09 |
| ......................agucaaucgucuucuguuccauC............................................................... | 1 | 1 | s09 |
| ......................agucaaucgucuucuguuccauA............................................................... | 1 | 1 | s09 |
| ......................agucaaucgucuucuguuccauu............................................................... | 10 | 0 | s09 |
| ......................agucaaucgucuucugGuccauu............................................................... | 1 | 1 | s09 |
| ......................agucaaucgucuucuguuccauuu.............................................................. | 1 | 0 | s09 |
| ......................agucaaucgucuucuguuccauuU.............................................................. | 1 | 1 | s09 |
| ........................gucaaucgucuucuguucca................................................................ | 3 | 0 | s09 |
| ........................gucaaucgucuucuguuccauu.............................................................. | 1 | 0 | s09 |
| ..........................ucaaucgucuucuguucc................................................................ | 1 | 0 | s09 |
| ..........................ucaaucgucuucuguucca............................................................... | 5 | 0 | s09 |
| ..........................ucaaucgucuucuguuccau.............................................................. | 13 | 0 | s09 |
| ..........................ucaaucgucuucuAuuccau.............................................................. | 1 | 1 | s09 |
| ..........................ucaaCcgucuucuguuccau.............................................................. | 1 | 1 | s09 |
| ..........................ucaaucgucuucuguuccauC............................................................. | 1 | 1 | s09 |
| ..........................ucaaucgucuucuguuccauu............................................................. | 7 | 0 | s09 |
| ..........................Ccaaucgucuucuguuccauu............................................................. | 1 | 1 | s09 |
| ..........................ucaaucgucuucuguuccauG............................................................. | 1 | 1 | s09 |
| ..........................ucaaucgucuucuguuccauuA............................................................ | 2 | 1 | s09 |
| ...........................caaucgucuucuguuccauu............................................................. | 2 | 0 | s09 |
| ...............................................ggaacagagGacaauugacc......................................... | 1 | 1 | s09 |
| ...............................................ggaacagagGacaauugaccug....................................... | 4 | 1 | s09 |
| ...............................................ggaacagagaacaauugaccuga...................................... | 1 | 0 | s09 |
| ...............................................ggaacagagGacaauugaccuga...................................... | 10 | 1 | s09 |
| ..................................................aacagagaacaauugaccu....................................... | 1 | 0 | s09 |
| ..................................................aacagagGacaauugaccu....................................... | 1 | 1 | s09 |
| ..............................................................auuuggaccaGcacggauugucaugaauug............... | 2 | 1 | s09 |
| | | | |
| ....................aagucaaucgucuucuguucU.................................................................... | 7 | 1 | s04 |
| ....................aagucaaucgucuucuguuccau................................................................. | 2 | 0 | s04 |
| ....................aagucaGucgucuucuguuccau................................................................. | 1 | 1 | s04 |
| ....................aagucaaucgucuucuguuccaC................................................................. | 1 | 1 | s04 |
| ....................aagucaaGcgucuucuguuccauu................................................................ | 1 | 1 | s04 |
| ....................aagucaaucgucuucuguucUauu................................................................ | 1 | 1 | s04 |
| ....................aagucaaucgucuucuguuccauu................................................................ | 25 | 0 | s04 |
| ....................aagucaaucgucGucuguuccauu................................................................ | 1 | 1 | s04 |
| ....................aagucaaucUucuucuguuccauu................................................................ | 1 | 1 | s04 |
| ....................aagucaaucgucuucuguuccauC................................................................ | 2 | 1 | s04 |
| ....................aagucaaucgucuucuguuccauA................................................................ | 2 | 1 | s04 |
| ....................aagucaaucgucuucuguuccauuu............................................................... | 1 | 0 | s04 |
| | | | |
| ....................aagucaaucgucuucugu...................................................................... | 1 | 0 | s08 |
| ....................aagucaaucgucuucuguu..................................................................... | 6 | 0 | s08 |
| ....................aagucaaucgucuucuguuc.................................................................... | 6 | 0 | s08 |
| ....................aagucaaucgucuucuguuU.................................................................... | 1 | 1 | s08 |
| ....................aagucaaucgucuucuguucc................................................................... | 23 | 0 | s08 |
| ....................aagucaaucgucuucuguucA................................................................... | 3 | 1 | s08 |
| ....................aagucaaucgucuucuguucU................................................................... | 4 | 1 | s08 |
| ....................aagucaaucgucuucuguuccC.................................................................. | 2 | 1 | s08 |
| ....................aagucaaucgucuucuguucUa.................................................................. | 1 | 1 | s08 |
| ....................aGgucaaucgucuucuguucca.................................................................. | 1 | 1 | s08 |
| ....................aagucaaucgucuucuguucca.................................................................. | 24 | 0 | s08 |
| ....................aagucaaucgucuucuguuccG.................................................................. | 2 | 1 | s08 |
| ....................aagucaaucAucuucuguucca.................................................................. | 1 | 1 | s08 |
| ....................aagucaaucgucuucugGucca.................................................................. | 2 | 1 | s08 |
| ....................aaguCaaucgucuucuguuccGu................................................................. | 1 | 1 | s08 |
| ....................aagucaCucgucuucuguuccauucaaauggaacagagaacaauugaccuga.................................... | 1 | 1 | s08 |
| ....................aagucaaucgCcuucuguuccau................................................................. | 1 | 1 | s08 |

**Mature**　　　　　**Star**

ucgaugaguugucuaaauuuaagucaaucgucuucuguuccauuucaaauggaacagagaacaauugaccugaauuuggaccaacacggauugucaugaauuguugucgg

| | | | |
|---|---|---|---|
| ...................aagucaaucgucuucuguuccau................................................................ | 29 | 0 | s08 |
| ...................aagucaaucgucuucugCuccau................................................................ | 1 | 1 | s08 |
| ...................aagucaaucgucuucuguuccaC................................................................ | 9 | 1 | s08 |
| ...................aagucaaucgucuucuguuccauA............................................................... | 8 | 1 | s08 |
| ...................aGgucaaucgucuucuguuccauu............................................................... | 1 | 1 | s08 |
| ...................aagucaaucgucuucuguuccauG............................................................... | 1 | 1 | s08 |
| ...................aagucaaCcgucuucuguuccauu............................................................... | 1 | 1 | s08 |
| ...................aagucaaucgucuucuguuccauu............................................................... | 121 | 0 | s08 |
| ...................aagucaaucgucuuUuguuccauu............................................................... | 1 | 1 | s08 |
| ...................aagucGaucgucuucuguuccauu............................................................... | 1 | 1 | s08 |
| ...................aagucaaucgucuucuguuccGuu............................................................... | 1 | 1 | s08 |
| ...................aagucaaucgCcuucuguuccauu............................................................... | 1 | 1 | s08 |
| ...................aagucaaucgucuucuguuccaCu............................................................... | 1 | 1 | s08 |
| ...................aagucaaucgucuucuguuccauC............................................................... | 37 | 1 | s08 |
| ...................aagucUaucgucuucuguuccauu............................................................... | 1 | 1 | s08 |
| ...................aagucaaucgucuucuguuccaGu............................................................... | 3 | 1 | s08 |
| ...................aagucaaucgucuucuguAccauu............................................................... | 1 | 1 | s08 |
| ...................aagucaaucgucuucuguuccaAu............................................................... | 3 | 1 | s08 |
| ...................aagucaaucgucuucugCuccauu............................................................... | 1 | 1 | s08 |
| ...................aagucaaucgucuucuguuccauGu.............................................................. | 1 | 1 | s08 |
| ...................aagucaaucgucuucuguuccauuC.............................................................. | 3 | 1 | s08 |
| ...................aagucaaucgucuuGuguuccauuu.............................................................. | 1 | 1 | s08 |
| ...................aagucaaucgucuucuguuccauuA.............................................................. | 2 | 1 | s08 |
| ...................aagucaaucgucuucugCuccauuu.............................................................. | 1 | 1 | s08 |
| ...................aagucaaucgucuucuguuccauuu.............................................................. | 20 | 0 | s08 |
| ...................aagucaaucgucuucuguuccauuA.............................................................. | 3 | 1 | s08 |
| ...................aagucaaucgucuucuguuccauuuUa............................................................ | 1 | 1 | s08 |
| ....................agucaaucgucuucuguuU.................................................................. | 1 | 1 | s08 |
| ....................agucaaucgucuucuguuc................................................................... | 1 | 0 | s08 |
| ....................agucaaucgucuucuguucA.................................................................. | 1 | 1 | s08 |
| ....................agucaaucgucuucuguuccauu............................................................... | 6 | 0 | s08 |
| ....................agucaaucgucuucuguuccauA............................................................... | 1 | 1 | s08 |
| ....................agucaaucgucuucuguuccauC............................................................... | 3 | 1 | s08 |
| .....................gucaaucgucuucuguucA.................................................................. | 2 | 1 | s08 |
| .....................gCcaaucgucuucuguuccauu............................................................... | 3 | 1 | s08 |
| ......................ucaaucgucuucuguuAc.................................................................. | 1 | 1 | s08 |
| ......................ucaaucgucuucuguuccau................................................................ | 2 | 0 | s08 |
| ......................ucaaucgucuucuguuccaA................................................................ | 1 | 1 | s08 |
| ......................ucaaucgucuucuguuccauu............................................................... | 2 | 0 | s08 |
| ..........................................auuucaaauggaacagagaacaauugacc................................... | 1 | 0 | s08 |
| ..........................................auuucaaauggaacagagaacaauugaccu.................................. | 2 | 0 | s08 |
| ...............................................caaauggaacagagGaca......................................... | 2 | 1 | s08 |
| .................................................ggaacagagaacaauugaccug................................... | 3 | 0 | s08 |
| .................................................ggGacagagaacaauugaccuga.................................. | 1 | 1 | s08 |
| .................................................ggaacagagaacaauugaccuga.................................. | 4 | 0 | s08 |
| .................................................ggaacagagGacaauugaccuga.................................. | 1 | 1 | s08 |
| .................................................ggaacagagGcaauugaccuga................................... | 1 | 1 | s08 |
| .................................................ggaacagagaacaauugaccugaU................................. | 2 | 1 | s08 |
| ...................................................gaacagagaacaauugaccu.................................... | 1 | 0 | s08 |
| ...................................................gaacagagaacaauugaccuga................................. | 2 | 0 | s08 |
| ....................................................aacagagaacaauugaccC................................... | 1 | 1 | s08 |
| ....................................................aacagagaacaauugaccG................................... | 1 | 1 | s08 |
| | | | |
| ...................aagucaaucgucuucuguucca................................................................. | 1 | 0 | s15 |
| ...................aGgucaaucgucuucuguucca................................................................. | 1 | 1 | s15 |
| ...................aagucaaucgucuucuguuccau................................................................ | 4 | 0 | s15 |
| ...................aagucaaucgucuucuguuccaC................................................................ | 2 | 1 | s15 |
| ...................aGgucaaucgucuucuguuccau................................................................ | 3 | 1 | s15 |
| ...................aagucaaucgucuucuguuccauC............................................................... | 1 | 1 | s15 |
| ...................aagucaaucgucuucuguuccauA............................................................... | 3 | 1 | s15 |
| ...................aagucUaucgucuucuguuccauu............................................................... | 1 | 1 | s15 |
| ...................aagucaaucgucuucuguuccaAu............................................................... | 3 | 1 | s15 |
| ...................aagucaaucgucuucuguuccauu............................................................... | 14 | 0 | s15 |
| ...................aagucaaucgucuucuguuccauuu.............................................................. | 6 | 0 | s15 |
| ...................aagucaaucgucuucuguuccauAu.............................................................. | 1 | 1 | s15 |
| ....................agucaaucgucuucuguuccauuA.............................................................. | 3 | 1 | s15 |
| .................................................ggaacagagGacaauugaccuga.................................. | 1 | 1 | s15 |
| | | | |
| ...................aagucaaucgucuucugA....................ucaaauggaacagagaacaauugaccugaauuuggaccaacacggauugucaugaauuguugucgg | 1 | 1 | s03 |
| ...................Cagucaaucgucuucuguucc.................................................................. | 1 | 1 | s03 |

**Mature** **Star**

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ucgaugaguugucuaaauuuaagucaaucgucuucuguuccauucaaauggaacagagaacaauugaccugaauuggaccaacacggauugucaugaauuguugucgg
```

Sequence	Count1	Count2	Sample
....................aagucaaucgucuucuguucA...	2	1	s03
....................aagucaaucgucuucuguucU...	1	1	s03
....................aagucaaucgucuucuguucc...	15	0	s03
....................aagucaaucgucuucuguucca..	16	0	s03
....................aagucaaucgucuucuguuccaC...	8	1	s03
....................aagucaaucgucuucuguuccaG...	1	1	s03
....................aagucaaucgucuucuguuccau...	49	0	s03
....................aagCcaaucgucuucuguuccau...	1	1	s03
....................aagucaaucgucuucuguCccauu..	2	1	s03
....................aagucaaucgucuucuguuccaGu..	2	1	s03
....................aagucaaucgucuucuguuccauC..	15	1	s03
....................aagucaaucgucuucugGuccauu..	1	1	s03
....................aagucaGucgucuucuguuccauu..	2	1	s03
....................aagucaaucgucuucuguccGuu...	1	1	s03
....................aagucGaucgucuucuguuccauu..	1	1	s03
....................aagucaaucgucuucuguccUuu...	1	1	s03
....................aagucaaucgucuucugCuccauu..	2	1	s03
....................aGgucaaucgucuucuguuccauu..	4	1	s03
....................aagucaaucgucuGcguuccauu...	1	1	s03
....................aagucaaucgucuucuguuccauA..	11	1	s03
....................aagucaaucgucCucguuccauu...	1	1	s03
....................aagucaaucgucuucuguuccaAu..	1	1	s03
....................aagucaaucgucuucuguuccauu..	185	0	s03
....................aagCcaaucgucuucuguuccauu..	2	1	s03
....................aagucaaucgucuucCguuccauu...	1	1	s03
....................aagucaaucgucuucuguUcauu...	1	1	s03
....................aagucaaucgucuuUuguuccauu...	1	1	s03
....................aCgucaaucgucuucuguuccauu..	4	1	s03
....................aagucaaucgCcuucuguuccauuu...	1	1	s03
....................aagucaaucgucuucuguuccauuA...	5	1	s03
....................aagucaaucgucuucuguuccauuu...	40	0	s03
....................aagucaaucgucuucuguucUauuu...	1	1	s03
....................aagucaaucgucCucguuccauu...	1	1	s03
....................aagucaaucgucuucuguuccauuG...	2	1	s03
....................aagCcaaucgucuucuguuccauuu...	1	1	s03
....................aGgucaaucgucuucuguuccauuu...	2	1	s03
....................aagAcaaucgucuucuguuccauuu...	1	1	s03
....................aagucaaucgucuucuguuccauuC...	1	1	s03
....................aagucaaucgucuucuguuccauAu...	1	1	s03
....................aagucaaucgucuucuguuccauuuA..	2	1	s03
....................agucaaucgucuucuguuccauu...	5	0	s03
....................gucaaucgucuucuguuccauuA..	1	1	s03
....................ucaaucgucuucuguucca...	1	0	s03
....................ucaaucgucuucuguuccauA..	1	1	s03
....ggaacagagaacaauugacc.......................................	1	0	s03
....ggaacagagaacaauugaccu......................................	2	0	s03
....ggaacagagaacaauugaccuga....................................	4	0	s03
....ggaacagagaacaauugaccGga....................................	1	1	s03
....gaacagagaacaauugaccugaU....................................	1	1	s03
....aacagagaacaauugaccuAa......................................	1	1	s03
....acagagaacaauugaccug.......................................	1	0	s03
....................aagucaaucgucuucugu...	2	0	s06
....................aagucaaucgucuucugA...	3	1	s06
....................aagucaaucgucuucuguu..	3	0	s06
....................aagucaaucgucuucuguC..	1	1	s06
....................aagucaaucgucuucuguuU...	1	1	s06
....................aagucaaucgucuucuguuc...	3	0	s06
....................aagucaaucAucuucuguucc..	1	1	s06
....................aagucaaucgucuucuguucA..	2	1	s06
....................aagucaaucgucuucuguucU..	8	1	s06
....................aagucaaucgucuucuguucc..	38	0	s06
....................aagucaaucgucuucuguucca...	31	0	s06
....................aagucaaucgucuucuguuccU...	2	1	s06
....................Cagucaaucgucuucuguucca...	1	1	s06
....................aagucaaucgucuucuguuccG...	1	1	s06
....................aagucaaucgucuucuguuccC...	2	1	s06
....................Gagucaaucgucuucuguucca...	1	1	s06
ucgaugaguugucuaaauuuaagucaaCcgucuucuguucca......caaauggaacagagaacaauugaccugaauuggaccaacacggauugucaugaauuguugucgg	1	1	s06
....................aagucaaucgucCucguucca..	2	1	s06

Mature   **Star**

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ucgaugaguugucuaaauuuaagucaaucgucuucuguuccauuucaaauggaacagagaacaauugaccugaauuuggaccaacacggauugucaugaauuguugucgg
```

Sequence	Count	Flag	Sample
..................aagucGaucgucuucuguuccau.	2	1	s06
..................aagucaaucgucuucuguuccaG.	1	1	s06
..................aagucCaucgucuucuguuccau.	1	1	s06
..................aagucaaucgucuucuguuGcau.	1	1	s06
..................aagucaaucgGcuucuguuccau.	1	1	s06
..................aGgucaaucgucuucuguuccau.	4	1	s06
..................aagucaaucgucuucuguuccaC.	27	1	s06
..................aagucaaucgucuucuguuccau.	153	0	s06
..................aagucaaucgucuucugAuccau.	1	1	s06
..................aagucaaucgucuuAuguuccau.	1	1	s06
..................aagucaaucgucuucugCuccau.	1	1	s06
..................aagucaaucgucuucuguCccau.	1	1	s06
..................aagucaaucgucuAcguuccau.	1	1	s06
..................Gagucaaucgucuucuguuccau.	3	1	s06
..................aagucaaucgucuucuguuccGu.	4	1	s06
..................aagucaaucgucuCcguuccau.	3	1	s06
..................aagucaGucgucuucuguuccau.	3	1	s06
..................aagucaaucgucuucAguuccauu.	2	1	s06
..................aagucaaucgucuucuAuuccauu.	1	1	s06
..................aagucaaucguCucguuccauu.	1	1	s06
..................aaUucaaucgucuucuguuccauu.	1	1	s06
..................aagucaGucgucuucuguuccauu.	2	1	s06
..................aaCucaaucgucuucuguuccauu.	1	1	s06
..................aagucaaucgucuucuguuccauu.	654	0	s06
..................aagucaaucgucuGcguuccauu.	1	1	s06
..................aagucaaucgCcuucuguuccauu.	4	1	s06
..................aagucaaucgucuucugCuccauu.	2	1	s06
..................aagucaaucgucuucuguucAauu.	2	1	s06
..................aagucaaucgucuucuguuccauG.	5	1	s06
..................aagucCaucgucuucuguuccauu.	1	1	s06
..................aagucaaucAucuucuguuccauu.	2	1	s06
..................aagucaaucgucuucuguuGcauu.	1	1	s06
..................aagucaaucgucuucuguuccaAu.	7	1	s06
..................aagucaaucgucuucuguuccaCu.	6	1	s06
..................aagucaaucgucuucuguuccGuu.	6	1	s06
..................aagucaaucUucuucuguuccauu.	2	1	s06
..................aagucaaucgucuucuguuccUuu.	1	1	s06
..................Gagucaaucgucuucuguuccauu.	2	1	s06
..................aCgucaaucgucuucuguuccauu.	1	1	s06
..................Uagucaaucgucuucuguuccauu.	2	1	s06
..................aagucaaucgucuAcguuccauu.	2	1	s06
..................aagucaaucgucuucuguuccauA.	47	1	s06
..................aagucaaucgucuucuguuccaGu.	5	1	s06
..................aagucaaCcgucuucuguuccauu.	4	1	s06
..................aagucaaucgucuucuguuccCuu.	1	1	s06
..................aagucaaucgucuCcuguuccauu.	1	1	s06
..................aagucaaucgucuucuguuccauC.	113	1	s06
..................aUgucaaucgucuucuguuccauu.	1	1	s06
..................aagucGaucgucuucuguuccauu.	6	1	s06
..................Cagucaaucgucuucuguuccauu.	2	1	s06
..................aagucaaucgucuucugGuccauu.	1	1	s06
..................aagucaaucgucuucuguCccauu.	6	1	s06
..................aagucaaucgucuucuguuAcauu.	1	1	s06
..................aGgucaaucgucuucuguuccauu.	12	1	s06
..................aagucaaucgucGcguuccauu.	1	1	s06
..................aagucaaucgucuucuguGccauuu.	1	1	s06
..................aagucaaucgucuucuguuccauAu.	6	1	s06
..................aagucaaucgucuucCguuccauuu.	1	1	s06
..................aagucaaucgucuucuguuccauuG.	1	1	s06
..................aagGcaaucgucuucuguuccauuu.	1	1	s06
..................aagucaaucgCcuucuguuccauuu.	1	1	s06
..................aagucaaucgucCcuguuccauuu.	1	1	s06
..................aagucaaucgucuucuguuccaAuu.	4	1	s06
..................aagucaaucgucuucuguuccauuC.	10	1	s06
..................aagucaaucgucuucuguuccauuA.	4	1	s06
..................aagucaaucgucuucuguuccauuu.	83	0	s06
..................aagucaaucgucuucuguuccauAuc.	1	1	s06
..................aagucaaucgucuucuguuccauuU.	4	1	s06
ucgaugaguugucuaaauuuaagucaaucgucuucuguuccauuuc...auggaacagagaacaauugaccugaauuuggaccaacacggauugucaugaauuguugucgg	1	0	s06
..................aAucaaucgucuucuguucca.	1	1	s06

Mature   Star

```
ucgaugaguugucuaaauuuaagucaaucgucuucuguuccauuucaaauggaacagagaacaauugaccugaauuuggaccaacacggauugucaugaauuguugucgg
```

Sequence			
....................agucaaucgucuucuguucca..	1	0	s06
....................agucaaucgucuucuguuccaC...	1	1	s06
....................agucaaucgucuucuguuccau..	1	0	s06
....................agucaaucgucCucuguuccauu...	3	1	s06
....................agucaaucgucuucuguuccauC..	3	1	s06
....................agucaaucgucuucuguuccauu..	20	0	s06
....................agucaaucgucuucuguuccauuu...	2	0	s06
....................agucaaucgucuucuguuccauAu..	1	1	s06
....................agucaaucgucuucuguuccauuG...	1	1	s06
......................gucaaucgucuucuguuccau..	1	0	s06
......................gucaaucgucuucuguuccauu...	1	0	s06
......................gucaaucgucuucuguuccauA..	1	1	s06
......................gucaaucgucuucuguuccauu...	1	0	s06
......................gucaaucgucuucuguuccaCuu...	2	1	s06
......................gucaaucgucuucuguuccauuU...	4	1	s06
........................ucaaucgucuucuguucA..	1	1	s06
........................ucaaucgucuucuguucc..	1	0	s06
........................ucaaucgucuucuguuccau...	5	0	s06
........................ucaaucgucuucuguuccaC...	1	1	s06
........................ucaaucgucuucuguuccauu..	5	0	s06
........................ucaaucgucuucuguuccauuu...	1	0	s06
..........................caaucgucuucugCuccauu...	1	1	s06
..........................caaucgucuucuguuccauC...	3	1	s06
..........................caaucgucuucuguuccauu...	4	0	s06
..........................caaucgucuucuguuccauAu...	1	1	s06
..........................aaucgucuucuguuccauu...	3	0	s06
..........................aaucgucuucuguuccauAu...	1	1	s06
....uucaaauggaacagagaacaauugaccugU..............	1	1	s06
....uucaaauggaacagagaacaauugaccuga.............	1	0	s06
....ggaacagagaacaauuga..............	2	0	s06
....ggaacagagaacaauugacc............	1	0	s06
....ggaacagagaacaauugacU............	1	1	s06
....ggaacagagGacaauugaccug..........	3	1	s06
....ggaacagagaacGauugaccuga.........	1	1	s06
....ggaacagagGacaauugaccuga.........	10	1	s06
....ggaacagagaacaauugaccuga.........	9	0	s06
....ggaacagagaacaauugaccugaUuu.......	3	1	s06
....aacagagaacaauugaccA........	2	1	s06
....aacagagGacaauugaccug.......	1	1	s06
....acagagGacaauugaccu......	1	1	s06
....acagagaacaauugaccuAa....	2	1	s06
..................Caagucaaucgucuucuguuccau..	1	1	s02
....................aagucaaucgucuucugu..	35	0	s02
....................aGgucaaucgucuucugu...	1	1	s02
....................aagucaaucgucuuUugu...	2	1	s02
....................aagucaaucgucucuAu...	2	1	s02
....................aagucaaucgucuucugC...	11	1	s02
....................aagucaaucgucCucugu..	1	1	s02
....................aagucaaucgucuucugA...	2	1	s02
....................aagucaauAgucuucugu..	1	1	s02
....................aagucaaucgCcuucugu..	2	1	s02
....................aagucaaucgucuucuguC..	10	1	s02
....................aaUucaaucgucuucuguu...	1	1	s02
....................aagucaaucgucuucuguu..	50	0	s02
....................aagucaaucgucuucuguA...	1	1	s02
....................aGgucaaucgucuucuguu...	1	1	s02
....................aagucaaucgucuucugGuc..	1	1	s02
....................aagucaGucgucuucuguuc..	1	1	s02
....................aagucaaucgucuucuguuA..	11	1	s02
....................aagucaaucgucuucuguuU..	10	1	s02
....................aagucaaucgucCucuguuc...	1	1	s02
....................aagucaaucgucuucuguGc..	1	1	s02
....................aaguAaaucgucuucuguuc...	1	1	s02
....................aagucaaucgucuucuguuc..	39	0	s02
....................aagucaaucgucuucuguAc..	1	1	s02
....................aagucaaucgucuucuguucG...	12	1	s02
....................aagucaaucgucucuUuucc...	1	1	s02
....................aagucaaucgucuucuguCcc..	1	1	s02
....................aagucaGucgucuucuguucc..	1	1	s02

```
ucgaugaguugucuaaauuuaagucaaucgucuucuguuccauuucaaauggaacagagaacaauugaccugaauuuggaccaacacggauugucaugaauuguugucgg
```

Sequence	Count	Flag	Sample
...................aagucaaucgucuucuguucU.	49	1	s02
...................aagucaaucgCcuucuguucc.	1	1	s02
...................aagucaaucgucuucuguucA.	153	1	s02
...................aagucaaucgucuucuguucc.	91	0	s02
...................aagucaaucgucAucuguucc.	1	1	s02
...................aagucaaucgucuucugCucc.	1	1	s02
...................aagucaaucgucuucGguucca.	1	1	s02
...................Gagucaaucgucuucuguucca.	1	1	s02
...................aagucaCucgucuucuguucca.	1	1	s02
...................aagucaaucgAcuucuguucca.	1	1	s02
...................aagucaaucgucuAcuguucca.	1	1	s02
...................aagucaaucgCcuucuguucca.	5	1	s02
...................aagucaaGcgucuucuguucca.	1	1	s02
...................aagucaGucgucuucuguucca.	3	1	s02
...................aGgucaaucgucuucuguucca.	10	1	s02
...................aagCcaaucgucuucuguucca.	4	1	s02
...................aagucaaucgucuucuguucca.	453	0	s02
...................aagucaaucgucuucuguucAa.	6	1	s02
...................aagucaaucgucuucuguCcca.	2	1	s02
...................aagucaaucgucuucuguccG.	10	1	s02
...................aagucaaucgucCucuguucca.	3	1	s02
...................aagucaaucgucuucuCuucca.	1	1	s02
...................aUgucaaucgucuucuguucca.	1	1	s02
...................aagucaaucgucuucuguuccC.	26	1	s02
...................aagucaaCcgucuucuguucca.	3	1	s02
...................aagucaaucgucuucCguucca.	3	1	s02
...................aagucaaucgucuucuguuccU.	14	1	s02
...................aagucGaucgucuucuguucca.	3	1	s02
...................aagucaaucgucuucuguucUa.	3	1	s02
...................aagucaaucgucuucuCuuccau.	1	1	s02
...................aagucaaucguGuucuguuccau.	1	1	s02
...................aCgucaaucgucuucuguuccau.	1	1	s02
...................aagucaaucgucuucAguuccau.	1	1	s02
...................aagucaaucgucuucuguucAau.	3	1	s02
...................aagucaaucgucuCcguuccau.	3	1	s02
...................aagucaaucgucuucuguuGcau.	1	1	s02
...................aagucaaucgucuucugCuccau.	2	1	s02
...................aagucaaucgucuucuguCccau.	5	1	s02
...................Cagucaaucgucuucuguuccau.	3	1	s02
...................Gagucaaucgucuucuguuccau.	3	1	s02
...................aagucaaucgucuGcguuccau.	1	1	s02
...................aaCucaaucgucuucuguuccau.	1	1	s02
...................aagucaaucgucuucuguuccaA.	3	1	s02
...................aGgucaaucgucuucuguuccau.	12	1	s02
...................aagucaaucgucCucuguuccau.	1	1	s02
...................aagucaaucgucuucuguuccau.	463	0	s02
...................aagucaaucgGcuucuguuccau.	1	1	s02
...................aagucaaucgucuucuguuccaC.	70	1	s02
...................aagGcaaucgucuucuguuccau.	1	1	s02
...................aagucaaucgucuucuguuccUu.	1	1	s02
...................aagucaaCcgucuucuguuccau.	4	1	s02
...................aagucGaucgucuucuguuccau.	1	1	s02
...................aagucaaucgucuucGguuccau.	1	1	s02
...................aagucaaucgucuucuguuccaG.	4	1	s02
...................aagucaaucgucuucuguuccGu.	14	1	s02
...................aagucaaucgucuucuguAccau.	1	1	s02
...................aagucaaucgCcuucuguuccau.	3	1	s02
...................aaguUaaucgucuucuguuccau.	1	1	s02
...................aagucaaucgucuucuguGccau.	1	1	s02
...................aagucaaucgucuAcuguuccau.	2	1	s02
...................aagucaaucgucuucuguCccauu.	7	1	s02
...................aGgucaaucgucuucuguuccauu.	11	1	s02
...................aaAucaaucgucuucuguuccauu.	2	1	s02
...................Gagucaaucgucuucuguuccauu.	2	1	s02
...................aagucaaucgucuucCguuccauu.	5	1	s02
...................aagucaaucgucuGcguuccauu.	3	1	s02
...................aagucaaucgucuucuguAccauu.	1	1	s02
...................aagucaaucgucuucuguuGcauu.	1	1	s02
ucgaugaguugucuaaauuuaagucaaucgucuucugGuccauuucaaauggaacagagaacaauugaccugaauuuggaccaacacggauugucaugaauuguugucgg	1	1	s02
...................aagCcaaucgucuucuguuccauu.	5	1	s02

```
ucgaugaguugucuaaauuuaagucaaucgucuucuguuccauuucaaauggaacagagaacaauugaccugaauuuggaccaacacggauugucaugaauuguugucgg

..................aagucGaucgucuucuguuccauu....................................................................    5     1    s02
..................Cagucaaucgucuucuguuccauu....................................................................    2     1    s02
..................aagucaaucgucuuAuguuccauu....................................................................    2     1    s02
..................aagucaaucAucuucuguuccauu....................................................................    5     1    s02
..................aagucCaucgucuucuguuccauu....................................................................    2     1    s02
..................aagucaUucgucuucuguuccauu....................................................................    1     1    s02
..................aagucaaucgGcuucuguuccauu....................................................................    2     1    s02
..................aagucaaucgucuucuguuccaAu....................................................................   10     1    s02
..................aagucaaCcgucuucuguuccauu....................................................................    8     1    s02
..................aagucaaucgucuucuguuccauu....................................................................  1125    0    s02
..................aagucaaucgucuucuguuccGuu....................................................................    3     1    s02
..................aagucaaucgucuucgCuccauu....................................................................    8     1    s02
..................aaCucaaucgucuucuguuccauu....................................................................    2     1    s02
..................aagucaGucgucuucuguuccauu....................................................................    9     1    s02
..................aagucaCucgucuucuguuccauu....................................................................    1     1    s02
..................aagucaaGcgucuucuguuccauu....................................................................    1     1    s02
..................aagucaaucgucuucAguuccauu....................................................................    2     1    s02
..................aagucaaucgucCucuguuccauu....................................................................    5     1    s02
..................aagucaaucgucuucuguuUcauu....................................................................    2     1    s02
..................aagucaaucgucuucuguuccUuu....................................................................    1     1    s02
..................aagucaaucgucuCcuguuccauu....................................................................   11     1    s02
..................aagucaaucUucuucuguuccauu....................................................................    2     1    s02
..................aagucaaucgucuucuguucAauu....................................................................    9     1    s02
..................Uagucaaucgucuucuguuccauu....................................................................    1     1    s02
..................aagucaaucgucuucuguucUauu....................................................................    1     1    s02
..................aUgucaaucgucuucuguuccauu....................................................................    1     1    s02
..................aagucaaucgucuucuguuccauA....................................................................  123     1    s02
..................aagucaaucgucuucuguuccauC....................................................................  167     1    s02
..................aagucaaucgucuucuguuccCuu....................................................................    1     1    s02
..................aagucaaucgucuucuguuccaCu....................................................................   12     1    s02
..................aagucaaucgucuucuguuccauG....................................................................   15     1    s02
..................aagucaaucCucuucuguuccauu....................................................................    1     1    s02
..................aagucaaucgCcuucuguuccauu....................................................................    4     1    s02
..................aagucaaucgucuucuAuuccauu....................................................................    1     1    s02
..................aCgucaaucgucuucuguuccauu....................................................................    1     1    s02
..................aagAcaaucgucuucuguuccauu....................................................................    3     1    s02
..................aagucaaucgucuucuguuccaGu....................................................................   22     1    s02
..................aagucaaucgucuucuguuccauAu...................................................................   13     1    s02
..................aagucaaAcgucuucuguuccauuu...................................................................    1     1    s02
..................aagucaaucgucuucuguuccauuA...................................................................    4     1    s02
..................aagucaaucgucuucuguuccauGu...................................................................    1     1    s02
..................aagucaaucgucuucuguGccauuu...................................................................    1     1    s02
..................aGgucaaucgucuucuguuccauuu...................................................................    1     1    s02
..................aagucaaucgucuucuguuccauuG...................................................................    1     1    s02
..................aagucaaucgucuucuguuccauuu...................................................................   96     0    s02
..................aagucGaucgucuucuguuccauuu...................................................................    2     1    s02
..................aagucaaucgucuucuguuccaAuu...................................................................    3     1    s02
..................aagucaaucgucCucuguuccauuu...................................................................    1     1    s02
..................aagucaaucgucuucuguuccauuC...................................................................   12     1    s02
..................aagucaGucgucuucuguuccauuu...................................................................    1     1    s02
..................aagucaaucgucuucuguuccauuuA..................................................................    5     1    s02
..................aagucaaucgucuucuguuccauAuc..................................................................   15     1    s02
..................aagucaaucgucuucuguuccauuuG..................................................................    1     1    s02
..................aagucaaucgucuucuguuccauuuU..................................................................    9     1    s02
...................agucaaucgucuucuguuc.......................................................................    4     0    s02
...................agucaaucgucuucuguuAc......................................................................    1     1    s02
...................agucaaucgucuucuguucA......................................................................   18     1    s02
...................agucaaucgucuucuAuucc......................................................................    1     1    s02
...................agucaaucgucuucuguucU......................................................................    2     1    s02
...................agucaaucgucuucuguucc......................................................................    4     0    s02
...................aAucaaucgucuucuguucca.....................................................................    1     1    s02
...................agucaaCcgucuucuguucca.....................................................................    1     1    s02
...................Ggucaaucgucuucuguucca.....................................................................    4     1    s02
...................agucaaucgucuucuguucca.....................................................................    5     0    s02
...................agucaaucgucuucuguuccC.....................................................................    2     1    s02
...................agucaaucgucuucuguuccau....................................................................    7     0    s02
...................agucaaucgucuucuguuccauu...................................................................   88     0    s02
...................agucaaucgucuucuguuccaCu...................................................................    2     1    s02
...................agucUaucgucuucuguuccauucaaauggaacagagaacaauugaccuga.......................................    1     1    s02
...................agucaaucgucuucuguAccauu...................................................................    1     1    s02
```

ucgaugaguugucuaaauuuaagucaaucgucuucuguuccauuucaaauggaacagagaacaauugaccugaauuuggaccaacacggauugucaugaauuguugucgg

....................agucaaucgucuucugCuccauu...	3	1	s02
....................agucaaucgucuucuguuccauC...	19	1	s02
....................agucGaucgucuucuguuccauu...	1	1	s02
....................agucaaucgucuucuguuccGuu...	1	1	s02
....................agucaaucgucuucuguuccaAu...	1	1	s02
....................Ggucaaucgucuucuguuccauu...	2	1	s02
....................agCcaaucgucuucuguuccauu...	1	1	s02
....................agucaaucgucuucuguuccauA...	18	1	s02
....................aAucaaucgucuucuguuccauu...	3	1	s02
....................agucaaCcgucuucuguuccauu...	4	1	s02
....................agucaaucgucuucuguuccauu...	12	0	s02
....................agucaaucgucuucuguuccaAuu..	1	1	s02
....................agucaaucgCcuucuguuccauuu..	1	1	s02
....................agucaaucgucuucuguuccauuA..	2	1	s02
....................agucaaucgucuucuguuccauuC..	2	1	s02
....................Ggucaaucgucuucuguuccauuu..	3	1	s02
....................agucaaucgucuucuguCccauuu..	1	1	s02
....................agucaaucgucuucuguuccauAu..	1	1	s02
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....................agucaaucgucuucuguuccauAuc...	1	1	s02
....................agucaaucgucuucuguuccauuUa..	1	1	s02
....................gucaaucgucuucuguuA...	3	1	s02
....................gucaaucgucuucuguuc...	4	0	s02
....................gucaaucgucuucuguucA..	31	1	s02
....................gucaaucgucuucuguucU..	2	1	s02
....................gucaaucgucuucuguucc..	6	0	s02
....................gucaaucgucuucuguuAc..	1	1	s02
....................gucaaucgucuucuguuccG...	1	1	s02
....................Cucaaucgucuucuguucca...	1	1	s02
....................gucaaucgucuucuAuucca...	1	1	s02
....................gucaaucgucuucuguuccC...	1	1	s02
....................gucaaucgucuucuguucca...	36	0	s02
....................gucaaCcgucuucuguucca...	2	1	s02
....................gucaaucgucuucuguuccau..	4	0	s02
....................gucaaucgucuucuguuccaG..	1	1	s02
....................gucaaucgucuucCguuccau..	1	1	s02
....................gucaaucgucuucuguuccaC..	7	1	s02
....................gucaaucgucuucuguuccauA...	1	1	s02
....................gucaaucgucuucuguuccGuu...	1	1	s02
....................gucaaucgucuucuguuccauu...	14	0	s02
....................gucaaucgucuucuguuccauAu..	2	1	s02
....................gucaaucgucuucuguuccauuU..	1	1	s02
....................ucaaucgucuucuguucU...	8	1	s02
....................ucaaucgucuucuguucc...	16	0	s02
....................ucaaucgucuucuguucA...	31	1	s02
....................ucaaucgucuucuguuUc...	1	1	s02
....................ucaaucgucuucuguucca...	130	0	s02
....................ucaGucgucuucuguucca...	1	1	s02
....................ucaaucgucuucuguucGa...	1	1	s02
....................ucaaucgucuuAuguucca...	1	1	s02
....................ucaaCcgucuucuguucca...	3	1	s02
....................ucaaucgucuucuAuucca...	1	1	s02
....................ucaaucgucuucugCuucca..	3	1	s02
....................ucaaucgucuucuguuGca..	1	1	s02
....................ucaaucgucuucuguuccC..	2	1	s02
....................ucaaucgGcucuucuguucca...	2	1	s02
....................ucaaucgucuucuguuccU..	5	1	s02
....................ucaaucgucuucuguucAa..	2	1	s02
....................ucaaucgucuucuguuccG...	11	1	s02
....................ucaaGcgucuucuguucca...	1	1	s02
....................ucaaucgCcuucuguucca...	1	1	s02
....................ucaaucgucuAcuguuccau..	1	1	s02
....................ucaaucgucuucuguuccau..	81	0	s02
....................ucaaucgucuucuguuccGu..	1	1	s02
....................ucaaucgucuucuguucAau..	3	1	s02
....................ucaaucAucuucuguuccau..	1	1	s02
....................ucaaucgucAucuguuccau..	1	1	s02
....................ucaaucgucuucuguuccaC..	10	1	s02
ucgaugaguugucuaaauuu.ucaaucgucuucuguuccUu..ucaaauggaacagagaacaauugaccuga....................................	2	1	s02
....................Gcaaucgucuucuguuccau..	1	1	s02

```
ucgaugaguugucuaaauuuaagucaaucgucuucuguuccauuucaaauggaacagagaacaauugaccugaauuuggaccaacacggauugucaugaauuguugucgg
```

Sequence	Count	Flag	Sample
.....................ucaaucgucuucuguCccau.....	1	1	s02
.....................ucaaucgucuucuguuccaG.	3	1	s02
.....................ucaaucgucuucuguuccaAu.	5	1	s02
.....................ucaaucgucuucuguuccauC.	9	1	s02
.....................ucaaucgucuucuguuccaGu.	2	1	s02
.....................ucaaucAucuucuguuccauu.	1	1	s02
.....................ucaaucgucuucuguuccauA.	9	1	s02
.....................ucaaucgucuucuguuccauu.	30	0	s02
.....................ucaaucgucuucuguuccauuA.	2	1	s02
.....................ucaaucgucuucuguuccauAu.	1	1	s02
.....................caaucgucuucuguucca.	9	0	s02
.....................caaucgucuucuguuccG.	2	1	s02
.....................caaucgucuucugAucca.	1	1	s02
.....................caaucgucuucuguuccau.	9	0	s02
.....................caaucgucuucuguuccaA.	1	1	s02
.....................caaucgucuucuguuccaC.	2	1	s02
.....................caaucgucuucuguuccauG.	2	1	s02
.....................caaucgucuucuguuccaAu.	1	1	s02
.....................caaucgucuucuguuccauC.	4	1	s02
.....................caaucgucuucuguuccauu.	30	0	s02
.....................caaucgucuucuguuccaGu.	1	1	s02
.....................caaucgucuucuguuccauA.	2	1	s02
.....................Gaaucgucuucuguuccauu.	1	1	s02
.....................caaucgucuucuguuccaCu.	4	1	s02
.....................caaucgucuucuguucUauu.	1	1	s02
.....................caaucgucuucuguccGuu.	1	1	s02
.....................caaucgucuucuguuccauuG.	1	1	s02
.....................caaucgucuucuguuccauAu.	11	1	s02
.....................caaucgucuucuguuccauuu.	3	0	s02
.....................caaucgucuucuguuccauAuc.	5	1	s02
.....................caaucgucuucuguuccauuuA.	3	1	s02
.....................aaucgucuucuguuccauC.	1	1	s02
.....................aaucgucuucuguuccauu.	3	0	s02
.....................aaucgucuucuguuccaAu.	3	1	s02
.....................aaucgucuucuguuccauuA.	2	1	s02
.....................aaucgucuucuguuccauAu.	2	1	s02
.....................aaucgucuucuguuccauuuA.	1	1	s02
.....................aaucgucuucuguuccauAuc.	2	1	s02
.....................uucaaauggaacagagGacaauugaccuga.	1	1	s02
.....................caaauggaacagagGacaa.	2	1	s02
.....................caaauggaacagagGacaau.	2	1	s02
.....................ggaacagagGacaauugacc.	11	1	s02
.....................ggaacagagaacaauugacc.	2	0	s02
.....................ggaacagagaacaauugacA.	1	1	s02
.....................ggaacagagaacaauugacU.	5	1	s02
.....................ggaacagagaacaauugaccu.	1	0	s02
.....................ggaacagagGacaauugaccu.	2	1	s02
.....................ggaacagagGacaauugaccug.	34	1	s02
.....................ggaacagagaacaauugaccug.	1	0	s02
.....................ggaacagagaacaauugaccuA.	1	1	s02
.....................ggaacagagUacaauugaccuga.	1	1	s02
.....................ggaacagagGacaauugaccuga.	177	1	s02
.....................ggaacagagaacaauugaccGga.	1	1	s02
.....................ggaacagagaacaauugaccuga.	13	0	s02
.....................ggaGcagagaacaauugaccuga.	1	1	s02
.....................ggaacagagCacaauugaccuga.	1	1	s02
.....................ggaacagagaacaauugaccuAa.	1	1	s02
.....................ggaacagagaacaauugaccugaa.	1	0	s02
.....................ggaacagagaacaauugaccugaC.	5	1	s02
.....................ggaacagagGacaauugaccugaa.	4	1	s02
.....................ggaacagagaacaauugaccugaU.	26	1	s02
.....................ggaacagagGacaauugaccugaau.	2	1	s02
.....................ggaacagagaacaauugaccugaUu.	3	1	s02
.....................gaacagagGacaauugacc.	6	1	s02
.....................gaacagagGacaauugaccu.	7	1	s02
.....................gaacagagaacaauugaccu.	2	0	s02
.....................gaacagagaacaauugaccC.	2	1	s02
.....................gaacagagaacaauugaccG.	2	1	s02
ucgaugaguugucuaaauuuaagucaaucgucuucuguuccauuucaaaugaacagagGacaauugaccug.	4	1	s02
.....................gaacagagGacaauugaccuga.	19	1	s02

Mature   **Star**

```
ucgaugaguugucuaaauuuaagucaaucgucuucuguuccauuucaaauggaacagagaacaauugaccugaauuuggaccaacacggauugucaugaauuguugucgg
```

```
..................................................gaacagagaacaauugaccugaC....................................   3    1    s02
..................................................gaacagagGacaauugaccugaa....................................  11    1    s02
..................................................gaacagagaacaauugaccugaa....................................   1    0    s02
..................................................gaacagagaacaauugaccugaU....................................   5    1    s02
...................................................aacagagGacaauugacc........................................   7    1    s02
...................................................aacagagaacaauugacU........................................   1    1    s02
...................................................aacagagGacaauugaccu.......................................  26    1    s02
...................................................aacUgagaacaauugaccu.......................................   2    1    s02
...................................................aacagagaacaauugaccG.......................................   1    1    s02
...................................................aacagagaacaauugaccA.......................................   5    1    s02
...................................................aacagagaacaauugaccC.......................................   2    1    s02
...................................................aGcagagaacaauugaccu.......................................   1    1    s02
...................................................aacagagaacaauugaccu.......................................   2    0    s02
...................................................aacagagaacaauugaccuA......................................   3    1    s02
...................................................aacagagGacaauugaccug......................................   8    1    s02
....................................................acagagaacaauugaccC.......................................   1    1    s02
....................................................acagagaacaauugaccA.......................................   1    1    s02
....................................................acagagaacaauugaccAg......................................   1    1    s02
....................................................acagagaacaauugaccuga.....................................   3    0    s02
.....................................................agagaacaauugaccuga......................................   1    0    s02
.....................................................agagaacaauugaccugaC.....................................   1    1    s02
.....................................................agagaacaauugaccugaU.....................................   6    1    s02
.....................................................agagaacaauugaccugaUu....................................   6    1    s02
......................................................gagaacaauugaccugaC.....................................   1    1    s02
.............................................................auuuggaccaacacggauuguAau...................   1    1    s02
.............................................................auuuggaccaacacggauugucauA..................   1    1    s02

....................Caagucaaucgucuucuguuccauu...............................................................   1    1    s11
....................aagucaaucgucuucugA.....................................................................   1    1    s11
....................aagucaaucgucuucuguuc..................................................................   1    0    s11
....................aagucaaucgucuucuguucc.................................................................   2    0    s11
....................aagucaaucgucuucuguucca................................................................   3    0    s11
....................aagucaaucgucuucuguCcca................................................................   1    1    s11
....................aagucaaucgucuucuguccG.................................................................   1    1    s11
....................aaAucaaucgucuucuguucca................................................................   1    1    s11
....................aGgucaaucgucuucuguuccau...............................................................   1    1    s11
....................aagucaaucgucuucuguuccaA...............................................................   1    1    s11
....................aagucaaucgucuucuguuccaG...............................................................   1    1    s11
....................aagucaaucgucuucuguuccau...............................................................  11    0    s11
....................aagucaaucgucuucuguuccauC..............................................................   2    1    s11
....................aagucaaucgucuucuguuccauA..............................................................   1    1    s11
....................aagucaaucgucuucuguuccauu..............................................................  37    0    s11
....................aagucaaucgucuucuguccGuu...............................................................   1    1    s11
....................Cagucaaucgucuucuguuccauu..............................................................   1    1    s11
....................aagucaaucgucuucuguuccauCu.............................................................   1    1    s11
....................aagucaaucgucuucuguuccauuu.............................................................   4    0    s11
....................aagucaaucgucuucuguuccauuC............................................................   1    1    s11
.....................agucaaucgucuucuguuccauG..............................................................   1    1    s11
.............................................................ggaacagagaacaauugacc........................   1    0    s11
.............................................................ggaacagagGacaauugaccuga.....................   6    1    s11
.............................................................ggaacagagaacaauugaccugaU....................   2    1    s11
....................................................................agagaacaauugaccugaU..................   1    1    s11

....................aagucaaucgucuucuguuc..................................................................   1    0    s18
....................aagucaaucgucuucuguucc.................................................................   3    0    s18
....................aagucaaucgucuucCguucca................................................................   1    1    s18
....................aagucaaucgucGucguucca................................................................   1    1    s18
....................aagucaaucgucuucuguucca................................................................   5    0    s18
....................aagucaaucgucuucGguuccau...............................................................   1    1    s18
....................aagucaaCcgucuucuguuccau...............................................................   1    1    s18
....................aagucaaucgucuucuguuccau...............................................................  11    0    s18
....................aagucaaucgucuucCguuccau...............................................................   1    1    s18
....................aCgucaaucgucuucuguuccau...............................................................   1    1    s18
....................Gagucaaucgucuucuguuccauu..............................................................   1    1    s18
....................aagucaaucCucuucuguuccauu..............................................................   1    1    s18
....................aagucaaucgucuucuguuccauu..............................................................  78    0    s18
....................aagucaaucgucCucuguuccauu..............................................................   1    1    s18
....................aagucaaucgucuucuguuccauC.............................................................   6    1    s18
ucgaugaguugucuaaauuuaagucaaucgucuucuguuccaAuucaaauggaacagagaacaauugaccugaauuuggaccaacacggauugucaugaauuguugucgg   2    1    s18
....................aGgucaaucgucuucuguuccauu..............................................................   2    1    s18
```

Mature   **Star**

ucgaugaguugucuaaauuu aagucaaucgucuucuguuccauu ucaaau ggaacagagaacaauugaccuga auuuggaccaacacggauugucaugaauuguugucgg

Sequence			
....................aagucaaucgucuucuguuccGuu..	1	1	s18
....................aagucaaucgucuucuguuccauuu...	11	0	s18
....................aagucaaucgCcuucuguuccauuu...	1	1	s18
....................aagucaaucgucuucuguuccauAu...	1	1	s18
....................aagCcaaucgucuucuguuccauuu...	1	1	s18
....................aagucaGucgucuucuguuccauuu...	3	1	s18
....................aagucaaucgucuucuguuccauuA...	1	1	s18
....................aagucaaucgucuucuguuccau..	1	0	s18
....................agucaaucgucuucuguuccauC...	1	1	s18
....................agucaaucgucuucuguuccauu..	2	0	s18
....................gucaaucgucuuAuguuccauu..	1	1	s18
....................gucaaucgucuucuguuccauu..	3	0	s18
....................gucaaucgucuucuguuccaCu..	1	1	s18
....................gucaaucgucuucuguuccauA..	2	1	s18
....ggaacagagGacaauugaccu....................	2	1	s18
....ggaacagagGacaauugaccug...................	1	1	s18
....ggaacagagaacaauugaccuga..................	2	0	s18
....ggaacagagGacaauugaccuga..................	16	1	s18
....ggaacagagGacaauugaccugaa.................	1	1	s18
....gaacagagGacaauugaccuga...................	1	1	s18
....aacagagGacaauugaccu.....................	1	1	s18
....aacagagGacaauugaccug....................	1	1	s18
....................aagucaaucgucuucugA..	1	1	s05
....................aagucaaucgucuucCgu..	1	1	s05
....................Cagucaaucgucuucuguu...	1	1	s05
....................aagucaaucgucuucuguu...	4	0	s05
....................aagucaaucgucuucuguuc..	1	0	s05
....................aagucaaucgucuucuguuA..	1	1	s05
....................aagucaaucgucuucuguuU..	3	1	s05
....................aagucaaucgucuucuguucc...	14	0	s05
....................aagucaaucCucuucuguucc...	1	1	s05
....................aGgucaaucgucuucuguucc...	1	1	s05
....................aagucaaucgucuucuguucU...	5	1	s05
....................aagucaaucgucuucuguucA...	9	1	s05
....................aagucaaucgCcuucuguucca..	2	1	s05
....................aagucaaucgucuucuguucca..	25	0	s05
....................aagucaaucgucuucuguuccU..	1	1	s05
....................aagucaaucgucuucuguuccC..	2	1	s05
....................aagucaaucgucuucugCucca..	1	1	s05
....................aagucaaucgucuucuguuccG..	6	1	s05
....................aagucaaucgucuucuguucUa..	1	1	s05
....................aagucaaucgucuucuguuccau..	45	0	s05
....................aagucaaucgucCucuguuccau..	2	1	s05
....................aaCucaaucgucuucuguuccau..	1	1	s05
....................aagucaaucgucuucuguuccaC..	20	1	s05
....................aagucaaucgGcuucuguuccau..	1	1	s05
....................aagucaaucgucuucCguuccau..	4	1	s05
....................aagucaaucgucuGcguuccau..	2	1	s05
....................Gagucaaucgucuucuguuccau..	1	1	s05
....................aagucaaucgucuAcguuccau..	2	1	s05
....................aagucaaucgucuucuAuuccau..	1	1	s05
....................aagucaaucgucuucuguuccGu...	1	1	s05
....................aagucaaucgucuucuguuccaCu...	6	1	s05
....................aagucaaucgucuucuguuccauA...	7	1	s05
....................aagucaaCcgucuucuguuccauu..	2	1	s05
....................aagucaaucgucuucuguuccauG..	2	1	s05
....................aagucGaucgucuucuguuccauu..	1	1	s05
....................aagucaaucgucuucuguuccaGu..	1	1	s05
....................aagucaaucgucuucugguAccauu...	1	1	s05
....................aagucaaucgucuucuguuccaAu...	1	1	s05
....................aGgucaaucgucuucuguuccauu..	1	1	s05
....................aagucaaucgucuucuguuccauC..	15	1	s05
....................aagucaaucgucuucuguuccauu..	105	0	s05
....................Uagucaaucgucuucuguuccauu...	1	1	s05
....................aagucaaucgucuucuguuccauuC..	1	1	s05
....................aagucaaucgucuucuguuccauuu..	25	0	s05
....................aaguacaucgucuucuguuccaGuu..	1	1	s05
....................aagucaaucgucuucuguuccCuuu ucaaau ggaacagagaacaauugaccuga auuuggaccaacacggauugucaugaauuguugucgg	1	1	s05
....................aagucaaucgucuucuguuccauAuc...	1	1	s05

Mature   **Star**

`ucgaugaguugucuaaauuuaagucaaucgucuucuguuccauucaaauggaacagagaacaauugaccugaauuggaccaacacggauugucaugaauuguugucgg`

Sequence			
`....................agucaaucgucuucuguuccU...............`	1	1	s05
`....................agucaaucgucuucuguucca...............`	1	0	s05
`....................agucaaucgucuucuguuccaC..............`	1	1	s05
`....................agucaaucgucuucuguuccau..............`	3	0	s05
`....................agucaaucgucuucuguuccaCu.............`	1	1	s05
`....................agucaaucgucuucuguuccauu.............`	15	0	s05
`....................agucaaucgucuucuguuccauA.............`	4	1	s05
`....................agucaaucgucuucuguuccauG.............`	1	1	s05
`....................agucaaucgucUcuguuccauu.............`	1	1	s05
`....................agucaaucgucuucuAuuccauu.............`	1	1	s05
`....................agucaaucgucuucuguuccauC.............`	1	1	s05
`....................agucaaucgucuucuguuccauuu............`	3	0	s05
`......................gucaaucgucuucuguuccc.............`	1	0	s05
`......................gucaaucgucuucuguuccca............`	1	0	s05
`......................gucaaucgucuucuguuccaC............`	1	1	s05
`......................gucaaucgucuucuguuccaAu...........`	1	1	s05
`......................gucaaucgucuucuguuccauu...........`	2	0	s05
`.......................ucaaucgucuucuguuccca...........`	3	0	s05
`.......................ucaaucgucuucuguuccau...........`	3	0	s05
`.......................ucaaucgucuucuguuccauu..........`	3	0	s05
`.......................ucaaucgucuucuguuccauuA.........`	1	1	s05
`........................caaucgucuucuguuccau...........`	2	0	s05
`........................caaucgucuucuguuccauu..........`	4	0	s05
`........................caaucgucuucuguuccaCu..........`	2	1	s05
`........................caaucgucuucuguuccauAu.........`	4	1	s05
`........................caaucgucuucuguuccauuA.........`	2	1	s05
`.........................aaucgucuucuguuccauu..........`	1	0	s05
`...................................................ggaacagagaacaauugacU.`	2	1	s05
`...................................................ggaacagagaacCauugaccuga.`	1	1	s05
`...................................................ggaacagagaacaauugaccuga.`	1	0	s05
`...................................................ggaacagagGacaauugaccuga.`	1	1	s05
`...................................................ggaacagagaacaauugaccugaU.`	5	1	s05
`.....................................................gaacagagaacaauugaccu.`	1	0	s05
`.....................................................gaacagagaacaauugaccugaC.`	1	1	s05
`.....................................................gaacagagaacaauugaccugaU.`	2	1	s05
`......................................................aacagagaacaauugacA.`	1	1	s05
`......................................................aacagagaacaauugaccu.`	1	0	s05
`......................................................aacagagaacaauugaccuU.`	1	1	s05
`.............................................................auuuggaccaacacggauugucaug............`	1	0	s05
`.............................................................auuuggaccaacacggauugucaugaauug.......`	1	0	s05
`..................aagucaaucgucuucugA...............`	1	1	s13
`..................aagucaaucgucuucuUuu...............`	1	1	s13
`..................aagucaaucgucuucuguC...............`	1	1	s13
`..................aagucaaucgucuucuguu...............`	2	0	s13
`..................aagucaaucgucuucuguucA..............`	2	1	s13
`..................aagucaaucgucuucuguucU..............`	3	1	s13
`..................aagucaaucgucuucuguucc..............`	4	0	s13
`..................aagucaaucgucuucuguuUc..............`	1	1	s13
`..................aagucaaucgucuucuguucca.............`	5	0	s13
`..................aagucaaucgucuucuguuccaA............`	2	1	s13
`..................aagucaaucgucuucuguuccau............`	30	0	s13
`..................aagucaaucgucuucuAuuccau............`	1	1	s13
`..................aagucaaucgucuucuguucGau............`	1	1	s13
`..................aagucaaucgucuucuguuccaC............`	6	1	s13
`..................aagucaaucAucuucuguuccau............`	1	1	s13
`..................aagucaaucgCcuucuguuccau............`	1	1	s13
`..................aGgucaaucgucuucuguuccau............`	1	1	s13
`..................aagucaaucgucuAcuguuccauu...........`	1	1	s13
`..................aagucaaucgucuucuguuccauu...........`	132	0	s13
`..................aagucaaucgucuGcuguuccauu...........`	2	1	s13
`..................Gagucaaucgucuucuguuccauu...........`	2	1	s13
`..................aagucaaucgucuucuguuccauC...........`	16	1	s13
`..................aagucaaucgucuucuguuccauG...........`	1	1	s13
`..................aagucaUucgcuucuguuccauu...........`	1	1	s13
`..................aagucaaucgucuucuguuccaCu...........`	2	1	s13
`..................aUgucaaucgucuucuguuccauu...........`	1	1	s13
`..................aGgucaaucgucuucuguuccauu...........`	5	1	s13
`..................aagGcaaucgucuucuguuccauu...ucaaau ggaacagagaacaauugaccuga...`	1	1	s13
`..................aagucaaucgucuucuguuccauA...........`	15	1	s13

```
ucgaugaguugucuaaauuuaagucaaucgucuucuguuccauuucaaauggaacagagaacaauugaccugaauuuggaccaacacggauugucaugaauuguugucgg
```

Sequence	Count	M	Sample
..................................aagucaaucgucuucuguuccCuu...	1	1	s13
..................................Cagucaaucgucuucuguuccauu.	1	1	s13
..................................aagCcaaucgucuucuguuccauuu.	4	1	s13
..................................aagucaaucgucuucuguuccauuu.	27	0	s13
..................................aagucaaucgucuucuguuccauAu.	5	1	s13
..................................aagucaaucgucuucuguCccauuu.	1	1	s13
..................................aagucaaucgucuucuguuccauuA.	3	1	s13
..................................aagucaaucgucuucuguuccauuuA.	4	1	s13
..................................agucaaucgucuucuguuA.	1	1	s13
..................................agucaaucgucuucuguucca.	1	0	s13
..................................Ggucaaucgucuucuguucca.	1	1	s13
..................................agucaaucgucuucuguuccau.	1	0	s13
..................................agucaaucgucuucuguuccGu.	1	1	s13
..................................agucaaucgucuucuguuccauu.	4	0	s13
..................................agucaaucgucuucuguuccauA.	1	1	s13
..................................agucaaucgucuucuguuccauuA.	4	1	s13
..................................agucaaucgucuucuguuccauuuU.	2	1	s13
..................................gucaaucgucuucuguucca.	2	0	s13
..................................gucaaucgucuucuguuccauu.	1	0	s13
..................................ucaaucgucuucuguucca.	5	0	s13
..................................ucaaucgucuucuguuccaC.	3	1	s13
..................................ucaaucgucuucuguuccaG.	1	1	s13
..................................ucaaucgucuucuguuccau.	8	0	s13
..................................ucaaucgucuucuguuccauu.	3	0	s13
..................................ucaaucgucuucuguuccauA.	1	1	s13
..................................caaucgucuucuguucca.	3	0	s13
..................................caaucgucuucuguuccau.	2	0	s13
..................................caaucgucuucuguuccaCu.	1	1	s13
..................................caaucgucuucuguuccauA.	1	1	s13
..................................caaucgucuucuguuccauu.	2	0	s13
..................................uucaaauggaacagagaacaauugaccuga.	2	0	s13
..................................caaauggaacagagGaca.	2	1	s13
..................................ggaacagagGacaauuga.	2	1	s13
..................................ggaacagagGacaauugaccug.	1	1	s13
..................................ggaacagagGacaauugaccuga.	12	1	s13
..................................ggaacagagaacaauugaccugaU.	1	1	s13
..................................gaacagagaacaauugacA.	1	1	s13
..................................gaacagagaacaauugGccu.	4	1	s13
..................................gaacagagaacaauugaccugaU.	1	1	s13
..................................aacagagaacaauugacA.	2	1	s13
..................................aacagagaacaauugaccu.	3	0	s13
..................................aacagagaacaauugaccA.	7	1	s13
..................................aacagagaacaauugacAu.	1	1	s13
..................................acagagaacaauugGccu.	1	1	s13
..................................aagucaaucgucuucugu.	4	0	s12
..................................aagucaaucgucuucugGu.	1	1	s12
..................................aagucaaucgucuucCguu.	2	1	s12
..................................aagucaaucgucuucuguC.	1	1	s12
..................................aagucaaucgucuucuguu.	7	0	s12
..................................aagucaaucgucuucuguG.	1	1	s12
..................................aagucaGucgucuucuguuc.	1	1	s12
..................................aagucaaucgucuucuguuc.	25	0	s12
..................................aagucaaucgucuucuguuU.	7	1	s12
..................................aagucaaucgucuUAcuguuc.	1	1	s12
..................................aagucaaucgucuucuguucc.	1	1	s12
..................................aagucaaucgucuucuguucA.	40	1	s12
..................................aagucaaucgucuucCguucc.	1	1	s12
..................................aagucaaucgucuucuguucU.	31	1	s12
..................................aagucaaucgucuucuguucc.	54	0	s12
..................................aagucaaucgucuGcuguucc.	1	1	s12
..................................aagucaaucgucuucuguucG.	2	1	s12
..................................aagucaaucgucuucuguUca.	1	1	s12
..................................aagucaaucgucuucuguGcca.	1	1	s12
..................................aCgucaaucgucuucuguucca.	1	1	s12
..................................aagucaaucgucuucugAucca.	2	1	s12
..................................Gagucaaucgucuucuguucca.	5	1	s12
..................................Cagucaaucgucuucuguucca.	2	1	s12
aagucaaucgucuucuguuccG...ucaaaggaacagagaacaauugaccuga...aauuggaccaacacggauugucaugaauuguugucgg	11	1	s12
..................................aagucaaucgucuucuguuccC.	8	1	s12

Mature **Star**

```
ucgaugaguugucuaaauuuaagucaaucgucuucuguuccauuucaaauggaacagagaacaauugaccugaauuuggaccaacacggauugucaugaauuguugucgg
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Sequence	Count		Label
....................aagucaaucAucuucuguucca..	1	1	s12
....................aagucaaucguAuucuguucca..	1	1	s12
....................aagucaaucgucuGcguucca..	1	1	s12
....................aagucaaucgucuucuguuccU..	18	1	s12
....................aagucaaucgucuCcuguucca..	2	1	s12
....................aagucaaucgucuucuguucca..	201	0	s12
....................aagucaaucgucuucuguucUa..	2	1	s12
....................aagucaaucgucuucGguucca..	2	1	s12
....................aagCcaaucgucuucuguuccau..	2	1	s12
....................aagucaaucgucuucAguuccau..	1	1	s12
....................aagucaaucgucuGcguuccau..	1	1	s12
....................aagucaaucgucuuAuguuccau..	1	1	s12
....................aagucaaucgucuucugGccau..	1	1	s12
....................aagucaaucgucuucuguuccaC..	40	1	s12
....................aagucaaucgucuucuguuccaG..	7	1	s12
....................aGgucaaucgucuucuguuccau..	3	1	s12
....................aagucaaucgucuucuguuccUu..	11	1	s12
....................aagucaaucgucuucuguGccau..	1	1	s12
....................aagucGaucgucuucuguuccau..	1	1	s12
....................aagucaaucgucuucuguuccau..	265	0	s12
....................Gagucaaucgucuucuguuccau..	2	1	s12
....................aagucaaucgucuCcuguuccau..	1	1	s12
....................aagucaaucgucuucuguuccaA..	1	1	s12
....................aagucaaucgucuucuguuAcau..	1	1	s12
....................aagucaaucgucuucuguccGu..	2	1	s12
....................aagucaaucgucCucuguuccau..	1	1	s12
....................aagucaaucgucuucuguuccaAu..	2	1	s12
....................aagucaaucgucuucGguuccauu..	1	1	s12
....................aagucaaucgucucuAuuccauu..	1	1	s12
....................aagucaauUgucuucuguuccauu..	1	1	s12
....................Gagucaaucgucuucuguuccauu..	1	1	s12
....................aagucaaucgucGucuguuccauu..	1	1	s12
....................aagucaaucgucuucuguCccauu..	1	1	s12
....................aagucaaucgCcuucuguuccauu..	1	1	s12
....................Cagucaaucgucuucuguuccauu..	1	1	s12
....................aagucaaucgucuucuguuccauC..	57	1	s12
....................aagAcaaucgucuucuguuccauu..	3	1	s12
....................aagucaaucgucuAcguuccauu..	1	1	s12
....................aagucaaucgucuucuguuccauG..	5	1	s12
....................aagucaaucgucuucuguuccaGu..	6	1	s12
....................aagucaaucgucuucuguucAauu..	2	1	s12
....................aagucaaucgucuucuguuccGuu..	3	1	s12
....................aagucaaucgucuucuUuuccauu..	2	1	s12
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....................aGgucaaucgucuucuguuccauu..	3	1	s12
....................aagucaaucgucuucuguuccauA..	21	1	s12
....................aagucaaAcgucuucuguuccauu..	1	1	s12
....................aagucaaucgucuucuguuccaCu..	9	1	s12
....................aagucaGucgucuucuguuccauu..	1	1	s12
....................aagucaaucgucuucugCuccauu..	1	1	s12
....................aagucaaucgucuGcuguuccauu..	2	1	s12
....................aagucaaucgucCucuguuccauu..	2	1	s12
....................aagucaaucgucuucugGuccauu..	1	1	s12
....................aagucaaucgucuucguuccUuu..	2	1	s12
....................aagucaaucAucuucuguuccauu..	1	1	s12
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....................aagucaaucgucuCcuguuccauu..	3	1	s12
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....................aagucaaucgCcuucuguuccauuu..	2	1	s12
....................aagucaaucgucuucuguuccauuA..	1	1	s12
....................aaAucaaucgucuucuguuccauuu..	1	1	s12
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....................aagucaaucgucuucCguuccauuu..	1	1	s12
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....................aagucaaucgucuucuguuccauuuc..	1	0	s12
....................aagucaaucgucuucuguuccauuuU..	2	1	s12
ucgaugaguugucuaaauuuaagucaaucgucuucuguuccauuuUa...ggaacagagaacaauugaccugaauuuggaccaacacggauugucaugaauuguugucgg	1	1	s12
....................agucaaucgucuucuguu..	4	0	s12

ucgaugaguugucuaaauuu**aagucaaucgucuucuguuccauu**ucaaau**ggaacagagaacaauugaccuga**auuggaccaacacggauugucaugaauuguugucgg

Sequence			
.....................agucGaucgucuucuguucc...	1	1	s12
.....................agucaaucgucuucuguucc...	4	0	s12
.....................agucaaucgucuucuguGcc...	1	1	s12
.....................agucaaucgucuucuguucca..	3	0	s12
.....................agucaaucgucuucuguuccau...	3	0	s12
.....................agucaaucgucuucuguuccauu..	57	0	s12
.....................agucaaucgucuucuguuccaAu..	1	1	s12
.....................Ggucaaucgucuucuguuccauu...	1	1	s12
.....................agucaaCcgucuucuguuccauu...	1	1	s12
.....................agucaaucgucuucuguuccauC...	5	1	s12
.....................agucaauAgucuucuguuccauu...	2	1	s12
.....................agucaaucgucuucuguuccauG...	3	1	s12
.....................agCcaaucgucuucuguuccauu...	1	1	s12
.....................agucaaucgucuucuguuccaCu...	1	1	s12
.....................agucaaucgucuucuguuccauA...	6	1	s12
.....................aAucaaucgucuucuguuccauu...	1	1	s12
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......................gucaaucgucuucuguucA..	8	1	s12
......................gucaaucgucuucuguuccU...	1	1	s12
......................gucaaucgucuucuguucca...	3	0	s12
......................gucaaucgucuucuguuccau..	2	0	s12
......................gucaaucgucuucuguuccaC..	1	1	s12
......................gucaaucgucuucuguuccauu...	2	0	s12
......................gucaaucgucuucuguuccauC...	1	1	s12
.......................ucaaucgucuucuguucA...	1	1	s12
.......................ucaaucgucuucuguucc...	2	0	s12
.......................ucaaucgucuucuAuucca..	1	1	s12
.......................ucaaucgucuucuguucca..	13	0	s12
.......................ucaaucgucuucuguuccaC...	5	1	s12
.......................ucaGucgcuucuguuccau..	1	1	s12
.......................ucaaucgucuucuguuccau...	17	0	s12
.......................ucaAcgucuucuguuccau..	1	1	s12
.......................ucaaucgucuucuguuccaG...	1	1	s12
.......................ucaaucgucuucugAuccauu..	1	1	s12
.......................ucaaucgucuucuguuccauC..	3	1	s12
.......................ucaaucgucuucuguuccauu..	10	0	s12
.......................ucaaucgucuucuguuccauA..	2	1	s12
.......................ucaaucgucuucuguuccauuu...	1	0	s12
........................caaucgucuucuguuccau...	2	0	s12
........................caaucguUucuguuccau..	1	1	s12
........................caaucgucuucuguuccauC..	3	1	s12
........................caaucgucuucuguuccauu..	11	0	s12
........................caaucgucuucuguuccaAu...	1	1	s12
........................caaucgucuucuguuccaCu...	1	1	s12
........................caaucgucuucuguuccauAu..	1	1	s12
.........................aaucgucuucuguuccau..	1	0	s12
.........................aaucgucuucuguuccGuu...	1	1	s12
.........................aaucgucuucuguuccaAu...	1	1	s12
.........................aaucgucuucuguuccauu...	2	0	s12
....uggaacagagaacaauugac.................................	1	0	s12
....uggaacagagaacaauugacc................................	1	0	s12
....Agaacagagaacaauugacc.................................	3	1	s12
....ggaacagagaacaauugacc.................................	1	0	s12
....ggaacagagGacaauugacc.................................	2	1	s12
....ggaacagagGacaauugaccu................................	2	1	s12
....ggaacagagGacaauugaccug...............................	5	1	s12
....ggaacagagGacaauugaccuga..............................	39	1	s12
....ggaacagagaacGauugaccuga..............................	1	1	s12
....ggaacagagaacaGuugaccuga..............................	1	1	s12
....ggaacagagaacaauugaccuga..............................	4	0	s12
....ggaacagagaacaauugaccugaU.............................	1	1	s12
....gaacagagGacaauugacc.................................	3	1	s12
....gaacagagaacaauugacc.................................	2	0	s12
....gaacagagGacaauugaccu................................	5	1	s12
ucgaugaguugucuaaauuuaagucaaucgucuucuguuccauuucaaaugaacagagGacaauugaccug...auuggaccaacacggauugucaugaauuguugucgg	3	1	s12
....gaacagagaacaauugaccuga..............................	2	0	s12

```
ucgaugaguugucuaaauuuaagucaaucgucuucuguuccauuucaaauggaacagagaacaauugaccugaauuuggaccaacacggauugucaugaauuguugucgg
```

Sequence	Count	Flag	ID
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....gaacagagaacaauugaccugaU..................................	2	1	s12
....gaacagagGacaauugaccugaa.................................	3	1	s12
....aacagagGacaauugacc......................................	4	1	s12
....aacagagaacaauugacc......................................	1	0	s12
....aacagagGacaauugaccu.....................................	4	1	s12
....aacagagaacaauugaccu.....................................	2	0	s12
....aacagagaacaauugaccuU....................................	1	1	s12
....aacagagGacaauugaccug....................................	3	1	s12
....acagagGacaauugaccu.....................................	1	1	s12
....agagaacaauugaccuga....................................	1	0	s12
....agagaacaauugaccugaU...................................	1	1	s12
....auuuggaccaacacggauu.................	2	0	s12
...............aagucaaucgucuucuguuc...	2	0	s14
...............aagucaaucgucuucuguucc..	1	0	s14
...............aagucaaucgucuucuguucca...	2	0	s14
...............aagucaaucgucuucuguuccau..	9	0	s14
...............aGgucaaucgucuucuguuccauu...	3	1	s14
...............aagucaaucgucuucuguuccauu...	16	0	s14
...............aagucaaucgucuucuguuccauA...	3	1	s14
...............aagucaaucgucCucuguuccauuu..	1	1	s14
...............aagucaaucgucuucuguuccauuu..	2	0	s14
...............aagucaaucgucuucuguuccauuU...	1	1	s14
...............agucaaucgucuucuguuccGu...	1	1	s14
................ucaaucgucuucuguuccG..	1	1	s14
................ucaaucgucuucuguuccau...	2	0	s14
....ggaacagagGacaauugaccuga............................	1	1	s14
...............aagucaaucgucuucugA...	1	1	s19
...............aagucaaucgucuucuguu..	1	0	s19
...............aagucaaucgucuucuguC..	3	1	s19
...............aagucaaCcgucuucuguu..	4	1	s19
...............aGgucaaucgucuucuguuc...	1	1	s19
...............aagucaaucgucuucuguuc...	2	0	s19
...............aagucaaucgucuucuguucc..	18	0	s19
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...............aagucaaucgucuucuguucA..	2	1	s19
...............aagucaaucgucuucuguucU..	5	1	s19
...............aagucaaucgucuucuguuccC...	1	1	s19
...............aagucaaucgucuucuguucca...	15	0	s19
...............aGgucaaucgucuucuguucca...	1	1	s19
...............aagucaaucgCcuucuguucca...	1	1	s19
...............aagucaaucgucuucuguuccaC..	6	1	s19
...............aagucaaucgucuucugCuccau..	1	1	s19
...............aagucaaucgucuucuguuccGu..	2	1	s19
...............aagucaaucgucuucuguuccCu..	1	1	s19
...............aGgucaaucgucuucuguuccau..	1	1	s19
...............aagucaaucgucuucuguuccaG..	2	1	s19
...............aagucaaucgucuucuguuccaA..	1	1	s19
...............aagucaaucgucuucuguuccau..	75	0	s19
...............Gagucaaucgucuucuguuccauu...	2	1	s19
...............aagucaaucgucuucuguucAauu...	2	1	s19
...............aagucaaucgucuucuguuccauC...	28	1	s19
...............aaCucaaucgucuucuguuccauu...	1	1	s19
...............aagucaaucgucCucuguuccauu...	1	1	s19
...............aagucaaucUucuguuccauu...	2	1	s19
...............aagucaaucgucuucugCuccauu...	5	1	s19
...............aagucaaucgucuucuguCccauu...	4	1	s19
...............aagucaaucgucuucugAuccauu...	1	1	s19
...............aagCcaaucgucuucuguuccauu...	1	1	s19
...............aagucaaucgucuucuguuccauA...	13	1	s19
...............aagucaaucgucuGcguuccauu...	1	1	s19
...............aagucaaucgucuucuguuccauu...	252	0	s19
...............aagucaaucgucuAcguuccauu...	1	1	s19
...............aagucaaucgucuucuguuccaCu...	2	1	s19
...............aGgucaaucgucuucuguuccauu...	8	1	s19
...............aagucaaucgucuucuguuccaGu...	5	1	s19
...............aagucaaucgucuucuguuccauG...	2	1	s19
...............aagucaaucgucuucuguuccauuC..	4	1	s19
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                Mature                 Star

ucgaugaguugucuaaauuuaagucaaucgucuucuguuccauuucaaauggaacagagaacaauugaccugaauuuggaccaacacggauugucaugaauuguugucgg
..................aagucaaucgucuucuguuccauuA.............................................  2    1   s19
..................aagucaaCcgucuucuguuccauuu............................................  1    1   s19
..................aagucaaucgucuucuguuccaAuu............................................  1    1   s19
..................aagucaaucgucuucuguuccauuu............................................  19   0   s19
..................aagucaaucgucuucuguuccauuuU...........................................  1    1   s19
...................agucaaucgucuucugGu.................................................  1    1   s19
...................agucaaucgucuucuguucca..............................................  1    0   s19
...................agucaaucgucuucuguuccau.............................................  3    0   s19
...................agucaaucgAcuucuguuccauu............................................  1    1   s19
...................agucaaucgucuucuguuccauC............................................  2    1   s19
...................agucaaucgucuucuguuccauu............................................  11   0   s19
...................agucaaucgucuucuguuccauuA...........................................  4    1   s19
...................agucaaucgucuucuguuccauuuA..........................................  1    1   s19
....................gucaaucgucuucuguucca.............................................  1    0   s19
....................gucaaucgucuucuguuccauC...........................................  1    1   s19
....................gucaaucgucuucuguuccaCu...........................................  3    1   s19
....................gucaaucgucuucuguuccauu..........................................  2    0   s19
....................gucaaucgucuucuguuccaCuu..........................................  1    1   s19
.....................ucaaucgucuucuguuccU............................................  1    1   s19
.....................ucaaucgucuucuguucca............................................  3    0   s19
.....................ucaaucgucuucuguuccau...........................................  11   0   s19
.....................ucaaucgucuucuguuccauu..........................................  2    0   s19
................................................ggaacagagGacaauugaccug................  2    1   s19
................................................ggaacagagGacaauugaccuga...............  14   1   s19
.................................................gaacagagGacaauugaccug................  1    1   s19
..................................................aacagagaacaauugacU................  2    1   s19
..................................................aacagagGacaauugaccu...............  1    1   s19
..................................................aacagagaacaauugaccA...............  2    1   s19
..................................................aacagagaacaauugaccu...............  1    0   s19
..................................................aacagagaUcaauugaccu...............  1    1   s19
...................................................acagagaacaauugaccA..............  1    1   s19
......................................................agagaacaauugaccugaU...........  1    1   s19


..................aagucaaucgucuucugu................................................  1    0   s10
..................aagucaaucgucuucugA................................................  1    1   s10
..................aagucaaucgucuucuguC...............................................  1    1   s10
..................aGgucaaucgucuucuguu...............................................  3    1   s10
..................aagucaaucgucuucuguu...............................................  1    0   s10
..................aagucaaucgucuucuguuc..............................................  21   0   s10
..................aagucaaucgucuucuguuU..............................................  2    1   s10
..................aagucaaucgucuucuguucA.............................................  3    1   s10
..................aagucaaucgucuucuguucG.............................................  1    1   s10
..................aagucaaucgucuucuguucU.............................................  8    1   s10
..................aagucaaucgucuucuguucc.............................................  26   0   s10
..................aagucaaucgucuucuguuccG............................................  3    1   s10
..................aGgucaaucgucuucuguucca............................................  3    1   s10
..................aagucaaucgucuucuguucca............................................  38   0   s10
..................aagucaGucgucuucuguucca............................................  1    1   s10
..................aagucaaGcgucuucuguucca............................................  1    1   s10
..................aagucaaucgucuucuguuccU............................................  2    1   s10
..................aagucaaucgucuucuguuccC............................................  1    1   s10
..................aagucaaucgCcuucuguucca............................................  1    1   s10
..................aagucaaucgGcuucuguuccau...........................................  1    1   s10
..................aagucaaucgucuucuAuuccau...........................................  2    1   s10
..................Cagucaaucgucuucuguuccau...........................................  1    1   s10
..................aagucaaucgucuucuguuccaG...........................................  6    1   s10
..................aagucaaucgucuucuguuccaA...........................................  3    1   s10
..................aagucaaucgucuuUuguuccau...........................................  1    1   s10
..................aaguUaaucgucuucuguuccau...........................................  1    1   s10
..................aGgucaaucgucuucuguuccau...........................................  7    1   s10
..................aagucaaucgucuucuguuccaC...........................................  40   1   s10
..................aagucaaucgucGucuguuccau...........................................  1    1   s10
..................aagucaaucgAcuucuguuccau...........................................  1    1   s10
..................aagucaaucgucuucuguCccau...........................................  1    1   s10
..................aagucaaucgucuucuguuccGu...........................................  9    1   s10
..................aagucaaucAucuucuguuccau...........................................  1    1   s10
..................aagucaaucgucuucuguuccau...........................................  156  0   s10
..................aagucaaucgucuucuguucUau...........................................  1    1   s10
..................aagucaaCcgucuucuguuccauucaaauggaacagagaacaauugaccuga...............  1    1   s10
..................aagucaaucgucuucuguuccCu...........................................  1    1   s10
```

```
ucgaugaguugucuaaauuuaagucaaucgucuucuguuccauucaaauggaacagagaacaauugaccugaauuuggaccaacacggauugucaugaauuguugucgg
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Sequence	Count	Flag	Name
....................Gagucaaucgucuucuguuccauu..	2	1	s10
....................aagucaaucgucuucuguuccauC..	50	1	s10
....................aagucaaucgucuucugGuccauu..	1	1	s10
....................aagucaaucgucuucuguuccauA..	31	1	s10
....................aagucaaucgucuCcuguuccauu..	2	1	s10
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....................aaguAaaucgucuucuguuccauu..	1	1	s10
....................aagucaaucgucuucuguuccaGu..	7	1	s10
....................aagucaaucgucuucuguuccCuu..	1	1	s10
....................aagucaaucCucuucuguuccauu..	1	1	s10
....................Cagucaaucgucuucuguuccauu..	1	1	s10
....................aagucaaucgucuucuguuccaCu..	4	1	s10
....................aagucaaucgucuucuguuccGuu..	1	1	s10
....................aagucaaucgucuucuguuccauu..	336	0	s10
....................aagucaaucgucuucugCuccauu..	3	1	s10
....................aagGcaaucgucuucuguuccauu..	2	1	s10
....................aGgucaaucgucuucuguuccauu..	5	1	s10
....................aagucaaucgucuAcuguuccauu..	2	1	s10
....................aagucaaCcgucuucuguuccauu..	1	1	s10
....................aagucaaucgucuucAguuccauu..	1	1	s10
....................aagucaaucgucuucuguuccauG..	1	1	s10
....................aagCcaaucgucuucuguuccauu..	1	1	s10
....................aagucaaucgCcuucuguuccauu..	3	1	s10
....................aaUucaaucgucuucuguuccauu..	1	1	s10
....................aagucaaucgucuucuguuccaAu..	7	1	s10
....................aagucaaucgucuucuguuccauuC...	11	1	s10
....................aagucaaucgucuucuguuccauGu...	1	1	s10
....................aagucaaucgucuucuguuccauuu...	50	0	s10
....................aagucaaucgucuucuguuccauuG...	2	1	s10
....................aagucaaucgucuucuguuccauAu...	4	1	s10
....................aagucaaucgucuucuguuccauuA...	6	1	s10
....................aagucaaucgucuCcuguuccauuu...	1	1	s10
....................aagucaaucgucuucuguuccauuuA..	2	1	s10
....................aagucaaucgucuucuguuccauuuU..	1	1	s10
.....................agucaaucgucuucuguC..	3	1	s10
.....................agucaaucgucuucuguuccc...	1	0	s10
.....................agucaaucgucuucuguuccau...	1	0	s10
.....................agucaaucgucuucuguuccauu..	12	0	s10
.....................agucaaucgucuucuguuccauuu...	1	0	s10
.....................agucaaucgucuucuguucUauuu...	1	1	s10
.....................agucaaucgucuucuguuccauuC...	1	1	s10
......................gucaaucgucuucuguuccauu...	3	0	s10
......................gucaaucgucuucuguuccauuUa..	1	1	s10
.......................ucaaucgucuucuguucA...	1	1	s10
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.......................ucaaucgucuucuguuccU..	1	1	s10
.......................ucaaucgucuucuguucca..	2	0	s10
.......................ucaaucgucuucuguuccUu...	1	1	s10
.......................ucaaucgucuucuguuccaC...	4	1	s10
.......................ucaaucgucuucuguuccauu...	5	0	s10
.......................ucaaucgucuucuguuccauA...	1	1	s10
.......................ucaaucgucuucuguuccaCu...	1	1	s10
.......................ucaaucgucuucuguuccauuu...	1	0	s10
........................caaucgucuucuguuccUu...	1	1	s10
........................caaucgucuucuguuccau...	1	0	s10
........................caaucgucuucuguuccauA..	2	1	s10
........................caaucgucuucuguuccauuC...	1	1	s10
........................caaucgucuucuguuccauuu...	1	0	s10
.........................aaucgucuucuguuccauuu..	1	0	s10
....auuucaaauggaacagagaacaauugaccu..........................	2	0	s10
....auuucaaauggaacagagaacaauugaccG..........................	1	1	s10
....aaauggaacagagaacaauugacc.............................	1	0	s10
....aaauggaacagagaacaauugaccu.............................	1	0	s10
....ggaacagagaacaauugaccA.............................	1	1	s10
....ggaacagagGacaauugaccug............................	4	1	s10
....ggaacagagaacaauugaGcug............................	1	1	s10
....ggaacagagaacaauugaccuAa...........................	1	1	s10
....ggaacagagGacaauugaccuga..........................	12	1	s10
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....gaacagagGacaauugaccuga....................	2	1	s10

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Sequence	Count1	Count2	Sample
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..................aagucaaucgucuucuguucU...	1	1	s17
..................aagucaaucgucuucuguucca..	2	0	s17
..................aagucaaucgucuucuguuccaC...	2	1	s17
..................aagucaaCcgucuucuguuccau...	1	1	s17
..................aGgucaaucgucuucuguuccau...	1	1	s17
..................aagucaaucgucuucugCuccau...	1	1	s17
..................aagucaaucgucuucuguuccau...	8	0	s17
..................aGgucaaucgucuucuguuccauu..	1	1	s17
..................aagucaaucgucuAcguuccauu..	1	1	s17
..................aagucaaCcgucuucuguuccauu..	1	1	s17
..................aagucaaucgucuucugGuccauu..	1	1	s17
..................aagucaaAcgucuucuguuccauu..	1	1	s17
..................aagucaaucgucuucuguuccauu..	68	0	s17
..................aagucaUucgucuucuguuccauu..	1	1	s17
..................aagucaaucgucuucuguuccGuu..	1	1	s17
..................aagucaaucgucuucuguuccauC...	14	1	s17
..................aagucaaucgucuCcguuccauu..	1	1	s17
..................aagucaaucgucuucuguuccaCu...	2	1	s17
..................aagucaaucgucuuGuguuccauu..	1	1	s17
..................aagucaaucgucuucuguuccaGu...	1	1	s17
..................aagucaaucgucuucuguuccauG...	1	1	s17
..................aagucaaucgucuucuguuccauA...	1	1	s17
..................aagucaaucgucuucuguCccauu..	1	1	s17
..................aagucaaucgucuucuguuccauuu..	16	0	s17
..................aagucaaucgucuucuguuccauuA..	2	1	s17
..................aagucaaucgucuucuguuccauAu..	1	1	s17
..................aagucaaucgucuucuguuccauuC..	1	1	s17
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....ggaacagagaacaauugaccuga.....................................	1	0	s17
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...................aagucaaucgucuucugAu...	1	1	s01
...................aagucaaucgucuucuguucU...	2	1	s01
...................aagucaaucgucuucuguucA...	3	1	s01
...................aagucaaucgucuucuguucc...	2	0	s01
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...................aagucaaucgucuucuguuccaC...	4	1	s01
...................aagucaaucgucCucguuccau..	1	1	s01
...................aagucaaucgucuucuguuccau...	28	0	s01
...................aagucaaucgucuucuguuccauA..	31	1	s01
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...................aagucaaucgucuucuguuccaAu..	2	1	s01
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...................aagucaUucgucuucuguuccauu..	1	1	s01
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...................aagucaaucgucuucuguuccauG..	1	1	s01

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..................aagucaaucgucuucCguuccauu.................................................................   1    1    s01
..................aagucaaucgucuucuguuccauuu................................................................   6    0    s01
..................aagucaaucgucuucuguuccauuC................................................................   1    1    s01
..................aagucaaucgucuucuguuccauuA................................................................   1    1    s01
..................aagucaaucgucuucuguuccauAu................................................................   2    1    s01
..................aagucaaucgucuucuguuccauuuA...............................................................   3    1    s01
...................agucaaucgucuucuguuccaC..................................................................   1    1    s01
...................agucaaucgucuucuguuccau..................................................................   1    0    s01
...................agucaaucgucuucuguuccauu.................................................................   4    0    s01
...................agucaaucgucuucuguuccauA.................................................................   3    1    s01
...................agucaaucgucuucuguuccaCu.................................................................   1    1    s01
...................agucaaucgucuucuguuccauC.................................................................   1    1    s01
......................gucaaucgucuucuguuccC.................................................................   1    1    s01
......................gucaaucgucuucuguuccauu...............................................................   1    0    s01
......................gucGaucgucuucuguuccauu...............................................................   1    1    s01
.......................ucaaucgucuucuguucca.................................................................   5    0    s01
.......................ucaaucgucuucuguuccau................................................................  16    0    s01
........................caaucgucuucuguuccauuu..............................................................   1    0    s01
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.............................................ggaacagagGacaauugaccug.......................................   3    1    s01
.............................................ggaacagagGacaauugaccuga......................................   9    1    s01
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