

The diagram illustrates a complex RNA secondary structure. It features several stems (base-paired regions) and loops (unpaired regions). The sequence is color-coded: red for the top strand, blue for the bottom strand, and green for the loops. The structure includes a large internal loop on the right side and several smaller loops and bulges throughout the sequence. The 5' and 3' ends are labeled on the left.

[illegible]

## Mature

## Star

aauguaacuaaaucugguuc	cuaaguaacuagugccgcaggaguguuuuauguaucuccugcugcuuaagugcuuaucaauagauuuagagauucgucuuuaaagaagaaa			
.....cuaaguaacuagugccgcagg	.....	11	0	B12
.....cuaaguaacuagugccgcagU	.....	1	1	B12
.....cuaaguaacuagugccgcAUga	.....	1	1	B12
.....cuaaguaacuagugccgcaggA	.....	81	0	B12
.....cuaaguaacuagugccgcaggAU	.....	9	1	B12
.....cuaaguaacuagugccgcaggUg	.....	1	1	B12
.....cuaaguaacuagugccAcaggag	.....	1	1	B12
.....cuaaguaCagugccgcaggag	.....	1	1	B12
.....cuaaguaacuagugccGcaggag	.....	1	1	B12
.....cuaaguaacuagugccgcGggag	.....	1	1	B12
.....cuaaguaacuagugccgcaggag	.....	474	0	B12
.....cuaaguaacuagugccAgcaggag	.....	1	1	B12
.....cuaaguaacuagugccgcaggAC	.....	8	1	B12
.....cuaaguaacuagugccgAaggag	.....	2	1	B12
.....cuaaCuacuagugccgcaggag	.....	1	1	B12
.....cuGaguaacuagugccgcaggag	.....	1	1	B12
.....cuaaguaacuagugccgcaggagu	.....	13	0	B12
.....cuaaguaacuagugccgcaggAUu	.....	1	1	B12
.....cuaaguaacuagugccgcaggagA	.....	3	1	B12
.....cuaaguaacuagugccgcaggACu	.....	2	1	B12
.....cuaaguaacuagugccgcaggaguU	.....	1	1	B12
.....uaaguaacuagugccgcaggA	.....	1	0	B12
.....uaaguaacuagugccgcaggag	.....	5	0	B12
.....uaaguaacuagugccgcaggAC	.....	2	1	B12
.....ccugcugcuuaagugcuuaucc	.....	1	0	B12
.....Gcuaaguaacuagugccgcaggag	.....	2	1	E02
.....cuaaguaacuagugccgcagg	.....	20	0	E02
.....cuaaguaacuagugccgAagg	.....	1	1	E02
.....cuaaguaacuagugccgcaggA	.....	123	0	E02
.....cuaaguaAuaugugccgcaggA	.....	1	1	E02
.....cuaaguaacuagugccgcagUag	.....	1	1	E02
.....cuaaguaacuagugccgcUaggag	.....	1	1	E02
.....cuaaguaacuagugccgcAUgag	.....	1	1	E02
.....cuaaguaGuagugccgcaggag	.....	1	1	E02
.....cuaaguaacuagugccgcaggUg	.....	1	1	E02
.....Auaaguaacuagugccgcaggag	.....	1	1	E02
.....cuaaguaacuagugccgcaggAU	.....	23	1	E02
.....cuaaguaacuagugccgAaggag	.....	2	1	E02
.....cuaagucCuagugccgcaggag	.....	1	1	E02
.....cuaaUuacuagugccgcaggag	.....	1	1	E02
.....cuaaguaacuagugccgcaggag	.....	838	0	E02
.....cuaaguaacuagugccgcaggag	.....	1	1	E02
.....cuaaguaacuagugccAgcaggag	.....	1	1	E02
.....cuaaguaAuaugugccgcaggag	.....	1	1	E02
.....cuaaguaUuaugugccgcaggag	.....	1	1	E02
.....cuUaguaacuagugccgcaggag	.....	1	1	E02
.....cuaaguaacuagugccgcagAag	.....	1	1	E02
.....cuaaguaacuagugccgcaggAC	.....	9	1	E02
.....cuaaguaacuagugccgcaggAa	.....	3	1	E02
.....cuaaguaacuagugccgcaggACu	.....	4	1	E02
.....cuaaguaacuagugccgcaggagu	.....	5	0	E02
.....cuaaguaacuagugccgcaggagA	.....	6	1	E02
.....cuaaguaacuagugccgcaggAUu	.....	2	1	E02
.....cuaaguaacuagugccgcaggaguU	.....	2	1	E02
.....cuaaguaacuagugccgcaggaguguuuuau	.....	1	0	E02
.....uaaguaacuagugccgcaggA	.....	2	0	E02
.....uaaguaacuagugccgcaggag	.....	16	0	E02
.....uaaguaacuagugccgcaggagu	.....	2	0	E02
.....aaguaacuagugccgcaggag	.....	1	0	E02
.....aguacuagugccgcaggag	.....	1	0	E02
.....ccugcugcuuaagugcuuauca	.....	2	0	E02
.....cuaaguaacuagugccgcA	.....	1	0	E73
.....cuaaguaacuagugccgcag	.....	8	0	E73
.....cuaaguaacuagugccgcagA	.....	2	1	E73
.....cuaaguaacuagugccgcagU	.....	2	1	E73
.....cuaaguaacuagugccgcagC	.....	1	1	E73
.....cuaaguaacuagugccgcagg	.....	36	0	E73
.....cuaaguaacuagugccgcaggC	.....	2	1	E73

## Mature

## Star

aauguaacuaaaucugguucuaaaguacuagugccgcaggaguguuuuauguaucuccugcugcuaaagugcuuaucaauagauuuagagauucgucuuuaaaagaagaaa

.....cuaaguacuagucCccgcaggga.....	1	1	E73
.....cuaaguacuagugccgcaggga.....	305	0	E73
.....cuaaguacuagugccgcAga.....	1	1	E73
.....cuaaguacuagugccUcaggga.....	1	1	E73
.....cuaaguacuagugccgcaggU.....	5	1	E73
.....cuaaguacuagugccgcaggAa.....	1	1	E73
.....cuaaguacuagugccgcaggGg.....	2	1	E73
.....cuaaguacuagucCccgcaggag.....	1	1	E73
.....cuaaguacuagugccgcagggaA.....	3	1	E73
.....cuaaguCcuagugccgcaggag.....	1	1	E73
.....cuaaCuacuagugccgcaggag.....	1	1	E73
.....cuagGuacuagugccgcaggag.....	1	1	E73
.....cuaaguacuagugccgcagggaU.....	70	1	E73
.....cuaaguacuagugcAgcaggag.....	2	1	E73
.....Auaaguacuagugccgcaggag.....	1	1	E73
.....cuaaguacuagugAcgaggag.....	1	1	E73
.....cuaaguacuagugccgcAcgag.....	1	1	E73
.....cuaaGuacuagugccUcaggag.....	1	1	E73
.....cuaaAuaacuagugccgcaggag.....	2	1	E73
.....cuaaguGcuagugccgcaggag.....	1	1	E73
.....cuaaguacuagucUccgcaggag.....	1	1	E73
.....cuaaguAaacuagugccgcaggag.....	1	1	E73
.....cuaaguacuagugccgcAagag.....	4	1	E73
.....cuGaguacuagugccgcaggag.....	1	1	E73
.....cuaaguacuagugccgcaggag.....	2	1	E73
.....cuaaguacuagugccgcaggCg.....	3	1	E73
.....cuaaguacuagugcGgcaggag.....	2	1	E73
.....cuaaguacuagugccgcagUag.....	1	1	E73
.....cuaagCacuagugccgcaggag.....	1	1	E73
.....cuCaguacuagugccgcaggag.....	2	1	E73
.....cuaaguacuagugcUgcaggag.....	2	1	E73
.....cuaaguacuagugccgcagggaC.....	24	1	E73
.....cuaaguacuagugccgcaggag.....	1960	0	E73
.....cuaaguacuagugccgcUaggag.....	3	1	E73
.....cuaaguacuagugccgcAaggag.....	1	1	E73
.....Uuaaguacuagugccgcaggag.....	1	1	E73
.....cuaaguacuagugccgcUgag.....	3	1	E73
.....cuaaguGcuagugccgcaggaggu.....	1	1	E73
.....cuaaguacuagugccgcaggagC.....	3	1	E73
.....cuaaguacuagugccgcagggaUu.....	4	1	E73
.....cuaaguacuagugccgcagggaCu.....	4	1	E73
.....cuaaguacuagugccgcaggaggu.....	54	0	E73
.....cuaaguacuagugccgcagggaA.....	57	1	E73
.....cuaaguacuagugccgcaggagguU.....	1	1	E73
.....cuaaguacuagugccgcaggagguAuu.....	1	1	E73
.....cuaaguacuagugccgcaggaguguuu.....	1	0	E73
.....uaaguacuagugccgcaggga.....	3	0	E73
.....uaaguacuagugccgcaggAag.....	1	1	E73
.....uaaguacuagugccgcaggag.....	42	0	E73
.....uaaguacuagugccgcaggaggu.....	1	0	E73
.....ccugcugcuuaagugcuua.....	1	0	E73
.....ccugcugcuuaagugcuuauc.....	1	0	E73
.....ccugcugcuuaagugcuuauca.....	2	0	E73
.....ugcugcuuaagugcuuauca.....	2	0	E73
.....uuccuaaguacuagugccgcga.....	1	0	E72
.....ccuaaguacuagugccgcaggag.....	2	0	E72
.....cuaaguacuagugccgcag.....	8	0	E72
.....cuaaguacuagugccgcagg.....	47	0	E72
.....cuaaguacuagugccgcagU.....	2	1	E72
.....cuaaguacuagugccgcaggC.....	3	1	E72
.....cuaaguacuUugccgcaggga.....	1	1	E72
.....cuaaguacuagugccgcaggga.....	618	0	E72
.....cuaaguacuagugccgcAaggga.....	1	1	E72
.....cuaaguacuagugccgcAcgga.....	1	1	E72
.....cuaaguacuagugcUgcaggga.....	1	1	E72
.....cuaaguacuUgugccgcaggga.....	1	1	E72
.....cuaaguacuagugccgcaggga.....	2	1	E72
.....cuaaguUcuagugccgcaggga.....	1	1	E72
.....cuaaguacuagugccgcagggu.....	3	1	E72

## Mature

## Star

aauguaacuaaaucugguuc	cuaagucuaagugccgcaggaguguuuauguaucuccugcugcuaaagugcuuaucaauagauuuagagauucgucuuuaaaagaagaaa			
.....cuaagucuaagugccgUaggA.....	.....	2	1	E72
.....cuaagucuaagugccgcaggG.....	.....	1	1	E72
.....cuaagucuaagugccgcagUa.....	.....	1	1	E72
.....cuaGguacuaagugccgcaggA.....	.....	1	1	E72
.....cuaagucuaagugccgcagCa.....	.....	1	1	E72
.....cuGaguacuaagugccgcaggA.....	.....	1	1	E72
.....cuaaguCcuagugccgcaggA.....	.....	1	1	E72
.....cuGaguacuagugccgcaggag.....	.....	6	1	E72
.....cuaaguaAuagugccgcaggag.....	.....	2	1	E72
.....cuaaguacuagugccgGaggag.....	.....	9	1	E72
.....cuaaguacCagugccgcaggag.....	.....	1	1	E72
.....cuaagCaCuagugccgcaggag.....	.....	2	1	E72
.....cuaaguacuagAggccgcaggag.....	.....	1	1	E72
.....cuaaguacuagugccgcaggGg.....	.....	1	1	E72
.....cuaaguacuagugccgcaUgag.....	.....	10	1	E72
.....cuaaguacuagugcAgcaggag.....	.....	1	1	E72
.....cuaaguacuagugccgcCaCgag.....	.....	2	1	E72
.....Auaaguacuagugccgcaggag.....	.....	1	1	E72
.....cuaaguGcuagugccgcaggag.....	.....	2	1	E72
.....cuaaguacuagugccgcaggA.....	.....	17	1	E72
.....cuaaguacuagugccgcagUag.....	.....	3	1	E72
.....cuCaguacuagugccgcaggag.....	.....	1	1	E72
.....cuaaguacuagugccgcaggAU.....	.....	161	1	E72
.....cuaaguacuauUugccgcaggag.....	.....	1	1	E72
.....cuaaguacuagugccgcaggCg.....	.....	2	1	E72
.....cuaaguacuagugAgccgcaggag.....	.....	3	1	E72
.....cuaaguacuagugccCaggag.....	.....	1	1	E72
.....cuaaguacuagugccgUaggag.....	.....	6	1	E72
.....cuaaguacuagugccgAgaggag.....	.....	14	1	E72
.....cuaaguacuagugGcgaggag.....	.....	1	1	E72
.....cuaaguacuagugccgcagCag.....	.....	2	1	E72
.....cuaaguacuagugccUcaggag.....	.....	1	1	E72
.....cuaaguacuagCgcccgcaggag.....	.....	2	1	E72
.....cuaaguacuagugccgcaggA.....	.....	9	1	E72
.....cuaagGacuagugccgcaggag.....	.....	1	1	E72
.....cuaaguacuagugccgcaggag.....	.....	3662	0	E72
.....cuaaguacuagugccgcagAag.....	.....	2	1	E72
.....cuaaguacuaguUccgcaggag.....	.....	1	1	E72
.....cuaaguacuagugccgcaggUg.....	.....	1	1	E72
.....cuaaguacuagugUcgaggag.....	.....	1	1	E72
.....cuaaguacuagugcUgcaggag.....	.....	1	1	E72
.....cuaaUuacuagugccgcaggag.....	.....	1	1	E72
.....cuaaguacuagugccgcaggagu.....	.....	40	0	E72
.....cuaaguacuagugccgGaggagu.....	.....	1	1	E72
.....cuaaguacuagugccgcaggACu.....	.....	3	1	E72
.....cuaaguacuagugccgcaggagA.....	.....	72	1	E72
.....cuaaguacuagugccgcaggAUu.....	.....	7	1	E72
.....cuaaguacuagugccgcaggagC.....	.....	5	1	E72
.....cuaaguacuagugccgcaggagug.....	.....	1	0	E72
.....cuaaguacuagugccgcaggaguU.....	.....	2	1	E72
.....cuaaguacuagugccgcaggaguC.....	.....	1	1	E72
.....cuaaguacuagugccgcaggaguAuu.....	.....	3	1	E72
.....uaaguacuagugccgcaggA.....	.....	4	0	E72
.....uaaguacuagugccgcCaCgag.....	.....	1	1	E72
.....uaaguacuagugccgcaggAU.....	.....	1	1	E72
.....uaaguacuagugccgcaggag.....	.....	79	0	E72
.....uaaguacuagugccgcCggag.....	.....	1	1	E72
.....uaaguacuagugccgcaAgag.....	.....	1	1	E72
.....uaaguacuagugccgcaggagA.....	.....	1	1	E72
.....uaaguacuagugccgcaggagu.....	.....	1	0	E72
.....aaguacuagugccgcaggA.....	.....	1	0	E72
.....aaguacuagugccgcaggag.....	.....	1	0	E72
.....aguacuagugccgcaggag.....	.....	1	0	E72
.....uauccugcugcuaaagugcuuauca.....	.....	1	0	E72
.....uccugcugcuaaagugcuuauca.....	.....	1	0	E72
.....ccugcugcuaaagugcuuauca.....	.....	1	0	E72
.....ccugcugcuaaagugcuuauca.....	.....	3	0	E72
.....cuaaguacuagugccgcU.....	.....	1	1	A13
.....cuaaguacuagugccgcag.....	.....	2	0	A13

## Mature

## Star

aauguaacuaaaucugguuc	cuaagua <u>cu</u> agugccg <u>caggag</u> uguuu <u>ua</u> uguauc	ccugcugc <u>uu</u> aagugcu <u>ua</u> ca <u>aa</u> agauuuagagauucgucuuuaaa <u>ga</u> agaaa			
.....	.....cuaag <u>ua</u> cuagugccg <u>cagg</u> .....	.....	32	0	A13
.....	.....cuGag <u>ua</u> cuagugccg <u>cagg</u> a.....	.....	1	1	A13
.....	.....cuaag <u>ua</u> cuag <u>u</u> Uccg <u>cagg</u> a.....	.....	1	1	A13
.....	.....cuaag <u>ua</u> cuagugccg <u>ca</u> Ug <u>a</u> .....	.....	1	1	A13
.....	.....cuaag <u>ua</u> cuagugccgGag <u>ga</u> .....	.....	1	1	A13
.....	.....cuaag <u>ua</u> cuagugccg <u>cagg</u> a.....	.....	83	0	A13
.....	.....cuaag <u>ua</u> cuag <u>u</u> Accg <u>cagg</u> a.....	.....	1	1	A13
.....	.....cuaag <u>ua</u> cuagugccg <u>cagg</u> U.....	.....	1	1	A13
.....	.....cuaag <u>ua</u> cuagugccg <u>cagg</u> ag.....	.....	446	0	A13
.....	.....cuaag <u>ua</u> cuagugccgAag <u>gag</u> .....	.....	4	1	A13
.....	.....cuaag <u>ua</u> cuagugccUcag <u>gag</u> .....	.....	2	1	A13
.....	.....cuaag <u>ua</u> cuagugccg <u>cagg</u> aC.....	.....	6	1	A13
.....	.....cuaag <u>ua</u> cuagugccgUag <u>gag</u> .....	.....	1	1	A13
.....	.....cuaag <u>ua</u> cuagugccg <u>cagg</u> aU.....	.....	13	1	A13
.....	.....cuaag <u>ua</u> cuagugccg <u>cagg</u> aUu.....	.....	1	1	A13
.....	.....cuaag <u>ua</u> cuagugccg <u>cagg</u> agu.....	.....	12	0	A13
.....	.....cuaag <u>ua</u> cuagugccg <u>cagg</u> agA.....	.....	8	1	A13
.....	.....cuaag <u>ua</u> cuagugccg <u>cagg</u> aguU.....	.....	1	1	A13
.....	.....cuaag <u>ua</u> cuagugccg <u>cagg</u> agug.....	.....	1	0	A13
.....	.....cuaag <u>ua</u> cuagugccg <u>cagg</u> aguguu.....	.....	3	0	A13
.....	..... <u>ua</u> ag <u>ua</u> cuagugccg <u>cagg</u> a.....	.....	1	0	A13
.....	..... <u>ua</u> ag <u>ua</u> cuagugccg <u>cagg</u> ag.....	.....	4	0	A13
.....	.....ccugcugc <u>uu</u> aagugcu <u>ua</u> uC.....	.....	1	1	A13
.....	.....ccugcugc <u>uu</u> aagugcu <u>ua</u> uca.....	.....	3	0	A13
.....	.....cuaag <u>ua</u> cuagugccg <u>cag</u> .....	.....	17	0	E74
.....	.....cuCag <u>ua</u> cuagugccg <u>cagg</u> .....	.....	1	1	E74
.....	.....cuaag <u>ua</u> cuagugccg <u>cagg</u> .....	.....	69	0	E74
.....	.....cuaag <u>ua</u> cuagugccg <u>cag</u> U.....	.....	4	1	E74
.....	.....cuaag <u>ua</u> cuagugccg <u>cagg</u> a.....	.....	435	0	E74
.....	.....cCaag <u>ua</u> cuagugccg <u>cagg</u> a.....	.....	1	1	E74
.....	.....cuaag <u>ua</u> cuagugccg <u>ca</u> A <u>ga</u> .....	.....	1	1	E74
.....	.....cuaag <u>ua</u> cuagugccg <u>cagg</u> U.....	.....	10	1	E74
.....	.....cuaag <u>ua</u> cuagugcA <u>gcagg</u> a.....	.....	1	1	E74
.....	.....cuaG <u>ua</u> cuagugccg <u>cagg</u> a.....	.....	1	1	E74
.....	.....cuaag <u>ua</u> cuagugcG <u>gcagg</u> a.....	.....	1	1	E74
.....	.....cu <u>aa</u> A <u>ua</u> cuagugccg <u>cagg</u> a.....	.....	1	1	E74
.....	.....cuaag <u>ua</u> cuagugccg <u>cagg</u> C.....	.....	5	1	E74
.....	.....cu <u>aa</u> C <u>ua</u> cuagugccg <u>cagg</u> ag.....	.....	2	1	E74
.....	.....cuaag <u>ua</u> cuagugccg <u>cagg</u> ag.....	.....	2566	0	E74
.....	.....cuaag <u>ua</u> cuagugcA <u>gcagg</u> ag.....	.....	1	1	E74
.....	.....cu <u>aa</u> U <u>ua</u> cuagugccg <u>cagg</u> ag.....	.....	1	1	E74
.....	.....cuaagC <u>ac</u> uagugccg <u>cagg</u> ag.....	.....	1	1	E74
.....	.....cuaag <u>ua</u> cuagGg <u>ccgcagg</u> ag.....	.....	1	1	E74
.....	.....cuaag <u>ua</u> G <u>ua</u> gugccg <u>cagg</u> ag.....	.....	1	1	E74
.....	.....cuaag <u>ua</u> cuagugccg <u>cagg</u> aC.....	.....	38	1	E74
.....	.....cuaagA <u>ac</u> uagugccg <u>cagg</u> ag.....	.....	1	1	E74
.....	.....cuaag <u>ua</u> cuagugccg <u>ca</u> Cgag.....	.....	5	1	E74
.....	.....cuaag <u>ua</u> cuag <u>u</u> Uccg <u>cagg</u> ag.....	.....	3	1	E74
.....	.....cuaag <u>ua</u> cuagugcUg <u>cagg</u> ag.....	.....	2	1	E74
.....	.....cu <u>a</u> Cg <u>ua</u> cuagugccg <u>cagg</u> ag.....	.....	1	1	E74
.....	.....cuaag <u>u</u> G <u>ua</u> gugccg <u>cagg</u> ag.....	.....	1	1	E74
.....	.....cuaag <u>ua</u> cuagugA <u>gcagg</u> ag.....	.....	1	1	E74
.....	.....cuaag <u>ua</u> cuagugccgUg <u>gag</u> .....	.....	1	1	E74
.....	.....cuCag <u>ua</u> cuagugccg <u>cagg</u> ag.....	.....	2	1	E74
.....	.....cuaag <u>ua</u> cuagugccg <u>ca</u> Ugag.....	.....	5	1	E74
.....	.....cuaG <u>ua</u> cuagugccg <u>cagg</u> ag.....	.....	1	1	E74
.....	.....cuaag <u>ua</u> cuagugccg <u>cagg</u> Cg.....	.....	2	1	E74
.....	.....cuaag <u>ua</u> A <u>ua</u> gugccg <u>cagg</u> ag.....	.....	1	1	E74
.....	.....cuaag <u>ua</u> cuagugccUcag <u>gag</u> .....	.....	3	1	E74
.....	.....cuaag <u>ua</u> cuagugccg <u>cagg</u> aA.....	.....	8	1	E74
.....	.....cuaag <u>ua</u> cuagugccg <u>cag</u> Uag.....	.....	1	1	E74
.....	.....cuaag <u>ua</u> Cagugccg <u>cagg</u> ag.....	.....	1	1	E74
.....	.....cuaag <u>ua</u> cuagugccgAag <u>gag</u> .....	.....	3	1	E74
.....	.....cuaag <u>ua</u> cuagugccgUag <u>gag</u> .....	.....	2	1	E74
.....	.....cuaag <u>ua</u> cuagugccg <u>cagg</u> aU.....	.....	100	1	E74
.....	.....cu <u>aa</u> A <u>ua</u> cuagugccg <u>cagg</u> ag.....	.....	3	1	E74
.....	.....cuaag <u>ua</u> cuagA <u>gcgcagg</u> ag.....	.....	1	1	E74
.....	.....cuGag <u>ua</u> cuagugccg <u>cagg</u> ag.....	.....	2	1	E74
.....	.....cGaag <u>ua</u> cuagugccg <u>cagg</u> ag.....	.....	1	1	E74

## Mature

## Star

aauguaacuaaaucuggguccuaaguuacuaaguccgagaguuuuuauguaucuccugcugcuuaagugcuuaucaauagauuuagagauucgucuuuaaaagaagaaa

.....cuaaguuacuaaguccgGaggag.....	1	1	E74
.....cuaaguuacuaaguccgaggaUu.....	5	1	E74
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.....cuaaguuacuaaguccgagCgu.....	1	1	E74
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.....cuaaguuacuaaguccgaggaA.....	80	1	E74
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.....cuaaguuacuaaguccgaggaUu.....	2	1	E74
.....cuaaguuacuaaguccgaggaAu.....	1	1	E74
.....cuaaguuacuaaguccgaggaUuu.....	1	0	E74
.....cuaaguuacuaaguccgaggaUuu.....	2	1	E74
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.....uaUguuacuaaguccgagga.....	1	1	E74
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.....uaaguuacuaaguccgaggaA.....	1	1	E74
.....aguacuaaguccgagga.....	2	0	E74
.....ccugcugcuuaagugcuuauca.....	1	0	E74
.....cugcugcuuaagugcuuauca.....	1	0	E74
.....cuaaguuacuaaguccgag.....	2	0	A62
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.....cuaaguuacuaaguccgagga.....	259	0	A62
.....cuaaguuacuaaguccgaggaU.....	20	1	A62
.....cuaaguuacuaaguccgaggaC.....	4	1	A62
.....cuaaguuacuaaguccgagCg.....	1	1	A62
.....cuaaguuacuaaguccgagga.....	1	1	A62
.....cuaaguuacuaaguccgagga.....	1	1	A62
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.....Uuaaguuacuaaguccgagga.....	1	1	A62
.....cuaaguuacuaaguccgaggaA.....	2	1	A62
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.....cuaaguuacuaaguccgaggaA.....	3	1	A62
.....cuaaguuacuaaguccgaggaUu.....	1	1	A62
.....cuaaguuacuaaguccgaggaCu.....	1	1	A62
.....cuaaguuacuaaguccgaggaU.....	3	0	A62
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.....cuaaguuacuaaguccgaggaU.....	1	0	A62
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.....cuaaguuacuaaguccgagga.....	1	1	E01
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## Mature

## Star

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.....cuaagua <u>cu</u> agugccgcaggac.....	5	1	E01
.....cuaagua <u>U</u> agugccgcaggag.....	2	1	E01
.....cuaagua <u>cu</u> agugAcgcaggag.....	1	1	E01
.....cuaagua <u>cu</u> agugccgcaggUg.....	1	1	E01
.....cuaagua <u>cu</u> agugccAcaggag.....	1	1	E01
.....cuaagua <u>A</u> uagugccgcaggag.....	1	1	E01
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.....cuaagua <u>cu</u> agugccgcaggGg.....	1	1	E01
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.....cuaagua <u>cu</u> agugccgAaggag.....	3	1	E01
.....cuaagua <u>cu</u> agugccgcaggagA.....	8	1	E01
.....cuaagua <u>cu</u> agugccgcaggagu.....	6	0	E01
.....cuaagua <u>cu</u> agugccgcaggaguguuua.....	1	0	E01
.....uaagua <u>cu</u> agugccgcaggag.....	17	0	E01
.....uaagua <u>cu</u> agugccgcagggaCu.....	1	1	E01
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.....cugcugcuuaagugcuuauca.....	1	0	E01
.....cuaagua <u>cu</u> agugccgcagg.....	9	0	B11
.....cuaagua <u>cu</u> agugccgcaggga.....	47	0	B11
.....cuaagua <u>cu</u> agugccgcaggU.....	1	1	B11
.....cuaagua <u>cu</u> agugccgcacGa.....	1	1	B11
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.....cuaagua <u>cu</u> agugccgcaggUag.....	1	1	B11
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.....cuaagua <u>cu</u> agugccgcacGag.....	2	1	B11
.....Uuaagua <u>cu</u> agugccgcaggag.....	2	1	B11
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.....cuGagua <u>cu</u> agugccgcaggag.....	1	1	B11
.....cuUagua <u>cu</u> agugccgcaggag.....	1	1	B11
.....cuaagua <u>cu</u> agugAcgcaggag.....	1	1	B11
.....cuaagua <u>cu</u> agugccgcagggaC.....	22	1	B11
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.....cuaagua <u>cu</u> agugccgcagggaUu.....	1	1	B11
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.....cuaagua <u>cu</u> agugccgcaggagC.....	1	1	B11
.....cuaagua <u>cu</u> agugccgcagggaCu.....	3	1	B11
.....cuaagua <u>cu</u> agugccgcaggaguguuu.....	1	0	B11
.....uaagua <u>cu</u> agugccgcaggag.....	4	0	B11
.....uaagua <u>cu</u> agugccgcagggaU.....	1	1	B11
.....auguaucuccugcugcuuaagugcuuauca.....	1	0	B11
.....ccugcugcuuaagugcuuauca.....	1	0	B11
.....ccuaagua <u>cu</u> agugccgcaggag.....	1	0	E13
.....cuaagua <u>cu</u> agugccgcag.....	5	0	E13
.....cuaagua <u>cu</u> agugccgcagg.....	18	0	E13
.....cuaagua <u>A</u> uagugccgcaggga.....	1	1	E13
.....cuaagug <u>C</u> uaugugccgcaggga.....	1	1	E13
.....cuaagua <u>cu</u> agugccgcaggga.....	169	0	E13
.....cuaagua <u>cu</u> agugccgcaggG.....	1	1	E13
.....cuaagua <u>cu</u> aCugccgcaggag.....	2	1	E13
.....cuaagua <u>cu</u> agugccgcaggGg.....	3	1	E13
.....cuaagua <u>cu</u> agugccgcaggag.....	1	1	E13
.....cuaagua <u>c</u> Aagugccgcaggag.....	1	1	E13
.....cuaagua <u>cu</u> Ugugccgcaggag.....	1	1	E13
.....cuaagua <u>cu</u> agugccgcagUag.....	1	1	E13
.....cuaagua <u>cu</u> agugccUcaggag.....	1	1	E13
.....cuaagua <u>cu</u> agugccgcacGag.....	4	1	E13
.....cuaagua <u>A</u> uagugccgcaggag.....	1	1	E13
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.....cuaagA <u>a</u> cuagugccgcaggag.....	1	1	E13
.....cuaagua <u>cu</u> agugccgcUaggag.....	1	1	E13
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## Mature

## Star

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.....AuaagAACuaagugccgcaggag.....	1	1	E13		
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.....cuaaCuAACuaagugccgcaggag.....	3	1	E13		
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.....cuaagAACuGugccgcaggag.....	1	1	A44		
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## Mature

## Star

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.....cuaagucuaUugccgcaggag.....	.....	1	1	A01
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.....cuaagucuaagugccgcagcaUgag.....	.....	1	1	A01
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.....cuaagucuaagugccgGaggag.....	.....	1	1	A01
.....cuaagucuaagugccgcaggag.....	.....	1	1	A01
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.....uaagucuaagugccgcaggga.....	.....	1	0	A01
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.....cuaagucuaagugccgcagg.....	.....	5	0	A11
.....cuaCguacuagugccgcaggga.....	.....	1	1	A11
.....cuaagucuaagugccgAaggga.....	.....	1	1	A11
.....cuaagucuaagugccgcaggga.....	.....	61	0	A11
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.....cuaagucuaagugccgUaggag.....	.....	1	1	A11
.....cuaagucuaagugccgcagggaC.....	.....	5	1	A11
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.....cuaagucuaagugccgGaggag.....	.....	2	1	A11
.....cuaagucuaagugccgcaggUg.....	.....	1	1	A11
.....cuaagucuaagugccgcaggCg.....	.....	1	1	A11
.....cuGaguacuagugccgcaggag.....	.....	1	1	A11
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.....Gcuaagucuaagugccgcaggag.....	.....	1	1	A64
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.....cuaagucuaaguCccgcaggga.....	.....	1	1	A64
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.....cuaagucuaagugccgcaggagguUuu.....	.....	1	1	A64
.....uaagucuaagugccgcaggga.....	.....	2	0	A64
.....uaagucuaagugccgcaggag.....	.....	2	0	A64
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.....cuaagucuaagugccgcagUa.....	.....	1	1	T71
.....cuaagucuaagugccgcaggga.....	.....	55	0	T71
.....cuaagucuaagugccgGaggag.....	.....	3	1	T71
.....cuaagucuaagugccgcagggaU.....	.....	25	1	T71
.....cuaagucuaagugccgAaggag.....	.....	1	1	T71
.....cuaagucuaagugccgcagggaC.....	.....	3	1	T71
.....cuaagucuaagugccgcagAag.....	.....	1	1	T71
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## Mature

## Star

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.....uaaguacuagugccgcaggag.....	5	0	T71
.....uaaguacuagugccgcaggAag.....	1	1	T71
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.....cuaaguacuagugAcgcaggag.....	2	1	H71
.....cuaaguacuagugccgcaggag.....	4621	0	H71
.....cuaaguacuagugccgcaggCag.....	1	1	H71
.....cuaaguacuagugccgcaggUag.....	2	1	H71
.....cuaaguacGagugccgcaggag.....	1	1	H71
.....cuaaguaUuagugccgcaggag.....	1	1	H71
.....cuaaguacuaAugccgcaggag.....	1	1	H71
.....cuaaguacuagugccgcaggau.....	164	1	H71
.....cuaaAuaacuagugccgcaggag.....	6	1	H71
.....cuaaguacuagugccgcaggUg.....	4	1	H71
.....cuaaguacuagugccgcagUgag.....	10	1	H71
.....cuaaguacGuagugccgcaggag.....	1	1	H71
.....cuaaguacuagugccgcaggag.....	5	1	H71
.....cuaaguacuagugccgcagCgag.....	8	1	H71
.....cuaaguacuaUugccgcaggag.....	1	1	H71
.....cuaaguacuagugccgcaggau.....	3	1	H71

## Mature

## Star

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.....cuaaguaacuagugccgcaggCgu.....			1	1	H71
.....cuaaguaacuagugccgcaggAuu.....			2	1	H71
.....cuaaguaacuagugccgcaggagC.....			6	1	H71
.....cuaaguaacuagugccgcagggaCu.....			13	1	H71
.....cuaaguaacuagugccgcaggaggu.....			51	0	H71
.....cuaaguaacuagugccgcaggagA.....			49	1	H71
.....cuaaguaacuagugccgcaggaguC.....			2	1	H71
.....cuaaguaacuagugccgcaggagguU.....			2	1	H71
.....cuaaguaacuagugccgcaggagugG.....			1	1	H71
.....cuaaguaacuagugccgcaggagguAu.....			1	1	H71
.....cuaaguaacuagugccgcaggagguuu.....			2	1	H71
.....uaaguaacuagugccgcaggga.....			4	0	H71
.....uaaguaacuagugccgcagUgag.....			1	1	H71
.....Caaguaacuagugccgcaggag.....			1	1	H71
.....uaaguaacuagugccgcGggag.....			1	1	H71
.....uaaguaacuagugccgcagggaU.....			1	1	H71
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.....uaaguaacuagugccgcaggag.....			113	0	H71
.....uaaguaacuagugccgcaggaggu.....			1	0	H71
.....uaaguaacuagugccgcaggagC.....			1	1	H71
.....aaguaacuagugccgcaggga.....			1	0	H71
.....Caguaacuagugccgcaggag.....			1	1	H71
.....aaguaacuagugccgcaggag.....			1	0	H71
.....ccugcugcuuaagugcuuauuc.....			1	0	H71
.....ccugcugcuuaagugcuuauca.....			4	0	H71
.....ccugcugcuuaagugcuuauuU.....			1	1	H71
.....cugcugcuuaagugcuuauca.....			1	0	H71
.....cuaaguaacuagugccgcga.....			1	0	H34
.....cuaaguaacuagugccgcag.....			12	0	H34
.....cuaaAuacuagugccgcagg.....			1	1	H34
.....cuaaguaacuagugccgcagg.....			21	0	H34
.....cuaaguaacuagugccgcaggga.....			243	0	H34
.....cuaaguaacuUgugccgcaggga.....			1	1	H34
.....cuGaguaacuagugccgcaggga.....			1	1	H34
.....cuUaguaacuagugccgcaggga.....			1	1	H34
.....cuaaguaacuagugccgcgaAga.....			1	1	H34
.....cuaaguaUuagugccgcaggga.....			1	1	H34
.....cuaaguaacuagugccgcagggaC.....			17	1	H34
.....cuaaguaacuagugccgcaggag.....			1299	0	H34
.....cuaaguaacuagugccgcagggaA.....			10	1	H34
.....cuaaguaacuagugccgcaggCg.....			1	1	H34
.....cuaaguaacuagugccgcgaUgag.....			2	1	H34
.....cuaaguaacuagugccgcgaCgag.....			1	1	H34
.....cuGaguaacuagugccgcaggag.....			3	1	H34
.....cAaaguaacuagugccgcaggag.....			1	1	H34
.....cuUaguaacuagugccgcaggag.....			1	1	H34
.....cuaaguaacuagugccgcGaggag.....			1	1	H34
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.....cuaaguaUuagugccgcaggag.....			1	1	H34
.....cuaagAacuagugccgcaggag.....			1	1	H34
.....cuaaguaacuagugccgcAaggag.....			1	1	H34
.....Uuaaguaacuagugccgcaggag.....			2	1	H34
.....cuaaguaacuagugccgcagggaU.....			96	1	H34
.....cuaaAuacuagugccgcaggag.....			1	1	H34
.....cuaaguaacuaguUccgcaggag.....			3	1	H34
.....cuaaguaacuagugccgcgaAag.....			3	1	H34
.....cuaagCacuagugccgcaggag.....			1	1	H34
.....cuaaguaacuagugccgcaggGg.....			1	1	H34
.....cuaGguaacuagugccgcaggag.....			1	1	H34
.....cuaaUuacuagugccgcaggag.....			2	1	H34
.....cuaaguaGuagugccgcaggag.....			1	1	H34
.....cuaaguaacuagugccgcaggag.....			1	1	H34
.....cuaaguaacuagugccgcagggaUu.....			7	1	H34
.....cuaaguaacuagugccgcaggagA.....			12	1	H34
.....cuaaguaacuagugccgcagggaCu.....			6	1	H34
.....cuaaguaacuagugccgcaggaggu.....			40	0	H34
.....cuaaguaacuagugcAgcaggaggu.....			1	1	H34
.....cuaaguaacuagugccgcaggagC.....			2	1	H34
.....cuaaguaacuagugccgcaggagguA.....			1	1	H34

## Mature

## Star

aauguaacuaaaucugguuc	cuaagAACuaaguc	ccgcaggaguguuuuauguauc	ccugcugcuaaagugcuuauca	aaagauuagagauucgucuuuaaaagaagaaa			
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.....	cuaagAACuaaguc	ccgcaggagUu	.....		1	1	H34
.....	cuaagAACuaaguc	ccgcaggagUuu	.....		1	1	H34
.....	uaagAACuaaguc	ccgcaggagA	.....		1	0	H34
.....	uaagAACuaaguc	ccgcaggagAU	.....		3	1	H34
.....	uaagAACuaaguc	ccgcaggagAG	.....		1	1	H34
.....	uaagAACuaaguc	ccgcaggagAG	.....		19	0	H34
.....	uaagAACuaaguc	ccgcaggagAGU	.....		1	0	H34
.....	CagAACuaaguc	ccgcaggagAG	.....		1	1	H34
.....	agAACuaaguc	ccgcaggagAG	.....		2	0	H34
.....	.....	ccugcugcuaaagugcuuauca	.....		1	0	H34
.....	.....	.....	.....		1	0	A02
.....	.....	.....	.....		3	0	A02
.....	.....	.....	.....		1	1	A02
.....	.....	.....	.....		1	1	A02
.....	.....	.....	.....		42	0	A02
.....	.....	.....	.....		1	1	A02
.....	.....	.....	.....		2	1	A02
.....	.....	.....	.....		5	1	A02
.....	.....	.....	.....		12	1	A02
.....	.....	.....	.....		3	1	A02
.....	.....	.....	.....		1	1	A02
.....	.....	.....	.....		417	0	A02
.....	.....	.....	.....		1	1	A02
.....	.....	.....	.....		1	1	A02
.....	.....	.....	.....		1	1	A02
.....	.....	.....	.....		2	1	A02
.....	.....	.....	.....		1	1	A02
.....	.....	.....	.....		6	0	A02
.....	.....	.....	.....		1	1	A02
.....	.....	.....	.....		1	0	A02
.....	.....	.....	.....		4	0	A02
.....	.....	.....	.....		1	0	B14
.....	.....	.....	.....		19	0	B14
.....	.....	.....	.....		91	0	B14
.....	.....	.....	.....		21	1	B14
.....	.....	.....	.....		16	1	B14
.....	.....	.....	.....		1	1	B14
.....	.....	.....	.....		1	1	B14
.....	.....	.....	.....		1	1	B14
.....	.....	.....	.....		2	1	B14
.....	.....	.....	.....		1	1	B14
.....	.....	.....	.....		823	0	B14
.....	.....	.....	.....		1	1	B14
.....	.....	.....	.....		1	1	B14
.....	.....	.....	.....		1	1	B14
.....	.....	.....	.....		5	1	B14
.....	.....	.....	.....		16	0	B14
.....	.....	.....	.....		14	1	B14
.....	.....	.....	.....		1	1	B14
.....	.....	.....	.....		1	1	B14
.....	.....	.....	.....		2	0	B14
.....	.....	.....	.....		2	0	B14
.....	.....	.....	.....		2	0	B14
.....	.....	.....	.....		1	0	B14
.....	.....	.....	.....		7	0	B14
.....	GcuaagAACuaaguc	ccgcaggagAG	.....		1	1	H62
.....	.....	.....	.....		3	0	H62
.....	.....	.....	.....		1	1	H62
.....	.....	.....	.....		18	0	H62
.....	.....	.....	.....		1	1	H62
.....	.....	.....	.....		2	1	H62
.....	.....	.....	.....		254	0	H62
.....	.....	.....	.....		1	1	H62
.....	.....	.....	.....		8	1	H62
.....	.....	.....	.....		1	1	H62

## Mature

## Star

aauguaacuaaaucugguuc	cuaagAACuagugccgCaggaguguuuuauguaucuccugcugcuaaagugcuuaucaaaagauuagagauucgucuuuaaaagaagaaa			
.....cuaagAACuagugccA	caggag.....	3	1	H62
.....cuGagAACuagugccgCaggag.....		6	1	H62
.....cuaaACuagAACuagugccgCaggag.....		3	1	H62
.....cuaagAACuUgugccgCaggag.....		1	1	H62
.....cuaagAACuagugccgCagggaU.....		89	1	H62
.....cuaagAACuGgugccgCaggag.....		1	1	H62
.....cuaagAACuagugccgCaggGg.....		2	1	H62
.....cuaagAACuagugccgCaCgag.....		3	1	H62
.....cuaagAACuagugccGgCaggag.....		2	1	H62
.....cuaagAACuUugccgCaggag.....		1	1	H62
.....cuaagAACuagugccgGaggag.....		1	1	H62
.....cuaagAACuagugccgCagggaC.....		19	1	H62
.....cuaagAACuagugccgAaggag.....		1	1	H62
.....cuCagAACuagugccgCaggag.....		4	1	H62
.....AuaagAACuagugccgCaggag.....		1	1	H62
.....cuaagAACuagugccgCaggCg.....		2	1	H62
.....cuUagAACuagugccgCaggag.....		2	1	H62
.....cuaUgAACuagugccgCaggag.....		1	1	H62
.....cuaaUuAACuagugccgCaggag.....		1	1	H62
.....cuaaAuaAACuagugccgCaggag.....		1	1	H62
.....cuaagAACuagugccGcaggag.....		2	1	H62
.....cuaagAACuagugccgCaAagag.....		3	1	H62
.....cuaagAACuaguUccgCaggag.....		1	1	H62
.....cuaagAACuagugccgCaggag.....		1387	0	H62
.....cuaagAACuagugccgCaggaggu.....		21	0	H62
.....cuaagAACuagugccgCaggagA.....		9	1	H62
.....cuaagAACuagugccgCagggaCu.....		5	1	H62
.....cuaagAACuagugccgCagggaUu.....		2	1	H62
.....cuaagAACuagugccgCaggagug.....		1	0	H62
.....cuaagAACuagugccgCaggagguU.....		1	1	H62
.....cuaagAACuagugccgCaggagguUuu.....		1	1	H62
.....uaagAACuagugccgCaggga.....		2	0	H62
.....uaagAACuagugccgCaggag.....		29	0	H62
.....uaUgAACuagugccgCaggag.....		1	1	H62
.....uaagAACuagugccgCagggaU.....		1	1	H62
.....aagAACuagugccgCaggag.....		1	0	H62
.....aguAACuagugccgCaggag.....		1	0	H62
.....ccugcugcuuaagugcuuauca.....		1	0	H62
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.....cuaagAACuagugccgCagg.....		33	0	A53
.....cuGagAACuagugccgCagg.....		1	1	A53
.....cuaagAACuagugccgCagU.....		1	1	A53
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.....cuCagAACuagugccgCaggga.....		1	1	A53
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.....cuaagAACuagugccgCaggag.....		1	1	A53
.....cuaagAACuagugccgUaggag.....		4	1	A53
.....cuaagAACuagugccgGaggag.....		1	1	A53
.....cuGagAACuagugccgCaggag.....		1	1	A53
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.....cuaagAACuagugccgCaggag.....		430	0	A53
.....cuaagAUcuagugccgCaggag.....		1	1	A53
.....cuaagAACuagugccgCaUgag.....		1	1	A53
.....cuaagAACuagugccgCagggaU.....		23	1	A53
.....cuaagAACuagugccgCagggaC.....		18	1	A53
.....cuaagAACuagugccgAaggag.....		2	1	A53
.....cuaagAACuUugccgCaggag.....		1	1	A53
.....cuaagAACuagugccgCaggagA.....		5	1	A53
.....cuaCGAACuagugccgCaggaggu.....		1	1	A53
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.....cuaagAACuagugccgCaUgagu.....		1	1	A53
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.....uaagAACuagugccgCaggga.....		1	0	A53
.....uaagAACuagugccgCagggaC.....		1	1	A53
.....uaagAACuagugccgCaggag.....		6	0	A53
.....aguAACuagugccgCagggaU.....		1	1	A53
.....aguAACuagugccgCaggag.....		1	0	A53

## Star

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.....cuaaguuacuagugccgcgaC.....	1	1	H42
.....cuaaguuacuagugccgcgag.....	8	0	H42
.....cuaaCuacuagugccgcagg.....	1	1	H42
.....cuaaguuacuagugccgcgaUg.....	1	1	H42
.....cuaaguuacuagugccgcagg.....	20	0	H42
.....cuaguuacuagugccgcaggga.....	1	1	H42
.....cuaaguuacuagugccgcaggga.....	329	0	H42
.....cuaaguuacuagugccgcaggga.....	1	1	H42
.....cuaaguuacAagugccgcaggga.....	1	1	H42
.....cuaaguuacuagugccgcgaCga.....	1	1	H42
.....cuUaguacuagugccgcaggga.....	1	1	H42
.....cuaaguuacuagugccgcaggU.....	1	1	H42
.....cuaaguuacuaguAaccgcaggag.....	1	1	H42
.....cuaaguuacuagugcUgcaggag.....	1	1	H42
.....cuUaguacuagugccgcaggag.....	1	1	H42
.....cuaaguuauagugccgcaggag.....	1	1	H42
.....cuaaguuacuagugccgcagggaA.....	13	1	H42
.....cuaaguuacCagugccgcaggag.....	1	1	H42
.....cuaaguuacuagugccgcgaCgag.....	1	1	H42
.....cuaaguuacuagugccgcgaAagag.....	1	1	H42
.....cuaaguuacuagugcAagcaggag.....	3	1	H42
.....cuCaguacuagugccgcaggag.....	1	1	H42
.....cuaaguuacuaguUccgcaggag.....	1	1	H42
.....cuaaguuacuagugccgcaggCg.....	1	1	H42
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.....cuaaguuacuagugccgcaggagguU.....	4	1	H42
.....cuaaguuacuagugccgcaggagguUu.....	1	1	H42
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.....cuaaguuacuagugccgcga.....	1	0	E12
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.....cuaaguuacuagugccgcagg.....	19	0	E12
.....cuaaguuacuagugccgcaggU.....	1	1	E12
.....cuaaguuacuagugccgcgaAga.....	1	1	E12
.....cuaaguuacCagugccgcaggga.....	1	1	E12
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.....cuaaguuacuagugccgcaggga.....	108	0	E12
.....cuaaguuacuagugccgcgaUga.....	1	1	E12
.....cuaaguuacuagugccgcaggU.....	3	1	E12
.....cuGaguacuagugccgcaggag.....	1	1	E12
.....cuaaguuAuuagugccgcaggag.....	1	1	E12
.....cuaaguuacuagugccgcaggag.....	900	0	E12
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.....cuaaguuacuagugccgcagggaC.....	4	1	E12
.....cuaaguuacuagugccgcagggaU.....	17	1	E12
.....cuaaguuacuagugccgcagggaA.....	1	1	E12

## Star

[illegible]

## Mature

## Star

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.....uaaguac	uagugccg	caggaC	.....				1	1	H11
.....uaaguac	uagugccg	caggag	.....				25	0	H11
.....ccugcugcuuaagugcuuau	c	.....					1	0	H11
.....ccugcugcuuaagugcuuau	c	.....					1	0	H11
.....cuaaguac	uagugccg	cag	.....				1	0	A41
.....cuaaguac	uagugccg	cagg	.....				3	0	A41
.....cuaaguac	uagugccg	caggga	.....				32	0	A41
.....cuaaguac	uagugccg	caggG	.....				1	1	A41
.....cuaaguac	uagugccg	cagggaC	.....				6	1	A41
.....cuaaguac	uagugccg	caUgag	.....				1	1	A41
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.....cuaaguac	uagugccg	cagggaU	.....				7	1	A41
.....cuaaguac	uagugccg	cagAag	.....				1	1	A41
.....cuaaguUc	uagugccg	caggag	.....				1	1	A41
.....Auaaguac	uagugccg	caggag	.....				1	1	A41
.....cuaaguaU	uagugccg	caggag	.....				1	1	A41
.....cuaaguac	uagugUcg	caggag	.....				1	1	A41
.....cuaaguac	uagugccg	caggagC	.....				1	1	A41
.....cuaaguac	uagugccg	caggagA	.....				2	1	A41
.....cuaaguac	uagugccg	cagggaUu	.....				1	1	A41
.....cuaaguac	uagugccg	caggagu	.....				6	0	A41
.....uaaguac	uagugccg	caggag	.....				3	0	A41
.....uaaguac	uagugccg	caggagu	.....				1	0	A41
.....uaaguac	uagugccg	caggaguguu	.....				1	0	A41
.....ccugcugcuuaagugcuuau	c	.....					1	0	A41
.....Gcuaaguac	uagugccg	caggag	.....				3	1	H04
.....cuaaguac	uagugccg	ca	.....				2	0	H04
.....cuaaguac	uagugccg	cag	.....				6	0	H04
.....cuaaguac	uagugccg	cagU	.....				1	1	H04
.....cuaaguac	uagugccg	cagg	.....				22	0	H04
.....cuaaguac	uagugccg	caAga	.....				1	1	H04
.....cuaaguac	uagugccg	caggU	.....				2	1	H04
.....cuUaguac	uagugccg	caggga	.....				1	1	H04
.....cuaaguac	uagugccg	cagAa	.....				1	1	H04
.....cuaaguac	uagugccg	caggga	.....				205	0	H04
.....cuaagCac	uagugccg	caggga	.....				1	1	H04
.....cuaaguacuaU	ugccg	caggga	.....				1	1	H04
.....cuaaguac	uagugccU	caggag	.....				2	1	H04
.....cuaaguac	uagugGcg	caggag	.....				3	1	H04
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.....cuCaguac	uagugccg	caggag	.....				2	1	H04
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.....cuaaguac	uagugccg	cagggaC	.....				19	1	H04
.....cuaaAua	cuagugccg	caggag	.....				1	1	H04
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.....cuaaguacua	gAgccg	caggag	.....				2	1	H04
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.....cuaaguGc	uagugccg	caggag	.....				2	1	H04
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.....cuaaguac	uagugccg	cagggaUu	.....				5	1	H04
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## Mature

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		2	0	H04
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## Mature

## Star

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	cuGaguaacuagugccgcaggga	1	1	E14
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	cuaaCuacuagugccgcaggga	1	1	E14
	cuaaguaacuagugcGgcaggag	2	1	E14
	cuGaguaacuagugccgcaggag	3	1	E14
	cuaaguaacuagugccgAaggag	1	1	E14
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	cuCaguaacuagugccgcaggag	2	1	E14
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	cuaaguaacuagugccgcaggUg	1	1	E14
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	cuaaguaacuagugccgcagggaU	23	1	E14
	cuaaguaacuagugccgUaggag	2	1	E14
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	cuaaguaacuagugccgcaggGg	2	1	E14
	cuUaguaacuagugccgcaggag	3	1	E14
	cuaaguaacuagugcAgcaggag	1	1	E14
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	uaaguaacuagugccgcaggag	26	0	E14
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	cuGaguaacuagugccgcaggga	1	1	E24
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## Mature

## Star

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## Mature

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.....cuUaguaacuaagugccgcaggaggu.....			1	1	A21
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.....cuaaguaacuaagugccgcag.....			2	0	A34
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## Mature

## Star

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## Mature

## Star

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## Mature

## Star

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## Star

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.....cuaagucuaagugccgcaggagA.....			11	1	E21
.....cuaagucuaagugccgcaggaguguuuauguauc.....			1	0	E21
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.....uaagucuaagugccgcaggga.....			1	0	E21
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.....Caagucuaagugccgcaggag.....			1	1	E21
.....uaagucuaagugccgcaggag.....			33	0	E21
.....aagucuaagugccgcaggag.....			2	0	E21
.....agucuaagugccgcaggag.....			1	0	E21
.....ccugcugAuuuaagugcuuauca.....			1	1	E21
.....ccugcugcuuaagugcuuauucU.....			1	1	E21
.....ccugcugcuuaagugcuuauca.....			3	0	E21
.....cugcugcuuaagugcuuauca.....			1	0	E21
.....Gcuagucuaagugccgcaggag.....			1	1	H22
.....cuaagucuaagugccgca.....			2	0	H22
.....cuaagucuaagugccgcaU.....			1	1	H22
.....cuaagucuaagugccgcagg.....			13	0	H22
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.....cuaagucuaagugccgcaCg.....			1	1	H22
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.....cuaagucuaagugcAgcaggga.....			1	1	H22
.....cuaagucuaagugccgcaggga.....			1	1	H22
.....cuaagucuaagugccgcaggC.....			1	1	H22
.....cuaagucuaagugccgcaUga.....			2	1	H22
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.....cuaagucuaagucUccgcaggga.....			1	1	H22
.....cuaagucuaagucCccgcaggag.....			2	1	H22
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.....cuaagucuaagugcGgcaggag.....			1	1	H22
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.....cuGagucuaagugccgcaggag.....			1	1	H22
.....cuaagucuaagugccCocaggag.....			1	1	H22
.....cuaagucuaagucUccgcaggag.....			1	1	H22
.....cuaagucuaagugcUgcaggag.....			4	1	H22
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.....cuaagucuaagugccgcaUgag.....			3	1	H22
.....cuaagucuaagugccgcaggag.....			1	1	H22
.....cuaaCuacuaagugccgcaggag.....			2	1	H22

## Mature

## Star

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.....cuaaUuacuagugccgcaggag.....	3	1	H22
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.....cuaagua <u>cu</u> agugccgcacAagag.....	2	1	H22
.....cuaaguaA <u>u</u> agugccgcaggag.....	1	1	H22
.....cuaagua <u>cu</u> agugccgcaggGg.....	2	1	H22
.....cuaagua <u>cu</u> agugccgcUggag.....	1	1	H22
.....cuaagua <u>cu</u> agugccgcagggaU.....	121	1	H22
.....cuaagua <u>cu</u> agugccgGaggag.....	3	1	H22
.....cuaaA <u>u</u> acuagugccgcaggag.....	3	1	H22
.....cuaagua <u>cu</u> agugccgcaggGg.....	1	1	H22
.....cuaagua <u>cu</u> agugccgcagggaA.....	6	1	H22
.....cuaagua <u>cu</u> agugccgcagggaA <u>u</u> .....	1	1	H22
.....cuaagua <u>cu</u> agugccgcagggaCu.....	8	1	H22
.....cuaagua <u>cu</u> agugccgcaggagC.....	1	1	H22
.....cuaagua <u>cu</u> agugccgcaggag <u>u</u> .....	45	0	H22
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.....cuaagua <u>cu</u> agugccgcagggaU <u>u</u> .....	11	1	H22
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.....cuaagua <u>cu</u> agugccgcaggag <u>u</u> uu.....	1	1	H22
.....cuaagua <u>cu</u> agugccgcaggag <u>u</u> uuu.....	1	1	H22
.....cuaagua <u>cu</u> agugccgcaggaguguuuuuau <u>gu</u> aucu.....	1	0	H22
..... <u>u</u> aaguacuagugccgcaggga.....	2	0	H22
..... <u>u</u> aagA <u>u</u> acuagugccgcaggga.....	1	1	H22
..... <u>u</u> aaguacuagugccgcagAag.....	1	1	H22
..... <u>u</u> aaguacuagugccgcaggag.....	44	0	H22
..... <u>u</u> aaguacuagugccgcagggaC.....	2	1	H22
..... <u>a</u> aguacuagugccgcaggag.....	3	0	H22
..... <u>a</u> guacuagugccgcaggag.....	3	0	H22
..... <u>g</u> uacuagugccgcaggag.....	1	0	H22
.....ccugcugcuuaagugcuuau <u>c</u> .....	1	0	H22
.....ccugcugcuuaagugcuuau <u>ca</u> .....	4	0	H22
.....A <u>cu</u> aaguacuagugccgcaggag.....	1	1	E11
.....cuaagua <u>cu</u> agugccgcac.....	1	0	E11
.....cuaagua <u>cu</u> agugccgcag.....	1	0	E11
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.....cuaagua <u>cu</u> agugccgcagggaU.....	22	1	E11
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.....cuaagua <u>cu</u> agugUcgcaggag.....	1	1	E11
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.....cuaagua <u>cu</u> aCugccgcaggag.....	1	1	E11
.....U <u>u</u> aaguacuagugccgcaggag.....	1	1	E11
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.....cuaagua <u>cu</u> agugcAgcaggag.....	1	1	E11
.....cuaaC <u>u</u> acuagugccgcaggag.....	2	1	E11
.....cuaagua <u>cu</u> agugcUgcaggag.....	3	1	E11
.....cuaaguaU <u>u</u> agugccgcaggag.....	1	1	E11
.....cuaagua <u>cu</u> agugccgGaggag.....	1	1	E11
.....cuaaU <u>u</u> acuagugccgcaggag.....	2	1	E11
.....cuaagua <u>cu</u> agugccgcagggaA.....	2	1	E11
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.....cuaagua <u>cu</u> agugccgAaggag.....	2	1	E11
.....cuaagua <u>cu</u> agugccgcagUag.....	1	1	E11
.....A <u>u</u> aaguacuagugccgcaggag.....	1	1	E11
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.....cuaagua <u>cu</u> agugcGgcaggag.....	1	1	E11

## Mature

## Star

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.....cuaaguaacuagugccgcaggag.....	1	1			E11	
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.....cuaaguaacuagugccgcaggCg.....	1	1			E11	
.....cuaaaAuacuagugccgcaggag.....	6	1			E11	
.....cuaaguaacuagugcUgcaggaguu.....	1	1			E11	
.....cuaaguaacuagugccgcaggagA.....	8	1			E11	
.....cuaaguaacuagugccgcaggagC.....	1	1			E11	
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## Mature

## Star

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.....cuaagAACuaagugccgCaggagu.....	12	0		H61
.....cuaagAACuaagugccgCaggatCu.....	2	1		H61
.....uaagAACuaagugccgCaggat.....	3	0		H61
.....uaagAACuaagugccgCaggag.....	18	0		H61
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.....cuaagAACuaagugccgCaggat.....	29	0		A61
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.....UuaagAACuaagugccgCaggag.....	1	1		A61
.....cuaagAACuaagugccgCaggag.....	272	0		A61
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.....cuaagAACuaagugccgAaggag.....	1	1		A61
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.....cuaagAACuaagugccgCaggatA.....	2	1		A61
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## Mature

## Star

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.....cuaaAuacuagugccgcaggag.....	1	1	E71		
.....Guaagucuaagugccgcaggag.....	2	1	E71		
.....cuaagucuaagugccUcaggag.....	4	1	E71		
.....cuaCguacuagugccgcaggag.....	1	1	E71		
.....cuaagucuaagugccgcagCag.....	2	1	E71		
.....cuaagucuaagugccgcaggCg.....	3	1	E71		
.....cuaagucuaagugccgcaggag.....	3204	0	E71		
.....cuaagucuaagugccgcgaCgag.....	4	1	E71		
.....cuaagucuaagugccgcaggagA.....	15	1	E71		
.....cuaagucuaagugccgcagggaCu.....	4	1	E71		

## Mature

## Star

aauguaacuaaaucugguuc	cuaagAACuaaguc	ccgcaggaguguuuuauguauc	ccugcugcuaaagugcuua	caauagauuagagauucgucuuuaaaagaagaaa			
.....cuaagAACuaaguc	ccgcaggagC	.....	3	1		E71	
.....cuaagAACuaaguc	ccgcagggaU	.....	2	1		E71	
.....cuaagAACuaaguc	ccgcaggagu	.....	34	0		E71	
.....cuaagAACuaaguc	ccgcaggCgu	.....	1	1		E71	
.....cuaagAACuaaguc	ccgcaggaguA	.....	1	1		E71	
.....cuaagAACuaaguc	ccgcaggagugA	.....	1	1		E71	
.....cuaagAACuaaguc	ccgcaggaguguuuuauguauc	ccugcugcuaaag	1	0		E71	
.....uaagAACuaaguc	ccgcaggga	.....	3	0		E71	
.....uaagAACuaaguc	ccgcagggaA	.....	1	1		E71	
.....uaagAACuaaguc	ccgcaggag	.....	48	0		E71	
.....uaagAACuaaguc	ccgcaggagu	.....	2	0		E71	
.....aagAACuaaguc	ccgcaggga	.....	1	0		E71	
.....aguAACuaaguc	ccgcaggag	.....	1	0		E71	
.....cuaagAACuaaguc	ccgcaggag	.....ccugcugcuaaagugcuuaucU	1	1		E71	
.....cuaagAACuaaguc	ccgcagg	.....	1	0		B02	
.....cuaagAACuaaguc	ccgcagg	.....	22	0		B02	
.....cuaagAACuaaguc	ccgcaggAagga	.....	1	1		B02	
.....cuaagAACuaaguc	ccgcaggga	.....	99	0		B02	
.....cuaagAACuaaguc	ccgcagggu	.....	1	1		B02	
.....cuaagAACuaaguc	ccgcaggag	.....	1	1		B02	
.....cuaagAACuaaguc	ccgcaggcaUgag	.....	1	1		B02	
.....AuaagAACuaaguc	ccgcaggag	.....	1	1		B02	
.....cuaagAACuaaguc	ccgcaggUg	.....	1	1		B02	
.....cuaagAACuaaguc	ccgcagggaA	.....	1	1		B02	
.....cuaagAACuaaguc	ccgcaggAaggag	.....	1	1		B02	
.....cuaagAACuaaguc	ccgcaggccUcaggag	.....	1	1		B02	
.....cuaagAACuaaguc	ccgcaggUcgaggag	.....	1	1		B02	
.....cuaagAACuaaguc	ccgcaggCgccaggag	.....	1	1		B02	
.....cuaagAACuaaguc	ccgcagggaU	.....	17	1		B02	
.....cuaagAACuaaguc	ccgcaggGggag	.....	1	1		B02	
.....cuaagAACuaaguc	ccgcaggGaggag	.....	2	1		B02	
.....cuaagAACuaaguc	ccgcaggag	.....	1	1		B02	
.....cuaagAACuaaguc	ccgcagggaC	.....	20	1		B02	
.....cuaagAACuaaguc	ccgcaggag	.....	566	0		B02	
.....cuaagAACuaaguc	ccgcaggCg	.....	1	1		B02	
.....cuaagAACuaaguc	ccgcaggag	.....	1	1		B02	
.....cuaagAACuaaguc	ccgcaggUcaggag	.....	1	1		B02	
.....cuaagAACuaaguc	ccgcaggag	.....	1	1		B02	
.....cuaagAACuaaguc	ccgcaggagu	.....	5	0		B02	
.....cuaagAACuaaguc	ccgcaggagA	.....	6	1		B02	
.....cuaagAACuaaguc	ccgcagggaCu	.....	6	1		B02	
.....cuaagAACuaaguc	ccgcaggaguguu	.....	1	0		B02	
.....uaagAACuaaguc	ccgcaggag	.....	7	0		B02	
.....aagAACuaaguc	ccgcaggag	.....	1	0		B02	
.....cuaagAACuaaguc	ccgcaggag	.....ccugcugcuaaagugcuuaucA	2	0		B02	
.....GcuaagAACuaaguc	ccgcaggag	.....	1	1		H02	
.....cuaagAACuaaguc	ccgcaggca	.....	1	0		H02	
.....cuaagAACuaaguc	ccgcagg	.....	1	0		H02	
.....cuaagAACuaaguc	ccgcagg	.....	12	0		H02	
.....cuaagAACuaaguc	ccgcaggUaggga	.....	3	1		H02	
.....cuaagAACuaaguc	ccgcaggga	.....	153	0		H02	
.....cuUaagAACuaaguc	ccgcaggga	.....	1	1		H02	
.....cuaagAACuaaguc	ccgcaggG	.....	1	1		H02	
.....cuaagAACuaaguc	ccgcaggga	.....	1	1		H02	
.....cuaagAACuaaguc	ccgcaggag	.....	1	1		H02	
.....cuaagAACuaaguc	ccgcaggag	.....	1	1		H02	
.....cuaagAACuaaguc	ccgcagggaC	.....	12	1		H02	
.....cuaagAACuaaguc	ccgcaggGaggag	.....	2	1		H02	
.....cuaagAACuaaguc	ccgcaggCg	.....	2	1		H02	
.....cuaagAACuaaguc	ccgcaggAaggag	.....	3	1		H02	
.....cuaagAACuaaguc	ccgcagggaU	.....	34	1		H02	
.....cuaagAACuaaguc	ccgcaggGggag	.....	1	1		H02	
.....cuaagAACuaaguc	ccgcaggag	.....	1179	0		H02	
.....cuCuaagAACuaaguc	ccgcaggag	.....	2	1		H02	
.....cuaagAACuaaguc	ccgcagggaA	.....	5	1		H02	
.....cuaagAACuaaguc	ccgcaggag	.....	1	1		H02	

## Star

[illegible]

**Mature** **Star**

## Star

aauaguaacuaaaucugguuc	cuaaguaacuaagucccgagaggaguuuuuaguuuucucugcugcuaaagugcuuaaucauagauuuagagauucgucuuuaaagaagaaa			
.cuaaguaacuaagucccgcaUgag.		5	1	E22
.cuaaguaacuaagucccgCgag.		1	1	E22
.cuaaguaacuaagucccgagggagu.		63	0	E22
.cuaaguaacuaagucccgagggagC.		5	1	E22
.Auaaguaacuaagucccgagggagu.		1	1	E22
.cuaaguaacuaagucccgagggagA.		60	1	E22
.cuaaguaacuaagucccgaggaUu.		4	1	E22
.cuaaguaacuaagucccgAaggag.		1	1	E22
.cuaaguaacuaagucccgaggaCu.		3	1	E22
.cuaaguaacuaagucccgagggaguU.		3	1	E22
.cuaaguaacuaagucccgagggaguUu.		1	1	E22
.cuaaguaacuaagucccgagggaguUuu.		1	1	E22
.uaaguaacuaUugcccgagga.		1	1	E22
.uaaguaacuaagucccgagga.		3	0	E22
.uaaguaacuaagucccgUggag.		1	1	E22
.uaagAacuaagucccgagga.		1	1	E22
.uaaguaacuaagucccgGggag.		1	1	E22
.uaaguaacuaagucccgagggag.		92	0	E22
.uaaguaacuaagucccgCggag.		1	1	E22
.aaguaacuaagucccgagggag.		1	0	E22
.aaguaacuaaguccgcaAagag.		1	1	E22
.aguaacuaagucccgagga.		2	0	E22
.ccugcugcuuaagugcuuauc.		5	0	E22
.ccuaaguaacuaagucccgaggaC.		1	1	H21
.Gcuaguaacuaagucccgagggag.		1	1	H21
.cuaaguaacuaagucccgag.		2	0	H21
.cuaaguaacuaagucccgag.		11	0	H21
.cuaaguaAuaagucccgagga.		1	1	H21
.cuaaguaacuaagucccgaggg.		1	1	H21
.cuaaAuaacuaagucccgagga.		1	1	H21
.cuaaguaacuaagucccgagggU.		1	1	H21
.cuaaguaacuaagucccgagga.		131	0	H21
.cuaaguaacuaaguccAgaagga.		1	1	H21
.cuaaguaacuaagucccgagga.		1	1	H21
.cuaaguaacuaagucccgaggaC.		24	1	H21
.cuaaAuaacuaagucccgagga.		1	1	H21
.cuaaguaacuaagucccgGagga.		1	1	H21
.cuaaguaGuagucccgagga.		1	1	H21
.cuaaguaacuaAagcccgagga.		1	1	H21
.cuaaguaacuaaguccgcaAagag.		1	1	H21
.cuaaguaUuaagucccgagga.		1	1	H21
.cuaaguaacuaaguccgcaUgag.		1	1	H21
.cuaaguaAuaagucccgagga.		1	1	H21
.cuaaguaacuaagucccgagggUg.		1	1	H21
.cuaaguaacuaagucccgagggCg.		1	1	H21
.cuaaUuaacuaagucccgagga.		1	1	H21
.cuaaguaacUGugcccgagga.		1	1	H21
.cuaaguaacuaagucccgagga.		985	0	H21
.cuaaguaacuaaguccgcaCgag.		1	1	H21
.cuaaguaacuaagUcccgagga.		1	1	H21
.cuaaCuacuaagucccgagga.		2	1	H21
.cuaaguaacuaaguccAcagga.		1	1	H21
.cuaaguaacuaaguccgUagga.		2	1	H21
.cuaaguaacuaaguccGcgagga.		1	1	H21
.cuGaguaacuaagucccgagga.		1	1	H21
.cuaaguaacuaagucccgaggaA.		3	1	H21
.cuaaguaacuaagucccgaggaU.		48	1	H21
.cuaaguaacuaagucccgagUag.		1	1	H21
.Uuaaguaacuaagucccgagga.		1	1	H21
.cuaaguaacuaUugcccgagga.		1	1	H21
.cuaaguaacuaagucccgaggaUu.		3	1	H21
.cuaaguaacuaagucccgaggaA.		8	1	H21
.cuaaguaacuaagucccgagga.		13	0	H21
.cuaaguaacuaagucccgaggaCu.		2	1	H21
.uaaguaacuaaguccgGagga.		1	1	H21
.uaaguaacuaagucccgagga.		28	0	H21
.uaaguaacuaagucccgagga.		1	0	H21
.aaguaacuaagucccgagga.		2	0	H21
.ccugcugcuuaagugcuuauc.		1	0	H21

## Mature

## Star

aauguaacuaaaucugguuccuaaguacuagugccgcaggaguguuuuauguaucccugcugcuuaagugcuuaucaaaagauuagagauucgucuuuaaagaagaaa

.....cugcugcuuaagugcuuau <u>c</u> .....	1	1	H21
.....cuaagua <u>cuagugccgcag</u> .....	1	0	E03
.....cuaagua <u>cuagugccgcagg</u> .....	10	0	E03
.....cuaagua <u>cuagugccgcagU</u> .....	1	1	E03
.....cuaagua <u>cuagugccgcaA</u> g.....	1	1	E03
.....Uuaagua <u>cuagugccgcagg</u> .....	1	1	E03
.....cuaagua <u>cuagugccgcagga</u> .....	59	0	E03
.....cuaagua <u>cuagugccAcagga</u> .....	2	1	E03
.....cuaagua <u>cuagugccgcaU</u> ga.....	1	1	E03
.....cuaagua <u>cuagugccgcaggG</u> g.....	1	1	E03
.....cuaagua <u>cuagugccgcaC</u> gag.....	1	1	E03
.....cuaagua <u>cuagugccgU</u> aggag.....	1	1	E03
.....cuaagua <u>cuagA</u> gccgcaggag.....	1	1	E03
.....cuaagA <u>acuagugccgcaggag</u> .....	1	1	E03
.....cuaagua <u>cuagugccgcaU</u> gag.....	2	1	E03
.....cuCagu <u>acuagugccgcaggag</u> .....	2	1	E03
.....cuaagua <u>cuaguA</u> ccgcaggag.....	1	1	E03
.....cuaagua <u>C</u> agugccgcaggag.....	1	1	E03
.....cuaagua <u>cuagugccgcaggag</u> .....	5	1	E03
.....cuaaCua <u>cuagugccgcaggag</u> .....	1	1	E03
.....cuaagua <u>cuagugA</u> cgcaggag.....	1	1	E03
.....cuaagua <u>cuagugccgcaggaA</u> .....	2	1	E03
.....cuaagua <u>cuagugccgcaggaU</u> .....	7	1	E03
.....cuaagua <u>cuagugC</u> Agcaggag.....	1	1	E03
.....cuaagua <u>cuagugccgcaggag</u> .....	579	0	E03
.....cuaagua <u>cuagugccgcaggagu</u> .....	6	0	E03
.....cuaagua <u>cuagugccgcaggaCu</u> .....	3	1	E03
.....cuaagua <u>cuagugccgcaggagC</u> .....	1	1	E03
.....cuaagua <u>cuagugccgcaggaU</u> u.....	1	1	E03
.....cuaagua <u>cuagugccgcaggagA</u> .....	5	1	E03
.....cuaagua <u>cuagugccgcaggagugu</u> .....	3	0	E03
.....cuaagua <u>cuagugccgcaggaguguu</u> .....	1	0	E03
.....cuaagua <u>cuagugccgcaggaguguuuuu</u> .....	1	0	E03
.....uaagua <u>cuagugccgcaggag</u> .....	6	0	E03
.....ccugcugcuuaagugcuuau <u>ca</u> .....	1	0	E03
.....Acuaagua <u>cuagugccgcagga</u> .....	1	1	H44
.....ccuaagua <u>cuagugccgcaggaC</u> .....	1	1	H44
.....Gcuaagua <u>cuagugccgcaggag</u> .....	2	1	H44
.....cuaagua <u>cuagugccgca</u> .....	1	0	H44
.....cuaagua <u>cuagugccgcU</u> .....	5	1	H44
.....cuaagua <u>cuagugccgcag</u> .....	10	0	H44
.....cuaagua <u>cuagugccgcagA</u> .....	4	1	H44
.....cuaagua <u>cuagugccgcaA</u> g.....	1	1	H44
.....cuaagua <u>cuagugccgcagU</u> .....	5	1	H44
.....cuaagua <u>cuagugccgcagg</u> .....	46	0	H44
.....cuaagua <u>cuagugccgcagAa</u> .....	1	1	H44
.....cuaagua <u>cuagugccgA</u> agga.....	1	1	H44
.....cuaagua <u>cuagugccgcaA</u> ga.....	1	1	H44
.....cuaagua <u>cuagugccgcaggC</u> .....	1	1	H44
.....cuaaU <u>acuagugccgcagga</u> .....	1	1	H44
.....cuaagua <u>cuagugccgcagUa</u> .....	1	1	H44
.....cuCagu <u>acuagugccgcagga</u> .....	1	1	H44
.....cuaagua <u>cuagugccgcaC</u> ga.....	1	1	H44
.....cuaagua <u>cuagugccgcagga</u> .....	392	0	H44
.....cuaagua <u>cuagugccC</u> agga.....	1	1	H44
.....cuaagua <u>cuagugA</u> cgcagga.....	1	1	H44
.....cuaagua <u>cuagugccgcaggU</u> .....	13	1	H44
.....cuaagua <u>cuagugccgcaU</u> ga.....	1	1	H44
.....cuaagua <u>cuagugccgcaggG</u> .....	1	1	H44
.....cuaagua <u>cuagugccgG</u> aggag.....	1	1	H44
.....cuaagua <u>cuagugccgcaggaA</u> .....	19	1	H44
.....cuCagu <u>acuagugccgcaggag</u> .....	2	1	H44
.....cuaagua <u>cuagugccgcG</u> ggag.....	1	1	H44
.....cuaagua <u>cuagugccgcaggag</u> .....	1600	0	H44
.....cuaagua <u>cuagugC</u> Ggcaggag.....	6	1	H44
.....cuaaCua <u>cuagugccgcaggag</u> .....	1	1	H44
.....Uuaagua <u>cuagugccgcaggag</u> .....	1	1	H44
.....cuaagua <u>cuagugccgcaggaC</u> .....	69	1	H44

## Mature

## Star

aauguaacuaaaucugguuc	cuaagucuaagugccgaggaguguuuauguauc	ccugcugcuuaagugcuuaacaaagauuagagauucgucuuuaaagaagaaa			
.....cuaagucuaagugccgaggag.....			1	1	H44
.....cuaagucuaagugccUcaggag.....			1	1	H44
.....cuaagucuaagugccgAaggag.....			2	1	H44
.....cuaagucuaagugccAgcaggag.....			1	1	H44
.....cuaagucuaagugccgcagAag.....			1	1	H44
.....Auaagucuaagugccgaggag.....			2	1	H44
.....cuaagucuaagugccgcaCgag.....			5	1	H44
.....cuaagucuaagugccgcaAagag.....			3	1	H44
.....cuGagucuaagugccgaggag.....			1	1	H44
.....cuaagucuaaguUccgaggag.....			1	1	H44
.....cuaagucuaagugccgcaUgag.....			2	1	H44
.....cuaagucuaagugccgagggaU.....			193	1	H44
.....cuaaAuaagugccgaggag.....			2	1	H44
.....cuaagucuaagugccgagggaUu.....			13	1	H44
.....cuaagucuaagugccUcaggagu.....			1	1	H44
.....cuaagucuaagugccgaggagA.....			88	1	H44
.....cuaagucuaagugccgaggagC.....			8	1	H44
.....cuaagucuaagugccgaggagu.....			92	0	H44
.....cuGagucuaagugccgaggagu.....			1	1	H44
.....cuaagucuaagugccgcaUgagu.....			1	1	H44
.....cuaagucuaagugccgAaggagu.....			1	1	H44
.....cuaagucuaagugccgcaAagagu.....			1	1	H44
.....cuaagucuaagugccgagggaCu.....			10	1	H44
.....cuaagucuaagugccgaggaguC.....			1	1	H44
.....cuaagucuaagugccgaggaguU.....			10	1	H44
.....cuaagucuaagugccgaggaguUu.....			2	1	H44
.....cuaagucuaagugccgaggaguAu.....			2	1	H44
.....cuaagucuaagugccgaggaguAuu.....			3	1	H44
.....cuaagucuaagugccgaggaguUuu.....			2	1	H44
.....uaagucuaagugccgaggga.....			3	0	H44
.....uaagucuaagugccgaggag.....			24	0	H44
.....uaagucuaagugccgagggaU.....			1	1	H44
.....uaagGacuaagugccgaggag.....			1	1	H44
.....uaagucuaagugccgaggagu.....			4	0	H44
.....uaagucuaagugccgaggaguAuuu.....			1	1	H44
.....aagucuaagugccgagggaCu.....			1	1	H44
.....Cuacuaagugccgaggag.....			1	1	H44
.....ccugcugcuuaagugcuuauc.....			1	0	H44
.....ccugcugcuuaagugcuuaucU.....			1	1	H44
.....cuaagucuaagugccgagg.....			2	0	B04
.....cuaaCuacuaagugccgagg.....			1	1	B04
.....cuaagucuaagugccgaggga.....			39	0	B04
.....cuaagucuaagugccAcaggag.....			1	1	B04
.....cuaagucuaagugccgagggaC.....			4	1	B04
.....cuaagucuaagugccgagggaU.....			5	1	B04
.....cuaagucuaagugccgaggag.....			418	0	B04
.....cuaagucuaagugccgagggaA.....			2	1	B04
.....cuaagucucGugccgaggag.....			1	1	B04
.....cuaagucuaagugccgAaggag.....			1	1	B04
.....cuaagucuaagugccgaggagA.....			2	1	B04
.....cuaagucuaaguUccgaggagu.....			1	1	B04
.....cuaagucuaagugccgaggagu.....			6	0	B04
.....cuaagucuaagugccgaggaguguuu.....			1	0	B04
.....uaagucuaagugccgaggga.....			2	0	B04
.....uaagucuaagugccgaggag.....			7	0	B04
.....Gcuaagucuaagugccgaggag.....			1	1	H63
.....cuaagucuaagugccgcaC.....			1	1	H63
.....cuaagucuaagugccgcag.....			5	0	H63
.....cuaagucuaagugccgcagU.....			2	1	H63
.....cuaagucuaagugccgcagg.....			12	0	H63
.....cuaagucuaagugccgaggga.....			117	0	H63
.....cuaaguaAuaagugccgaggga.....			1	1	H63
.....cuaagucuaagugccUcaggga.....			1	1	H63
.....cuaagucuaagugccgagggu.....			3	1	H63
.....cuaagucuaagugccgGaggga.....			1	1	H63
.....cuUagucuaagugccgaggga.....			1	1	H63
.....cuaagucuaagugccgUaggga.....			1	1	H63
.....cuaagucuaagugccgAaggag.....			1	1	H63

## Mature

## Star

aauguaacuaaaucugguuc	cuaagucuaagugccgcaggaguguuuauguauc	ccugcugcuuaagugcuuauca	aaugauuuagagauucgucuuuaaaagaagaaa			
.....cuaagucuaagugccgcagggaA.....	1	1	H63			
.....cuaagucuaagugccgcaggCg.....	1	1	H63			
.....cuGagucuaagugccgcaggag.....	1	1	H63			
.....cuaaCuaacuaagugccgcaggag.....	1	1	H63			
.....cuaagucuaaguUccgcaggag.....	1	1	H63			
.....cuCagucuaagugccgcaggag.....	2	1	H63			
.....cuaagucuaagugccgcUgag.....	1	1	H63			
.....cuaaguaGuagugccgcaggag.....	1	1	H63			
.....cuaagucuaagugccgcagggaC.....	16	1	H63			
.....cuaagucuaagugccgcagggaU.....	67	1	H63			
.....cuaagucuaagCgccgcaggag.....	1	1	H63			
.....cuaaguUcuaagugccgcaggag.....	1	1	H63			
.....cuaagucuaagugccgcaggUg.....	1	1	H63			
.....cuaagucuaagugccgcCagag.....	1	1	H63			
.....cuaaAuaacuaagugccgcaggag.....	2	1	H63			
.....Auaagucuaagugccgcaggag.....	1	1	H63			
.....cuaagucuaagugccgcaggag.....	876	0	H63			
.....cuUagucuaagugccgcaggag.....	2	1	H63			
.....cuaagucuaagugccgcGaggag.....	1	1	H63			
.....cuaagucuaagugcAgcaggag.....	2	1	H63			
.....cuaagucuaagugccgcaggagC.....	1	1	H63			
.....cuaagucuaagugccgcagggaUu.....	5	1	H63			
.....cuaagucuaagugccgcagggaA.....	8	1	H63			
.....cuaagucuaagugccgcagggaGu.....	13	0	H63			
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## Mature

## Star

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## Mature

## Star

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## Mature

## Star

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## Mature

## Star

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## Mature

## Star

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.....cuaagucuaagugccgcagggaUu	6	1		H54
.....cuaagucuaagugccgcagggaA	27	1		H54
.....cuaagucuaagugccgcaggagu	31	0		H54
.....cuaagucuaagugccgcagggaCu	10	1		H54
.....cuaagucugugccgcaggagu	1	1		H54
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.....cuaagucuaagugccgcaggaguUu	1	1		H54
.....cuaagucuaagugccgcaggaguAu	1	1		H54
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## Mature

## Star

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## Mature

## Star

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## Star

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.....cuGagAACuaagugccgcaggA.....	1	1		A12	
.....cuaagAACuaagugccgcaggA.....	7	1		A12	
.....cuaagAACuaagugccgcaggAC.....	5	1		A12	
.....cuaagAACuaagugccgcaggag.....	326	0		A12	
.....cuaagAACuaagugccgGaggag.....	1	1		A12	
.....cuaagAACuaagugccgcaggA.....	2	1		A12	
.....cuaagAACuaagugccUcaggag.....	1	1		A12	
.....cuaagAACuaagugccgcAag.....	1	1		A12	
.....cuaagAACuaagugccgcAaggag.....	2	1		A12	
.....cuaagAACuaagugAcgcaggag.....	1	1		A12	
.....cuaagAACuaagugccgcaggag.....	7	0		A12	
.....cuaagAACuaagugccgcaggAC.....	1	1		A12	
.....cuaagAACuaagugccgcaggagA.....	3	1		A12	
.....cuaagAACuaagugccgcaggaguuua.....	1	0		A12	
.....uaagAACuaagugccgcaggag.....	4	0		A12	
.....ccugcugcuuaagugcuuaucc.....	1	0		A12	

## Mature

## Star

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.....cuaa	2	0	B03
.....cuaa	10	0	B03
.....cuaa	1	1	B03
.....cuaa	1	1	B03
.....cuaa	26	0	B03
.....cuaa	1	1	B03
.....cuaa	223	0	B03
.....cuaa	1	1	B03
.....cuaa	1	1	B03
.....cuaa	4	1	B03
.....cuaa	1	1	B03
.....Auaa	1	1	B03
.....cuaa	2	1	B03
.....cuaa	1	1	B03
.....cuaa	1	0	B03
.....cuaa	1	1	B03
.....uaa	2	0	B03
.....uaa	2	0	B03
.....ugc	1	1	B03
.....Gcuaa	1	1	A54
.....cuaa	3	0	A54
.....cuaa	1	1	A54
.....cuaa	7	0	A54
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.....cuaa	62	0	A54
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.....cuaa	1	1	A54
.....cuaa	1	1	A54
.....uaa	1	0	A54
.....uaa	4	0	A54
.....Gcuaa	2	1	H23
.....Acuaa	1	1	H23
.....cuaa	1	0	H23
.....cuaa	12	0	H23
.....cuaa	29	0	H23
.....cuaa	2	1	H23
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.....cuaa	1	1	H23
.....Uuaa	1	1	H23
.....cuaa	1	1	H23
.....cuaa	1	1	H23
.....cuaa	1	1	H23
.....cuaa	1	1	H23
.....cuaa	1	1	H23
.....cuaa	2	1	H23
.....cuaa	2	1	H23
.....cuaa	1	1	H23
.....cuaa	1	1	H23
.....Uuaa	1	1	H23

## Mature

## Star

aauguaacuaaaucugguuc	cuaagAACuaagugccgcaggaguguuuauguaucuccugcugcuuaagugcuuaucaauagauuuagagauucgucuuuaaaagaagaaa			
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.....cuGaguacuaagugccgcaggag.....	3	1		H23
.....cuUaguacuaagugccgcaggag.....	1	1		H23
.....cuaaguUcuagugccgcaggag.....	1	1		H23
.....cuaagAACuaagugccgcaggag.....	3	1		H23
.....cuaagAACuaagugccgcaggagA.....	7	1		H23
.....cuCaguacuaagugccgcaggag.....	4	1		H23
.....cuaagAACuGgugccgcaggag.....	1	1		H23
.....cuaagAACuaagugUcgaggag.....	1	1		H23
.....cuaagAACuaagugccgcaggagU.....	88	1		H23
.....cuaagAACuaUugccgcaggag.....	1	1		H23
.....cuaagAACuaagugccgcaggagC.....	25	1		H23
.....cuaagAACuaagugccgcaggag.....	2138	0		H23
.....cuaagAACuaagugccgcaggagUag.....	2	1		H23
.....cuaagAACuaagugccgcaggag.....	1	1		H23
.....cuaaUuacuaagugccgcaggag.....	1	1		H23
.....cuaagAACuaagugccgcaggag.....	1	1		H23
.....cuaagAACuaagugccgcaggag.....	4	1		H23
.....cuaagAACuaagugccgcaggag.....	2	1		H23
.....cuaagAACuaagugccgcaggagCg.....	3	1		H23
.....cuaagAACuaagugCccgcaggag.....	1	1		H23
.....cuaagAACuaagugUcgaggag.....	3	1		H23
.....cuaaCuacuaagugccgcaggag.....	2	1		H23
.....cuaagAACuaagugAgcaggag.....	1	1		H23
.....cuaagAACuaagugccgcaggagUg.....	4	1		H23
.....cuaagAACuaagugccgcaggagCg.....	1	1		H23
.....cuaagAACuaagugccgcaggagUgag.....	5	1		H23
.....cuaagAACuagGgcccaggag.....	1	1		H23
.....cuaaAuacuaagugccgcaggag.....	1	1		H23
.....cuaagAACuaagugccgcaggag.....	1	1		H23
.....cuaagAACuaagugccgcaggagCu.....	12	1		H23
.....cuGaguacuaagugccgcaggag.....	1	1		H23
.....cuaagAACuaagugccgcaggag.....	51	0		H23
.....cuaagAACuaagugccgcaggagUu.....	6	1		H23
.....cuaagAACuaagugccgcaggagA.....	39	1		H23
.....cuaagAACuaagugccgcaggagC.....	1	1		H23
.....cuaagAACuaagugccgcaggagU.....	6	1		H23
.....cuaagAACuaagugccgcaggagAu.....	1	1		H23
.....cuaagAACuaagugccgcaggagAu.....	2	1		H23
.....uaagAACuaagugccgcaggag.....	1	0		H23
.....uaagAACuaagugccgcaggagU.....	1	1		H23
.....uaagAACuaagugccgcaggag.....	52	0		H23
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.....aagAACuaagugccgcaggag.....	1	0		H23
.....ccugcugcuuaagugcuuauca.....	2	0		H23
.....GcuaagAACuaagugccgcaggag.....	1	1		H03
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.....cuaagAACuaagugccgcaggag.....	15	0		H03
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.....cuaagCaCuagugccgcaggag.....	1	1		H03
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.....cuaagAACuaagugccgcaggagAag.....	1	1		H03
.....cuaagAACuaagugGcgaggag.....	1	1		H03
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## Mature

## Star

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.....cuaagucuaagugccgcagAagu.....			1	1	H03
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.....cuaagucuaagugccgcaggauUu.....			4	1	H03
.....cuaagucuaagugccgcaggacu.....			5	1	H03
.....cuaagucuaagugccgcaggagC.....			1	1	H03
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.....cuaagucuaagugccgcaggaguU.....			1	1	H03
.....cuaagucuaagugccgcaggaguCu.....			1	1	H03
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.....cuaagucuaagugccgcaggagC.....			12	1	A43
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.....cuaagucuaagugccgcaggagA.....			16	1	A43
.....cuaagucuaagugccgcaggagu.....			25	0	A43
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.....cuaagucuaagugccgcaggaguU.....			3	1	A43
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.....uaagucuaagugccgcaggag.....			4	0	A43
.....uaagucuaagugccgcaggagA.....			1	1	A43
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## Mature

## Star

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.....cuaagCacuagugccgcaggag.....		1	1	H32
.....cuaaAuaucuaagugccgcaggag.....		1	1	H32
.....cuaagucuaaguAaccgcaggag.....		1	1	H32
.....cuaagucuaagugccgcagggaC.....		38	1	H32
.....cuaaCuacuaagugccgcaggag.....		1	1	H32
.....cuaagucuaagugccgUaggag.....		2	1	H32
.....cuaGguacuaagugccgcaggag.....		1	1	H32
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.....cuCaguacuaagugccgcaggag.....		1	1	H32
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.....cuaagucuaagugccgcagggaA.....		15	1	H32
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.....cuaagucuaagugccgcaggagguU.....		2	1	H32
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.....uaagucuaagugccgcaggag.....		18	0	H32
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.....aagucuaagugccgcaggag.....		1	0	H32
.....aagucuaagugccgcagggaCu.....		1	1	H32
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.....cuaagucuaagugccgcag.....		8	0	H52
.....cuaagucuaagugccgcagC.....		1	1	H52
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.....cuaagucuaagugcGgcaggga.....		1	1	H52
.....cuaagucCagugccgcaggga.....		1	1	H52
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.....cuaagucuaagugccgcaggga.....		301	0	H52
.....cuaagucuaagugUcgcaggga.....		1	1	H52
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.....cuaagucuaagugccgcAAgga.....		1	1	H52
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.....cuaagucuaagugccgAaggag.....		1	1	H52
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.....cuGaguacuaagugccgcaggag.....		2	1	H52
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## Mature

## Star

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.....cuaaguacuagugccgcagggaC.....	104	1	H52
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.....cuaaguacuagugccgcaggagA.....	38	1	H52
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.....cuaaguacuagugccgcagggaUu.....	7	1	H52
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.....cuaaguacuagugccgcaggagguAuu.....	2	1	H52
.....cuaaguacuagugccgcaggagguUuuu.....	1	1	H52
.....cuaaguacuagugccgcaggaguguuuuauuguauuc.....	2	0	H52
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.....uaaguacuagugccgcaggag.....	28	0	H52
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.....cuGaguacuagugccgcaggga.....	1	1	H72
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.....cuUaguacuagugccgcaggag.....	1	1	H72
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.....cuaaguacuagugccgcagggaC.....	10	1	H72
.....cuaaguacuagugcUgcaggag.....	1	1	H72
.....Uuaaguacuagugccgcaggag.....	1	1	H72
.....cuaaguacuagugccgcaggag.....	2157	0	H72
.....cuaaguacuagugccgcagggaA.....	11	1	H72
.....cuaaaAuacuagugccgcaggag.....	1	1	H72
.....cuaaguacuauUugccgcaggag.....	2	1	H72
.....cuaaguacuagugccgUaggag.....	3	1	H72

## Mature

## Star

aauguaacuaaaucugguuc	cuaaguaacuagugccgcaggaguguuuuauguauccugcugcuuaagugcuuaucaauagauuuagagauucgucuuuaaagaagaaa			
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.....cuaaguaacuaguUccgcaggag.....	1	1		H72
.....cuCaguaacuagugccgcaggag.....	4	1		H72
.....cuaaUuacuagugccgcaggag.....	2	1		H72
.....cuaaguGcuagugccgcaggag.....	1	1		H72
.....cuGaguaacuagugccgcaggagu.....	1	1		H72
.....cuaaguGcuagugccgcaggagu.....	1	1		H72
.....cuaaguaacuagugccgcagggaA.....	1	1		H72
.....cuaaguaacuagugccgcaggagA.....	60	1		H72
.....cuaaguaacuagugccgcaggagu.....	45	0		H72
.....cuaaguaacuagugccgcagggaCu.....	2	1		H72
.....cuaaguaacuagugccgcagggaU.....	8	1		H72
.....cuaaguaacuagugccgcaggaguU.....	1	1		H72
.....cuaaguaacuagugccgcaggaguU.....	1	1		H72
.....uaaguaacuagugccgcaggga.....	2	0		H72
.....Caaguaacuagugccgcaggag.....	1	1		H72
.....uaaguaacuagugccgcaggag.....	39	0		H72
.....uaaguaacuagugccgcagggaC.....	1	1		H72
.....uaaguaacuagugccgcagggaU.....	1	1		H72
.....uaaguaacuagugccgcaggagA.....	1	1		H72
.....aaguaacuagugccgcaggga.....	1	0		H72
.....ccugcugcuuaagugcuuaucc.....	2	0		H72
.....ccugcugcuuaagugcuuaucc.....	1	1		H72
.....ccugcugcuuaagugcuuauca.....	2	0		H72
.....cuaaguaacuagugccgcag.....	2	0		R71
.....cuaaguaacuagugccgcagg.....	7	0		R71
.....cuaaguaacuagugccgcagU.....	1	1		R71
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.....cuaaguaacuagugccgcaggga.....	92	0		R71
.....cuaaguaacuagugccgAaggag.....	1	1		R71
.....cuGaguaacuagugccgcaggag.....	1	1		R71
.....cuaaguaacuagugccgcagggaC.....	3	1		R71
.....cuaaguaacuagugccgcagggaA.....	4	1		R71
.....cuaaguaacuagugccgcaggag.....	226	0		R71
.....cuaaguUcuagugccgcaggag.....	1	1		R71
.....cuaaguaacuagugccgcagggaU.....	18	1		R71
.....cuaaguaacuagugccgcGggag.....	1	1		R71
.....cuaaguaacuagugccgUaggag.....	1	1		R71
.....cuaaguaacuagugccgcagggaCu.....	2	1		R71
.....cuaaguaacuagugccgcagggaU.....	1	1		R71
.....cuaaguaacuagugccgcaggagU.....	2	0		R71
.....cuaaguaacuagugccgcaggagA.....	2	1		R71
.....cuaaguaacuagugccgcaggaggaU.....	1	1		R71
.....cuaaguaacuagugccgcaggaguguuuuauguauccugcugcuuaag.....	1	0		R71
.....uaaguaacuagugccgcaggag.....	9	0		R71
.....uaaguaacuagugccgcaggCg.....	1	1		R71
.....aaguaacuagugccgcagggaCu.....	1	1		R71
.....cuaaguaacuagugccgcgaU.....	1	1		A31
.....cuaaguaacuagugccgcag.....	3	0		A31
.....cuaaguaacuagugccgcagg.....	7	0		A31
.....cuaaguaacuagugcGgcagg.....	1	1		A31
.....cuGaguaacuagugccgcaggga.....	1	1		A31
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.....cuaaguaacuagugccUcaggag.....	1	1		A31
.....cuaaguaacuagugccgcagggaCu.....	4	1		A31
.....cuaaguaacuagugccgcaggagU.....	11	0		A31
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## Mature

## Star

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.....uaagucuaagugccgcaggag.....			5	0	A31
.....cugcugcuuaagugcuuauca.....			1	0	A31
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.....cuaagucuaagugccgcag.....			16	0	H24
.....cuaagucuaagugccgcagA.....			2	1	H24
.....cuaagucuaagugccgcagg.....			27	0	H24
.....cuaagucuaagugccgcagU.....			1	1	H24
.....cuaagucuaagugccgUagga.....			1	1	H24
.....cuaagucuaagugccgcaggC.....			2	1	H24
.....cuaaCuacuaagugccgcaggA.....			1	1	H24
.....cuaagucuaagugccgcaggU.....			4	1	H24
.....cuaagucuaaguCccgcaggA.....			1	1	H24
.....cuaagucuaagugccgcAaA.....			1	1	H24
.....cuGaguacuaagugccgcaggA.....			1	1	H24
.....cuaagucuaagugccgcaggG.....			2	1	H24
.....cuaagucuaagugccgcaggA.....			332	0	H24
.....cuaagucuaagugccgGaggag.....			2	1	H24
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.....cuaagucuaagugcAgcaggag.....			1	1	H24
.....cuaaguaUuagugccgcaggag.....			1	1	H24
.....cuaagucuaagugccCaggag.....			1	1	H24
.....cuaagucuaagugccgcaggGg.....			1	1	H24
.....cAaagucuaagugccgcaggag.....			1	1	H24
.....cuaCguacuaagugccgcaggag.....			2	1	H24
.....cuaagucuaagAgccgcaggag.....			1	1	H24
.....cuaagucuaagugUcgaggag.....			2	1	H24
.....cuaaguCcuagugccgcaggag.....			1	1	H24
.....cuaagucuaagugccgUaggag.....			1	1	H24
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.....cuaagucuaCugccgcaggag.....			1	1	H24
.....cuaagucuaagugcGgcaggag.....			3	1	H24
.....cuaagucuaagugccgcaggA.....			40	1	H24
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.....cuaaUuacuaagugccgcaggag.....			1	1	H24
.....cuaagucuaagugccgAaggag.....			1	1	H24
.....cuaaguaAuagugccgcaggag.....			1	1	H24
.....cuaagucuaagugccgcaggag.....			1538	0	H24
.....cuaaAuacuaagugccgcaggag.....			1	1	H24
.....cuaagucuaagugccgcaggAU.....			160	1	H24
.....cuaagucuaagugccgcAagag.....			2	1	H24
.....Uuaagucuaagugccgcaggag.....			1	1	H24
.....cuaagucuaagugccgcagCag.....			1	1	H24
.....cuaagucAagugccgcaggag.....			1	1	H24
.....cuaaguaGuagugccgcaggag.....			1	1	H24
.....cuaagucuaagugccgcaggAU.....			13	1	H24
.....cuaagucuaagugccgcaggagC.....			1	1	H24
.....cuaagucuaagugccgcaggACu.....			7	1	H24
.....cuaagucuaagugccgcaggagA.....			78	1	H24
.....cuaagucuaagugccgcaggagu.....			60	0	H24
.....cuaagucuaagugccgcaggaguU.....			9	1	H24
.....cuaagucuaagugccgcaggaguUu.....			1	1	H24
.....cuaagucuaagugccgcaggaguUuu.....			2	1	H24
.....cuaagucuaagugccgcaggaguUuuu.....			1	1	H24
.....cuaagucuaagugccgcaggaguuuuuau.....			2	1	H24
.....cuaagucuaagugccgcaggaguuuuau.....			1	0	H24
.....uaagucuaagugccgcaggA.....			3	0	H24
.....uaagucuaagugccgcagCag.....			1	1	H24
.....uaagucuaagugccgcagUag.....			1	1	H24
.....uaagucuaagugccgcaggAC.....			2	1	H24
.....uaagucuaagugccgcaggag.....			50	0	H24
.....uaagucuaagugccgcaggagC.....			1	1	H24
.....uaagucuaagugccgcaggagA.....			2	1	H24
.....uaagucuaagugccgcaggagu.....			1	0	H24
.....aagucuaagugccgcaggag.....			3	0	H24
.....aguacuaagugccgcaggag.....			1	0	H24
.....ccugcugcuuaagugcuu.....			1	0	H24
.....ccugcugcuuaagugcuuau.....			1	0	H24

## Mature

## Star

aauguaacuaaaucugguuc	cuaaaguacuaugugccgcaggaguguuuuauguauccugcugcuuaagugcuuauca	aaagauuagagauucgucuuuaaagaagaaa			
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.....	cugcugcuuaagugcuuauca		2	0	H24
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.....	cuaaguacuaugugccgcga		1	0	H51
.....	cuaaguacuaugugccgcag		19	0	H51
.....	cuaaguacuaugugccgGag		1	1	H51
.....	cuaaguacuaugugccgcgaC		2	1	H51
.....	cuaaguacuauguUccgcagg		1	1	H51
.....	cuaaguacuaugugccgcagg		36	0	H51
.....	cuaaguacuaugugccgcagU		1	1	H51
.....	Auaaguacuaugugccgcagg		1	1	H51
.....	cuaaguacuaugCgcccgcaggga		1	1	H51
.....	cuaaguacuaugugccgcaggC		1	1	H51
.....	cuaaUuaacuaugugccgcaggga		1	1	H51
.....	cuaaguacuaugugccgAaggga		2	1	H51
.....	cuaaAuaacuaugugccgcaggga		1	1	H51
.....	cuaaguacuaugugccgcaUga		1	1	H51
.....	cuaaguacuaugugccgcaggga		459	0	H51
.....	Uuaaguacuaugugccgcaggga		1	1	H51
.....	cuaaguacuaugugccAcaggga		1	1	H51
.....	cuCaguacuaugugccgcaggga		1	1	H51
.....	cuaaguacuaugugccgcaggU		3	1	H51
.....	cuaaguacuaugugccgcaggUg		2	1	H51
.....	Uuaaguacuaugugccgcaggag		2	1	H51
.....	cuaaguacuaugugcUgcaggag		1	1	H51
.....	cuaaguacuaugugccgcUggag		1	1	H51
.....	cuaaguacuaugugcAgcaggag		3	1	H51
.....	cuaaguacuaugugccgcaggag		2	1	H51
.....	cuaaguacuaugugccgcaggUg		1	1	H51
.....	cuaCguacuaugugccgcaggag		1	1	H51
.....	cuaaguacuaugugccgcgaUgag		2	1	H51
.....	cuaaguacuaugugccgcgaAagag		1	1	H51
.....	cuaaguUcuagugccgcaggag		1	1	H51
.....	cuGaguacuaugugccgcaggag		1	1	H51
.....	cuaaguacuaugugccgcgaCgag		1	1	H51
.....	cuCaguacuaugugccgcaggag		2	1	H51
.....	cuaaUuaacuaugugccgcaggag		3	1	H51
.....	cuaaguacuaugugccgcagggaA		24	1	H51
.....	cuaaguacuaugugccgcagggaU		190	1	H51
.....	cuaaguacuaugugccgcaggag		1	1	H51
.....	cuaaguacuaugugccgcaggag		1578	0	H51
.....	cuaaguacuaugugccgcagggaC		74	1	H51
.....	cuaaguacuaugugccgUaggag		1	1	H51
.....	cuaaguacuaugugccgcaggCg		1	1	H51
.....	cuaaguacuaugugccgcaggag		1	1	H51
.....	cuaaguacuaugugccgAaggag		1	1	H51
.....	cuaaguacuaugugccgGaggag		2	1	H51
.....	cuUaguacuaugugccgcaggag		3	1	H51
.....	cuaaguacuaugugccgcaggaggu		68	0	H51
.....	cuaaguacuaugugccgGaggaggu		1	1	H51
.....	cuaaguacuaugugccgcaggagC		1	1	H51
.....	cuaaguacuaugugccgcaggagA		55	1	H51
.....	cuaaguacuaugugccgcaUgagu		1	1	H51
.....	cuaaguacuaugugccgcagggaCu		14	1	H51
.....	cuaaguacuaugugccgcagggaUu		16	1	H51
.....	cuaaguacuaugugccgcaggagguU		7	1	H51
.....	cuaaguacuaugugccgcaggagguC		1	1	H51
.....	cuaaguacuaugugccgcaggagguUu		1	1	H51
.....	cuaaguacuaugugccgcaggagguAu		2	1	H51
.....	cuaaguacuaugugccgcaggagguUuu		2	1	H51
.....	cuaaguacuaugugccgcaggagguAuu		4	1	H51
.....	cuaaguacuaugugccgcaggagguuuuuauguaucu		1	0	H51
.....	uaaguacuaugugccgcagg		2	0	H51
.....	uaaguacuaugugccgcaggga		3	0	H51
.....	uaaguacuaugugccgcagggaC		1	1	H51
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.....	uaaguacuaugugccgcaggaggu		2	0	H51
.....	uaaguacuaugugccgcaggagA		1	1	H51
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# Mature

# Star

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.....ccugcugcuaaagugcuuaucc.....	2	0	H51
.....ccugcugcuaaagugcuuauca.....	1	0	H51
.....ccugcugcuaaagugcuuauu.....	1	1	H51
.....			
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.....cuaaguacuaagugccgcag.....	2	0	A22
.....cuaaguacuaagugccgcagg.....	27	0	A22
.....cuaaguacuaagugUcgcaggga.....	1	1	A22
.....cuaaguacuaUugccgcaggga.....	1	1	A22
.....cuaaguacuaagugccgcaggga.....	98	0	A22
.....cuaaguacuaagugccgcaggUg.....	1	1	A22
.....cuaaguacuaagugccgUaggag.....	1	1	A22
.....cuaaguacuaagugccUcaggag.....	1	1	A22
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.....cuaGguacuaagugccgcaggag.....	1	1	A22
.....cuaaguacuaagugccgcagggaC.....	15	1	A22
.....cuGaguacuaagugccgcaggag.....	1	1	A22
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.....cuaaguacuaagugGcgcaggag.....	2	1	A22
.....cuaaguacuaagugccgcaggag.....	488	0	A22
.....cuaaguacuaagugccgcagggaU.....	20	1	A22
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.....cuaaguacuaagugAcgcaggag.....	1	1	A22
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.....cuaaguacuaagugccgcaggaguguu.....	1	0	A22
.....uaaguacuaagugccgcaggag.....	11	0	A22