Provisional ID	: Pocillopora_meandrina_HIv1___xfSc0000017_985353
Score total	: 65601.9
Score for star read(s)	: 3.9
Score for read counts	: 65595.8
Score for mfe	: 1.5
Score for randfold	: -2.2
Score for cons. seed	: 3
Total read count	: 128675
Mature read count	: 126663
Loop read count	: 30
Star read count	: 1982

Star   **Mature**

```
5'- cgaaguuaagcccugucgggcgggguuaguacuugggauggugugaccgccugggaauaccccguguuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu  -3'    obs
    cgaaguuaagcccugucgggcgggguuaguacuugggauggugugaccgccugggaauaccccguguuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu         exp
    .(((((.(((((.((..(.(((((((((...(.((..((.(((....)))))..))))..))))))))).)..)))))))).))))...............................    reads    mm    sample
    cgaaguuaagcccuguc.................................................................................................    1      0     seq
    cgaaguuaagcccgucgg................................................................................................    1      0     seq
    cgaaguuaagcccgucgA................................................................................................    1      1     seq
    cgaaguuaagcccgucggg...............................................................................................    1      0     seq
    cgaaguuaagcccgucgggc..............................................................................................    1      0     seq
    cgaaguuaagcccgucgggcgA............................................................................................    2      1     seq
    cgaaguuaagcccgucgggcggg...........................................................................................    6      0     seq
    cgaaguuaagcccgucgggcgAg..........................................................................................    1      1     seq
    cgaaguuaagcccgucgggcggU..........................................................................................    1      1     seq
    cgaaguuaagcccgucgggcgggA.........................................................................................    4      1     seq
    cgaaguuaagcccgucgggcgggg.........................................................................................    5      0     seq
    cgaaguuaagcccgucgggcgggU.........................................................................................    2      1     seq
    cgaaguuaaUcccgucgggcggggu........................................................................................    1      1     seq
    cgaaguuaagcccgucgggcggggu........................................................................................    12     0     seq
    cgaaguuaagcccgucgggcggggC........................................................................................    6      1     seq
    cCaaguuaagcccgucgggcggggu........................................................................................    1      1     seq
    cgaaguuaagcccgucgggcgggUu.......................................................................................    1      1     seq
    cgaaguuaagcccgucgggcgggCuu......................................................................................    3      1     seq
    cgaaguuaagcccgucgggcgggCu.......................................................................................    1      1     seq
    cgaaguuaagcccgucgggcgggguC......................................................................................    6      1     seq
    cgaaguuaagcccgucgggcgggguu......................................................................................    25     0     seq
    cgaaguuaagcccgucgggcggggAu.....................................................................................    1      1     seq
    cgaaguuaagcccgucgggcgggguA.....................................................................................    3      1     seq
    cgaaguuaagcccgucgggcgggguG.....................................................................................    2      1     seq
    cgaaUuuaagcccgucgggcgggguu.....................................................................................    1      1     seq
    cgaaguuaagcccgucgggcgggguua....................................................................................    9      0     seq
    cgaaguCaagcccgucgggcgggguua....................................................................................    1      1     seq
    cgaaguuaagcccgucgggcgggguuagu.................................................................................    20     0     seq
    cgaaguuaagcccgucgggcgggguuagC.................................................................................    6      1     seq
    cgaaguuaagcccgucgggcgggguuUgu.................................................................................    1      1     seq
    cgaaguuaagcccgucgggcgggguuagua................................................................................    3      0     seq
    .gaaguuaagcccgucgg...............................................................................................    9      0     seq
    .gaaguuaagcccgucgA...............................................................................................    7      1     seq
```

Star   **Mature**

cgaaguuaagcccugucgggcgggguuaguacuugggaugggugaccgccugggaauaccccguguuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu

Sequence	Count	Flag	
.gaaguuaagcccugucggg..	1	0	seq
.gaaguuaagcccugucgggc...	1	0	seq
.gaaguuaagcccugucgggcA..	1	1	seq
.gaaguuaagcccugucgggcgg...	2	0	seq
.gaaguuGagcccugucgggcggg..	1	1	seq
.gaaguuaagcccugucgggcggg..	13	0	seq
.gaaguuaagcccugucgggcgggg...	18	0	seq
.gaaguuaagcccugucgggcgggA...	3	1	seq
.gaaguuaagcUcugucgggcggggu..	1	1	seq
.gaaguuaagcccugucgggcggggC..	2	1	seq
.gaaguuaagcccugucgggcggggu..	10	0	seq
.gaaguuaagcccugucgggcgggAu..	1	1	seq
.gaaguuaagcccugucgggc ggggguu...	9	0	seq
.gaaguuaagcccugucgggcggggAuu..	1	1	seq
.gaaguuaagcccugucgggcgggguA...	4	1	seq
.gaaguuaagcccugucgggcgggguC...	3	1	seq
.gaaguuaagcccugucgggcgggguua..	3	0	seq
.gaaguuaagcccugucgggcgggguuag...	1	0	seq
.gaaguuaagcccugucgggcgggguuagC..	1	1	seq
.gaaguuaagcccugucgggcgggguuagu..	5	0	seq
.gaaguuaagcccugucgggcgggguuaguac..	7	0	seq
..aaguuaagcccugucgg..	3	0	seq
..aaguuaagcccugucggg...	1	0	seq
..aaguuaagcccugCcggg...	1	1	seq
..aaguuaagcccugucggA...	2	1	seq
..aaguuaagcccugucgggc..	3	0	seq
..aaguuaagcccugucgggcgA..	2	1	seq
..aaguuaagcccugucgggcgg..	6	0	seq
..aaguuaagcccugucgggcggg...	8	0	seq
..aaguuaagcccugucgggcgUg...	1	1	seq
..aaguuaagcccugucgggcgCg...	2	1	seq
..aaguuaagcccugucgggcggA...	3	1	seq
..aaguuaagcccugucgggAggg...	1	1	seq
..aaguuGagcccugucgggcgggg..	1	1	seq
..aaguuaagcccugucgggcggAg..	1	1	seq
..aaguuaagcccugucgggcgggU..	2	1	seq
..aaguuaagcccugucgggcgggA..	4	1	seq
..aaguuaagcccugucgggcgggg..	21	0	seq
..aaguuaagcccugucgggcgggu..	14	0	seq
..aaguuaagcccugucgggcggggA...	4	1	seq
..aaguuaagcccugucgggcggggC...	3	1	seq
..aaUuaagcccugucgggcgggu...	1	1	seq
..aaguuaagcccugucgggcgggguG..	1	1	seq
..aaguuaagcccugucgggcgggguC..	2	1	seq
..aaguuaagcccugucgggcgggguu..	26	0	seq
..aaguuaagcccugucgggcgggguA..	4	1	seq
..aaguuaagcccugucgggcgggguua...	4	0	seq
..aaguuaagcUcugucgggcgggguua...	1	1	seq
..aaguuaagcccugucgggcgggguuagC..	1	1	seq
..aaguuaagcccugucgggcgggguuagua...	1	0	seq
..aaguuaagcccugucgggcgggguuaguac..	2	0	seq
..aCguuaagcccugucgggcgggguuaguac..	1	1	seq
..aaguuaagcccugucgggcgggguuaguacC...	2	1	seq
..aaguuaagcccugucgggcgggguuaguacu...	11	0	seq
..aaguuaagcccugucgggcgggguuaguacG...	1	1	seq
..aaguuaagcccugucgggcgggguuaguacA...	1	1	seq
...aguuaagcccugucgggA..	1	1	seq
...aguuaagcccugucgggU..	1	1	seq
...aguuaagcccugucgggc..	1	0	seq
...aguuaagcccugucgggcgA..	1	1	seq
...aguuaagcccugucgggcggg...	9	0	seq
...aguuaagcccugucgggcggA...	1	1	seq
...aguuaagcccugucgggcggCg..	1	1	seq
...aguuaagcccugucgggcgggA..	3	1	seq
...aguuaagcccugucgggcgggg..	5	0	seq
...aguuaagcccugucgggcggggu...	15	0	seq
...aguuaagcccugucgggc ggggA..	3	1	seq
...aguuaagcccugucgggcggggC...	4	1	seq
...aguuaagcccugucgggcgggguA..	5	1	seq
...aguuaagcccugucgggcgggguu..	19	0	seq

cgaaguuaagcccugucgggcgggguuaguacuugggaugggugaccgccugggaauaccccguguuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu

Sequence	count	star/mature	
...aguuaagcccugucgggcgggguC.	7	1	seq
...aguuaagcccugucgggcgggguua.	1	0	seq
...aguuaagcccugucgggcgggguag.	1	0	seq
...aguuaagcccugucgggcgggguagu.	4	0	seq
...aguuaagcccugucgggcgggguagua.	2	0	seq
...aguuaagcUcugucgggcgggguagua.	1	1	seq
...aguuaagcccugucgggcgggguaguac.	3	0	seq
...aguuaagcccugucgggcgggguaguacG.	5	1	seq
...aguuaagcccugucgggcgggguaguacA.	7	1	seq
...aguuaagcccugucgggcgggguaguacu.	16	0	seq
...aguuaagcccugucgggcgggguaguacC.	6	1	seq
...aguuaagcccugucgggcgggguuaAuacuu.	1	1	seq
...Gguuaagcccugucgggcgggguuaguacuu.	1	1	seq
...aguuUagcccugucgggcgggguuaguacuu.	1	1	seq
...aguuaagcUcugucgggcgggguuaguacuu.	1	1	seq
...aguuaagcccugucgggcgggguuaguacCu.	1	1	seq
...aguuaagcccugucgggcAggcgggguuaguacuu.	1	1	seq
...aguuaagcccugucgggcgggguuaguGcuu.	5	1	seq
...aguuaagcccugucgggcgggguuaguacGu.	9	1	seq
...aguuaagcccugucgggcgggguuaguacuu.	456	0	seq
...Uguuaagcccugucgggcgggguuaguacuu.	2	1	seq
...aguuaagcccugucgggcgggguuaguacAu.	3	1	seq
...Cguuaagcccugucgggcgggguuaguacuu.	5	1	seq
...aguuaagcccugucgggcgggguuaguacuA.	31	1	seq
...aguuaagcccCgucgggcgggguuaguacuu.	4	1	seq
...aguuaaAcccugucgggcgggguuaguacuu.	1	1	seq
...aguuaagcccugCcgggcgggguuaguacuu.	2	1	seq
...aguuaagcccugucgggAgggguuaguacuu.	1	1	seq
...aguuaagcccugucgggcgggguCaguacuu.	1	1	seq
...aguuaagcccugucgggcgggguuaguaUuu.	1	1	seq
...aguuaagcccugucgggcgggguuGguacuu.	2	1	seq
...aguuaagcccugucgggcUgggcgggguuaguacuu.	2	1	seq
...aguuaagcccugucgggcggggCuaguacuu.	1	1	seq
...aguuaagcccugucgggcgggguuaguacuG.	21	1	seq
...aguuaagcccugucgggcgggguuaguacuC.	65	1	seq
...aguuaagcccugucgggcgggguuagCacuu.	1	1	seq
...aAuuaagcccugucgggcgggguuaguacuu.	2	1	seq
....guuaagcccugucgggcg.	2	0	seq
....guuaagUccugucgggcggg.	2	1	seq
....guuaagcccugucgggcggg.	8	0	seq
....guuaagcccugucgggcgggA.	3	1	seq
....guuaagcccugucgggcgggU.	4	1	seq
....guuaagcccugucgggcgggg.	7	0	seq
....guuaagcccugucgggcgggCu.	3	1	seq
....guuaagcccugucgggcggggu.	10	0	seq
....guuaagUccugucgggcggggu.	1	1	seq
....guuaagcccugucgggcggggA.	2	1	seq
....guuaagcccugucgggcggggC.	5	1	seq
....guuaagcccugucgggcgggguA.	3	1	seq
....guuaagcccugucgggcgggguu.	14	0	seq
....guuaagcccugucgggcgggguC.	5	1	seq
....guuaagcccugucgggcgggguuagu.	3	0	seq
....guuaagcccugucgggcgggguuagC.	1	1	seq
....guuaagcccugucgggcgggguuagCa.	1	1	seq
....guuaagcccugucgggcgggguuagua.	2	0	seq
....guuaagcccugucgggcgggguuaguac.	4	0	seq
....guuaagcccugucgggAcgggguuaguac.	1	1	seq
....guuaagcccugucgggcgggguuaguacC.	9	1	seq
....guuaagcccugucgggcgggguuaguacu.	31	0	seq
....guuaagcccugucgggcgggguuaguacA.	13	1	seq
....guuaagcccugucgggcgggguuaguacG.	3	1	seq
....guuaagcccCgucgggcgggguuaguacu.	1	1	seq
....guuaagcccugucgggcgggguCaguacu.	1	1	seq
....guuaagcccugucgggcgggguuagCacuu.	1	1	seq
....guuaagcccugucgggcgggguuaguacCu.	1	1	seq
....guuaagcccugucgggcgggguuaguacuC.	33	1	seq
....guuaagccUugucgggcgggguuaguacuu.	1	1	seq
....guuaagcccugucgggcgggguuaguacuu.	199	0	seq
....guuaagcccCgucgggcgggguuaguacuu.	1	1	seq
....guuaagcccugucAggcgggguuaguacuu.	1	1	seq

```
cgaaguuaagcccugucgggcgggguuaguacuugggaugggugaccgccugggaauaccccguguuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu
```

Sequence			
....guuaagcccugucgggcgggguCaguacuu..	1	1	seq
....guuaagcccugucgggcgggguuaguacuA..	17	1	seq
....guuaagcccugucgggcgggguuaguacuG..	9	1	seq
....guuaagcccugucgggcgggguuaguacGu..	12	1	seq
....guuaagcccugucgggcgggguuaguGcuu..	3	1	seq
....guuaagcccugucgggUgggguuaguacuu..	1	1	seq
....Auuaagcccugucgggcgggguuaguacuu..	1	1	seq
....guuaagcccugucgggcggggCuaguacuu..	2	1	seq
....guuaagcccugucgggcgggguuaguacuGg...	15	1	seq
....guuaagcccugucgggcUggguuaguacuug...	1	1	seq
....guuaagcccugCcgggcgggguuaguacuug...	2	1	seq
....guuaagUccgucgggcgggguuaguacuug...	2	1	seq
....guuaagcccugucgggcgggguuaguacuug...	142	0	seq
....guuaagcccugucgggcgggguuaguacGug...	1	1	seq
....guuaagcccugucgggcgggguuaguacuCg...	3	1	seq
....guuaagcccugucgggcgggguuaguacuuA...	16	1	seq
....guuaagcccugucgggcgggguCaguacuug...	1	1	seq
....guuaagcccugucgggcgggguuagCacuug...	1	1	seq
.....uuaagcccugucgggcgggC...	1	1	seq
.....uuaagcccugucgggcgggg...	9	0	seq
.....uuaagcccugucgggcgggA...	3	1	seq
.....uuaagcccugucgggcggggC..	2	1	seq
.....uuaagcccugucgggcggggu..	2	0	seq
.....uuaagcccugucgggUgggguu...	1	1	seq
.....uuaagcccugucgggcgggguu...	7	0	seq
.....uuaagcccugucgggcgggguA...	2	1	seq
.....uuaagcccugucgggcgggguG...	1	1	seq
.....uuaagcccugucgggcgggguuaguacC..	2	1	seq
.....uuaagcccCgucgggcgggguuaguacu..	1	1	seq
.....uuaagcccugucgggcgggguuaguacA..	3	1	seq
.....uuaagcccugucgggcgggguuaguacu..	9	0	seq
.....uuaagcccugCcgggcgggguuaguacuu...	2	1	seq
.....uuaagcccugucgggcggggCuaguacuu...	1	1	seq
.....uuaagcccugucgggcgggguuaguacuu...	20	0	seq
.....uuaagcccugucgggcgggguuaguacuA...	1	1	seq
.....uuaagcccugucgggcgggguuaguacuC...	3	1	seq
.....uuaagcccugucgggcgggguuaguacuug..	31	0	seq
.....uuaagcccugucgggcgggguuaguacuuA..	10	1	seq
.....uuaagcccugucgggcgggguuaguacuCg..	1	1	seq
.....uuaagcccugucgggcgggguuaguaUuug..	1	1	seq
.....uuaagcccugucgggcgggguuaguacuGg..	3	1	seq
.....uuaagcccugucgggcgggguuaguacuugg...	7	0	seq
.....uuaagcccugucgggcgggguuaguacuugA...	2	1	seq
......uaagcccugucgggcggA..	1	1	seq
......uaagcccugucgggcgggg...	4	0	seq
......uaagcccugucgggcgggA...	3	1	seq
......uaagcccugucgggUgggg...	1	1	seq
......uaagcccugucgggcggggA..	1	1	seq
......uaagcccugucgggcggggu..	1	0	seq
......uaagcccugucgggcggggC..	2	1	seq
......uaagcUcugucgggcggggu..	1	1	seq
......uaagcUcugucgggcgggguu..	2	1	seq
......uaagcccugucgggcgggguu..	4	0	seq
......uaagcccugucgggcgggguuagC...	1	1	seq
......uaagcccugucgggcgggguuaguacG..	3	1	seq
......uaagcccugucgggcgggguuaguacu..	23	0	seq
......uaagcccugucgggcgggguuaguacA..	2	1	seq
......uaagcccugucgggcgggguuaguacC..	3	1	seq
......uaagcccugucgggcgggguuaguacuu...	61	0	seq
......uaagcccugucgggcgggguuaguacCu...	4	1	seq
......uaagcccugucgggcgggguCaguacuu...	1	1	seq
......uaagcccugucgggcgggguuaguacuA...	1	1	seq
......uaagcccugucgggcgggguuaguacuC...	7	1	seq
......uaagcccugucgggcgggguuaguacuG...	3	1	seq
......uaagcccugucgggcggggCuaguacuu...	1	1	seq
......uaagcccugucgggcgggguuaguacuGg..	14	1	seq
......uaagcccugucgggcgggguuaguacuuA..	17	1	seq
......uaagcccugucgggcgggguuaguacuAg..	3	1	seq
......Aaagcccugucgggcgggguuaguacuugggaugggugaccgccugggaauaccccguguuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu	1	1	seq
......uaagcccugucgggcggggCuaguacuug..	1	1	seq

Star   **Mature**

cgaaguuaagcccugucgggcgggguuaguacuugggaugggugaccgccugggaauaccccguguuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu

Sequence	count	mm	
.....uuagcccugucgggcgggguuaguacuuC..	2	1	seq
.....uuagcccugucgggcgggguuaguAuacuug...	1	1	seq
.....uuaAcccugucgggcgggguuaguacuug...	1	1	seq
.....uuagcccugucgggcgggguuaguacCug...	2	1	seq
.....uuagcccugucgggcgggguuaguacuug...	89	0	seq
.....Caagcccugucgggcgggguuaguacuug...	1	1	seq
.....uuagcccugucgggcgggguuaguacuugU..	1	1	seq
.....uuagcccugucgggcgggguuaguacuugg..	24	0	seq
.....uuagcccugucgggcgggguuaguacuugA..	4	1	seq
.....uuaagcUcugucgggcgggguuaguacuugg...	1	1	seq
.....uuagcccugucgggcgggguuaguacuuggU...	1	1	seq
.......aagcccugucgggcgggA..	3	1	seq
.......aagcccugucgggcgggg..	4	0	seq
.......aagcccugucgggcgggAu...	1	1	seq
.......aagcccugucgggcggggu...	2	0	seq
.......aagcccugucgggcgggguu..	1	0	seq
.......aagcccugucgggcgggguuaA..	1	1	seq
.......aagcccugucgggcgggguuagu...	3	0	seq
.......aagcccugucgggcgggguuagua..	1	0	seq
.......aagcccugucgggcgggguuaguac...	5	0	seq
.......aagcccugucgggcgggguuaguacA..	9	1	seq
.......aagcccugucgggcgggguuaguacC..	8	1	seq
.......aagcccugucgggcgggguuaguacG..	6	1	seq
.......aagcccugucgggcgggUuuaguacu..	1	1	seq
.......aagcccugucgggcgggguuaguacu..	34	0	seq
.......aagcccugucgggcgggguuaguacuA...	4	1	seq
.......aagcccugucgggcgggguuaguacuC...	1	1	seq
.......aagcccugucgggcgggguuaguacAu...	1	1	seq
.......aagcccugucgggcgggguuaguacuG...	1	1	seq
.......aagcccugucgggcgggguuaguacuu...	39	0	seq
.......aGgcccugucgggcgggguuaguacuu...	1	1	seq
.......aagcccugucgggcgggguuaguacGu...	1	1	seq
.......aagcccugucgggcgggguGaguacuu...	1	1	seq
.......aagcccugucgggcgggguuaguacCug..	1	1	seq
.......aagcccugucgggcgggguuaguacuuA..	13	1	seq
.......aagcccugucgggcgggguuaguacuCg..	3	1	seq
.......aGgcccugucgggcgggguuaguacuug..	1	1	seq
.......aagcccugucgggcgggguuaguacuGg..	10	1	seq
.......aagcccugucgggcgggguuaguacuAg..	1	1	seq
.......aagcccugucgggcgggguuaguacuug..	104	0	seq
.......aagcccugGcggggcgggguuaguacuug...	1	1	seq
.......Cagcccugucgggcgggguuaguacuug..	1	1	seq
.......aagcccugucgggcgggguuaAuacuug..	1	1	seq
.......aagcccugucgggcgggguuaguacuugU...	1	1	seq
.......aagcccugucgggcgggguuaguacuugA...	15	1	seq
.......aagcccugucgggcgggguuaguacuugg...	41	0	seq
.......aagcccugucgggcgggguuaguacuuAg...	1	1	seq
.......aagcccugucgggcgggguuaguacuuggg..	7	0	seq
.......aagcccugucgggcgggguuaguacuuggU..	5	1	seq
.......aagcccugucgggcgggguuaguacuugggU...	2	1	seq
.......aagcccugucgggcgggguuaguacuuggAa...	5	1	seq
........agcccugucgggcggggg...	3	0	seq
........agcccugucgggcggggu...	3	0	seq
........agcccugucgggcgggguuUgu...	1	1	seq
........agcccugucgggcgggguuagC...	1	1	seq
........agcccugucgggcgggguuagu...	1	0	seq
........agcccugucgggcgggguuagua..	1	0	seq
........agcccugucgggcgggguuaguac...	4	0	seq
........agcccugucgggcgggguuaguacG..	3	1	seq
........aAcccugucgggcgggguuaguacu..	1	1	seq
........Cgcccugucgggcgggguuaguacu..	1	1	seq
........agcccCgucgggcgggguuaguacu..	1	1	seq
........agcccuguUgggcgggguuaguacu..	1	1	seq
........agcUcugucgggcgggguuaguacu..	1	1	seq
........agcccugucgggcgggguuaguacC..	11	1	seq
........agcccugucgggcgggguuaguacu..	97	0	seq
........agcccugCcgggcgggguuaguacu..	1	1	seq
........agcccugucgggcgggguuaguacA..	18	1	seq
........agcccugucgggcgggguuaguacuGggaugggugaccgccugggaauaccccguguuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu	1	1	seq
........agcccugucgggcgggguuaguacuA..	9	1	seq

```
cgaaguuaagcccugucgggcgggguuaguacuugggaugggugaccgccugggaauaccccguguuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu

.......agcccugucgggcgggguCaguacuuu.....................................................................  2    1    seq
.......agcccugucgggcgggguuaguacGu......................................................................  2    1    seq
.......aAcccugucgggcgggguuaguacuu......................................................................  4    1    seq
.......agcccugCcgggcgggguuaguacuu......................................................................  2    1    seq
.......agcUcucugggcgggguuaguacuu.......................................................................  1    1    seq
.......agcccugucgggcgggguuaguacuu......................................................................  99   0    seq
.......Cgcccugucgggcgggguuaguacuu......................................................................  1    1    seq
.......Ggcccugucgggcgggguuaguacuu......................................................................  1    1    seq
.......agcccugucgggcgggguuaguacCu......................................................................  2    1    seq
.......agcccugucgggcgggguuaguacAu......................................................................  1    1    seq
.......agcccugucgggcgggguuaguacuC......................................................................  9    1    seq
......agcUcucgggcgggguuaguacuug........................................................................  1    1    seq
......agcccCgucgggcgggguuaguacuug......................................................................  2    1    seq
......agcccugucgggcgggguuGguacuug......................................................................  1    1    seq
......aAcccugucgggcgggguuaguacuug......................................................................  3    1    seq
......agcccugucgggcgggguuaguacuuA......................................................................  27   1    seq
......agcccugucgggcgggguuagCacuug......................................................................  2    1    seq
......agcccugucgggcgggguuaguacuCg......................................................................  2    1    seq
......agcccugucgggcgggguuaguacuAg......................................................................  2    1    seq
......agcccugucgggcgggguuaguacuug......................................................................  102  0    seq
......agcccugucgggcgggguuaguacuGg......................................................................  2    1    seq
......agcccugCcgggcgggguuaguacuug......................................................................  1    1    seq
......agUccucgggcgggguuaguacuugg.......................................................................  1    1    seq
......agcccugucgggcgggguuaguacuCgg.....................................................................  2    1    seq
......agcccugucgggcgggguuaguacuGgg.....................................................................  1    1    seq
......aAcccugucgggcgggguuaguacuugg.....................................................................  3    1    seq
......agcccCgucgggcgggguuaguacuugg.....................................................................  2    1    seq
......agcccugucgggcggAguuaguacuugg.....................................................................  1    1    seq
......agcccugucgggcgggguuaguacuugA.....................................................................  9    1    seq
......agcccugucgggcgggguuaguacuugU.....................................................................  2    1    seq
......agcccugucgggcgggguuaguacuugg.....................................................................  46   0    seq
......agcccugucAggcgggguuaguacuugg.....................................................................  1    1    seq
......Cgcccugucgggcgggguuaguacuugg.....................................................................  1    1    seq
......agcccugucgggcgggguuaguacuuggU....................................................................  7    1    seq
......agcccugucgggcgggguuaguacuuggg....................................................................  7    0    seq
......agcccugucgggcgggguuaguacuuggAa...................................................................  5    1    seq
.......gcccugucgggcgggguA..............................................................................  4    1    seq
.......gcccugucgggcgggguC..............................................................................  2    1    seq
.......gcccugucgggcgggguu..............................................................................  14   0    seq
.......gcccugucgggcggggCu..............................................................................  1    1    seq
.......gcccugucgggcgggCuu..............................................................................  2    1    seq
.......gccUugucgggcgggguu..............................................................................  1    1    seq
.......gcccugucgggcgggguuag............................................................................  9    0    seq
........gcccugucgggcgggguuagu..........................................................................  4    0    seq
.......gcccugucgggcgggguuagC...........................................................................  1    1    seq
........gcccugucgggcgggguuagua.........................................................................  4    0    seq
.......gcccugucgggcgggguuaguac.........................................................................  10   0    seq
.......gcccugucgggcgggguuGguac.........................................................................  1    1    seq
.......gcccugucgggcgggguuaguaU.........................................................................  1    1    seq
........gcccugucgggcgggguuaguacG.......................................................................  7    1    seq
........Acccugucgggcgggguuaguacu.......................................................................  1    1    seq
........gcccugucgggcgUgguuaguacu.......................................................................  1    1    seq
.......gcccugucgggcgggguuaguacA........................................................................  15   1    seq
.......gcccugucgggcgggguuaguacC........................................................................  12   1    seq
.......gcccugucgggcgggguuaguacu........................................................................  40   0    seq
.......gcccugucgggcgggguuaguacuu.......................................................................  46   0    seq
.......gUccugucgggcgggguuaguacuu.......................................................................  1    1    seq
.......gcccugucgggcgggguuaguacuG.......................................................................  1    1    seq
.......gcccugucgggcgggguuaguacuC.......................................................................  6    1    seq
.......gcccugucgggcggggCuaguacuu.......................................................................  1    1    seq
.......gcccugucgggcgggguuaguacuA.......................................................................  1    1    seq
.......gcccugucgggcgggguuaguacGu.......................................................................  2    1    seq
.......gcccugucgggcgggguuaguacuCg......................................................................  1    1    seq
.......gcccugucgggcgggguuaguacuug......................................................................  50   0    seq
.......gcccugucgggcgggguuaguacuAg......................................................................  1    1    seq
.......gcccugucgggcgggguuaguacCug......................................................................  1    1    seq
.......gcccugucgggcgggguuaguacuuA......................................................................  16   1    seq
.......gcccugucgggcgggguuaguacuGg......................................................................  1    1    seq
.gcccugucgggcgggguuaguacuugU...........................................................................  2    1    seq
........gcccugucgggcgggguuaguacuugC....................................................................  3    1    seq
```

cgaaguuaagcccugucgggcgggguuaguacuugggaugggugaccgccugggaauaccccguguuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu

Sequence	Count	Flag	
........gcccugucgggcgggguuaguacuugg..	56	0	seq
........gcccugucgggcgggguuaguacuuAg..	2	1	seq
........gcccugCcgggcgggguuaguacuugg..	1	1	seq
........gcccugucgggcgggguuaguacuugA..	23	1	seq
........gcccugucgggcgggguuaguacuuggU...	4	1	seq
........gcccugucgggcgggguuaguacuuggC...	2	1	seq
........gcccugucgggcgggguuaguacuuggg...	6	0	seq
........gcccugucgggcgggguuaguacuugggU..	3	1	seq
........gcccugucgggcgggguuaguacuuggAa..	1	1	seq
.........cccugucgggcgggguua...	6	0	seq
.........cccugucgggcgggguuag..	7	0	seq
.........cccugucgggcgggguuUgu...	2	1	seq
.........cccugucgggcgggguuagG...	2	1	seq
.........cccugucgggcgggguuagu...	7	0	seq
.........cccugucgggcgggguuagua..	2	0	seq
.........cccugucggAcgggguuagua..	2	1	seq
.........cccugucgggcgggguuaguac...	1	0	seq
.........cccugucgggcgggguuaguacA..	3	1	seq
.........cccugucgggcgggguuaguacu..	14	0	seq
.........cccugucgggcgggguuaguacG..	1	1	seq
.........cccugucgggcgggguuaguacC..	1	1	seq
.........cccugucgggcgggguuaguacuG...	2	1	seq
.........cccugucgggcgggguuaguacuA...	3	1	seq
.........cccugucgggcgggguuaguacuu...	37	0	seq
.........cccugCcgggcgggguuaguacuu...	1	1	seq
.........cccugucgAgcgggguuaguacuu...	1	1	seq
.........cccugucgggcgggguuaguacCu...	1	1	seq
.........cccugucgggcgggUuuaguacuu...	1	1	seq
.........cccugucgggcgggguuaguacAu...	2	1	seq
.........cccugucgggcgggguuaguacuC...	5	1	seq
.........cccugucgggcgggguuaguacuug..	2	0	seq
.........cccugucgggcgggguuaguGcuugg...	2	1	seq
.........cccugucgggcgggguuaguacuugU...	2	1	seq
.........cccugucgggcgggguuaguacuugA...	4	1	seq
.........cccugucgggcgggguuaguacuugg...	9	0	seq
..........Acugucgggcgggguuag..	1	1	seq
..........ccugucgggcgggguuag..	3	0	seq
..........ccugucgggcgggguuagG...	4	1	seq
..........ccugucgggcgggguuagC...	2	1	seq
..........ccugucgggcgggguuagu...	4	0	seq
..........ccugucgggcgggguuagua..	8	0	seq
..........ccugucgggcgggguuaguac...	1	0	seq
..........ccugucgggcgggguuaguacG..	4	1	seq
..........ccugucgggcgggguuaguacC..	3	1	seq
..........ccugucgggcgggguuaguacu..	9	0	seq
..........ccugucgggcgggguuaguacA..	5	1	seq
..........ccugucgggcgggguuaguacuu...	28	0	seq
..........ccugucgggcgggguuaguaGuu...	1	1	seq
..........ccugucgggcgggguuagCacuu...	1	1	seq
..........ccugucgggcggguCaguacuu...	1	1	seq
..........ccCgucgggcgggguuaguacuu...	1	1	seq
..........ccugucgggcgggguuaguacuA...	2	1	seq
..........ccugucgggcgggguuaguacuC...	2	1	seq
..........ccugucgggcgggguuaguacGu...	1	1	seq
..........ccugucgggcgggguuaguacuuA..	1	1	seq
..........ccugucgggcgggguuaguacuug..	4	0	seq
..........Ucugucgggcgggguuaguacuugg...	1	1	seq
..........ccugucgggcgggguuaguacuugg...	12	0	seq
..........ccugucgggcgggguuaguacuugA...	2	1	seq
..........ccugucgggcgggguuaguacuuggAa...	1	1	seq
..........ccugucgggcgggguuaguacuugggU...	3	1	seq
...........cugucgggcgggguuagu...	4	0	seq
...........cugucgggcgggguuagC...	2	1	seq
...........cugucgggcgggguuagG...	2	1	seq
...........cugucgggcgggguuagua..	6	0	seq
...........cugucgggcgggguuaguac...	7	0	seq
...........cugucgggcgggguuaguacu..	23	0	seq
...........cugucgggcgggguuaguacA..	7	1	seq
...........cugucgggcgggguuaguacG..	1	1	seq
...........cugucgggcgggguuaguacC..	9	1	seq

cgaaguuaagcccugucgggcgggguuaguacuugggaugggugaccgccugggaauaccccguguuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu

...........cgucgggcgggguuaUuacuu..	1	1	seq
...........cgucgggcgggguuaguacuu..	79	0	seq
...........cgucgggcgggguuaguacuC..	14	1	seq
...........cgucgggcgggguuaguacGu..	2	1	seq
...........cgucgggcgggguuaguacuG..	1	1	seq
...........cgucgggcgggguuaguacuA..	5	1	seq
...........cgucgggcgggguuaguacuug...	21	0	seq
...........cgucgggcgggguuaguacuCg...	2	1	seq
...........cgucgggcgggguuaguacuGg...	2	1	seq
...........cgucgggcgggguuaguacuuA...	7	1	seq
...........cgucgggcggAguuaguacuugg..	1	1	seq
...........cgucgggcgggguuaguacuugg..	9	0	seq
...........cgucgggcgggguuaguacuugU..	2	1	seq
...........cgucgggcgggguuaguacuugA..	4	1	seq
...........cgucgggcgggguuaguacuuggU...	2	1	seq
...........cgucgggcgggguuaguacuuggg...	3	0	seq
...........cgucgggcgggguuaguacuugggU..	2	1	seq
............ugucgggcgggguuaguac...	3	0	seq
............ugucgggcgggguuaguacu..	4	0	seq
............ugucgggcgggguuaguacA..	4	1	seq
............ugucgggcgggguuaguacG..	1	1	seq
............ugucgggcgggguuaguacC..	1	1	seq
............ugucgggcgUgguuaguacu..	2	1	seq
............ugucgggcgggguuaguGcuu...	3	1	seq
............ugucgggcgggguuaguacGu...	1	1	seq
............ugucgggcgggguuagCacuu...	1	1	seq
............ugucgggcgggguuaguacuC...	5	1	seq
............ugucgggcgggguuGguacuu...	2	1	seq
............ugucgggcgggguuaguacuu...	25	0	seq
............ugucgggcgggguuaguacuA...	1	1	seq
............uUucgggcgggguuaguacuug..	2	1	seq
............ugucgggcgggguuaguacuuA..	4	1	seq
............ugucgggcgggguuaguacuCg..	1	1	seq
............ugucgggcgggguuaguacuug..	13	0	seq
............ugucgggcgggguuaguacuGg..	2	1	seq
............ugucgggcgggguuaguacuugU...	1	1	seq
............ugucgggcgggguuaguacuugg...	5	0	seq
............ugucgggcgggguuaguacuugA...	2	1	seq
............ugucgggcgggguuaguacuuggg..	1	0	seq
............ugucgggcgggguuaguacuuggAa...	1	1	seq
.............Cucgggcgggguuaguac...	1	1	seq
.............gucgggcgggguuaguacA..	1	1	seq
.............gucgggcgggguuaguacuA...	1	1	seq
.............gucgggcgggguuaguacuu...	7	0	seq
.............gucgggcgggguuaguacuC...	1	1	seq
.............Cucgggcgggguuaguacuug..	1	1	seq
.............gucgggcgggguuaguacuug..	2	0	seq
.............gucgggcgggguuaguacuugg...	1	0	seq
.............gucgggcgggguuaguacuuggAa...	1	1	seq
..............ucgggcgggguuaguacC..	4	1	seq
..............ucgggcgUgguuaguacu..	1	1	seq
..............ucgggcgggguuaguacu..	11	0	seq
..............ucgggcgggguuaguacA..	3	1	seq
..............Ccgggcgggguuaguacu..	2	1	seq
..............ucgggcgggguuaguGcuu...	5	1	seq
..............ucgggcgggguuaguacGu...	2	1	seq
..............ucgggcgggguuaguacuA...	2	1	seq
..............ucgggcgggguuaguacuG...	1	1	seq
..............ucgggcgggguuaguacuu...	3	0	seq
..............ucgggcgggguuaguacuC...	1	1	seq
..............ucgggcgggguuGguacuug..	1	1	seq
..............ucgggcgggguuaguacuug..	15	0	seq
..............ucgggcgggguuaguacuuU..	2	1	seq
..............ucgggcgggguuaguGcuug..	1	1	seq
..............ucgggcgggguuaguacuCg..	1	1	seq
..............ucgggcgggguuaguacuuA..	6	1	seq
..............ucgggcgggguuaguacuugA...	7	1	seq
..............ucgggcgggguuaguacuugg...	19	0	seq
..............ucgggcgggguuaguacuuggAa...	1	1	seq
...............cgggcgggguuaguacu..	1	0	seq

```
cgaaguuaagcccugucgggcgggguuaguacuugggaugggugaccgccugggaauaccccguguuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu
```

Sequence			
...............cgggcgggguuaguacuC..	4	1	seq
...............cgggcgggguuaguacuu..	12	0	seq
...............cgggcgggguuaguacuG..	4	1	seq
...............cgggUgggguuaguacuu..	1	1	seq
...............cgggcgggguuaguacuCg...	1	1	seq
...............cgggcgggguuaguacuug...	12	0	seq
...............cgUgcgggguuaguacuug...	1	1	seq
...............cgggcgggguuaguacuuA...	4	1	seq
...............cgggAgggguuaguacuugg..	1	1	seq
...............cgggcgggguuaguacuugA..	4	1	seq
...............cgggcgggguuaguacuugU..	1	1	seq
...............cgggcgggguuaguacuugg..	14	0	seq
...............cgggcgggguuGguacuugg..	1	1	seq
...............cgggcgggguuaguacuuggU...	1	1	seq
...............cgggcgggguuaguacuuggg...	1	0	seq
...............cgggcgggguuaguacuuggAa..	1	1	seq
................Aggcgggguuaguacuug...	2	1	seq
................gggcgggguuaguacuug...	7	0	seq
................gggcgggguuGguacuug...	1	1	seq
................gggcgggguuaguacuuA...	2	1	seq
................gggcgggguuaguacuugA..	1	1	seq
................gggcgggguuaguacuugg..	2	0	seq
.................ggcgggguuaguacuugC..	3	1	seq
.................ggcgggguuaguacuugA..	3	1	seq
.................ggcgggguuaguacuugU..	2	1	seq
.................ggcgggguuaguacuugg..	14	0	seq
.................ggcgggguuaguacuuggU...	1	1	seq
.................ggcgggguuaguacuuggg...	8	0	seq
.................ggcgggguuaguacuuggga..	1	0	seq
..................gcgggguuaguacuugA..	2	1	seq
..................gcgggguuaguacuugg..	4	0	seq
..................gcgggguuaguacuuggU...	4	1	seq
..................gcgggguuaguacuuggg...	3	0	seq
..................gcgggguuaguacuuggAa..	1	1	seq
..................gcgggguuaguacuugggU..	3	1	seq
...................cgggguuaguacuuggAa..	2	1	seq
...................cgggguuaguacuugggU..	1	1	seq
...................cAggguuaguacuuggga..	1	1	seq
................................ggaugggugaccgccugg..	3	0	seq
................................ggaugggugaccgccuggg...	4	0	seq
................................ggaugggugaccgccuggga..	5	0	seq
................................ggaugggugaccgccugggC..	1	1	seq
................................ggaugggugaccgccugggaa...	2	0	seq
................................ggaugggugaccgccugggaaC..	4	1	seq
................................ggaugggugaccgccugggaaG..	1	1	seq
................................ggaugggugaccgccugggaau..	19	0	seq
................................ggaGgggugaccgccugggaau..	1	1	seq
................................ggaugggugaccgccugggaGu..	3	1	seq
................................ggaugUgugaccgccugggaau..	1	1	seq
................................ggGuggugaccgccugggaau...	1	1	seq
................................ggaugggugaccgccugggaaA..	2	1	seq
................................ggaugggugaccgccugggaGua...	1	1	seq
................................ggaugggugaccgccugggaaCa...	2	1	seq
................................ggaugggUaccgccugggaaua...	1	1	seq
................................ggaugggaUcgccugggaaua..	1	1	seq
................................ggaugggugaccgccugggaauU...	1	1	seq
................................Ugaugggugaccgccugggaaua...	1	1	seq
................................ggauAggugaccgccugggaaua...	1	1	seq
................................Agaugggugaccgccugggaaua...	4	1	seq
................................ggaugggugaccgccugggaaua...	123	0	seq
................................ggaugggugaccgccugggaauac..	6	0	seq
................................ggGuggugaccgccugggaauacc..	1	1	seq
................................ggaugggugaccgccugggaauacc...	8	0	seq
................................ggaugggugaccgccugggaauacA...	1	1	seq
................................ggauUgugaccgccugggaauaccccc...	1	1	seq
................................ggaugggugaccgccugggaauaccccA..	2	1	seq
................................ggaugggugaccgccugggaauaccccgug..	1	0	seq
................................ggaugggugaccgccugggaauaccccgugu...	1	0	seq
cgaaguuaagcccugucgggcgggguuaguacuug.gaugggugaccgccuggg...ggaauaccccguguuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu	2	0	seq
................................gaugggugaccgccuggU...	1	1	seq
```

cgaaguuaagcccugucgggcgggguuaguacuuggaugggugaccgccugggaauaccccguguuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu

| Sequence | Count | Flag | |
|---|---|---|---|
| ................................................Aaugggugaccgccuggg................................................ | 1 | 1 | seq |
| ................................................gaugggugaccgccugggga................................................ | 6 | 0 | seq |
| ................................................gaugggugaccUccuggga................................................ | 1 | 1 | seq |
| ................................................gaugggugaccgccugggU................................................ | 1 | 1 | seq |
| ................................................gaugggugaccgccuggAaau................................................ | 2 | 1 | seq |
| ................................................gauAggugaccgccugggaau................................................ | 1 | 1 | seq |
| ................................................gaugggugaccgccugggaaG................................................ | 1 | 1 | seq |
| ................................................gaugggugaccgccugggaGu................................................ | 1 | 1 | seq |
| ................................................gaugggugaccgccugggaau................................................ | 94 | 0 | seq |
| ................................................gaugggugaUcgccugggaau................................................ | 2 | 1 | seq |
| ................................................gaugggugaccgccugggaaA................................................ | 2 | 1 | seq |
| ................................................gaugggugaccgccugggaaC................................................ | 16 | 1 | seq |
| ................................................gaCgggugaccgccugggaau................................................ | 1 | 1 | seq |
| ................................................gaugUgugaccgccugggaaua................................................ | 1 | 1 | seq |
| ................................................gaugggugaccAccugggaaua................................................ | 2 | 1 | seq |
| ................................................Uaugggugaccgccugggaaua................................................ | 1 | 1 | seq |
| ................................................gaugggugaccgccugggaaua................................................ | 345 | 0 | seq |
| ................................................gaugggugaccgccugggaaCa................................................ | 3 | 1 | seq |
| ................................................gaugggugaccgUcugggaaua................................................ | 1 | 1 | seq |
| ................................................gaugggugaUcgccugggaaua................................................ | 1 | 1 | seq |
| ................................................gaugggugaccgccugggaauU................................................ | 1 | 1 | seq |
| ................................................gGugggugaccgccugggaaua................................................ | 1 | 1 | seq |
| ................................................Aaugggugaccgccugggaaua................................................ | 5 | 1 | seq |
| ................................................gaugggugaccgccugggaGua................................................ | 1 | 1 | seq |
| ................................................gaugggugaccgcAugggaaua................................................ | 1 | 1 | seq |
| ................................................gaugAgugaccgccugggaaua................................................ | 1 | 1 | seq |
| ................................................gaugggugaccgccugggaauG................................................ | 1 | 1 | seq |
| ................................................gaugggugaccgccCgggaaua................................................ | 1 | 1 | seq |
| ................................................gaugggugaccgccugggGaua................................................ | 1 | 1 | seq |
| ................................................gGugggugaccgccugggaauac................................................ | 1 | 1 | seq |
| ................................................gaugggugaccgccCgggaauac................................................ | 1 | 1 | seq |
| ................................................gaugggugaccgccugggaauac................................................ | 77 | 0 | seq |
| ................................................Caugggugaccgccugggaauac................................................ | 1 | 1 | seq |
| ................................................gaugggugaccgccugggaauGc................................................ | 1 | 1 | seq |
| ................................................gaugggugaccAccugggaauac................................................ | 1 | 1 | seq |
| ................................................gaCgggugaccgccugggaauac................................................ | 1 | 1 | seq |
| ................................................Aaugggugaccgccugggaauac................................................ | 3 | 1 | seq |
| ................................................gaugggugaccgccCgggaauacc................................................ | 1 | 1 | seq |
| ................................................gaugggugaccgccugggaauacU................................................ | 9 | 1 | seq |
| ................................................gaugggugaUcgccugggaauacc................................................ | 1 | 1 | seq |
| ................................................gaugggugaccgccugggaauacA................................................ | 26 | 1 | seq |
| ................................................gaugggugaccgccugggaCuacc................................................ | 1 | 1 | seq |
| ................................................gaugggugaccgccugggaauacc................................................ | 60 | 0 | seq |
| ................................................gaugggugaccgccugggaauaccc................................................ | 3 | 0 | seq |
| ................................................gaugggugaccgccugggaauaccA................................................ | 3 | 1 | seq |
| ................................................gaugggugaccgccugggaauaccccguA................................................ | 1 | 1 | seq |
| ................................................gaugggugaccgccugggaauaccccgugu................................................ | 1 | 0 | seq |
| ..................................................augggugaccgccuggga................................................ | 4 | 0 | seq |
| ..................................................augggugaccgccugggaU................................................ | 1 | 1 | seq |
| ..................................................augggugaccgccugggaaC................................................ | 2 | 1 | seq |
| ..................................................augggugaccgccugggaau................................................ | 12 | 0 | seq |
| ..................................................augggugaccgccugggaaua................................................ | 34 | 0 | seq |
| ..................................................augggugaccgccugggaauG................................................ | 1 | 1 | seq |
| ..................................................augggugaccgccugggaaCa................................................ | 1 | 1 | seq |
| ..................................................Gugggugaccgccugggaaua................................................ | 1 | 1 | seq |
| ..................................................augggugaccgccugggaauac................................................ | 5 | 0 | seq |
| ..................................................augggugaccgccugggaaCacc................................................ | 1 | 1 | seq |
| ..................................................augggugaccgccugggaauacc................................................ | 24 | 0 | seq |
| ..................................................augggugaccgccugggaauacA................................................ | 4 | 1 | seq |
| ..................................................augggugaccgccugggaauacU................................................ | 2 | 1 | seq |
| ..................................................auUggugaccgccugggaauacccc................................................ | 1 | 1 | seq |
| ..................................................augggugaccgccugggaauaccccguguug................................................ | 1 | 0 | seq |
| ....................................................ugggugaccUccuggga................................................ | 1 | 1 | seq |
| ....................................................ugggugaccgccuggga................................................ | 2 | 0 | seq |
| ....................................................ugggugaccgccugggaaG................................................ | 2 | 1 | seq |
| ....................................................ugggugaccgccugggaau................................................ | 29 | 0 | seq |
| ....................................................Cgggugaccgccugggaau................................................ | 1 | 1 | seq |
| ....................................................ugggugaccgccugggaaA................................................ | 3 | 1 | seq |
| ....................................................ugggugaccgccugggaGu................................................ | 2 | 1 | seq |
| ....................................................ugggugaccgccugggaaC................................................ | 5 | 1 | seq |

```
cgaaguuaagcccugucgggcgggguuaguacuuggaugggugaccgccugggaauaccccguguuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu

..............................................ugggugaccgccugggaauU.........................................   5    1   seq
..............................................ugggugaccgccugggaauG.........................................   2    1   seq
..............................................Cgggugaccgccugggaaua.........................................   1    1   seq
..............................................ugggugaccgccugggaaCa.........................................   2    1   seq
..............................................ugUgugaccgccugggaaua.........................................   1    1   seq
..............................................ugggugaccgccugggaaua.........................................  87    0   seq
..............................................ugggugaccgccugggGauac........................................   2    1   seq
..............................................ugggugaccgccugggaauaA........................................   1    1   seq
..............................................Cgggugaccgccugggaauac........................................   1    1   seq
..............................................ugggugaccgccugggaauac........................................   7    0   seq
..............................................ugggugaccgccugggaauacG.......................................   2    1   seq
..............................................ugCgugaccgccugggaauacc.......................................   1    1   seq
..............................................Cgggugaccgccugggaauacc.......................................   1    1   seq
..............................................ugggugaccgccugggaauacc.......................................   3    0   seq
..............................................ugggugaccgccugggaauacU.......................................   1    1   seq
..............................................ugggugaccgccugggaauaccccgug..................................   3    0   seq
..............................................ugggugaccgccugggaauaccccgGg..................................   1    1   seq
..............................................ugggugaccgccugggaauaccccgCg..................................   2    1   seq
..............................................ugggugaccgccugggaauaccccgugC.................................   1    1   seq
..............................................uUggugaccgccugggaauaccccguguugu.............................   1    1   seq
..............................................ugggugaccgccugggaauaccccguguugA.............................   1    1   seq
..............................................ugggugaccgccugggaauaccccguguugC.............................   4    1   seq
..............................................ugggugaccgccugggaauaccccguguugG.............................   1    1   seq
..............................................ugggugaccgccuggAaauaccccguguugu.............................   1    1   seq
..............................................ugggugaccgccugggaauaccccguguugu.............................  14    0   seq
...............................................gggugGccgccugggaau..........................................   1    1   seq
...............................................gggugaccgccugggaau..........................................  11    0   seq
...............................................gggugaccgccugggaGu..........................................   1    1   seq
...............................................gggugaccgccugggaaua.........................................  72    0   seq
...............................................gggugaccgccugggaauac........................................   5    0   seq
...............................................ggUugaccgccugggaauaccccgugu.................................   1    1   seq
...............................................gggugaccgccugggaauaccccgugC.................................   1    1   seq
...............................................gggugaccgccugggaauaccccguug.................................   3    0   seq
...............................................gggugaccgccugggaauaccccgugu.................................   4    0   seq
...............................................gggugaccgccugggaauaccccguguugC..............................   1    1   seq
...............................................gggugaccgccugggaGuaccccguguugua.............................   1    1   seq
...............................................gggugaccgccugggaauaccccguguugua.............................  18    0   seq
...............................................ggguCaccgccugggaauaccccguguugua.............................   1    1   seq
...............................................Aggugaccgccugggaauaccccguguugua.............................   1    1   seq
...............................................gggugaccgccugggaauaccccguguugAa.............................   1    1   seq
................................................ggugaccgccugggaaCa.........................................   3    1   seq
................................................ggugaccgccugggaUua.........................................   1    1   seq
................................................ggugaccCccugggaaua.........................................   1    1   seq
................................................Cgugaccgccugggaaua.........................................   1    1   seq
................................................ggugaccgccugggaaua.........................................  180   0   seq
................................................ggAgaccgccugggaaua.........................................   1    1   seq
................................................ggugaccgccAgggaaua.........................................   1    1   seq
................................................ggugaccgccugggaauU.........................................   2    1   seq
................................................ggugaccgccugggaauG.........................................   2    1   seq
.................................................Agugaccgccugggaaua.........................................  6    1   seq
................................................ggugGccgccugggaaua.........................................   1    1   seq
................................................ggugaccgccugggaaGa.........................................   1    1   seq
................................................ggugaccgccugggaauaU........................................   1    1   seq
................................................ggugaccgccugggaauac........................................  11    0   seq
................................................Ugugaccgccugggaauacc.......................................   2    1   seq
................................................ggugaccgccugggaauacc.......................................   1    0   seq
................................................ggugaccgccugggaauaccc......................................   1    0   seq
................................................ggugaccgccugggaauacccc.....................................   2    0   seq
................................................ggugaccgccugggaauacccU.....................................   2    1   seq
................................................ggugaccgccugggaauacccgu....................................   3    0   seq
................................................ggugaccgccugggaauacccAu....................................   1    1   seq
................................................Agugaccgccugggaauaccccgug..................................   2    1   seq
................................................ggugaccgccugggaauaccccgug..................................   9    0   seq
................................................Ugugaccgccugggaauaccccgug..................................   1    1   seq
................................................ggugaccgccugggaauaccccguA..................................   5    1   seq
................................................ggugaccgccugggaauaccccgGg..................................   1    1   seq
................................................ggugaccgccugggaauaccccgugu.................................   6    0   seq
................................................ggugaccgccugggaauaccccgugA.................................   1    1   seq
cgaaguuaagcccugucgggcgggguuaguacuugggugaccgccugggaauaccccgugG.................................   1    1   seq
................................................Agugaccgccugggaauaccccgugu.................................   1    1   seq
```

cgaaguuaagcccugucgggcgggguuaguacuugggaugggugaccgccugggaauaccccguguuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu

Sequence	Count	Flag	
ggugaccgccugggaauaccccgugC	3	1	seq
ggugaccAccugggaauaccccgugu	1	1	seq
ggugaccgccugggaauaccccguguC	3	1	seq
ggugaccgccugggaauaccccguguG	2	1	seq
ggugaccgccGgggaauaccccguguu	2	1	seq
ggugaccgccugggaauaccccguguu	8	0	seq
ggugaccgccugggaauaccccguguA	2	1	seq
ggugaccgccugggaauaccccguguug	2	0	seq
ggugaccgccugggaauaccccAuguugu	2	1	seq
ggugaccgccugggaauaccccguguugG	2	1	seq
ggugaccgccugggaauaccccguguugA	3	1	seq
ggugaccgccugggaauaccccguguugC	6	1	seq
ggugaccgccugggaauaccccguguugu	23	0	seq
Agugaccgccugggaauaccccguguugua	4	1	seq
ggugaccgccugggaauaccccguguuguU	1	1	seq
ggugaccgcUuggaauaccccguguugua	2	1	seq
ggugaccgccugggaauaccccguguuguG	1	1	seq
ggugaccgccugggaauaccccguguugua	50	0	seq
ggugaccgccugggaauaccccguguuguCg	1	1	seq
ggugaccgccugggaauaccccguguuguag	6	0	seq
ggugaccgccugggaauaccccguguuguaA	2	1	seq
gugaccgccugggaaua	1	0	seq
gugaccgccugggaauaU	1	1	seq
gugaccgccugggaauacc	7	0	seq
gugaccgccugggaauacA	1	1	seq
gugaccgccugggaauacU	1	1	seq
gugGccgccugggaauacc	1	1	seq
gugaccgccugggaauaccA	8	1	seq
gugaccgccugggaauaccc	31	0	seq
gugaccgccugggaauaccG	1	1	seq
gugaccgccugggaauaccU	11	1	seq
gugaccgccugggaauaccUc	1	1	seq
gugaccgccugggaauacccA	2	1	seq
gugaccgccugggaauacccU	3	1	seq
gugaccgccugggaauacccG	1	1	seq
gugaccgccugggaauacccc	6	0	seq
gugaccgccugggaauaccccA	6	1	seq
gugaccgccugggaauaccccg	6	0	seq
Augaccgccugggaauaccccgu	1	1	seq
gugaccgccugggaauaccccgu	3	0	seq
gugaccgccugggaauaccccgC	4	1	seq
gugaccgccugggaauaccccgug	6	0	seq
gugaccgccugggaauaccccguA	2	1	seq
gugaccgccugggaauaccccgugC	1	1	seq
gugaccgccugggaauaccccgugu	6	0	seq
gCgaccgccugggaauaccccgugu	1	1	seq
gugaccgccugggaauaccccguguu	1	0	seq
gugaccgccugggaauaccccguguC	3	1	seq
gugaccgccugggaauaccccguguug	1	0	seq
gugaccgccugggaauaccccguguuA	1	1	seq
gugaccgccugggaauaccccguguugC	1	1	seq
gugaccgccugggaauaccccguguugu	1	0	seq
gugaccgccugggaauaccccguguugua	1	0	seq
gugaccgccugggaauaccccguguuguagA	1	1	seq
ugaccgccugggaauac	1	0	seq
ugaccgccugggaauacU	2	1	seq
ugaccgccugggaauacA	5	1	seq
ugaccgccugggaauacc	36	0	seq
ugaccgccuAggaauacc	2	1	seq
ugaccgccugggaauacG	2	1	seq
ugaccgccugggaauCcc	1	1	seq
ugaccgccugggaauaccA	11	1	seq
ugaccgccugggaauaccU	11	1	seq
ugaccgccCgggaauaccc	1	1	seq
Cgaccgccugggaauaccc	2	1	seq
ugaccgccugggaauaccc	27	0	seq
ugaccgccugggaauacccU	10	1	seq
ugaccgccugggaauacccc	26	0	seq
ugaccgccugggaGuacccc	1	1	seq
ugaccgccugggaauacccA	7	1	seq

```
cgaaguuaagcccugucgggcgggguuaguacuugggaugggugaccgccugggaauaccccguguuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu
.....................................ugaccgccugggaauaccccg.......................................          6      0      seq
.....................................ugaccgccugggaauaccccU.......................................          1      1      seq
.....................................ugaccgccugggaauaccccA.......................................         11      1      seq
.....................................ugaccgccugggaauaccccC.......................................          1      1      seq
.....................................ugaccgccugggaauacccUg.......................................          1      1      seq
.....................................ugaccgccugggaauaccccgu......................................          3      0      seq
.....................................ugaccgccugggaauaccccUu......................................          1      1      seq
.....................................ugaccgccugggaauaccccgug.....................................          2      0      seq
.....................................ugaccgccugggaauaccccgugu....................................          2      0      seq
.....................................ugaccgccugggaauaccccgugC....................................          1      1      seq
.....................................ugaccgccugggaauaccccguguugu.................................          1      0      seq
.....................................ugaccgccugggGauaccccguguuguag...............................          1      1      seq
.....................................ugaccgccugggaauaccccguguuguaA...............................          1      1      seq
.....................................ugaccgccugggaauaccccguguuguag................................          4      0      seq
.....................................ugaccgccugggaauaccccguguuguagg..............................          6      0      seq
.....................................ugaccgccugggaauaccccguguuguagA..............................          3      1      seq
.....................................ugaccgccugggaauaccccguguuguaggA.............................          2      1      seq
.....................................ugaccgccugggaauaccccguguuguaggU.............................          1      1      seq
......................................gaccgccugggaauacc...........................................          2      0      seq
......................................gaccgccugggaauacAc..........................................          1      1      seq
......................................gaccgccugggaauaccA..........................................         18      1      seq
......................................gCccgccugggaauaccc..........................................          1      1      seq
......................................gaccgccugggaauaccG..........................................          2      1      seq
......................................gaccgccugggaauaccc..........................................         50      0      seq
......................................gaccgccugggaauacUc..........................................          1      1      seq
......................................gaccgccugggaauaccU..........................................          8      1      seq
......................................gaccgccugggaauacccc.........................................         11      0      seq
......................................gaccgccugggaauacccU.........................................          3      1      seq
......................................gaccgccugggaauaccAc.........................................          1      1      seq
......................................gaccgccugggaauacccA.........................................          4      1      seq
......................................gaccgccugggaauaccccg........................................          3      0      seq
......................................gaccgccugggaauaccccA........................................          5      1      seq
......................................gaccgccugggaauaccccgG.......................................          2      1      seq
......................................gaccgccugggaauaccccgu.......................................          5      0      seq
......................................gaccgccugggaauaccccgC.......................................          1      1      seq
......................................gaccgccugggaauaccccUug......................................          1      1      seq
......................................gaccgccugggaauaccccgug......................................          3      0      seq
......................................gaccgccugggaauaccccgugu.....................................          1      0      seq
......................................gaccgccugggaauaccccguguuguagg...............................          1      0      seq
......................................gaccgccugggaauaccccguguuguaggc..............................          1      0      seq
......................................gaccgUcugggaauaccccguguuguaggcu.............................          1      1      seq
......................................gaccgccugggGauaccccguguuguaggcu.............................          1      1      seq
......................................gaccgccugggaauaccccguguuguaggcu.............................        161      0      seq
......................................gaccgccugggaauaccccguguuguaggcG.............................         19      1      seq
......................................gaccgccugggaauaccccguguuguaggcA.............................         78      1      seq
......................................gaccgccugggaGuaccccguguuguaggcu.............................          1      1      seq
.......................................Caccgccugggaauaccccguguuguaggcu............................          2      1      seq
.......................................Uaccgccugggaauaccccguguuguaggcu............................          5      1      seq
......................................gaccgccugggaauaccccguguuguaggcC.............................         42      1      seq
......................................gaccgccugggaauaccccgCguuguaggcu.............................          1      1      seq
.......................................Aaccgccugggaauaccccguguuguaggcu............................          3      1      seq
.......................................accgccugUgaauaccccc........................................          2      1      seq
.......................................accgccugggaauaccccc........................................          7      0      seq
.......................................accgccugggaauacccU........................................          1      1      seq
.......................................accgccugggaauacUcc........................................          1      1      seq
.......................................accgccugggaauacccA........................................          2      1      seq
.......................................accgccugggaauaccccU.......................................          1      1      seq
.......................................accgccugggaauaccccA.......................................          6      1      seq
.......................................aAcgccugggaauaccccg.......................................          1      1      seq
.......................................accgccugggaauaccccg.......................................          3      0      seq
.......................................accgccugggaauaccUcgu......................................          1      1      seq
.......................................accgccugggaauaccccgC......................................          3      1      seq
.......................................accgccugggaauaccccguguugu..................................          2      0      seq
.......................................accgccugggaauaccccguguuguagg................................          1      0      seq
.......................................accgccugggaauaccccguguuguagAc.............................          1      1      seq
.......................................Gccgccugggaauaccccguguuguaggcu.............................          1      1      seq
.......................................accgccugggaauaccccguguuguaggAu.............................          3      1      seq
.......................................accgccugggUauaccccguguuguaggcu.............................          1      1      seq
.......................................Uccgccugggaauaccccguguuguaggcu.............................          1      1      seq
.......................................Cccgccugggaauaccccguguuguaggcu.............................          7      1      seq
```

Star   **Mature**

```
cgaaguuaagcccugucgggcgggguuaguacuugggaugggugaccgccugggaauaccccguguuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu
```

Sequence	Count	Flag	Type
aAcgccugggaauaccccguguuguaggcu	1	1	seq
accgccugggaauaccccguguuguaggcA	81	1	seq
accgccugggaauacccgguguuguaggUu	1	1	seq
accgccugggaauacccgguguuguaggcG	30	1	seq
accgccugggaauacccgguguugUgggcu	1	1	seq
accgccugggaauacccgguguuAuaggcu	1	1	seq
accgccugCgaauacccgguguuguaggcu	1	1	seq
accgccugggaauacccgguguuguCggcu	2	1	seq
accUccugggaauacccgguguuguaggcu	1	1	seq
accgccugggaauacccgguguuguaggcC	45	1	seq
accgccugggaauacccgguguuguaggcu	164	0	seq
accgcUugggaauacccgguguuguaggcu	1	1	seq
accgccugggaGuacccgguguuguaggcuu	6	1	seq
aUcgccugggaauacccgguguuguaggcuu	2	1	seq
acUgccugggaauacccgguguuguaggcuu	2	1	seq
Cccgccugggaauacccgguguuguaggcuu	10	1	seq
accgccugggaauacccgguguAguaggcuu	1	1	seq
accgccugggaauacccgguguuguaggGuu	1	1	seq
accgccugggaauaccccAuguuguaggcuu	1	1	seq
accgccugggaauacccgguguuguGggcuu	2	1	seq
accgccugggaauacccgguguuguaggcAu	32	1	seq
accgccugggaauacccgguguuguaUgcuu	2	1	seq
accgccugggaauacccgguguuguUggcuu	1	1	seq
accgccugggaaCacccgguguuguaggcuu	1	1	seq
accgccugggaauacccgguguuguaggcuC	305	1	seq
accUccugggaauacccgguguuguaggcuu	1	1	seq
accgccugggaauacccgGguuguaggcuu	1	1	seq
accgcUugggaauacccgguguuguaggcuu	1	1	seq
accAccugggaauacccgguguuguaggcuu	1	1	seq
accgUcugggaauacccgguguuguaggcuu	4	1	seq
accgccugggaauacccgguguuguaggcuu	1335	0	seq
accgccugggaauaccccgugCguaggcuu	3	1	seq
accgccugggaauaccccguguuguagAcuu	1	1	seq
Gccgccugggaauacccgguguuguaggcuu	5	1	seq
Uccgccugggaauacccgguguuguaggcuu	5	1	seq
accgccugggaauacccgguguuguaggcuG	86	1	seq
accgccuUggaauacccgguguuguaggcuu	1	1	seq
accgccugggGauacccgguguuguaggcuu	5	1	seq
accgccugggaauacccgguguuguaggAuu	2	1	seq
accgccugggaauacccgguguuguaggcGu	68	1	seq
accgccCgggaauacccgguguuguaggcuu	3	1	seq
accgccugggaauacccgCguuguaggcuu	1	1	seq
aAcgccugggaauacccgguguuguaggcuu	17	1	seq
accgccugggaauacccgguguuguaggcCu	13	1	seq
accgccugggaauGcccgguguuguaggcuu	1	1	seq
accgccugggaauacccgguguuguaggcuA	321	1	seq
accgccugggaauacccgguguCguaggcuu	7	1	seq
accgccugggaauacUccgguguuguaggcuu	2	1	seq
accgccugggaauacccgguguugCaggcuu	2	1	seq
accgccugggaauacccgguguuguagCcuu	1	1	seq
accgccugggaCuacccgguguuguaggcuu	1	1	seq
accgccugggaauacccgguguuguaggUuu	1	1	seq
accgccuggAaauacccgguguuguaggcuu	1	1	seq
ccgccugggaauaccccc	3	0	seq
ccgccugggaauaccccA	1	1	seq
ccgccugggaauaccccU	1	1	seq
ccgccugggaauaccccg	1	0	seq
ccgccugggaauaccccgug	2	0	seq
ccgccugggaauacUccgugu	1	1	seq
ccgccugggaauacccgguguuguagg	1	0	seq
ccgccugggaauacccgguguuguaggA	7	1	seq
ccgccugggaauacccgguguuguaggcG	24	1	seq
ccgccugggaauacccgguguuguaggUu	3	1	seq
ccgccugggaauacccgguguuguaggcC	30	1	seq
ccgccugggaauacccgguguuguaggcA	42	1	seq
ccgccugggaauaccccguAuuguaggcu	1	1	seq
ccgccugggaauacccgguguuguaggcu	121	0	seq
ccgccugggGauacccgguguuguaggcu	1	1	seq
ccgccugggaauacccgguguuguaggAu	1	1	seq
ccgccugggaGuacccgguguuguaggcuu	1	1	seq

cgaaguuaagcccugucgggcgggguuaguacuuggaugggugaccgccugggaauaccccgugucuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu

Sequence			
ccgccugAgaauaccccgugucuguaggcuu	1	1	seq
ccgccugggaauaccccgugucuguaggcuC	81	1	seq
ccgccuggGgauaccccgugucuguaggcuu	3	1	seq
ccgccugggaauaccccgugucuguaggcCu	5	1	seq
ccCccugggaauaccccgugucuguaggcuu	1	1	seq
ccgccugggaauGccccgugucuguaggcuu	2	1	seq
ccgccugggaauaccccgugCuguaggcuu	2	1	seq
Acgccugggaauacccigugucuguaggcuu	3	1	seq
ccgccugggaauacccgugucuguaggcGu	21	1	seq
ccgccugggaauacccgugucuguaggcAu	19	1	seq
ccgccugggaauacccgugucuguaggcuA	88	1	seq
ccgccugggaauaccUcgugucuguaggcuu	1	1	seq
ccgccugggaauaccccgugucuguaggcuu	2	1	seq
Gcgccugggaauaccccgugucuguaggcuu	2	1	seq
ccUccugggaauaccccgugucuguaggcuu	2	1	seq
ccgccugggaauaccccgugucuguaggcuu	413	0	seq
Ucgccugggaauaccccgugucuguaggcuu	2	1	seq
ccgccugggaauacccUgugucuguaggcuu	1	1	seq
ccgccugggaauaccccgugucuguaggcuG	25	1	seq
ccgccugggaauaUcccgugucuguaggcuu	1	1	seq
ccgccAggaauaccccgugucuguaggcuu	1	1	seq
ccgccCgggaauaccccgugucuguaggcuu	3	1	seq
ccgccugggaCuaccccgugucuguaggcuC	1	1	seq
ccgccugggaauGccccgugucuguaggcuuc	1	1	seq
ccgccugggaauaccccgugucuguaggcuuU	2	1	seq
ccgccugggaauaccccgugucuguaggcuuc	7	0	seq
ccgccugggaauaccccgugucuguaggcuuA	1	1	seq
cgccugggaauaccccgugucugua	2	0	seq
cgccugggaauaccccgugucuguaA	2	1	seq
cgccugggaauaccccgugucuguagU	1	1	seq
Agccugggaauaccccgugucuguagg	1	1	seq
Ugccugggaauaccccgugucuguagg	1	1	seq
cgcUugggaauaccccgugucuguagg	1	1	seq
cgccugggaauaccccgugucuguagA	2	1	seq
cgccugggaauaccccgugucuguagg	9	0	seq
cgccugggaauaccccgugucuguaggc	2	0	seq
cgccugggaauaccccgugucuguaggA	7	1	seq
cgccugggaauaccccgugucuguaggU	1	1	seq
cgccugggaauaccccgugGuguaggcu	1	1	seq
cAccugggaauaccccgugucuguaggcu	2	1	seq
Ugccugggaauaccccgugucuguaggcu	1	1	seq
cgccugggaauaccccgugucuguaggcA	64	1	seq
cgccugggaauaccccgugucuguaggcC	44	1	seq
cgccugggaauaccccgugucuguaggAu	4	1	seq
cCccugggaauaccccgugucuguaggcu	2	1	seq
cUccugggaauaccccgugucuguaggcu	12	1	seq
cgccuAggaauaccccgugucuguaggcu	1	1	seq
cgccugggaauaccccgugucuguaggcu	136	0	seq
cgccugAgaauaccccgugucuguaggcu	1	1	seq
cgccugggaauaccccgugucuguaggcG	32	1	seq
cgccugggaauaccccgugucuguaggUu	1	1	seq
cgccugggaauaccccgugucuguagAcu	1	1	seq
cgccugggaauaccccgugCuguaggcu	2	1	seq
cgccugggaGuaccccgugucuguaggcuu	1	1	seq
cgccugggaauaccccgugucuguaggcAu	7	1	seq
cgccugggaauaccccgugucuguaggcuu	304	0	seq
cgccugggaauaccccgugucuguaggcCu	1	1	seq
Agccugggaauaccccgugucuguaggcuu	2	1	seq
cUccugggaauaccccgugucuguaggcuu	20	1	seq
cgccugggaauaccccguguCguaggcuu	1	1	seq
cgccugggaauaccccgugucuguaggcuG	14	1	seq
cgccuAggaauaccccgugucuguaggcuu	1	1	seq
cgUcugggaauaccccgugucuguaggcuu	1	1	seq
cgccugggaauaccccgugucuguaggAuu	1	1	seq
cAccugggaauaccccgugucuguaggcuu	4	1	seq
cgccugggaauaccccgugucuguaggcuC	71	1	seq
cgccCgggaauaccccgugucuguaggcuu	2	1	seq
cgccugggaauacccgCguuguaggcuu	3	1	seq
Ugccugggaauaccccgugucuguaggcuu	2	1	seq
cgccugggaauaccccAguuguaggcuu	1	1	seq

cgaaguuaagcccugucgggcgggguuaguacuugggaugggugaccgccugggaauaccccguguuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu

Sequence	Count	Flag	
....cgccugggaauaccccguguuguaggcuA...............................	66	1	seq
....cgccugggaauaccccguguuAuaggcuu...............................	2	1	seq
....cgccugggaauaccccguguuguaggcGu...............................	10	1	seq
....cgcUugggaauaccccguguuguaggcuu...............................	1	1	seq
....cgccuggGgauacccccguguuguaggcuu..............................	1	1	seq
....cCccugggaauacccccguguuguaggcuu..............................	2	1	seq
....cgccugggaauacccccgugucguaggcuuc.............................	1	1	seq
....cgccugggaauacccccguguuguaggcuuc.............................	5	0	seq
....cgccugggaauacccccguguuguaggcuuca............................	2	0	seq
....gccugggaauacccccgugugG..	1	1	seq
....gccugggaauacccccguguuguG.......................................	2	1	seq
....gccugggaauacccccguguuguagg.......................................	1	0	seq
....gccugggaauacccccguguuguaggA...................................	2	1	seq
....gccugggaauacccccguguuguaggcA..................................	46	1	seq
....gcUugggaauacccccguguuguaggcu..................................	2	1	seq
....gccugggaauacccccgugucguaggcu..................................	1	1	seq
....gccugggaauacccccgugGguaggcu..................................	1	1	seq
....gccugggaauacccccguguuguaggAu.................................	2	1	seq
....gccugggaauacccccguguuguaggcG..................................	15	1	seq
....Cccugggaauacccccguguuguaggcu..................................	1	1	seq
....gccugggaauacccccguguuGuggcu...................................	1	1	seq
....gccugggaauacccccguguuguaggcC..................................	20	1	seq
....Uccugggaauacccccguguuguaggcu..................................	5	1	seq
....Accugggaauacccccguguuguaggcu..................................	1	1	seq
....gccugggaauacccccguguuguaggcu..................................	82	0	seq
....gccugggaauacccccguguuguaggcuA.................................	78	1	seq
....gccugggaauacccccguguuguagAcuu.................................	1	1	seq
....gccugggaauacccccguguuguaggcuG.................................	24	1	seq
....gccugggaauacUccguguuguaggcuu.................................	1	1	seq
....gccugggaauacccccguguuguaggcuu.................................	345	0	seq
....gccAgggaauacccccguguuguaggcuu.................................	1	1	seq
....gccugggaauacccccguguugCaggcuu.................................	2	1	seq
....gccugggaauacccccguguuGgggcuu.................................	2	1	seq
....gUcugggaauacccccguguuguaggcuu.................................	3	1	seq
....gccugggaauGccccguguuguaggcuu..................................	4	1	seq
....gcUugggaauacccccguguuguaggcuu.................................	4	1	seq
....gccugggGauacccccguguuguaggcuu.................................	1	1	seq
....gccugggaauacccccguguuguaggcCu.................................	9	1	seq
....gccugggaauacccccguguuguaggcAu.................................	11	1	seq
....gAcugggaauacccccguguuguaggcuu.................................	1	1	seq
....gccugggaauacccccguguuguaggcGu.................................	11	1	seq
....gccCgggaauacccccguguuguaggcuu.................................	2	1	seq
....gccugggaGuacccccguguuguaggcuu.................................	1	1	seq
....Accugggaauacccccguguuguaggcuu.................................	15	1	seq
....gccugggaauacccccguguuguaggcuC.................................	57	1	seq
....Uccugggaauacccccguguuguaggcuu.................................	14	1	seq
....Cccugggaauacccccguguuguaggcuu.................................	8	1	seq
....gccugggaauacccccgugucguaggcuu.................................	3	1	seq
....gccugggaauacccccguguuguaggcuuc................................	3	0	seq
....gccugggaauacccccgugCguaggcuuc................................	1	1	seq
....gccugggaauacccccguguuguaggcuAc................................	2	1	seq
....ccugggaauacccccgugu......................................	1	0	seq
....ccugggaauacccccguguugC...................................	3	1	seq
....ccugggaauacccccguguugu....................................	6	0	seq
....cUugggaauacccccguguugu....................................	1	1	seq
....ccugggaauacccccguguugua...................................	2	0	seq
....ccugggaauacccccguguuguaA.................................	2	1	seq
....ccugggaauacccccguguugua..................................	8	0	seq
....ccugggaauacccccguguuguaU.................................	1	1	seq
....ccugggaauacccccguguuguagg................................	13	0	seq
....ccugggaauacccccguguuguagU................................	1	1	seq
....ccugggGauacccccguguuguagg................................	1	1	seq
....ccugggaauacccccguguuguagA................................	2	1	seq
....ccugggaauacccccguguuguagAc...............................	1	1	seq
....ccugggaauacccccguguuguaggA...............................	4	1	seq
....ccugggaauacccccguguuguaggU...............................	3	1	seq
....ccugggaauacccccguguuguaggc...............................	35	0	seq
....ccugggaauacccccguguuguagCcu..............................	4	1	seq
cgaaguuaagcccugucgggcgggguuaguacuuggaugggugaccgcccUugggaauacccccguguuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu	3	1	seq
....ccugggaauacccccguguuguaggcC...............................	495	1	seq

cgaaguuaagcccugucgggcgggguuaguacuugggauggguggugaccgccugggaauaccccguguuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu

Sequence	Count		
....ccugggaauaccccUuguuguaggcu...	2	1	seq
....ccugggaaGaccccguguuguaggcu...	2	1	seq
....ccuUggaauaccccguguuguaggcu...	2	1	seq
....ccugggaGuaccccguguuguaggcu...	12	1	seq
....ccugggaauaccccguguuguaggAu...	48	1	seq
....ccugggaauGccccguguuguaggcu...	1	1	seq
....ccugggaauaccccguguuguaggcG...	397	1	seq
....ccugggaauaccccguguCguaggcu...	7	1	seq
....ccugggaauaccccguguuguagUcu...	2	1	seq
....ccugggaauaccccguguuguaAgcu...	2	1	seq
....ccugggaauaccccguguuguGggcu...	7	1	seq
....ccugggaauaccccguguugCaggcu...	3	1	seq
....ccugggaauaccccgugCguaggcu...	11	1	seq
....ccugggaauaccccgugAguaggcu...	1	1	seq
....ccugggaauaccccguguuguaggcA...	844	1	seq
....ccGggaauaccccguguuguaggcu...	1	1	seq
....ccugggGauaccccguguuguaggcu...	7	1	seq
....ccugggaauaGcccguguuguaggcu...	1	1	seq
....ccugggaauaccccguguuguCggcu...	1	1	seq
....ccugggaauaccccguguuguUggcu...	1	1	seq
....ccugggaauaccccguguuguagAcu...	7	1	seq
....ccugggaauaccccGguuguaggcu...	2	1	seq
....Gcugggaauaccccguguuguaggcu...	3	1	seq
....ccugggaauaccccgCguuguaggcu...	1	1	seq
....ccugggaauaccccguguuguaggGu...	2	1	seq
....ccugggaauaccccguguAguaggcu...	2	1	seq
....ccAgggaauaccccguguuguaggcu...	1	1	seq
....ccugggaauaccccguguuguaggcu...	1851	0	seq
....ccugggaaAaccccguguuguaggcu...	1	1	seq
....Ucugggaauaccccguguuguaggcu...	12	1	seq
....ccCgggaauaccccguguuguaggcu...	3	1	seq
....ccugggaauaccccguguuguaggUu...	8	1	seq
....ccugggaauacUccguguuguaggcu...	2	1	seq
....ccugggaauaUcccguguuguaggcu...	4	1	seq
....ccugggaaCaccccguguuguaggcu...	2	1	seq
....ccugggaauaccccguguuAuaggcu...	1	1	seq
....ccugggaauaccccAuguuguaggcu...	1	1	seq
....ccugggaauaccccgAguuguaggcu...	2	1	seq
....ccugggUauaccccguguuguaggcu...	1	1	seq
....Acugggaauaccccguguuguaggcu...	5	1	seq
....ccugggaauacccUguguuguaggcu...	3	1	seq
....ccugggUauaccccguguuguaggcuu..	5	1	seq
....cUugggaauaccccguguuguaggcuu..	21	1	seq
....ccugggaauGccccguguuguaggcuu..	12	1	seq
....Acugggaauaccccguguuguaggcuu..	34	1	seq
....ccuggAaauaccccguguuguaggcuu..	1	1	seq
....ccugggGauaccccguguuguaggcuu..	29	1	seq
....ccugUgaauaccccguguuguaggcuu..	1	1	seq
....cGugggaauaccccguguuguaggcuu..	6	1	seq
....ccugggaauaccGcguguuguaggcuu..	1	1	seq
....Ucugggaauaccccguguuguaggcuu..	50	1	seq
....ccuggUaauaccccguguuguaggcuu..	3	1	seq
....ccugggaauaccccgugGuguaggcuu..	4	1	seq
....ccugggaauaccccguguuguagCcuu..	1	1	seq
....ccugggCauaccccguguuguaggcuu..	1	1	seq
....ccugggaauaccccguguuguCggcuu..	2	1	seq
....ccugggaaAaccccguguuguaggcuu..	2	1	seq
....ccugggaauaccccguguuguaAgcuu..	6	1	seq
....ccugggaauaccccguguuguaUgcuu..	1	1	seq
....ccugggaauaccccgugCguaggcuu..	22	1	seq
....ccugggaauaccccguguuguagAcuu..	4	1	seq
....ccugggaauacccUguguuguaggcuu..	3	1	seq
....ccugggaaCaccccguguuguaggcuu..	11	1	seq
....ccugggaauaccccguguuguaggCu...	68	1	seq
....ccugggaauaccccgGguuguaggcuu..	5	1	seq
....ccugggaauaccccguguugAaggcuu..	1	1	seq
....ccugggaauaccccguguuguaggcGu..	264	1	seq
....ccugggaauacccguUuguaggcuu...	1	1	seq
cgaaguuaagcccugucgggcgggguuaguacuugggauggguggugaccgccugggaauaccccguguuguaggAuucauuuuuugucuugcgaacauuucuaaacguuu	4	1	seq
....ccGgggaauaccccguguuguaggcuu..	1	1	seq

cgaaguuaagcccugucgggcgggguuaguacuugggaugggugaccgccugggaauaccccguguuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu

Sequence	Count	Flag	
....ccugggaauaccccguguuguagUcuu................................	3	1	seq
....ccugggaauaccccgAguuguaggUcuu................................	2	1	seq
....ccugggaauaccccguguuguaggcuC.................................	1356	1	seq
....ccugggaauCccccguguuguaggcuu.................................	1	1	seq
....ccugggaauaccccAuguuguaggcuu.................................	5	1	seq
....ccugggaauaccccUuguuguaggcuu.................................	2	1	seq
....ccugggaauaccccguguuguaggGuu.................................	2	1	seq
....ccugggaauaccccguguuguaggcuA.................................	1457	1	seq
....ccugggaauaccccguguugGaggcuu.................................	2	1	seq
....ccAgggaauaccccguguuguaggcuu.................................	3	1	seq
....ccugCgaauaccccguguuguaggcuu.................................	1	1	seq
....ccugggaauaccccguguuguUggcuu.................................	3	1	seq
....ccugggaauaccUcguguuguaggcuu.................................	7	1	seq
....ccugggaGuaccccguguuguaggcuu.................................	24	1	seq
....Gcugggaauaccccguguuguaggcuu.................................	7	1	seq
....ccugggaauaccccguguGguaggcuu.................................	1	1	seq
....ccugggaauaccccguguuguaggcuu.................................	6528	0	seq
....ccugggaauaccccgugCguaggcuu.................................	27	1	seq
....ccugggaauaccccguguuguaggcAu.................................	178	1	seq
....ccugggaauacccGgguguuguaggcuu.................................	1	1	seq
....ccugggaauacccgCguuguaggcuu.................................	26	1	seq
....ccugggaauaccccguAuuguaggcuu.................................	2	1	seq
....ccugggaauaUcccguguuguaggcuu.................................	6	1	seq
....ccugggaauaccccguguuguaggUuu.................................	8	1	seq
....ccugAgaauaccccguguuguaggcuu.................................	6	1	seq
....ccugggaauacUccguguuguaggcuu.................................	4	1	seq
....ccugggaauaccccguguuAuaggcuu.................................	4	1	seq
....ccugggaauaccccguguuguaggcuG.................................	573	1	seq
....ccugggaauaccccguguugCaggcuu.................................	22	1	seq
....ccCgggaauaccccguguuguaggcuu.................................	18	1	seq
....ccugggaauaccccguguuGggcuu.................................	19	1	seq
....Ucugggaauaccccguguuguaggcuuc...............................	2	1	seq
....ccugggaauaccccguguuguaggcuuG...............................	1	1	seq
....ccugggGauaccccguguuguaggcuuc...............................	1	1	seq
....ccugggaauaccccguguuguaggcuuA...............................	7	1	seq
....ccugggaauaccccguguuguaggcuAc...............................	2	1	seq
....ccugggaauaccccguguuguaggcuuU...............................	4	1	seq
....ccugggaauaccccguguuguaggcCuc...............................	1	1	seq
....ccugggaauaccccguguuguaggcAuc...............................	1	1	seq
....ccugggaauaccccguguuguaggcuuc...............................	40	0	seq
....ccugggaauaccccguguuguaggcuuca..............................	5	0	seq
....Ucugggaauaccccguguuguaggcuuca..............................	1	1	seq
....ccugggaauaccccguguuguaggcuuUa..............................	1	1	seq
....ccugggaauaccccguguuguaggcuucauA............................	1	1	seq
....ccugggaauaccccguguuguaggcuucaAu............................	3	1	seq
....cuggggaauaccccguguugu.....................................	15	0	seq
....cuggggaauaccccguguugC.....................................	1	1	seq
....cuggggaauaccccguguugA.....................................	2	1	seq
....cuggggaauaccccguguugU.....................................	1	1	seq
....cuggCaauaccccguguugua.....................................	1	1	seq
....cuggggaauaccccguguugAa....................................	2	1	seq
....cuggggaauaccccguguCgua....................................	1	1	seq
....cuggggaauaccccguguugua....................................	5	0	seq
....cuggggaauaccccguguuguag...................................	3	0	seq
....cuggggaauaccccguguuguagA..................................	2	1	seq
....cuggggaauaccccguguuguagg..................................	16	0	seq
....cuggggaauaccccguguuguaggc.................................	29	0	seq
....cuggggaauacccUguguuguaggc.................................	2	1	seq
....cuggggaauaccccguguuguaggU.................................	3	1	seq
....cuggggaauaUcccguguuguaggc.................................	1	1	seq
....cuggggGauaccccguguuguaggc.................................	1	1	seq
....cuggggaauaccccgugGguaggc.................................	1	1	seq
....cuggggaauaccccguguuguaggA.................................	6	1	seq
....cuggGgauaccccguguuguaggcu.................................	2	1	seq
....cuggggaauaccccguUuuguaggcu.................................	5	1	seq
....cugggaGuaccccguguuguaggcu.................................	5	1	seq
....cuggggaauacccUguguuguaggcu.................................	2	1	seq
....cuggggaauaccccguguugCaggcu.................................	4	1	seq
cgaaguuaagcccugucgggcgggguuaguacuugggaugggugaccgcccuggggaauaccccguguAguaggcu cauuuuuugucuugcgaacauuucuaaacguuu	2	1	seq
....cuggggaauaccccguguuguaggcC.................................	364	1	seq

Star **Mature**

cgaaguuaagcccugucgggcgggguuaguacuugggaugggugaccgccugggaauaccccgguguuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu

Sequence			
....cugggaauaccccggugGuguaggcu...........................	1	1	seq
....cCgggaauaccccggugGuguaggcu...........................	3	1	seq
....cugggUauaccccgguguuguaggcu...........................	1	1	seq
....cugggaauacccccgguguuguaggcA...........................	604	1	seq
....cugggaauaccccguAuuguaggcu...........................	1	1	seq
....cugggaauaccccguguuguaggAu...........................	34	1	seq
....cuUgggaauaccccgguguuguaggcu...........................	4	1	seq
....cugggaaCaccccgguguuguaggcu...........................	2	1	seq
....cugggaauaccccgguguuguaggcu...........................	1210	0	seq
....cugggaauaccccgguguuguCggcu...........................	2	1	seq
....cugggaauacccCgguguuguaggcu...........................	1	1	seq
....cugggaauaccccgguguuaAgcu...........................	3	1	seq
....Gugggaauaccccgguguuguaggcu...........................	1	1	seq
....Uugggaauaccccgguguuguaggcu...........................	13	1	seq
....cGgggaauaccccgguguuguaggcu...........................	1	1	seq
....cugggaauaccccgugCguaggcu...........................	3	1	seq
....cugggaauacGccgguguuguaggcu...........................	1	1	seq
....cuAggaauaccccgguguuguaggcu...........................	1	1	seq
....cugggaauaccccgCguuguaggcu...........................	1	1	seq
....cugggaauaccccgguguuguaggcG...........................	220	1	seq
....cugggaauGccccgguguuguaggcu...........................	3	1	seq
....cugggaauaccccgguguuUuaggcu...........................	1	1	seq
....cugggaauaccUcgguguuguaggcu...........................	4	1	seq
....cugggaauaccccgguguuguagAcuG...........................	4	1	seq
....cugggaauaccccgguguugUgggcu...........................	1	1	seq
....cugggaauaccccAuguuguaggcu...........................	2	1	seq
....cuggAaauaccccgguguuguaggcu...........................	1	1	seq
....cugggaauaccccgguguuCuaggcu...........................	1	1	seq
....cugggaauaUcccgguguuguaggcu...........................	2	1	seq
....cugggaauaccccgugCguaggcu...........................	3	1	seq
....Augggaauaccccgguguuguaggcu...........................	5	1	seq
....cugggaauacUccgguguuguaggcu...........................	2	1	seq
....cugggaauaccccgguguuguaggUu...........................	5	1	seq
....cAgggaauaccccgguguuguaggcu...........................	2	1	seq
....cugggaCuaccccgguguuguaggcu...........................	1	1	seq
....cugggGauaccccgguguuguaggcuu..........................	34	1	seq
....cugggaaCaccccgguguuguaggcuu..........................	15	1	seq
....cugggaauaccccgugAuguaggcuu..........................	5	1	seq
....cugggaauaccccgAguuguaggcuu..........................	4	1	seq
....cugggaauaccccgguguuAuaggcuu..........................	8	1	seq
....cuUggaauaccccgguguuguaggcuu..........................	42	1	seq
....cugggaauaccccgguguuguaggcGu..........................	402	1	seq
....cugggaauaccccgguguuguaggUuu..........................	10	1	seq
....cugggaauacAccgguguuguaggcuu..........................	4	1	seq
....cCgggaauaccccgguguuguaggcuu..........................	14	1	seq
....cugggaUuaccccgguguuguaggcuu..........................	1	1	seq
....cugggaauaccccguUuuguaggcuu..........................	11	1	seq
....cugggUauaccccgguguuguaggcuu..........................	3	1	seq
....cugggaauaccccAuguuguaggcuu..........................	9	1	seq
....cugggaauaccccgguguuguagAcuu..........................	9	1	seq
....cugggaauaccccgguguugCaggcuu..........................	18	1	seq
....cuggUaauaccccgguguuguaggcuu..........................	3	1	seq
....cugggaauacccUgguguuguaggcuu..........................	11	1	seq
....cugggaauaccccguAuuguaggcuu..........................	2	1	seq
....cugggaauaUcccgguguuguaggcuu..........................	5	1	seq
....cugggaauaccccgguguuguagUcuu..........................	4	1	seq
....cugggaauaccccgguguuguUggcuu..........................	2	1	seq
....cGgggaauaccccgguguuguaggcuu..........................	11	1	seq
....cugggaauaccccgguguAguaggcuu..........................	2	1	seq
....cugggaauaccccgGguuguaggcuu..........................	4	1	seq
....cugggaauaccccgguguuguaggcuA..........................	1953	1	seq
....cugggaauUccccgguguuguaggcuu..........................	1	1	seq
....cugggaGuaccccgguguuguaggcuu..........................	23	1	seq
....cAgggaauaccccgguguuguaggcuu..........................	10	1	seq
....cugggaauaccccgguguuguaggcAu..........................	241	1	seq
....cugggaauaccccgguguugGggcuu..........................	32	1	seq
....cugggaauaccccgguguuguaggcuG..........................	564	1	seq
....cuAggaauaccccgguguuguaggcuu..........................	9	1	seq
cgaaguuaagcccugucgggcgggguuaguacuugggaugggugaccgccugAgaauaccccgguguuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu	2	1	seq
....cugggaauaccccgguguuguaggcCu..........................	90	1	seq

```
cgaaguuaagcccugucgggcgggguuaguacuugggaugggugaccgccugggaauaccccguguuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu
```

Sequence	Count	Flag	
....cuggggaauaccccgCguuguaggcuu...............................	21	1	seq
....cugggaauacccgugGguaggcuu...............................	3	1	seq
....cugggaauacccguguuguCggcuu...............................	2	1	seq
....cugggaauacccguguCguaggcuu...............................	29	1	seq
....cugggaauacccgugCguguaggcuu...............................	29	1	seq
....cugggaauaccccguguuguaggcuu...............................	8592	0	seq
....cugggaauaccccUuguuguaggcuu...............................	6	1	seq
....Gugggaauaccccguguuguaggcuu...............................	9	1	seq
....cugggaauaccccguguuugGaggcuu...............................	3	1	seq
....cugUgaauaccccguguuguaggcuu...............................	4	1	seq
....cugggaauaccccguguuguaggGuu...............................	2	1	seq
....cugggaauaccccguguuguaggAuu...............................	9	1	seq
....cugggaauacGccguguuguaggcuu...............................	1	1	seq
....cugggaauacUccguguuguaggcuu...............................	14	1	seq
....cugggCauaccccguguuguaggcuu...............................	1	1	seq
....cugggaauaccccguguuguaggcuC...............................	1759	1	seq
....cugggaauaccccguguGguaggcuu...............................	2	1	seq
....cugggaauacccguguuUuaggcuu...............................	2	1	seq
....cugggaauacccGguguuguaggcuu...............................	1	1	seq
....cugggaauaccccguguuguaAgcuu...............................	4	1	seq
....cugggaauGccccguguuguaggcuu...............................	12	1	seq
....cugggaauaccccguguuguaUgcuu...............................	3	1	seq
....cugggaauaccUcguguuguaggcuu...............................	10	1	seq
....cugggaauacccguCuuguaggcuu...............................	1	1	seq
....cugggaauaccccguguuguagCcuu...............................	1	1	seq
....cuCggaauaccccguguuguaggcuu...............................	2	1	seq
....Augggaauaccccguguuguaggcuu...............................	24	1	seq
....cugggaauaccAcguguuguaggcuu...............................	2	1	seq
....cuggAaauaccccguguuguaggcuu...............................	4	1	seq
....Uugggaauaccccguguuguaggcuu...............................	51	1	seq
....cugggaauaccccguguuguaggcuuc...............................	49	0	seq
....cugggaGuaccccguguuguaggcuuc...............................	2	1	seq
....cuggUaauaccccguguuguaggcuuc...............................	2	1	seq
....cugggaauaccccguguuguaggcuuU...............................	8	1	seq
....cugggaauaccccguguCguaggcuuc...............................	1	1	seq
....cugggaauaccccguguuguaggcuCc...............................	2	1	seq
....cugggaauaccccguguuguaggcuuA...............................	5	1	seq
....cugggaauaccccguguuguaggcuAc...............................	1	1	seq
....cugggaauaccccguguuguaggcCuc...............................	1	1	seq
....cugggaauaccccguguuguaggcuuca...............................	6	0	seq
....cugggaauaccccguguuguaggcuucaAuu...............................	1	1	seq
....ugggaauacccguguugG...............................	1	1	seq
....ugggaauacccguguugC...............................	2	1	seq
....ugggaauacccguguugu...............................	25	0	seq
....ugggaauacccguguugua...............................	3	0	seq
....ugggaauacccguguuguag...............................	3	0	seq
....ugggaauacccguguuguaA...............................	2	1	seq
....ugggaauacccguguugGagg...............................	1	1	seq
....ugggaauacccguguuguagg...............................	4	0	seq
....ugggaauacccgguguCguaggc...............................	4	1	seq
....uggUaauacccguguuguaggc...............................	2	1	seq
....ugggaauacccguguuguaggc...............................	28	0	seq
....ugggaauacccguguuguaggA...............................	5	1	seq
....ugggaauacccguguuguaggU...............................	10	1	seq
....uUggaauacccguguuguaggc...............................	1	1	seq
....ugAgaauacccguguuguaggc...............................	2	1	seq
....ugggaauacccguguuguaggG...............................	1	1	seq
....ugggaauGccccguguuguaggc...............................	1	1	seq
....ugggaauacccguguuguagAc...............................	1	1	seq
....ugggaauaccUcguguuguaggc...............................	1	1	seq
....ugggUauacccguguuguaggcu...............................	1	1	seq
....ugggaauacccguAuuguaggcu...............................	1	1	seq
....ugggaauacccgCguuguaggcu...............................	6	1	seq
....ugggaauacccguguuguCggcu...............................	4	1	seq
....ugggaauacccguguuguaggcC...............................	469	1	seq
....ugUgaauacccguguuguaggcu...............................	4	1	seq
....ugggaauaUcccguguuguaggcu...............................	1	1	seq
....ugggaauacccguguuguaggcA...............................	881	1	seq
cgaaguuaagcccugucgggcgggguuaguacuugggaugggugaccgccugggaauacccguguuguagAcu cauuuuuugucuugcgaacauuucuaaacguuu	5	1	seq
....ugggaauacUccguguuguaggcu...............................	3	1	seq

cgaaguuaagcccugucgggcggggguuaguacuuggaugggugaccgccugggaauaccccguguuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu

```
.....................................................Agggaauaccccguguuguaggcu.....................................    10     1        seq
.....................................................uUggaauaccccguguuguaggcu.....................................    9      1        seq
.....................................................ugggaauaccUcguguuguaggcu.....................................    3      1        seq
.....................................................ugggaauaccccguguuguaggcu.....................................    1940   0        seq
.....................................................ugggaauaccccguguugCaggcu.....................................    7      1        seq
.....................................................ugggaauaccccguguCguaggcu.....................................    4      1        seq
.....................................................ugggaauaccccAuguuguaggcu.....................................    2      1        seq
.....................................................uggUaauaccccguguuguaggcu.....................................    3      1        seq
.....................................................uggCaauaccccguguuguaggcu.....................................    1      1        seq
.....................................................ugggaauaccccguguuguaggcG.....................................    338    1        seq
.....................................................ugggaauaccccguguuguagCcu.....................................    1      1        seq
.....................................................ugggaauaccccguguuguaggAu.....................................    41     1        seq
.....................................................ugggaauaccccguguuAuaggcu.....................................    1      1        seq
.....................................................ugggaauaccccguguuguaggUu.....................................    12     1        seq
.....................................................ugggaauaccccguCuuguaggcu.....................................    4      1        seq
.....................................................ugggaauaccccguCuuguaggcu.....................................    1      1        seq
.....................................................ugggaauaccccguguugAaggcu.....................................    1      1        seq
.....................................................ugggaaCaccccguguuguaggcu.....................................    2      1        seq
.....................................................Ggggaauaccccguguuguaggcu.....................................    4      1        seq
.....................................................ugCgaauaccccguguuguaggcu.....................................    1      1        seq
.....................................................ugggaauaccccguguuguUggcu.....................................    1      1        seq
.....................................................ugggaauaccccguUuuguaggcu.....................................    1      1        seq
.....................................................ugAgaauaccccguguuguaggcu.....................................    2      1        seq
.....................................................ugggaauaccccUuguuguaggcu.....................................    2      1        seq
.....................................................ugggaauaccccgugCguaggcu.....................................    5      1        seq
.....................................................ugggaauaccGcguguuguaggcu.....................................    1      1        seq
.....................................................Cgggaauaccccguguuguaggcu.....................................    17     1        seq
.....................................................ugggaauaccccguguuguaAgcu.....................................    2      1        seq
.....................................................ugggGauaccccguguuguaggcu.....................................    9      1        seq
.....................................................ugggaauacccAguguuguaggcu.....................................    2      1        seq
.....................................................ugggaauGccccguguuguaggcu.....................................    2      1        seq
.....................................................ugggaGuaccccguguuguaggcu.....................................    3      1        seq
.....................................................ugggaauaccccguguuUuaggcu.....................................    2      1        seq
.....................................................ugggaauaccccgugAuguaggcu.....................................    2      1        seq
.....................................................ugggaauaccccguguuguGggcuu....................................    36     1        seq
.....................................................ugggaauaGcccguguuguaggcuu....................................    1      1        seq
.....................................................ugggaauaccccguUuuguaggcuu....................................    1      1        seq
.....................................................ugggaauacUccguguuguaggcuu....................................    14     1        seq
.....................................................ugggaaCaccccguguuguaggcuu....................................    16     1        seq
.....................................................ugggaauaccccguguuguaggcuC....................................    2250   1        seq
.....................................................uggAaauaccccguguuguaggcuu....................................    5      1        seq
.....................................................ugAgaauaccccguguuguaggcuu....................................    8      1        seq
.....................................................ugggaauaccccUuguuguaggcuu....................................    8      1        seq
.....................................................Ggggaauaccccguguuguaggcuu....................................    21     1        seq
.....................................................ugggaauaccccguguuguaggAuu....................................    8      1        seq
.....................................................ugggaauaccccguguuguaggcGu....................................    528    1        seq
.....................................................ugggaauacAccguguuguaggcuu....................................    6      1        seq
.....................................................ugggaauaccccguguuguaUgcuu....................................    4      1        seq
.....................................................ugggaauaccAcguguuguaggcuu....................................    4      1        seq
.....................................................ugggaauaccccgugCguaggcuu....................................    48     1        seq
.....................................................ugggaauaccccguguugCaggcuu....................................    20     1        seq
.....................................................ugggaauaccccguguuguaAgcuu....................................    5      1        seq
.....................................................ugggaauaccccgCguuguaggcuu....................................    52     1        seq
.....................................................ugUgaauaccccguguuguaggcuu....................................    10     1        seq
.....................................................ugggaauaccccguguuguagUcuu....................................    2      1        seq
.....................................................ugggaauacccUguguuguaggcuu....................................    12     1        seq
.....................................................ugggGauaccccguguuguaggcuu....................................    50     1        seq
.....................................................ugggaauaccccguguGguaggcuu....................................    2      1        seq
.....................................................uCggaauaccccguguuguaggcuu....................................    2      1        seq
.....................................................ugggaauaccccguguuguaggcuA....................................    2615   1        seq
.....................................................ugggaauaccccguguuguaggcuu....................................    10997  0        seq
.....................................................uUggaauaccccguguuguaggcuu....................................    40     1        seq
.....................................................ugggaauaccccguguuguaggcuG....................................    802    1        seq
.....................................................ugggaauaccccguguuguaggGuu....................................    4      1        seq
.....................................................ugggaUuaccccguguuguaggcuu....................................    1      1        seq
.....................................................uggUaauaccccguguuguaggcuu....................................    3      1        seq
.....................................................ugggaauGccccguguuguaggcuu....................................    30     1        seq
.....................................................ugggaauacccguAuuguaggcuu.....................................    4      1        seq
cgaaguuaagcccugucgggcggggguuaguacuuggaugggugaccgccugggaauaccccguguCguaggcuucauuuuuugucuugcgaacauuucuaaacguuu        49     1        seq
.....................................................ugggaCuaccccguguuguaggcuu....................................    2      1        seq
```

cgaaguuaagcccugucgggcgggguuaguacuugggaugggugaccgccugggaauaccccguguuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu

....ugggaauaccccguguAguaggcuu...................................	1	1	seq
....ugggaauaccccguguuguaggcAu...................................	307	1	seq
....ugggaauaccUcguguuguaggcuu...................................	11	1	seq
....ugggaauaccccgAguuuguaggcuu...................................	2	1	seq
....ugggaGuaccccguguuguaggcuu...................................	35	1	seq
....ugggaaAaccccguguuguaggcuu...................................	2	1	seq
....ugggaauaccccguguuguaggcCu...................................	120	1	seq
....ugggaauaccccCguguuguaggcuu...................................	1	1	seq
....ugggaauaccccguguuguaggUuu...................................	8	1	seq
....ugggaauacGccguguuguaggcuu...................................	1	1	seq
....ugggaauaccccguCuuguaggcuu...................................	1	1	seq
....ugggaauaccccguguugAaggcuu...................................	2	1	seq
....uggCaauaccccguguuguaggcuu...................................	1	1	seq
....ugggaauaccccAuguuguaggcuuA...................................	7	1	seq
....ugggaauCccccguguuguaggcuu...................................	3	1	seq
....ugggaauaccccguguuUuaggcuu...................................	1	1	seq
....ugggaauaccccguguuGgaggcuU...................................	2	1	seq
....ugggaauaccccguguuguagAcuu...................................	13	1	seq
....ugggaauaccccgugGguaggcuu...................................	2	1	seq
....ugggaauaccccguguuguUggcuu...................................	3	1	seq
....Aggaauaccccguguuguaggcuu...................................	30	1	seq
....uAggaauaccccguguuguaggcuu...................................	28	1	seq
....ugggUauaccccguguuguaggcuu...................................	4	1	seq
....ugggaauaUcccguguuguaggcuu...................................	8	1	seq
....Cgggaauaccccguguuguaggcuu...................................	103	1	seq
....ugggaauaccccgugAuguaggcuu...................................	1	1	seq
....ugggaauacccAguguuguaggcuu...................................	1	1	seq
....ugggaauaccccguguuAuaggcuu...................................	7	1	seq
....ugggaauaccccguguuguagAcuuc...................................	1	1	seq
....ugggaauaccccguguuguaggcuuA...................................	23	1	seq
....ugggaauaccccguguugCaggcuuc...................................	1	1	seq
....uAggaauaccccguguuguaggcuuc...................................	1	1	seq
....ugggaauaccccguguuguaggcuuU...................................	14	1	seq
....ugggaauacccUguguuguaggcuuc...................................	1	1	seq
....ugggaauaccccguguuGgaggcuuc...................................	1	1	seq
....ugggaauaccccguguuguaggcuuc...................................	151	0	seq
....Cgggaauaccccguguuguaggcuuc...................................	3	1	seq
....ugggGauaccccguguuguaggcuuc...................................	1	1	seq
....ugggaauaccccguguuguaggcuuca...................................	7	0	seq
....ugggaauaccccguguuguaggcuucaA...................................	2	1	seq
....ugggaauaccccguguuguaggcuucauA...................................	2	1	seq
....ugggaauaccccguguuguaggcuucauAu...................................	2	1	seq
....ugggaauaccccguguuguaggcuucaAuu...................................	1	1	seq
....ugggaauaccccguguuguaggcuucaAuuu...................................	4	1	seq
....gggaauaccccguguugA...................................	1	1	seq
....gggaauaccccguguugu...................................	6	0	seq
....gggaauaccccguguugC...................................	2	1	seq
....gggaauaccccguguugua...................................	8	0	seq
....gggaauaccccguguuguag...................................	5	0	seq
....gggaauaccccguguuguaA...................................	2	1	seq
....gggaauaccccguguuguaggA...................................	7	1	seq
....gggaauaccccguguuguaggG...................................	3	1	seq
....gggaauaccccguguuguagAc...................................	2	1	seq
....gggaauaccccguguuguaggU...................................	3	1	seq
....gggaauaccccguguuguaggc...................................	6	0	seq
....ggUaauaccccguguuguaggcu...................................	1	1	seq
....gggaauaccccguguuguaggUu...................................	10	1	seq
....Cggaauaccccguguuguaggcu...................................	2	1	seq
....gggaCuaccccguguuguaggcu...................................	1	1	seq
....ggAaauaccccguguuguaggcu...................................	1	1	seq
....gggaauaccccguguuguaggAu...................................	22	1	seq
....gggaaAaccccguguuguaggcu...................................	1	1	seq
....gggaauaccccgCguuguaggcu...................................	2	1	seq
....gggaauaccccguguuguaggcC...................................	267	1	seq
....gggaauaccccguguuguaggcA...................................	487	1	seq
....gggGauaccccguguuguaggcu...................................	9	1	seq
....gggaauaccccguguuguaggcG...................................	184	1	seq
....gggaauaccAcguguuguaggcu...................................	2	1	seq
cgaaguuaagcccugucgggcgggguuaguacuugggaugggugaccgccgggaauaccccguguuguGggcucauuuuuugucuugcgaacauuucuaaacguuu	3	1	seq
....gggaaCaccccguguuguaggcu...................................	1	1	seq

```
cgaaguuaagcccugucgggcgggguuaguacuugggaugggugaccgccugggaauaccccguguuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu
```

Sequence	Count	MM	Type
....gggaauGccccguguuguaggcu..........................	2	1	seq
....Aggaauaccccguguuguaggcu..........................	15	1	seq
....gggaauaccccguguugCaggcu..........................	1	1	seq
....gggaauaUcccguguuguaggcu..........................	1	1	seq
....gggaGuaccccguguuguaggcu..........................	2	1	seq
....gggaauaccccguguuguaggcu..........................	1033	0	seq
....gggaauaccccAuguuguaggcuA........................	1	1	seq
....gggaauaccccgugCuguaggcu..........................	1	1	seq
....gggaauaccccguguuguagCcu..........................	1	1	seq
....gggaauaccccguguuguagAcu..........................	4	1	seq
....gggaauaccccguguuguUggcu..........................	3	1	seq
....gggaauacccUguguuguaggcu..........................	5	1	seq
....gggaauaccccguguuguCggcu..........................	4	1	seq
....gggaauacAccgguguuguaggcu........................	4	1	seq
....gggaauaccccguguCguaggcu..........................	2	1	seq
....gUgaauaccccguguuguaggcu..........................	5	1	seq
....gggaauacUccguguuguaggcu..........................	2	1	seq
....gggaauaccccguAuuguaggcu..........................	3	1	seq
....gggaauaccAcguguuguaggcuu........................	4	1	seq
....gggGauaccccguguuguaggcuu........................	26	1	seq
....gggaauaccccguguuguaggcAu........................	153	1	seq
....gggaauaccccguguuguaggcuG........................	381	1	seq
....gggaauaccccguguugCaggcuu........................	18	1	seq
....gggaauaccccguguuguaAgcuu........................	3	1	seq
....gggaauaUcccguguuguaggcuu........................	7	1	seq
....gggaaAaccccguguuguaggcuu........................	1	1	seq
....gggUauaccccguguuguaggcuu........................	4	1	seq
....gggaauacccccgAguuguaggcuu.......................	5	1	seq
....gggaauaccccguguuAuaggcuu........................	3	1	seq
....gggaauaccccguguuguagCcuu........................	2	1	seq
....gggaauacccccgCguuguaggcuu.......................	23	1	seq
....gggaauacccccgugAuguaggcuu.......................	3	1	seq
....Aggaauaccccguguuguaggcuu........................	116	1	seq
....gggaGuaccccguguuguaggcuu........................	19	1	seq
....gggaauacUccguguuguaggcuu........................	8	1	seq
....ggAaauaccccguguuguaggcuu........................	4	1	seq
....gggaauaccccguguugGaggcuu........................	1	1	seq
....gggaauaccccguguuguaUgcuu........................	3	1	seq
....gAgaauaccccguguuguaggcuu........................	10	1	seq
....gggaauaccccgGuuguaggcuu.........................	2	1	seq
....gggaauaccccguguuguagUcuu........................	2	1	seq
....gggaaucccUguguuguaggcuu.........................	3	1	seq
....gggaauaccccguguuguaggcuu........................	6005	0	seq
....gggaaCaccccguguuguaggcuu........................	6	1	seq
....gggaauaccccguguuguaggAuu........................	8	1	seq
....gggaauaccccguguCguaggcuu........................	28	1	seq
....gggaauaccccguguuguGggcuu........................	18	1	seq
....gggaauaccccguguuguaggUuu........................	4	1	seq
....gggaauaccccguguuguagAcuu........................	6	1	seq
....gggaauaccccguguuguaggcuA........................	1373	1	seq
....gggaauaccccguguuguaggcuC........................	1181	1	seq
....gggaauaccccguguuguCggcuu........................	2	1	seq
....ggUaauaccccguguuguaggcuu........................	7	1	seq
....gggaauaccUcguguuguaggcuu........................	9	1	seq
....gggaauaccccCAuguuguaggcuu.......................	10	1	seq
....gUgaauaccccguguuguaggcuu........................	15	1	seq
....gggaauaccccguguGguaggcuu........................	2	1	seq
....ggCaauaccccguguuguaggcuu........................	2	1	seq
....Cggaauaccccguguuguaggcuu........................	7	1	seq
....gggaauaccccguguuguaggGuu........................	2	1	seq
....gggaauaccccguguuguaggcGu........................	267	1	seq
....gggaauaccccguguAguaggcuu........................	1	1	seq
....gggaauGccccguguuguaggcuu........................	19	1	seq
....gggaauaccccguAuuguaggcuu........................	5	1	seq
....gggaauacGccguguuguaggcuu........................	1	1	seq
....gggaauacAccguguuguaggcuu........................	1	1	seq
....gggaauaccccgugCuguaggcuu........................	20	1	seq
....gggaauaccccguguuguaggcCu........................	72	1	seq
cgaaguuaagcccugucgggcgggguuaguacuugggaugggugaccgccgggaauaccccguguuUggcuucauuuuuugucuugcgaacauuucuaaacguuu	4	1	seq
....gUgaauaccccguguuguaggcuuc.......................	1	1	seq

cgaaguuaagcccugucgggcgggguuaguacuugggaugggugaccgccugggaauaccccguguuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu

Sequence	Count	Flag	Type
....ggaauacUccguguuguaggcuuc................................	1	1	seq
....gggaauaccccguguuguaggcuuA...............................	16	1	seq
....gggaauacccgguguuguaggcuuU................................	15	1	seq
....gggaauacccUguguuguaggcuuc................................	1	1	seq
....gggaauacccgguguuguaggcuCc................................	1	1	seq
....Aggaauaccccguguuguaggcuuc................................	3	1	seq
....gggaauacccgCguguuguaggcuuc...............................	1	1	seq
....gggaauaccccguguuguaggcuuc................................	93	0	seq
....gggaauaccccguguuguaggcuuca...............................	7	0	seq
....gggaauacccgguguuguaggcuuUa...............................	1	1	seq
....gggaauacccUguguuguaggcuuca...............................	1	1	seq
....gggaauaccccguguuguaggcuucC...............................	1	1	seq
....gggaauaccccgugguCguaggcuuca...............................	2	1	seq
....gggaauaccccguguuguaggcuucauA.............................	1	1	seq
....gggaauaccccguguuguaggcuucaAuuu..........................	1	1	seq
....gggaauaccccguguuguaggcuucaAuuuu.........................	2	1	seq
....ggaauaccccguguugC..	2	1	seq
....ggaauaccccguguugCa.......................................	1	1	seq
....Ugaauaccccguguugua.......................................	1	1	seq
....ggaauaccccguguugua.......................................	12	0	seq
....ggaauaccccguguuguaU......................................	1	1	seq
....ggaauaccccgugguCguag.....................................	1	1	seq
....ggaauaccccguguuguag......................................	39	0	seq
....ggaauaccccguguuguaA......................................	6	1	seq
....ggGauaccccguguuguag......................................	1	1	seq
....ggaauaccccguguuguGg......................................	1	1	seq
....ggaauaccccguguuguagg.....................................	4	0	seq
....ggaauaccccguguuguagA.....................................	1	1	seq
....ggaauaccccguguuguaggU....................................	3	1	seq
....ggaauaccccguguuguaggG....................................	3	1	seq
....ggaauaccccgugguCguaggc...................................	1	1	seq
....ggaauaccccguguuguaggA....................................	4	1	seq
....ggaauaccccguguuguaggc....................................	33	0	seq
....ggaauaUcccguguuguaggc....................................	1	1	seq
....ggaauaccccguguuguagAc....................................	3	1	seq
....ggaaCaccccguguuguaggcu...................................	2	1	seq
....ggaauaccccguguuguGggcu...................................	7	1	seq
....ggaauaccccguguuguaggAu...................................	31	1	seq
....ggaauaccccguguuguCggcu...................................	2	1	seq
....ggaauaccccguguAguaggcu...................................	1	1	seq
....ggaGuaccccguguuguaggcu...................................	8	1	seq
....ggaauacccAuguuguaggcu....................................	2	1	seq
....ggaauGccccguguuguaggcu...................................	1	1	seq
....ggaauaccccguguuguaggC...................................	513	1	seq
....ggaauacccgAguuguaggcu....................................	1	1	seq
....ggaauaccccgugCguaggcu....................................	2	1	seq
....ggaauaccccguguuguaggcG..................................	266	1	seq
....ggaauaccccguguuguaggUu...................................	12	1	seq
....ggaauaccccguguuguagCcu...................................	1	1	seq
....gUaauaccccguguuguaggcu...................................	10	1	seq
....ggaauaccccguguugAaggcu...................................	1	1	seq
....ggaauaccccguguugCaggcu...................................	1	1	seq
....ggaauaccUcguguuguaggcu...................................	1	1	seq
....ggaauaccccguguuguaggcA..................................	847	1	seq
....ggaauaccccguguuguaUgcu...................................	2	1	seq
....Ugaauaccccguguuguaggcu...................................	11	1	seq
....ggaauaccccguguuguagAcu...................................	4	1	seq
....Agaauaccccguguuguaggcu...................................	24	1	seq
....ggaauaccccguAuuguaggcu...................................	3	1	seq
....ggaauaccccgugUCguaggcu...................................	5	1	seq
....ggaauaccccgCguuguaggcu...................................	5	1	seq
....ggGauaccccguguuguaggcu...................................	8	1	seq
....ggaaGaccccguguuguaggcu...................................	1	1	seq
....ggaauacccGguguuguaggcu...................................	1	1	seq
....ggaauaccccguguuAuaggcu...................................	1	1	seq
....ggaauaccccguguuguaggcu.................................	1777	0	seq
....ggaauaccccUuguuguaggcu...................................	1	1	seq
....AggaauacccguguuguaAgcu...................................	1	1	seq
cgaaguuaagcccugucgggcggGguuaguacuugggaugggugaccgccggaauacccUguguuguaggcu...................................	1	1	seq
....ggaauaccccguguuguaggGu...................................	3	1	seq

```
cgaaguuaagcccugucgggcgggguuaguacuugggauggugaccgccugggaauaccccguguuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu
```

Sequence	Count		
....ggaauacUccguguuguaggcu...................................	3	1	seq
....gAaauaccccguguuguaggcu...................................	1	1	seq
....Cgaauaccccguguuguaggcu...................................	1	1	seq
....ggaauUccccguguuguaggcu...................................	1	1	seq
....ggaauacccccguguugGaggcu...................................	2	1	seq
....ggaauacccAguguuguaggcuu..................................	2	1	seq
....ggaauaccGcguguuguaggcuu..................................	3	1	seq
....ggaGuacccccguguuguaggcuu.................................	27	1	seq
....ggaauaccccguguuguaggcuC..................................	2260	1	seq
....ggaauaccccguguuguCggcuu..................................	2	1	seq
....ggaauaccccguguuguaUgcuu..................................	2	1	seq
....ggCauaccccguguuguaggcuu..................................	3	1	seq
....ggaauaccccgGguuguaggcuu..................................	2	1	seq
....ggaauaccccguguuguaggGuu..................................	2	1	seq
....ggaauaccccgCguuguaggcuu..................................	35	1	seq
....gAaauaccccguguuguaggcuu...................................	14	1	seq
....ggaauaccccguguuguaggUuu..................................	11	1	seq
....ggaauaccccguguuguaggcGu..................................	471	1	seq
....ggaauaccccgugAuguaggcuu..................................	2	1	seq
....ggaauaccccguguuguagAcuu..................................	10	1	seq
....ggaauacccUguguuguaggcuu..................................	10	1	seq
....ggaauaccAcguguuguaggcuu..................................	1	1	seq
....ggaauaccccguguuguagUcuu..................................	1	1	seq
....ggaauaccccgugGguaggcuu..................................	3	1	seq
....gCaauaccccguguuguaggcuu...................................	3	1	seq
....ggGauaccccguguuguaggcuu..................................	47	1	seq
....ggaauaccccguAuuguaggcuu..................................	5	1	seq
....ggaauaccccguguuguaggAuu..................................	4	1	seq
....Ugaauaccccguguuguaggcuu..................................	60	1	seq
....ggaauaccccguUuuguaggcuu..................................	1	1	seq
....ggaauaccccguguuguaggcuA..................................	2689	1	seq
....ggaauacUccguguuguaggcuu..................................	10	1	seq
....ggaauaccccguguuguaAgcuu..................................	5	1	seq
....ggaauaccccguguugAaggcuu..................................	3	1	seq
....ggaauaccccguguugGaggcuU..................................	3	1	seq
....gUaauaccccguguuguaggcuu...................................	17	1	seq
....Cgaauaccccguguuguaggcuu..................................	4	1	seq
....ggaauaccccguguuguUggcuu..................................	8	1	seq
....ggaauaccccgugCguaggcuu..................................	24	1	seq
....ggaauaccccguguuguaggcuG..................................	717	1	seq
....ggaauaccccguguuGggcuu..................................	40	1	seq
....ggaauaccccguguuguaggcuu..................................	10728	0	seq
....ggaauaccUcguguuguaggcuu..................................	12	1	seq
....ggUauaccccguguuguaggcuu..................................	1	1	seq
....ggaauaUcccguguuguaggcuu..................................	8	1	seq
....ggaauaccccguguuUuaggcuu..................................	1	1	seq
....ggaaCaccccguguuguaggcuu..................................	19	1	seq
....ggaauaccccguguuguaggcCu..................................	99	1	seq
....ggaCuaccccguguuguaggcuu..................................	1	1	seq
....Agaauaccccguguuguaggcuu..................................	195	1	seq
....ggaauaccccguguuAuaggcuu..................................	9	1	seq
....ggaauaccccguguugCaggcuu..................................	37	1	seq
....ggaauaccccAguuguaggcuu..................................	9	1	seq
....ggaauGccccguguuguaggcuu..................................	18	1	seq
....ggaauaccccguguGguaggcuu..................................	6	1	seq
....ggaauaccccguguCguaggcuu..................................	30	1	seq
....ggaauaccccguguuguaggcAu..................................	306	1	seq
....ggaauaccccguguuguaggcuCc.................................	3	1	seq
....ggaauaccccguguuguaggcuGc.................................	2	1	seq
....ggaauaccccguguuguaggcuuA.................................	21	1	seq
....ggaauaccccguguuguaggcuuU.................................	17	1	seq
....ggaauaccccguguuguaggcAuc.................................	1	1	seq
....ggaauaccccguguuguaAgcuuc.................................	2	1	seq
....ggaauaccccguguuguaggcuAc.................................	6	1	seq
....ggaauaccccguguuguaggcuuc.................................	175	0	seq
....ggaauacccGguguuguaggcuuc.................................	1	1	seq
....ggaauaccccguguCguaggcuuc.................................	2	1	seq
....ggaauacAccguguuguaggcuuc.................................	1	1	seq
cgaaguuaagcccugucgggcgggguuaguacuugggauggugaccgccgUaauaccccguguuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu	1	1	seq
....Ugaauaccccguguuguaggcuuc.................................	1	1	seq

cgaaguuaagcccugucgggcgggguuaguacuugggauggggugaccgccugggaauaccccguguuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu

```
..........................................................ggaauaccccguguuguaggcuuG................................   1     1    seq
..........................................................Agaauaccccguguuguaggcuuc................................   3     1    seq
..........................................................ggaauaccccguguuguaggcuuUa...............................   1     1    seq
..........................................................ggaauaccccguguuguaggcuuca...............................  17     0    seq
..........................................................ggaaCaccccguguuguaggcuuca...............................   1     1    seq
..........................................................ggaauaccccguguuguaggcuGca...............................   1     1    seq
..........................................................ggaauaccccguguuguaggcuucG................................   2     1    seq
..........................................................ggaauaccccguguuguaggcuucau...............................   1     0    seq
..........................................................ggaauaccccguguuguaggcuucaAu..............................   1     1    seq
..........................................................ggaauaccccguguuguaggcuucaAuu.............................   4     1    seq
..........................................................ggaauaccccguguuguaggcuucaAuuuu...........................   1     1    seq
..........................................................gGauaccccguguuguag.........................................   1     1    seq
..........................................................gaauaccccguguuguaA.........................................   3     1    seq
..........................................................gaauaccccguguuguag.........................................   9     0    seq
..........................................................gaauaccccguguuguagg........................................  26     0    seq
..........................................................gaauaccccguguuguagC........................................   1     1    seq
..........................................................Aaauaccccguguuguagg........................................   1     1    seq
..........................................................gaauaccccguguuguagU........................................   1     1    seq
..........................................................gaauaUcccguguuguagg........................................   1     1    seq
..........................................................gaauaccccguguuguagA........................................   3     1    seq
..........................................................gaauaccccguguuguaggU.......................................   8     1    seq
..........................................................gaauaccccgugCguaggc........................................   1     1    seq
..........................................................gaauaccccguguuguaggA.......................................   5     1    seq
..........................................................gaauaccccguguuguaggc.......................................  22     0    seq
..........................................................gGauaccccguguuguaggc.......................................   1     1    seq
..........................................................Aaauaccccguguuguaggcu......................................  21     1    seq
..........................................................gGauaccccguguuguaggcu......................................   4     1    seq
..........................................................gaauaccccguguuguUggcu......................................   2     1    seq
..........................................................gaauaccccguguuguagAcu......................................   2     1    seq
..........................................................gaauaccccguguuAuaggcu......................................   2     1    seq
..........................................................gaaCaccccguguuguaggcu......................................   5     1    seq
..........................................................gaauacUccguguuguaggcu......................................   1     1    seq
..........................................................Uaauaccccguguuguaggcu......................................   6     1    seq
..........................................................gaauaccGguguuguaggcu......................................   1     1    seq
..........................................................gaauaccccguguuguaUgcu......................................   1     1    seq
..........................................................gaauaccUcguguuguaggcu......................................   2     1    seq
..........................................................Caauaccccguguuguaggcu......................................   1     1    seq
..........................................................gaauaccccguguuguaggcG......................................  175    1    seq
..........................................................gaauaccccguguuguaAgcu......................................   2     1    seq
..........................................................gaauGccccguguuguaggcu......................................   4     1    seq
..........................................................gaauaccccguguuguaggcC......................................  297    1    seq
..........................................................gCauaccccguguuguaggcu......................................   1     1    seq
..........................................................gaauaccccguAuuguaggcu......................................   3     1    seq
..........................................................gaauaUcccguguuguaggcu......................................   4     1    seq
..........................................................gaauaccccgugCguaggcu......................................   1     1    seq
..........................................................gaauaccccguguuguCggcu......................................   1     1    seq
..........................................................gaauaccccguguuguaggcu......................................  1034   0    seq
..........................................................gaauaccccguguuguaggAu......................................  15     1    seq
..........................................................gaauaccccguguuCaggcu......................................   2     1    seq
..........................................................gaauaccccgCguuguaggcu......................................   4     1    seq
..........................................................gaauaccccguguuGggcu......................................   3     1    seq
..........................................................gaGuaccccguguuguaggcu......................................   5     1    seq
..........................................................gaauaccccguguuguaggcA......................................  485    1    seq
..........................................................gaauaccccguguCguaggcu......................................   2     1    seq
..........................................................gaauaccUguguuguaggcu......................................   4     1    seq
..........................................................gaauaccUcguguuguaggcuu.....................................   2     1    seq
..........................................................gaauaccccguguuguaggcuA.....................................  711    1    seq
..........................................................gaauaccccguguuguaggcCu.....................................  41     1    seq
..........................................................gCauaccccguguuguaggcuu.....................................   1     1    seq
..........................................................gaauaccccguguuguaggGuu.....................................   3     1    seq
..........................................................gaauaccccgugAuguaggcuu.....................................   1     1    seq
..........................................................gUauaccccguguuguaggcuu.....................................   1     1    seq
..........................................................gaauaccccguguuguaAgcuu.....................................   2     1    seq
..........................................................gaauGccccguguuguaggcuu.....................................   4     1    seq
..........................................................Uaauaccccguguuguaggcuu.....................................  30     1    seq
..........................................................gaauaccccguguuguaggcuG.....................................  222    1    seq
..........................................................gaauacccAguguuguaggcuu.....................................   1     1    seq
..........................................................gaauaccccguguuUuaggcuu.....................................   1     1    seq
cgaaguuaagcccugucgggcgggguuaguacuugggauggggugaccgcc.........gaauaccccgugUAguaggcuu.....................................   1     1    seq
..........................................................Caauacccgguguuguaggcuu......................................   5     1    seq
```

```
cgaaguuaagcccugucgggcggguuaguacuugggaugggugaccgccugggaauacccguguuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu

..........................................................gaauaUcccguguuguaggcuu.................................   1     1     seq
..........................................................gaauaccccgGuuguaggcuu...................................   1     1     seq
..........................................................gaauacAccguguuguaggcuu..................................   1     1     seq
..........................................................gaauaccAcguguuguaggcuu..................................   2     1     seq
..........................................................gaauaccccguguuuGggcuu...................................   17    1     seq
..........................................................gaauacccguAuuguaggcuu...................................   1     1     seq
..........................................................gaauaccccguguuguaggcuC...................................  623   1     seq
..........................................................gaauaccccgugGguguaggcuu..................................  2     1     seq
..........................................................gaauaccccgugGuaggcuu....................................   3     1     seq
..........................................................gaauaccccgugCguaggcuu....................................  10    1     seq
..........................................................gaauaccccguguuguaggcGu...................................  136   1     seq
..........................................................gaauacccccguguuguaggAuu..................................  5     1     seq
..........................................................gaauacccccguguuguUggcuu..................................  1     1     seq
..........................................................gaauacccgCguuguaggcuu....................................  12    1     seq
..........................................................AaauacccguguuguaggcuuU...................................  63    1     seq
..........................................................gaauacccccguguuCaggcuu...................................  8     1     seq
..........................................................gaCuacccguguuguaggcuu....................................  1     1     seq
..........................................................gaauacccccguguCguaggcuu..................................  9     1     seq
..........................................................gaauacccccguguGaggcuu....................................  2     1     seq
..........................................................gaauacccccguguuguaggcAu..................................  92    1     seq
..........................................................gaauacccccguuAuaggcuu....................................  1     1     seq
..........................................................gaauaccGcguguuguaggcuu...................................  2     1     seq
..........................................................gaauaccccAguguuguaggcuu..................................  3     1     seq
..........................................................gGauacccguguuguaggcuu....................................  15    1     seq
..........................................................gaauacccccguguuguaggcuu..................................  3047  0     seq
..........................................................gaauacccUguguuguaggcuu...................................  4     1     seq
..........................................................gaaCacccguguuguaggcuu....................................  2     1     seq
..........................................................gaGuacccguguuguaggcuu....................................  10    1     seq
..........................................................gaauacccccguguuguagAcuu..................................  6     1     seq
..........................................................gaauacccccguguuguaggcuuc.................................  54    0     seq
..........................................................gaauacccccguguuguaggcuuU.................................  3     1     seq
..........................................................gaauacccccguguuguaggcuuA.................................  2     1     seq
..........................................................gaauacccccguguuguaggcuuca................................  3     0     seq
..........................................................Gauacccccguguuguagg.......................................  1     1     seq
..........................................................aauacccguguuguagg.........................................  15    0     seq
..........................................................aauacccguguuguagA.........................................  7     1     seq
..........................................................aauaccccUuguuguaggc.......................................  1     1     seq
..........................................................aauacccccguguuguaggA......................................  9     1     seq
..........................................................aauacccccguguuguaggU......................................  3     1     seq
..........................................................aauacccccguguuguaggG......................................  1     1     seq
..........................................................aauacccccguguuUuaggc......................................  1     1     seq
..........................................................aauacccccguguuguaggc......................................  18    0     seq
..........................................................aauacccccgugCguaggcu.....................................  2     1     seq
..........................................................aauaUcccguguuguaggcu.....................................  1     1     seq
..........................................................aGuacccguguuguaggcu......................................  3     1     seq
..........................................................aauacccccguguuguaggGu....................................  1     1     seq
..........................................................aauacccccguguuguagCcu....................................  1     1     seq
..........................................................aauacccccguguuguaggcG....................................  146   1     seq
..........................................................aauGccccguguuguaggcu.....................................  2     1     seq
..........................................................aauacccUguguuguaggcu.....................................  1     1     seq
..........................................................aauacccccguguuguaggcu....................................  815   0     seq
..........................................................Gauacccccguguuguaggcu....................................  6     1     seq
..........................................................aauacccccguguuguaggcA....................................  343   1     seq
..........................................................aCuacccccguguuguaggcu....................................  3     1     seq
..........................................................Cauacccccguguuguaggcu....................................  8     1     seq
..........................................................aaAaccccguguuguaggcu.....................................  1     1     seq
..........................................................aauacccgGuuguaggcu.......................................  1     1     seq
..........................................................aauacccccguguuUuaggcu....................................  1     1     seq
..........................................................Uauacccccguguuguaggcu....................................  2     1     seq
..........................................................aUuacccccguguuguaggcu....................................  1     1     seq
..........................................................aauacccccguguuCaggcu.....................................  3     1     seq
..........................................................aauacccccguguuguaggUu....................................  3     1     seq
..........................................................aaCaccccguguuguaggcu.....................................  14    1     seq
..........................................................aauacccccguguuguagUcu....................................  1     1     seq
..........................................................aauaccccUuguuguaggcu.....................................  1     1     seq
..........................................................aauacccccguguuUggcu......................................  1     1     seq
..........................................................aauacccccguguuAuaggcu....................................  2     1     seq
..........................................................aauacccccguguCguaggcu....................................  1     1     seq
cgaaguuaagcccugucgggcggguuaguacuugggaugggugaccgccaauacccccgCguuguaggcu....cauuuuuugucuugcgaacauuucuaaacguuu        3     1     seq
..........................................................aauacccccguUuuguaggcu....................................  1     1     seq
```

Star   **Mature**

cgaaguuaagcccugucgggcgggguuaguacuugggaugggugaccgccugggaauaccccguguuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu

....aauaccUcguguuguaggcu.................................	4	1	seq
....aauacccCguguuguaggcC.................................	189	1	seq
....aauacccCguguuguaggAu.................................	17	1	seq
....aauacccCguguuguaggcuC................................	369	1	seq
....aauaccCUguguuguaggcuu................................	2	1	seq
....aauaccccUuguguuguaggcuu...............................	1	1	seq
....aauaUcccguguuguaggcuu................................	1	1	seq
....aauaccccguguugAaggcuu................................	2	1	seq
....aauaccccgAguuguaggcuu................................	1	1	seq
....aauaccccguguuguaggcGu................................	65	1	seq
....Cauaccccguguuguaggcuu................................	11	1	seq
....aaCaccccguguuguaggcuu................................	17	1	seq
....Gauaccccguguuguaggcuu................................	10	1	seq
....aauaccccguguuguagAcuu................................	3	1	seq
....aauaccccguguuguaggUuu................................	1	1	seq
....aauaccccguguuguaggcuu................................	1689	0	seq
....aauaccccguguuUuaggcuu................................	1	1	seq
....aauaccccguguuguaggcAu................................	31	1	seq
....aauaccccguguuguaggcuG................................	86	1	seq
....aauaccccguguuguaCgcuu................................	1	1	seq
....aauaccccguguuguaggAuu................................	3	1	seq
....aUuaccccguguuguaggcuu................................	2	1	seq
....aauaccccgugAuguaggcuu................................	1	1	seq
....aauaccccguguuguaggcCu................................	22	1	seq
....aauaccccguguugGaggcuu................................	2	1	seq
....aauaccccguguuguaggGuu................................	1	1	seq
....aauaccccguguCguaggcuu................................	9	1	seq
....aauaccccguguuguGggcuu................................	1	1	seq
....aauaccUcguguuguaggcuu................................	3	1	seq
....aauGccccguguuguaggcuu................................	5	1	seq
....aauaccccgGguuguaggcuu................................	2	1	seq
....aCuaccccguguuguaggcuu................................	3	1	seq
....aauaccccgCguuguaggcuu................................	3	1	seq
....aauaccccgugCguaggcuu.................................	4	1	seq
....aauaccccguAuuguaggcuu................................	2	1	seq
....aauaccccgugugCaggcuu.................................	4	1	seq
....aGuaccccguguuguaggcuu................................	16	1	seq
....aauacUccguguuguaggcuu................................	1	1	seq
....aauaccccguguuguaggcuA................................	397	1	seq
....aauaccccguguuguaggcuAc...............................	1	1	seq
....aauaccccguguuguaggcuGc...............................	1	1	seq
....aauaccccguguuguaggcuuU...............................	3	1	seq
....aauaccccguguuguaggcuuc...............................	44	0	seq
....aauaccccguguuguaggcuuA...............................	3	1	seq
....aauaccccguguuguaggcuuca..............................	4	0	seq
....aauaccccguguuguaggcuucauA............................	2	1	seq
....aauaccccguguuguaggcuucauu............................	2	0	seq
....aauaccccguguuguaggcuucaAuu...........................	1	1	seq
....aauaccccguguuguaggcuucaAuuuu.........................	1	1	seq
....auaccccguguuguaggA.................................	7	1	seq
....auaUcccguguuguaggc.................................	2	1	seq
....auaccccguguuguaggU.................................	6	1	seq
....auaccccguguuguaggc.................................	29	0	seq
....auaccccguguuAuaggc.................................	1	1	seq
....auaccccgugu Cguaggc.................................	1	1	seq
....auaccccguguuguaggG.................................	1	1	seq
....Cuaccccguguuguaggc.................................	1	1	seq
....Cuaccccguguuguaggcu................................	11	1	seq
....auaccccguguuguagAcu................................	1	1	seq
....auaccccguguuguaggcC................................	317	1	seq
....auaccccguguuguaggAu................................	32	1	seq
....auacUccguguuguaggcu................................	3	1	seq
....auaccccguguuguaggcG................................	148	1	seq
....auaccccguguuguaggcu................................	1001	0	seq
....Uuaccccguguuguaggcu................................	7	1	seq
....auaccCUguguuguaggcu................................	1	1	seq
....auaccccguguuguaAgcu................................	1	1	seq
....auaccccguguuguaggUu................................	2	1	seq
cgaaguuaagcccugucgggcgggguuaguacuugggaugggugaccgcc.auGccccguguuguaggcu................................	1	1	seq
....auaccccguguuguaggcA................................	450	1	seq

```
cgaaguuaagcccugucgggcgggguuaguacuugggaugggugaccgccugggaauaccccguguuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu
```

Sequence	Count		
...aAaccccguguuguaggcu...	1	1	seq
...auaccccguguuUuaggcu...	1	1	seq
...auaccccguguugCaggcu...	3	1	seq
...aCaccccguguuguaggcu...	1	1	seq
...auaccccguguCguaggcu...	3	1	seq
...auaccccguguuguCggcu...	1	1	seq
...auaccccgCguuguaggcu...	5	1	seq
...auaccccguguuguGggcu...	3	1	seq
...auaccccguAuuguaggcu...	1	1	seq
...Guaccccguguuguaggcu...	8	1	seq
...auaccccgugCguguaggcu...	2	1	seq
...auaUcccguguuguaggcu...	1	1	seq
...auaccUcguguuguaggcu...	1	1	seq
...auaccccAuguuguaggcuu...	2	1	seq
...auaAcccguguuguaggcuu...	2	1	seq
...auaccccguguuUuaggcuu...	1	1	seq
...Cuaccccguguuguaggcuu...	39	1	seq
...auaccccguAuuguaggcuu...	2	1	seq
...auaccccgGguuguaggcuu...	2	1	seq
...auaccGcguguuguaggcuu...	1	1	seq
...auaccccguguuguaggUuu...	2	1	seq
...auaccccguguuguaggcCu...	45	1	seq
...auaccccguguuguagAcuu...	2	1	seq
...aCaccccguguuguaggcuu...	20	1	seq
...auacUccguguuguaggcuu...	1	1	seq
...auaccccguguuGggcuu...	15	1	seq
...auaccUcguguuguaggcuu...	4	1	seq
...auaUcccguguuguaggcuu...	2	1	seq
...auaccccguguuguaggGuu...	1	1	seq
...auaccccguguuguaggAuu...	2	1	seq
...auaccccguguAguaggcuu...	2	1	seq
...auaccccguguuguaggcAu...	111	1	seq
...Guaccccguguuguaggcuu...	28	1	seq
...auaccccguUuuguaggcuu...	3	1	seq
...auaccccgCguuguaggcuu...	3	1	seq
...auaccccguguuguaggcGu...	150	1	seq
...aAaccccguguuguaggcuu...	2	1	seq
...auaccccguguugAaggcuu...	1	1	seq
...auCcccguguuguaggcuu...	3	1	seq
...auaccccguguuguUggcuu...	1	1	seq
...auaccccgAguuguaggcuu...	1	1	seq
...auaccccguguCguaggcuu...	22	1	seq
...auaccAcguguuguaggcuu...	1	1	seq
...auacccUguguuguaggcuu...	2	1	seq
...auaccccguguuguagUcuu...	2	1	seq
...auaccccguguuguaggcuG...	279	1	seq
...auaccccguguugGaggcuu...	1	1	seq
...auaccccguguuguaggcuu...	3804	0	seq
...auaccccguguuguaAgcuu...	4	1	seq
...auaccccguguugCaggcuu...	4	1	seq
...auGccccguguuguaggcuu...	10	1	seq
...auaccccguguuguaggcuA...	847	1	seq
...Uuaccccguguuguaggcuu...	13	1	seq
...auaccccgugCguaggcuu...	10	1	seq
...auaccccguguuguaUgcuu...	4	1	seq
...auaccccguguuguaggcuC...	844	1	seq
...auaccccgAguuguaggcuuc...	1	1	seq
...auaccccguguuguaggcuAc...	1	1	seq
...Guaccccguguuguaggcuuc...	1	1	seq
...auaccccguguuguaggcuuc...	28	0	seq
...auaccccguguuguagAcuuc...	1	1	seq
...auaccccguguuguaggcuuU...	10	1	seq
...auaccccguguCguaggcuuca...	1	1	seq
...auaccccguguuguaggcuuca...	10	0	seq
...auaccccguguuguaggcuucaAuu...	3	1	seq
...auaccccguguuguaggcuucaAuuu...	1	1	seq
...auaccccguguuguaggcuucaAuuuu...	3	1	seq
...auaccccguguuguaggcuucaAuuuuu...	2	1	seq
cgaaguuaagcccugucgggcgggguuaguacuugggaugggugaccgcc...uaccccguguuguGggc...	1	1	seq
...uaccccguguuguaggc...	3	0	seq

cgaaguuaagcccugucgggcgggguuaguacuugggaugggugaccgccugggaauaccccguguuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu

```
...........................................................uaccccgugCuguaggcu.....................................  2     1        seq
...........................................................Caccccguguuguaggcu.....................................  13    1        seq
...........................................................uaccccguguugCaggcu.....................................  2     1        seq
...........................................................uaccccguguugGaggcu.....................................  1     1        seq
...........................................................uaccccguguuguGggcu.....................................  4     1        seq
...........................................................uaccccguguuguaggcA.....................................  519   1        seq
...........................................................uaccccguguuguagCcu.....................................  1     1        seq
...........................................................uaccccguguCguaggcu.....................................  6     1        seq
...........................................................uaUcccguguuguaggcu.....................................  5     1        seq
...........................................................uaccccguguuguaggcG.....................................  171   1        seq
...........................................................uaAcccguguuguaggcu.....................................  1     1        seq
...........................................................uGccccguguuguaggcu.....................................  1     1        seq
...........................................................uaccccguguuAuaggcu.....................................  1     1        seq
...........................................................uaccccguguuguCggcuC.....................................  4     1        seq
...........................................................uaccccguguuguaggcu.....................................  1121  0        seq
...........................................................uaccccguguuguagAcu.....................................  4     1        seq
...........................................................uaccccguguuguaggUu.....................................  7     1        seq
...........................................................uacccUguguuguaggcu.....................................  1     1        seq
...........................................................uaccccguguuguaCgcu.....................................  1     1        seq
...........................................................uaccccgGuuguaggcu.....................................  1     1        seq
...........................................................uaccccguguuguaggAu.....................................  24    1        seq
...........................................................uaccccgugGuguaggcu.....................................  2     1        seq
...........................................................uaccccguguuguaggcC.....................................  249   1        seq
...........................................................uaccccguguuguaUgcu.....................................  1     1        seq
...........................................................uaccccguguuguagUcu.....................................  2     1        seq
...........................................................uaccccgCguuguaggcu.....................................  2     1        seq
...........................................................Aaccccguguuguaggcu.....................................  21    1        seq
...........................................................uaccccguguuguaAgcuu.....................................  2     1        seq
...........................................................uaccccgCguuguaggcuu.....................................  5     1        seq
...........................................................uaccccguguuguaggcuC.....................................  670   1        seq
...........................................................uaccccguguuguGggcuu.....................................  9     1        seq
...........................................................uaccccguguAguaggcuu.....................................  1     1        seq
...........................................................Aaccccguguuguaggcuu.....................................  81    1        seq
...........................................................uaGcccguguuguaggcuu.....................................  1     1        seq
...........................................................uaccccguguuguaggcuG.....................................  191   1        seq
...........................................................uaccccgugCuguaggcuu.....................................  7     1        seq
...........................................................uaccccguguuguaggAuu.....................................  1     1        seq
...........................................................uaccccgAguuguaggcuu.....................................  1     1        seq
...........................................................uaccccguguuguaggUuu.....................................  1     1        seq
...........................................................uUccccguguuguaggcuu.....................................  3     1        seq
...........................................................uaccccguguuguaggcGu.....................................  160   1        seq
...........................................................uaccccguguuguaCgcuu.....................................  1     1        seq
...........................................................Caccccguguuguaggcuu.....................................  55    1        seq
...........................................................uaccccguguuguaggcAu.....................................  96    1        seq
...........................................................uaccccguguuguaUgcuu.....................................  2     1        seq
...........................................................uaccccAuguuguaggcuu.....................................  3     1        seq
...........................................................uaccccguguuAuaggcuu.....................................  2     1        seq
...........................................................uacAccguguuguaggcuu.....................................  1     1        seq
...........................................................uaUcccguguuguaggcuu.....................................  2     1        seq
...........................................................uaccccguguCguaggcuu.....................................  17    1        seq
...........................................................uaccccUuguuguaggcuu.....................................  1     1        seq
...........................................................uaccccguguuguUggcuu.....................................  1     1        seq
...........................................................uaccccguguuguaggcCu.....................................  33    1        seq
...........................................................Gaccccguguuguaggcuu.....................................  1     1        seq
...........................................................uaccccgugGuguaggcuu.....................................  1     1        seq
...........................................................uCccccguguuguaggcuu.....................................  1     1        seq
...........................................................uaccccguguuguaggcuu.....................................  3351  0        seq
...........................................................uaccccgugugCaggcuu.....................................  16    1        seq
...........................................................uaccccguguGguaggcuu.....................................  2     1        seq
...........................................................uaccccguguuguagUcuu.....................................  2     1        seq
...........................................................uacccUguguuguaggcuu.....................................  5     1        seq
...........................................................uGccccguguuguaggcuu.....................................  5     1        seq
...........................................................uaccccguguuguagAcuu.....................................  5     1        seq
...........................................................uaAcccguguuguaggcuu.....................................  1     1        seq
...........................................................uaccccguguuguaggcuA.....................................  760   1        seq
...........................................................uaccUcguguuguaggcuu.....................................  3     1        seq
...........................................................uaccccguguuguaggcuuA.....................................  6     1        seq
...........................................................uaccccguguuguaggcuuAc.....................................  3     1        seq
cgaaguuaagcccugucgggcgggguuaguacuugggaugggugaccgcc...uaccccguguugCaggcuuc.....................................  1     1        seq
...........................................................Aaccccguguuguaggcuuc.....................................  3     1        seq
```

```
cgaaguuaagcccugucgggcgggguuaguacuugggaugggugaccgccugggaauaccccguguuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu

.........................................................uaUcccguguuguaggcuuc................................   1      1     seq
.........................................................uacccguguuguaggcuuc.................................   42     0     seq
.........................................................uacccguguuguaggcuuU.................................   20     1     seq
.........................................................uGcccguguuguaggcuuc.................................   1      1     seq
.........................................................uacccguguuguaggcuuca................................   6      0     seq
.........................................................uacccguguuguaggcuucG................................   2      1     seq
.........................................................uacccguguuguaggcuuUa...............................   2      1     seq
.........................................................uacccguguuguaggcuucaA...............................   2      1     seq
.........................................................uacccguguuguaggcuucauA..............................   1      1     seq
.........................................................uacccguguuguaggcuucaAuu.............................   1      1     seq
.........................................................uacccguguuguaggcuucaAuuu............................   3      1     seq
.........................................................uacccguguuguaggcuucaAuuuu...........................   6      1     seq
.........................................................uacccguguuguaggcuAcauuuuuugu.........................   1      1     seq
...............................................................accccguguuguaggcA..............................   3      1     seq
...............................................................accccguguuguaggcG..............................   5      1     seq
..............................................................aUcccguguuguaggcu..............................   1      1     seq
...............................................................accccguguuguaggcC..............................   13     1     seq
...............................................................accccguguuguGggcu..............................   1      1     seq
...............................................................accccguguuguaggcu..............................   65     0     seq
...............................................................accccguguuguaggAu..............................   4      1     seq
..............................................................aGcccguguuguaggcuu.............................   3      1     seq
..............................................................acAccguguuguaggcuu.............................   2      1     seq
...............................................................accccguguuguagAcuu.............................   7      1     seq
...............................................................accccguguuguaggcuu.............................   5501   0     seq
..............................................................aUcccguguuguaggcuu.............................   17     1     seq
...............................................................accccUguguuguaggcuu............................   4      1     seq
................................................................Ccccguguuguaggcuu............................   72     1     seq
...............................................................accccguguuguagUcuu.............................   1      1     seq
...............................................................accccguAuuguaggcuuU............................   1      1     seq
...............................................................accccguguuguaggGuu.............................   3      1     seq
...............................................................accccguguuguaggcAu.............................   159    1     seq
...............................................................accccguguuguGggcuu............................   21     1     seq
...............................................................accccguguuguaggcuC.............................   1022   1     seq
...............................................................accAcguguuguaggcuu.............................   2      1     seq
...............................................................accccguguuguUggcuu............................   2      1     seq
...............................................................accccgGguuguaggcuu.............................   1      1     seq
...............................................................accUcguguuguaggcuu.............................   7      1     seq
...............................................................accccguguuAuaggcuu.............................   3      1     seq
...............................................................accccgCguuguaggcuu.............................   20     1     seq
...............................................................accccguguuguaAgcuu.............................   1      1     seq
...............................................................accccguguuguUcggcuu...........................   2      1     seq
...............................................................accccguguuguaggcuG.............................   332    1     seq
...............................................................accccAuguuguaggcuu.............................   4      1     seq
...............................................................accccgugCuguaggcuu.............................   20     1     seq
................................................................Gccccguguuguaggcuu...........................   30     1     seq
...............................................................accccguguuguaggcCu.............................   50     1     seq
...............................................................accccguguugCaggcuu.............................   11     1     seq
..............................................................aAcccguguuguaggcuu.............................   53     1     seq
...............................................................Uccccguguuguaggcuu............................   17     1     seq
...............................................................accccgugCguaggcuu.............................   19     1     seq
...............................................................accccgugguuguaUgcuu............................   2      1     seq
...............................................................accccgugGguaggcuu.............................   1      1     seq
...............................................................accccguguuguaggcGu.............................   234    1     seq
...............................................................accccguguuguaggAuu.............................   8      1     seq
...............................................................accccguguUAguaggcuu...........................   2      1     seq
...............................................................accccguguuguaggUuu.............................   7      1     seq
...............................................................accccgugGguguaggcuu...........................   2      1     seq
...............................................................accccguguuguaggcuA.............................   1049   1     seq
................................................................Ccccguguuguaggcuuc...........................   3      1     seq
...............................................................accccUuguuguaggcuuc...........................   1      1     seq
...............................................................accccgugCguaggcuuc............................   2      1     seq
...............................................................accccguguuguaggcuCc...........................   2      1     seq
...............................................................accccguguuguaggcuuU...........................   12     1     seq
...............................................................accccguguuguaggcuuc...........................   63     0     seq
...............................................................accccguguuguaggcuAc...........................   1      1     seq
...............................................................accccguguuguaggcuuA...........................   9      1     seq
...............................................................accccguguuguaggcuucG..........................   1      1     seq
...............................................................accccguguuguaggcuuca.........................   25     0     seq
cgaaguuaagcccugucgggcgggguuaguacuugggaugggugaccgccugggaauaccccguguuguaggcuucU.........................   1      1     seq
...............................................................accccguguuguaggcuuUa.........................   2      1     seq
```

cgaaguuaagcccugucgggcgggguuaguacuugggaugggugaccgccugggaauaccccguguuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu

```
................................................accccguguuguaggcuucaAu.............................   1    1    seq
................................................accccguguuguaggcuucaAuu............................   9    1    seq
................................................accccguguuguaggcuucaAuuu...........................   7    1    seq
................................................accccguguuguaggcuucaAuuuu..........................   8    1    seq
................................................accccguguuguaggcuucaAuuuuu.........................   3    1    seq
................................................cccUguguuguaggcuu.................................   1    1    seq
................................................ccccguguuguaggcuA.................................  63    1    seq
................................................ccccguguuguaggcAu.................................  16    1    seq
................................................ccccguguuguaggcuu................................. 381    0    seq
................................................cAccguguuguaggcuu.................................   1    1    seq
................................................ccccgGguuguaggcuu.................................   1    1    seq
................................................ccccguguuguaggcuC.................................  65    1    seq
................................................ccccgugCguuaggcuu.................................   2    1    seq
................................................ccccguguuguaggcGu.................................  13    1    seq
................................................ccccguguuguaggcCu.................................   5    1    seq
................................................ccccguguuguagAcuu.................................   1    1    seq
................................................ccccguguGguaggcuu.................................   1    1    seq
................................................Ucccguguuguaggcuu.................................   5    1    seq
................................................Acccguguuguaggcuu.................................   3    1    seq
................................................ccUcguguuguaggcuu.................................   1    1    seq
................................................ccccgCguuguaggcuu.................................   1    1    seq
................................................ccccguAuuguaggcuu.................................   1    1    seq
................................................ccccguguuguaggcuG.................................  18    1    seq
................................................ccccguguugCaggcuuc................................   1    1    seq
................................................ccccguguuguaggcuuc................................ 460    0    seq
................................................ccccguguuguaggcuuA................................  52    1    seq
................................................Ucccguguuguaggcuuc................................   7    1    seq
................................................ccccguguuguaggcAuc................................   1    1    seq
................................................ccccguguuguagAcuuc................................   2    1    seq
................................................ccccguguuguaggcuuU................................  72    1    seq
................................................cAccguguuguaggcuuc................................   1    1    seq
................................................ccccguguuguaggcCuc................................   5    1    seq
................................................ccccguguuguaggcuAc................................   9    1    seq
................................................ccccguguuguaggcuCc................................   4    1    seq
................................................ccAcguguuguaggcuuc................................   1    1    seq
................................................ccccguguuguaAgcuuc................................   1    1    seq
................................................ccccguguuguaggcuuG................................   2    1    seq
................................................Acccguguuguaggcuuc................................   2    1    seq
................................................ccccAuguuguaggcuuc................................   1    1    seq
................................................ccccguguuguaggcuGc................................   2    1    seq
................................................ccccguguCguaggcuuc................................   3    1    seq
................................................ccccguguuguaggcuuca...............................  73    0    seq
................................................ccccguguCguaggcuuca...............................   2    1    seq
................................................ccccguguuguGggcuuca...............................   1    1    seq
................................................ccccguguuguaggcuuAa...............................   3    1    seq
................................................ccccguguuguaggcuuUa...............................   8    1    seq
................................................ccccgugCguaggcuuca................................   1    1    seq
................................................cccUguguuguaggcuuca...............................   1    1    seq
................................................ccccguguuguaggcuucG...............................   7    1    seq
................................................ccccguguuguaggcuCca...............................   2    1    seq
................................................ccccguguuguagUcuuca...............................   3    1    seq
................................................ccccguguuguaggcuucau..............................   1    0    seq
................................................ccccguguuguaggcuucaA..............................   6    1    seq
................................................cAccguguuguaggcuucau..............................   1    1    seq
................................................ccccguguuguaggcuucauu.............................   1    0    seq
................................................ccccguguuguaggcuucaAu.............................   9    1    seq
................................................ccccguguuguaggcuuUauu.............................   2    1    seq
................................................ccccguguuguaggcuucauA.............................   6    1    seq
................................................ccccguguuguaggcuucaGu.............................   1    1    seq
................................................ccccguguuguaggcuucauAu............................   2    1    seq
................................................ccccguguuguaggcuucaAuu............................  55    1    seq
................................................ccccguguuguaggcuucaAuuu...........................  64    1    seq
................................................ccccguguuguaggcuucaAuuuu..........................  58    1    seq
................................................ccccguguuguaggcuucaAuuuuu.........................  29    1    seq
................................................cccgCguuguaggcuuc.................................   1    1    seq
................................................cccguguuguaggcuuc.................................  11    0    seq
................................................cccguguuguaggcuuA.................................   1    1    seq
................................................cccguguuguaggcuuU.................................   1    1    seq
cgaaguuaagcccugucgggcgggguuaguacuugggaugggugaccgcc.Uccguguuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu         1    1    seq
................................................ccccguguuguaggcuucG...............................   3    1    seq
```

cgaaguuaagcccugucgggcgggguuaguacuugggauggguggaccgccugggaauaccccguguuguaggcuucauuuuuugucuugcgaacauuucuaaacguuu

Sequence	Count	Flag	Label
....cccguuguaggcuuAa.................................	2	1	seq
....cccguuguaggcuucC.................................	1	1	seq
....cccguuguaggcuuUa.................................	2	1	seq
....cccgCguuguaggcuuca................................	1	1	seq
....cccguuguaggcuucU.................................	1	1	seq
....cccguuguaggcuuca.................................	23	0	seq
....cccguuugCaggcuuca................................	2	1	seq
....cccguuguaggcuucaA................................	3	1	seq
....cccguuguaggcuucaAu...............................	2	1	seq
....cccguuguaggcuucauA...............................	2	1	seq
....cccguuguaggcuucaAuu..............................	14	1	seq
....cccguuguaggcuucaAuuu.............................	23	1	seq
....cccguuguaggcuucaAuuuu............................	20	1	seq
....cccguuguaggcuucaAuuuuu...........................	8	1	seq
....ccguuguaggcuuca................................	2	0	seq
....ccguuguaggcuuUau..............................	1	1	seq
....ccguuguaggcuucaA...............................	8	1	seq
....ccguuguaggcuucau...............................	2	0	seq
....ccguuguaggcuucaAu..............................	4	1	seq
....ccguuguaggcuucauG..............................	1	1	seq
....ccguuguaggcuucauu..............................	1	0	seq
....ccguuguaggcuucaAuu.............................	47	1	seq
....ccguuguaggcuucauAu.............................	1	1	seq
....ccguuguaggcuucaAuuu............................	54	1	seq
....ccguuguaggcuucaAuuuu...........................	40	1	seq
....ccguuguaggcuucaAuuuuu..........................	21	1	seq
....cguuguaggcuucauA..............................	3	1	seq
....cguuguaggcuucaAu..............................	4	1	seq
....cguuguaggcuucaAuu.............................	22	1	seq
....cguuguaggcuucaAuuu............................	65	1	seq
....cguuguaggcuucaAuuuu...........................	72	1	seq
....cguuguaggcuucaAuuuuu..........................	41	1	seq
....guuguaggcuucaAu..............................	2	1	seq
....guuguaggcuucaAuu.............................	10	1	seq
....guuguaggcuucaAuuu............................	14	1	seq
....guuguaggcuucaGuuu............................	1	1	seq
....guuguaggcuucaAuuuu...........................	24	1	seq
....guuguaggcuucaAuuuuu..........................	8	1	seq
....uuguaggcuucaAuuu............................	1	1	seq
....uuguaggcuucaAuuuu...........................	2	1	seq
....uuguaggcuucaAuuuuu..........................	1	1	seq
....uuguaggcuucaAuuuu..........................	3	1	seq
....guuguaggcuucaAuuuuu........................	3	1	seq
....uuuuuugucuugcgaacauCucuaaacgu..	2	1	seq
....uugucuugcgaacauCucuaaacguuu	1	1	seq