



Star

[illegible]

## Mature

## Star

uuuauaggcacaucgugauc <u>uacccugaagauc</u> cgggcuuuu <u>guaguguuguuaucaaca</u> <u>gaagcucgucucua</u> cagguaucucacggcuggaagagaaacaacugcacaaaug			
.....uacc <u>cuU</u> aagauccgggcuuuugu.....	1	1	H61
.....uacc <u>G</u> ugaagauccgggcuuuugu.....	1	1	H61
.....uaGcc <u>u</u> gaagauccgggcuuuugu.....	2	1	H61
.....uaccc <u>u</u> gaagauccgggcuu <u>A</u> gu.....	1	1	H61
.....uaccc <u>u</u> gaagauccgggcuuuu <u>gA</u> .....	1	1	H61
.....uaccc <u>u</u> gaagauccgggc <u>G</u> uuugu <u>a</u> .....	1	1	H61
.....uaccc <u>u</u> gaagauccgggcuuuu <u>g</u> a.....	35	0	H61
.....uaccc <u>u</u> gaagauccgggcuuuu <u>gU</u> .....	11	1	H61
.....uaccc <u>u</u> gaagauccgggcuuuu <u>g</u> aU.....	5	1	H61
.....uaccc <u>u</u> gaagauccgggcuuuu <u>g</u> aA.....	4	1	H61
.....acc <u>cu</u> gaagauccgggcuuu.....	5	0	H61
.....acc <u>cu</u> gaagauccgggcuuu.....	3	0	H61
.....acc <u>cu</u> gaagauccgggcuuuU.....	1	1	H61
.....acc <u>cu</u> gaagauccgggcuuu <u>g</u> .....	21	0	H61
.....acc <u>cu</u> gaagauccgggcuuu <u>g</u> G.....	1	1	H61
.....acc <u>cu</u> gaagauccgggcuuu <u>g</u> u.....	506	0	H61
.....acc <u>cu</u> gaagauccgggcuuu <u>g</u> C.....	1	1	H61
.....acc <u>cu</u> gaagauccgggcuuu <u>g</u> u.....	1	1	H61
.....acc <u>CG</u> aagauccgggcuuu <u>g</u> u.....	3	1	H61
.....acc <u>cu</u> gaagaucUggcuuu <u>g</u> u.....	1	1	H61
.....acc <u>cu</u> gaagauccgUgcuuu <u>g</u> u.....	1	1	H61
.....acc <u>cu</u> gaagauccggg <u>A</u> uuu <u>g</u> u.....	2	1	H61
.....acc <u>cu</u> gaagauccgggcuuu <u>g</u> A.....	2	1	H61
.....acc <u>cu</u> gaagauccgggcuuuu <u>g</u> a.....	16	0	H61
.....acc <u>cu</u> gaagauccgggcuuuu <u>g</u> Aa.....	1	1	H61
.....acc <u>CG</u> aagauccgggcuuuu <u>g</u> a.....	1	1	H61
.....acc <u>cu</u> gaagauccgggcuuuu <u>g</u> U.....	1	1	H61
.....acc <u>cu</u> gaagauccgggcuuuu <u>g</u> aU.....	1	1	H61
.....acc <u>cu</u> gaagauccgggcuuuu <u>g</u> uaguguuguuaucaaca.....	1	0	H61
.....cc <u>cu</u> gaagauccgggcuuuu <u>g</u> u.....	3	0	H61
.....agaagcucgucucua <u>c</u> aggua <u>u</u> .....	1	0	H61
.....aCaagcucgucucua <u>c</u> aggua <u>u</u> c.....	1	1	H61
.....agaagcucgucucua <u>c</u> aggua <u>u</u> c.....	20	0	H61
.....gaagcucgucucua <u>c</u> agg.....	1	0	H61
.....gaagcucgucucua <u>c</u> aggC.....	1	1	H61
.....gaagcucUucucua <u>c</u> agg <u>u</u> .....	1	1	H61
.....gaagcucgucucua <u>c</u> agg <u>u</u> .....	9	0	H61
.....gaagcucgucucua <u>c</u> aggua.....	17	0	H61
.....gaagAucgucucua <u>c</u> aggua <u>u</u> .....	1	1	H61
.....gaagcucgucucua <u>c</u> aggua <u>u</u> .....	13	0	H61
.....gaagcucgucucua <u>c</u> aggua <u>u</u> c.....	79	0	H61
.....gaCgcucgucucua <u>c</u> aggua <u>u</u> c.....	1	1	H61
.....gaagcucgucA <u>c</u> ua <u>c</u> aggua <u>u</u> c.....	1	1	H61
.....gaagcucgucucua <u>c</u> aggua <u>u</u> cu.....	40	0	H61
.....gaagcucgucucuaUaggua <u>u</u> cu.....	1	1	H61
.....gaagcucgucucua <u>c</u> aggua <u>u</u> cA.....	1	1	H61
.....gaagcucgucucua <u>c</u> aggua <u>u</u> cuA.....	1	1	H61
.....gaagcucgucucua <u>c</u> aggua <u>u</u> cuU.....	1	1	H61
.....uaccc <u>u</u> gaagaucgggcuuu.....	3	0	A61
.....uaccc <u>u</u> gaagaucgggcuuuU.....	1	1	A61
.....uaccc <u>u</u> gaagaucgggUcuuu <u>g</u> .....	1	1	A61
.....uaccc <u>u</u> gaagaucgggcuuu <u>g</u> .....	1	0	A61
.....uaccc <u>u</u> gaagaucgggcuuuu <u>g</u> u.....	44	0	A61
.....uaccc <u>u</u> gaagaucgggcuuuu <u>g</u> a.....	1	0	A61
.....acc <u>cu</u> gaagaucgggcuuuu <u>g</u> u.....	18	0	A61
.....gaagcucgucucua <u>c</u> aggua <u>u</u> c.....	2	0	A61
.....gaagcucgucucua <u>c</u> aggua <u>u</u> cu.....	2	0	A61
.....uc <u>u</u> accc <u>u</u> gaagaucgggcuu.....	1	0	E23
.....uc <u>u</u> accc <u>u</u> gaagaucgggcuuu.....	1	0	E23
.....cuaccc <u>u</u> gaagaucgggcuuu.....	1	0	E23
.....cuaccc <u>u</u> gaagaucgggcuuu.....	1	0	E23
.....cuaccc <u>u</u> gaagaucgggcuuuu <u>g</u> u.....	6	0	E23
.....cuaccc <u>u</u> gaagaucgggcuuuu <u>g</u> U.....	1	1	E23
.....uaccc <u>u</u> gaagaucgggc.....	1	0	E23
.....uaccc <u>u</u> gaagaucgggc.....	3	0	E23
.....uaccc <u>u</u> gaagaucgggcuu.....	2	0	E23
.....uaccc <u>u</u> gaagaucgggcuuu.....	22	0	E23
.....uaccc <u>u</u> gaagaucgggcuuu.....	144	0	E23

## Mature

## Star

uuuauaggcacaucgugaucuacccugaagauccgggcuuuuguaguguuguuaucaacagaagcucgucucacagguaucucacggcuggaagagaaacaacugcacaaaug

.....uacccugaagauccgggcuAuu.....	1	1	E23
.....uacccugaagauccgggcuuu.....	1	1	E23
.....uacGcuagaagauccgggcuuuug.....	1	1	E23
.....uacccugaagauccggGUCuuuug.....	2	1	E23
.....uacccugaagauccgggcuuuAg.....	1	1	E23
.....uacccugaagauccgggcuuuU.....	7	1	E23
.....uacccugaagauccgggcuuuug.....	168	0	E23
.....uacccugaagauccgggcuuuCg.....	1	1	E23
.....uacccGgaagauccgggcuuuugu.....	1	1	E23
.....uacccugaagauccgggcuuuugu.....	2	1	E23
.....uacccugaagauccgggAuuuugu.....	1	1	E23
.....uacccugaagauccggGUuuugu.....	2	1	E23
.....uacccuUaagauccgggcuuuugu.....	2	1	E23
.....uacccugaagauccgggcuAuugu.....	3	1	E23
.....uacccugaagauccgggcuuuugu.....	3089	0	E23
.....uacccugaagauccGggcuuuugu.....	1	1	E23
.....uacccugaCgaucgggcuuuugu.....	1	1	E23
.....uacccugaagauccgggcuuuAg.....	4	1	E23
.....uacccugaagauccgggcuuuugu.....	2	1	E23
.....uagccugaagauccgggcuuuugu.....	3	1	E23
.....uacccugaagauccgggcuuuugu.....	1	1	E23
.....uaccUgaagauccgggcuuuugu.....	1	1	E23
.....uacccugaagauccgggcuuuugC.....	1	1	E23
.....uacccugaGgaucgggcuuuugu.....	1	1	E23
.....uacccugaagauccgggcuuuCgu.....	3	1	E23
.....uacccugaagaAaccgggcuuuugu.....	1	1	E23
.....uacccugaagauccggGUCuuuugu.....	9	1	E23
.....uacccugaagauccgggcuuuuAg.....	2	1	E23
.....uaAccugaagauccgggcuuuugu.....	3	1	E23
.....uacccugaagauccggGUuuugu.....	1	1	E23
.....uaUccugaagauccgggcuuuugu.....	1	1	E23
.....uacccugaagauccgggcuAuugu.....	3	1	E23
.....uacccugaagauccgggcuuCu.....	2	1	E23
.....uacccAgaagauccgggcuuuugu.....	1	1	E23
.....Gacccugaagauccgggcuuuugu.....	1	1	E23
.....uacccugaagaCccgggcuuuugu.....	1	1	E23
.....uacccugaagauccgggcuuuuG.....	3	1	E23
.....uacccugaagauccgggcuuuugu.....	1	1	E23
.....uacAcugaagauccgggcuuuugu.....	2	1	E23
.....uacccugaagauccgggcuuuGgu.....	1	1	E23
.....uacccugaagauccgggcuuuugu.....	3	1	E23
.....uaccAugaagauccgggcuuuugu.....	1	1	E23
.....uacccugaagCuccgggcuuuugu.....	1	1	E23
.....uacccugaagauccggAcuuuugu.....	5	1	E23
.....uacccugaagauccgggcuuAug.....	3	1	E23
.....uacccugaagauccgCgcuuugu.....	3	1	E23
.....uacccCgaagauccgggcuuuugu.....	2	1	E23
.....uacccuCaagauccgggcuuuugu.....	1	1	E23
.....uaccGugaagauccgggcuuuugu.....	1	1	E23
.....uacccugaagauccUggcuuuugu.....	1	1	E23
.....uacccugaagauccggCcuuuugu.....	7	1	E23
.....uacccugaagauccgUGcuuuugu.....	1	1	E23
.....uacUcuagaagauccgggcuuuugu.....	2	1	E23
.....uacccugaagauccgggcuuuugu.....	46	0	E23
.....uacccugaagauccgggcuuuuG.....	1	1	E23
.....uacccugaagauccgggcuuuuU.....	13	1	E23
.....uacccugaagauccgggcuuuuuaU.....	2	1	E23
.....uacccugaagauccgggcuuuuuaA.....	4	1	E23
.....accugaagauccgggcuuu.....	3	0	E23
.....accugaagauccgggcuuu.....	5	0	E23
.....acGcuagaagauccgggcuuu.....	1	1	E23
.....accugaagauccgggcuuuug.....	42	0	E23
.....accugaagauccggGUuuug.....	1	1	E23
.....accugaagauccgggcuuuuU.....	1	1	E23
.....accugaagauccggGUuuugu.....	3	1	E23
.....accugaagauccgggcuuuugu.....	1003	0	E23
.....accugaagauccggGUuuugu.....	3	1	E23
.....accugaagaAaccgggcuuuugu.....	1	1	E23
.....accugaagauccgggcuAuugu.....	1	1	E23
.....accuCaagauccgggcuuuugu.....	1	1	E23

Star

uuuauaggcacauccgugaucuacccugaaagaucogggcuuuuuguauguguuuaucaacaagaagcucugucucuaacagguaucucacgggcuggaagagaaaacaacugcacaaaug			
.....acccugaagaucogggcuuuuugA.....	1	1	E23
.....acccugaagaucogggAuuuugu.....	1	1	E23
.....acccugaagaucogggcuuAugu.....	1	1	E23
.....acGcugaagaucogggcuuuuugu.....	1	1	E23
.....acccugaagaucogggcuuuuAu.....	1	1	E23
.....acccugaagaucAgggcuuuuugu.....	1	1	E23
.....acccugaagaucogggcuGuugu.....	2	1	E23
.....acAcugaagaucogggcuuuuugu.....	1	1	E23
.....acccugaagaucogggcuCuugu.....	2	1	E23
.....acccugaagaucogggcuuuAgu.....	1	1	E23
.....acccugaagaucogggcuuuugua.....	19	0	E23
.....acccugaagaucogggcuuuuUua.....	1	1	E23
.....acccugaagaucogggAuuuugua.....	1	1	E23
.....acccugaagaucogggcuuuuuguU.....	5	1	E23
.....acccugaagaucogggcuuuuuguaA.....	4	1	E23
.....acccugaagaucogggcuuuuuguauU.....	1	1	E23
.....cccuagaagaucogggcuuuuugu.....	1	0	E23
.....cugaagaucogggcuuuuugu.....	1	0	E23
.....agaagcucgucucuaacaggua.....	4	0	E23
.....agaagcucgucucuaacGgguauc.....	1	1	E23
.....agaagcucgucucuaacagguauc.....	33	0	E23
.....agaagcucgucucuaacagguaA.....	2	1	E23
.....gaagcucgucucuaacagg.....	1	0	E23
.....gaagcucgucucuaacaggu.....	15	0	E23
.....gaagcucgucucuaacaggua.....	25	0	E23
.....gaagcucgucucuaacaggua.....	8	0	E23
.....gaagcucgucucuaacagguauc.....	77	0	E23
.....gaagcucgucucuaaUguauc.....	1	1	E23
.....gaagcucgucucuaacagguaA.....	2	1	E23
.....gaagcucgucAcuacagguauc.....	1	1	E23
.....gaagcucgGcucuaacagguauc.....	1	1	E23
.....gaagcucgucucuaaUguauc.....	1	1	E23
.....gaagcucgucucuaacagguauc.....	62	0	E23
.....gaagcucgucucuaacagguaucU.....	1	1	E23
.....ucuaacccugaagaucogggcuuuuugu.....	1	0	H02
.....cuacccugaagaucogggcuuu.....	2	0	H02
.....cuacccugaagaucogggcuuuug.....	2	0	H02
.....cuacccugaagaucogggcuuuuugu.....	6	0	H02
.....cuacccugaagaucogggcuuuuuguU.....	2	1	H02
.....uacccugaagaucogggcu.....	1	0	H02
.....uacccugaagaucogggcuu.....	2	0	H02
.....uacccugaagaucogggcuuu.....	7	0	H02
.....uaAcugaagaucogggcuuu.....	1	1	H02
.....uacccugaCGaucogggcuuu.....	1	1	H02
.....uacccugaagaucoggGAcuuu.....	2	1	H02
.....uacccugaagaucogggcuuuu.....	69	0	H02
.....uacccugaagaucogggcuuuuU.....	6	1	H02
.....uacAcugaagaucogggcuuuuug.....	1	1	H02
.....uacccugaagaucoggUcuuuug.....	1	1	H02
.....uacccugaagaucogggcuuuuug.....	84	0	H02
.....uacAcugaagaucogggcuuuuugu.....	1	1	H02
.....Aacccugaagaucogggcuuuuugu.....	1	1	H02
.....uaGccugaagaucogggcuuuuugu.....	2	1	H02
.....uacccugaagaucogggGuuuuugu.....	1	1	H02
.....uacccugaagauAcgggcuuuuugu.....	1	1	H02
.....uacccugaagaucUggcuuuuugu.....	1	1	H02
.....uacccugaagaucogggcuuuugA.....	6	1	H02
.....uacccugaagaucogggcuuuCGu.....	2	1	H02
.....uacccugCagaucogggcuuuuugu.....	1	1	H02
.....uacccugaagaucogggcuuuUGgu.....	1	1	H02
.....uacccugaagaucogggcuuAugu.....	4	1	H02
.....uacccugaagaucoggCCuuuugu.....	2	1	H02
.....uacccugaaUaucogggcuuuuugu.....	1	1	H02
.....uacccuUaagaucogggcuuuuugu.....	1	1	H02
.....uacccugaagaucogggcuuuuugG.....	2	1	H02
.....uacccugaagaucogggcuGuugu.....	1	1	H02
.....uaAcugaagaucogggcuuuuugu.....	6	1	H02
.....uacccugaagaAacogggcuuuuugu.....	1	1	H02
.....uacccugaagauccAggcuuuugu.....	1	1	H02

## Mature

## Star

uuuauaggcacaucgugaucuacccugaagauccgggcuuuuguaguguuguuaucaacagaagcucgucucuacagguaucucacggcuggaagagaaacaacugcacaaaug

.....uacccGgaagauccgggcuuuugu.....	2	1	H02
.....uacccugaagCuccgggcuuuugu.....	1	1	H02
.....uacccugaagauccgggUuuuugu.....	1	1	H02
.....uacccugaGgaucgggcuuuugu.....	1	1	H02
.....uacccugaagauccgggcuuuUu.....	2	1	H02
.....uacccugaagauccgggcuuuAgu.....	4	1	H02
.....uacccugaagauccgggcuuGugu.....	2	1	H02
.....uacccugaagauccggAcuuuugu.....	3	1	H02
.....uacccugaagauccggUcuuuugu.....	7	1	H02
.....uacccugaagauccgggcuuCugu.....	1	1	H02
.....uacccugaagauccgggGuuugu.....	1	1	H02
.....uacccugaagauccggGcuugu.....	1	1	H02
.....uaUccugaagauccgggcuuuugu.....	1	1	H02
.....uacccugaagauccgggcuuuugu.....	2	1	H02
.....uacccugaagauccgggcuuuugu.....	2132	0	H02
.....uacccugaagauccgggcuuuuguU.....	22	1	H02
.....uacccugaagauccgggcuuuuguA.....	26	0	H02
.....uacccugaagauccgggcuuuGgua.....	1	1	H02
.....uacccugaagauccgggcuuuuguAU.....	4	1	H02
.....uacccugaagauccgggcuuuuguAA.....	5	1	H02
.....accugaagauccgggcuuuu.....	15	0	H02
.....accugaagauccgggcuuuU.....	1	1	H02
.....accugaagauccgggcuuuug.....	29	0	H02
.....accugaagauccggUcuuuug.....	1	1	H02
.....accugaagauccggGuuuugu.....	2	1	H02
.....acAcugaagauccgggcuuuugu.....	1	1	H02
.....accugaagauccgggcuuuuAu.....	1	1	H02
.....accugaagauccUggcuuuugu.....	1	1	H02
.....accugaagauccAggcuuuugu.....	1	1	H02
.....accugaagauccgggAuuuugu.....	3	1	H02
.....accUugaagauccgggcuuuugu.....	1	1	H02
.....accCGaagauccgggcuuuugu.....	1	1	H02
.....accugaagauccgggcuuuugA.....	1	1	H02
.....accugaagauccgggUuuuugu.....	3	1	H02
.....accugaagauccgggcuuugu.....	1	1	H02
.....accugaagauccgggcuuuugu.....	644	0	H02
.....accugaagauccgggcuuuuguA.....	5	0	H02
.....accugaagauccgggcuuuuguU.....	3	1	H02
.....accugaagauccgggcuuuuguAA.....	2	1	H02
.....agaagcucgucucua <u>caggua</u> U.....	1	1	H02
.....agaagcucgucucua <u>caggua</u> uc.....	17	0	H02
.....gaagcucgucucua <u>cagg</u> u.....	7	0	H02
.....gaagcucgucucua <u>cagg</u> ua.....	3	0	H02
.....gaagcucgucucua <u>caggua</u> .....	3	0	H02
.....gaagcucgucucua <u>caggua</u> uc.....	51	0	H02
.....gaagcucgucucua <u>caggua</u> ucU.....	52	0	H02
.....gaagcucgucucua <u>caggua</u> ucU.....	3	1	H02
.....cuacccugaagauccgggcuuuugu.....	1	0	B02
.....uacccugaagauccgggcuu.....	2	0	B02
.....uacccugaagauccgggcuuu.....	4	0	B02
.....uacccugaagauccgggcuuuu.....	11	0	B02
.....uacccugaagauccgggcuuuug.....	14	0	B02
.....uacccugaagaCccgggcuuuugu.....	1	1	B02
.....uacccugaagauccgggcuuuugu.....	1	1	B02
.....uacccugaagauccgggcuuuugA.....	292	0	B02
.....uacccugaagauccgggcuuuugA.....	1	1	B02
.....uacAcugaagauccgggcuuuugu.....	1	1	B02
.....uacccugaagauccggAcuuuugu.....	1	1	B02
.....uacccugaagauccgggcuuGugu.....	1	1	B02
.....uacccugaagauccgggcuuuugC.....	1	1	B02
.....uacccugaagaCccgggcuuuuguA.....	1	1	B02
.....uacccugaagauccgggcuuuuguA.....	3	0	B02
.....accugaagauccgggcuuuu.....	2	0	B02
.....accugaagauccgggcuuuug.....	4	0	B02
.....accugaagauccgggcuuuCgu.....	1	1	B02
.....accugaagauccgggGuuuugu.....	2	1	B02
.....accugaagauccgggcuuuuCu.....	1	1	B02
.....accugaagauccgggcuuuugu.....	68	0	B02
.....agaagcucgucucua <u>caggua</u> uc.....	3	0	B02

## Mature

## Star

uuuauaggcacaucgugaucuacccugaagaucgggcuuuuguaguguuguuaucaacagaagcucgucucacagguaucucacggcuggaagagaaacaacugcacaaaug

.....gaagcucgucucacaggu.....	1	0	B02
.....gaagcucgucucacagguau.....	1	0	B02
.....gaagcucgucucacagguauc.....	6	0	B02
.....aucuacccugaagaucggg.....	1	0	H21
.....cuacccugaagaucgggcu.....	1	0	H21
.....cuacccugaagaucgggcuuu.....	1	0	H21
.....cuacccugaagaucgggcuuuugu.....	4	0	H21
.....uacccugaagaucgggcu.....	3	0	H21
.....uacccugaagaucgggcuuu.....	12	0	H21
.....uacccugaagaucgggcuuu.....	72	0	H21
.....uacccugaagaucgggUcuuu.....	1	1	H21
.....uacccugaagaucgggAUuu.....	1	1	H21
.....uaAccugaagaucgggcuuuug.....	1	1	H21
.....uacccugaagaucgggcuuuug.....	62	0	H21
.....uacccugaagaucgggcuuuU.....	3	1	H21
.....uacccugaagaucgggcuuuC.....	1	1	H21
.....uacccugaagaucgggAcuuuug.....	1	1	H21
.....uaccAugaagaucgggcuuuug.....	1	1	H21
.....uacccugaagaucAggcuuuugu.....	1	1	H21
.....uacccugaagaucgggcuuuugA.....	11	1	H21
.....uaUccugaagaucgggcuuuugu.....	2	1	H21
.....uacccAgaagaucgggcuuuugu.....	1	1	H21
.....uacccugaagaucgggUgcuuuugu.....	1	1	H21
.....uacccugaagaucCggcuuuugu.....	1	1	H21
.....uacccugaagaucgggAcuuuugu.....	2	1	H21
.....uacccugaagaucgggGUuuugu.....	2	1	H21
.....uaccGugaagaucgggcuuuugu.....	6	1	H21
.....uacccugaagaucgggcuuuUu.....	1	1	H21
.....uacccugaagaucgggcuuAugu.....	1	1	H21
.....uacccugaagaucAgggcuuuugu.....	1	1	H21
.....uacccugaagaucgggAUuuugu.....	2	1	H21
.....uacccugaagaucgggAUuuugu.....	1	1	H21
.....uacccugaagaucgggUcuuuugu.....	1	1	H21
.....uacccugaagaucUggcuuuugu.....	1	1	H21
.....uacccugaagaucgggcuuuugC.....	1	1	H21
.....uacccugaagaucgggcuuuugu.....	1667	0	H21
.....uacccugaagaucgggCUuuugu.....	2	1	H21
.....uaAccugaagaucgggcuuuugu.....	3	1	H21
.....uacccugaagaucgggUuuuugu.....	1	1	H21
.....uacccugCagaucgggcuuuugu.....	1	1	H21
.....uacccugaagaucUcgggcuuuugu.....	1	1	H21
.....uaGccugaagaucgggcuuuugu.....	2	1	H21
.....uacccugaagaucgggcuuGugu.....	3	1	H21
.....uaccAugaagaucgggcuuuugu.....	5	1	H21
.....uacccugaagaucgggcuuuugAa.....	2	1	H21
.....uaccUugaagaucgggcuuuugua.....	1	1	H21
.....uacccugaagaucgggcuuuuguU.....	17	1	H21
.....uacccugaagaucgggcuuuugua.....	28	0	H21
.....uacccugaagaucgggcuuuuguaA.....	6	1	H21
.....uacccugaagaucgggcuuuuguaU.....	4	1	H21
.....accugaagaucgggcuuuu.....	5	0	H21
.....accugaagaucggAgcuuuug.....	1	1	H21
.....accugaagaucUgggcuuuug.....	1	1	H21
.....acAcugaagaucgggcuuuug.....	1	1	H21
.....accugaagaucgggcuuuug.....	32	0	H21
.....accugaagGuccgggcuuuugu.....	1	1	H21
.....accugaagaucAggcuuuugu.....	1	1	H21
.....accugaagaucggAgcuuuugu.....	1	1	H21
.....accugaagaucgggcuuuuAu.....	1	1	H21
.....Gccugaagaucgggcuuuugu.....	1	1	H21
.....accAgaagaucgggcuuuugu.....	1	1	H21
.....accugaagaucgggcuuuugu.....	533	0	H21
.....accugaagaucUggcuuuugu.....	1	1	H21
.....accugaagaucgggcuGuugu.....	1	1	H21
.....accugaagaucgggAUuuuugu.....	1	1	H21
.....accugaaUaucgggcuuuugu.....	2	1	H21
.....accugaagaucgggcuuuuguG.....	1	1	H21
.....accugaagaucgggcuuuuguU.....	7	1	H21
.....accugaagaucUggcuuuugua.....	1	1	H21

## Mature

## Star

uuuauaggcacaucgugauc <u>uacccugaagauccgggcuuuugu</u> aguguuguuaucaacagaagcucgucucuaacagguaucucacggcuggaagagaacaacugcacaaaug			
.....accugaagauccgggcuuuugua.....	12	0	H21
.....accugaagauccgggcuuuuguaU.....	4	1	H21
.....accugaagauccgggcuuuuguaA.....	2	1	H21
.....ccugaagauccgggcuuuugu.....	1	0	H21
.....ugaagauccgggcuuuugu.....	1	0	H21
.....aguguuguuaucaacagaagcucgucucuaacagguauc.....	1	0	H21
.....agaagcucgucucuaacagguua.....	1	0	H21
.....agaagcucgucucuaacagguauc.....	12	0	H21
.....agaagcucgucucuaacagguaucu.....	1	0	H21
.....gaagcucgucucuaacaggu.....	13	0	H21
.....gaagcucgucucuaacagguua.....	33	0	H21
.....gaagcucgucucuaacagguau.....	9	0	H21
.....gaagcucgucucuaacagguauc.....	137	0	H21
.....gaagcucgucucuaacagguAauc.....	1	1	H21
.....gaagcucgucucuaacagguaucu.....	68	0	H21
.....gaagcucgucucuaacagguaucG.....	1	1	H21
.....gaagcucgucucuaacagguaucuU.....	1	1	H21
.....aucuacccugaagauccgggcuuu.....	1	0	E71
.....ucuacccugaagauccgggcuuuU.....	1	1	E71
.....cuacccugaagauccgggcu.....	1	0	E71
.....cuacccugaagauccgggcuuuu.....	1	0	E71
.....cuacccugaagauccgggcuuuug.....	1	0	E71
.....cuacccugaagauccgggcuuuugu.....	2	0	E71
.....uacccugaagauccggAcu.....	1	1	E71
.....uacccugaagauccgggcu.....	1	0	E71
.....uacccugaagauccgggcu.....	1	1	E71
.....uacccugaagauccgggcuu.....	2	0	E71
.....uacccugaagauccgggcuuu.....	20	0	E71
.....uacccugaagauccggAcuuuu.....	1	1	E71
.....uacccugaagauccgggcuuuu.....	123	0	E71
.....uacccugaagauccgggcuuuug.....	131	0	E71
.....uacccugaagauccgggcuuuug.....	1	1	E71
.....uacccugaagauccgggcuuuuU.....	3	1	E71
.....uacccugaagauccgggcuuuug.....	1	1	E71
.....uacccugaagauccUggcuuuug.....	1	1	E71
.....uacccugaagauccggUcuuuug.....	1	1	E71
.....uacccugaagauccgggcuuGugu.....	3	1	E71
.....uacccugaagauccgggUuuuuugu.....	1	1	E71
.....uacccugaagauccgggcuuuugA.....	16	1	E71
.....uacccugaagauccgggcuuuugu.....	1	1	E71
.....uacccugaagauccgggcuuUgu.....	1	1	E71
.....uacccugaagauccgggcuuuugG.....	1	1	E71
.....uacccugaagauccgggcuuuugU.....	1	1	E71
.....uacccugaagauccgggcuuuugU.....	1	1	E71
.....uaUccugaagauccgggcuuuugu.....	1	1	E71
.....uacccugaagauccgggcuuuugu.....	1	1	E71
.....uacccugaagauccgggcuUugu.....	2	1	E71
.....uacccugaagauccgggcuUugu.....	1	1	E71
.....uacccugaagauccgggcuUugu.....	2	1	E71
.....uacccCgaagauccgggcuuuugu.....	1	1	E71
.....uacccugaagauccCggcuuuugu.....	1	1	E71
.....uacccugaagauccgggcuuuuAgu.....	3	1	E71
.....uacccugaagauccggUcuuuugu.....	4	1	E71
.....uacccugaCgaucgggcuuuugu.....	1	1	E71
.....uaGccugaagauccgggcuuuugu.....	5	1	E71
.....uacccugaagauccgggGuuugu.....	3	1	E71
.....uacccugaagauccggCcuuuugu.....	2	1	E71
.....uaAccugaagauccgggcuuuugu.....	4	1	E71
.....uacccugaagauAccgggcuuuugu.....	1	1	E71
.....uacccGgaagauccgggcuuuugu.....	1	1	E71
.....uacccugaagauccgggcuuuugG.....	2	1	E71
.....uacccugaagauccgggcuuuugu.....	2494	0	E71
.....uacccugaagauccgggcuUugu.....	1	1	E71
.....uacccugaagauccgggCuuugu.....	3	1	E71
.....uacccugaGgaucgggcuuuugu.....	1	1	E71
.....uacccugaagauccgggcuuUgu.....	2	1	E71
.....uacCaugaagauccgggcuuuugu.....	2	1	E71
.....uacccugaagauccgggcuuuuUu.....	2	1	E71
.....uacccugaagauccggAcuuuugu.....	1	1	E71
.....uacccugaaUaucgggcuuuugu.....	2	1	E71
.....uacccugaagauccgggcuuuugua.....	33	0	E71

## Mature

## Star

uuuauaggcacaucgcgugaucuacccugaagauccgggcuuuuuguaguguuguuaucaacagaagcucgucucuaacagguaucucacggcuggaagagaaacaacugcacaaaug

.....uacccugaagauccgggcuuuuuguU.....	21	1	E71
.....uacccugaagauccgggcuuuuuguAU.....	2	1	E71
.....uacccugaagauccgggcuuuuuguag.....	2	0	E71
.....uacccugaagauccgggcuuuuuguAA.....	4	1	E71
.....uacccugaagauccgggcuuuuuguagug.....	1	0	E71
.....accugaagauccgggcuuu.....	2	0	E71
.....accugaagauccgggcuuuu.....	10	0	E71
.....accCGaagauccgggcuuuuug.....	1	1	E71
.....accugaagauccgggcuuuug.....	1	1	E71
.....accugaagauccgggcuuuuU.....	1	1	E71
.....accugaagauccgggcuuuuug.....	59	0	E71
.....accugaagauccgggGuuuug.....	1	1	E71
.....accugaagauccggGAcuuuuugu.....	1	1	E71
.....accugaagauccgggGuuuugu.....	1	1	E71
.....accugaagauccgggAuuuugu.....	1	1	E71
.....acAcugaagauccgggcuuuuugu.....	1	1	E71
.....acUcugaagauccgggcuuuuugu.....	1	1	E71
.....accugaagauccUggcuuuugu.....	1	1	E71
.....accugaagauccgggUuuuuugu.....	3	1	E71
.....accAugaagauccgggcuuuuugu.....	2	1	E71
.....accugaagauccgggcuuuuugu.....	965	0	E71
.....accugaagauccgggcuuuuugA.....	4	1	E71
.....accugaagauccgggcuuuuugG.....	1	1	E71
.....accugaagauccGgcuuuuugu.....	1	1	E71
.....accugaagauccgggcuuuuugC.....	1	1	E71
.....accugaagaCccgggcuuuuugu.....	1	1	E71
.....accugaagauccgggcCuuugu.....	1	1	E71
.....accugaagauccgggcuuuuuguU.....	4	1	E71
.....accugaagauccgggcuuuuuguA.....	9	0	E71
.....accugaagauccgggcuuuuuguAU.....	1	1	E71
.....accugaagauccgggcuuuuuguAA.....	1	1	E71
.....Gccugaagauccgggcuuuuugu.....	1	1	E71
.....agaagcucgucucuaacaggu.....	1	0	E71
.....agaagcucgucucuaacaggua.....	1	0	E71
.....agaagcucgucucuaacagguauc.....	28	0	E71
.....agaagcucgucucuaacGgguauc.....	1	1	E71
.....agaagcucgucucuaacagguaucu.....	1	0	E71
.....agaagcucgucucuaacagguaucU.....	1	1	E71
.....gaagcucgucucuaacaCgu.....	1	1	E71
.....gaagcucgucucuaacaggu.....	2	0	E71
.....gaagcucgucucuaacaggua.....	15	0	E71
.....gaagcucgucucuaacagguau.....	5	0	E71
.....gaagcucgucucuaacagguauc.....	76	0	E71
.....gaagcucgucucuaacagguaGc.....	1	1	E71
.....gaagcucgucucuaacaCguauc.....	1	1	E71
.....gaagcucgucucuaacaUguauc.....	1	1	E71
.....gaGgcucgucucuaacagguauc.....	2	1	E71
.....gaagcucgucucuaacaUguauc.....	1	1	E71
.....gaagcucgucucuaacagguaucu.....	23	0	E71
.....gaagcucgucucuaacagguaucA.....	1	1	E71
.....aucuacccugaagauccgggc.....	4	0	E22
.....aucuacccugaagauccgggcuuu.....	5	0	E22
.....aucuacccugaagauccAgggcuuu.....	1	1	E22
.....aucuacccugaagauccgggcuuuuUu.....	1	1	E22
.....aucuacccugaagauccgggcuuuuugu.....	3	0	E22
.....ucuacccugaagauccgggcuuuuuguagu.....	1	0	E22
.....cuacccugaagauccgggcuu.....	2	0	E22
.....Auacccugaagauccgggcuuuuug.....	1	1	E22
.....Uuacccugaagauccgggcuuuuugu.....	1	1	E22
.....cuacccugaagauccgggcuuuuugu.....	11	0	E22
.....cuacccugaagauccgggcuuuuugA.....	1	1	E22
.....cuacccugaagauccgggcuuuuuguAU.....	1	1	E22
.....uacccugaagauccgggc.....	7	0	E22
.....uacccugaagauccgggcuu.....	13	0	E22
.....uacccugaagauccggUcuuu.....	1	1	E22
.....uacccugaagauccgggcuuu.....	32	0	E22
.....uacccugaagauccggGcuuu.....	1	1	E22
.....uaccUugaagauccgggcuuu.....	1	1	E22
.....uacccugaagauccgggUuuu.....	1	1	E22



## Mature

## Star

uuuauaggcacaucgugaucuacccugaagauccgggcuuuuguaguguuguuuaucaacagaagcucgucucucacagguaucucacggcuggaagagaaacaacugcacaaaug

.....uacccugaagauccgggcuuAu.....	1	1	E22
.....uacccugaagauccgggcuuu.....	232	0	E22
.....uacccugaagauccgggcuuG.....	1	1	E22
.....uacccugaagauccgggcuuGu.....	1	1	E22
.....uacccugaagauccgggAcuuuu.....	3	1	E22
.....uacccugaagauccgggcuuCug.....	1	1	E22
.....uacccugaaUauccgggcuuuug.....	1	1	E22
.....uacccugaagauccgggAcuuuuug.....	1	1	E22
.....uacccugaagauccgggUcuuuug.....	1	1	E22
.....uacccugaagauccgggGuuug.....	1	1	E22
.....uaccUugaagauccgggcuuuug.....	1	1	E22
.....uaUccugaagauccgggcuuuug.....	1	1	E22
.....uacccugaagauccgggcuuuU.....	6	1	E22
.....uacccugaagauccgggcuuuA.....	1	1	E22
.....uacccugaagauccgggcuuuug.....	275	0	E22
.....uacccugaagauccgggGuuugu.....	3	1	E22
.....uacccugaagauccggGcuuuugu.....	6	1	E22
.....uacccugaagauccAgggcuuuugu.....	2	1	E22
.....uacccugaagauccgggUuuugu.....	1	1	E22
.....uacccugaCgauccgggcuuuugu.....	1	1	E22
.....uacccugaagauccUgggcuuuugu.....	1	1	E22
.....uacccugaagauUcgggcuuuugu.....	2	1	E22
.....uacccugaagauccgggAcuuugu.....	15	1	E22
.....uacccugaagauccggGuuugu.....	2	1	E22
.....uacccugaagCuccgggcuuuugu.....	1	1	E22
.....uacccugaaUauccgggcuuuugu.....	2	1	E22
.....uacccugaagauccggUcuuuugu.....	13	1	E22
.....uacccugaagauAcgggcuuuugu.....	1	1	E22
.....uacccugaagGuccgggcuuuugu.....	1	1	E22
.....uaUccugaagauccgggcuuuugu.....	1	1	E22
.....uaGccugaagauccgggcuuuugu.....	7	1	E22
.....uaccAugaagauccgggcuuuugu.....	4	1	E22
.....uacccugaagUuccgggcuuuugu.....	1	1	E22
.....uacccugaagauccgggcuuCugu.....	3	1	E22
.....uacccuAaagauccgggcuuuugu.....	1	1	E22
.....uacccugaagauccgggcuuuuGA.....	18	1	E22
.....Aacccugaagauccgggcuuuugu.....	2	1	E22
.....uacccugaagauccgggcuuuugu.....	5838	0	E22
.....uacccugaagauccUggcuuuugu.....	3	1	E22
.....uacccugaagauccgggGcuuuugu.....	9	1	E22
.....uacccGgaagauccgggcuuuugu.....	1	1	E22
.....uacccugaagauccgggGcuuuugu.....	3	1	E22
.....uacccugaagauccAggcuuuugu.....	1	1	E22
.....uacccugaagauGcgggcuuuugu.....	1	1	E22
.....uaccUugaagauccgggcuuuugu.....	2	1	E22
.....uacccugaagauccgggcuuGugu.....	4	1	E22
.....uaAccugaagauccgggcuuuugu.....	9	1	E22
.....uacccugaagauccgggcuuuuGC.....	3	1	E22
.....uacccugaaCauccgggcuuuugu.....	1	1	E22
.....uacccugaagauccgggcuuuCgu.....	2	1	E22
.....uacccugaagauccgggcuuuAgu.....	5	1	E22
.....uacccugaagauccgUgcuuugu.....	2	1	E22
.....uacccugaagauccgggcuuAuugu.....	3	1	E22
.....uacccugaagauccgAgcuuuugu.....	2	1	E22
.....uacccugaagauccgggcuuAugu.....	6	1	E22
.....uacccugaagauccgggcuuuGgu.....	2	1	E22
.....uacccugaagauccgggcuuuUu.....	2	1	E22
.....Cacccugaagauccgggcuuuugu.....	2	1	E22
.....uacccugaagauccgggGcuuuugu.....	8	1	E22
.....uacccugaagauccgggcuuuuugG.....	1	1	E22
.....Aacccugaagauccgggcuuuuugua.....	1	1	E22
.....uacccugaagauccgggcuuuuugua.....	87	0	E22
.....uacccugaagauccgggcuuuuugAa.....	2	1	E22
.....uacccugaagauccgggcuuuuuguU.....	39	1	E22
.....uaAccugaagauccgggcuuuuugua.....	1	1	E22
.....uacccugaagauccgggcuuuuugag.....	1	0	E22
.....uacccugaagauccgggcuuuuuguaU.....	5	1	E22
.....uacccugaagauccgggcuuuuuguaA.....	11	1	E22
.....uacccugaagauccgggcuuuuugaguguuauauc.....	2	0	E22
.....uacccugaagauccgggcuuuuugaguguuauaaca.....	1	0	E22

## Mature

Star

uuuaugggcacaucccgugaucuaccucgaagacucgggcuuuuguguguuaucaacagagcucgucucucacagguaucacggcguggaagagaacaacugcacaaaug			
.....accucgaagacucgggUuuu.....	1	1	E22
.....accucgaagacucgggcuuu.....	4	0	E22
.....accucgaagacucgggcuuuu.....	25	0	E22
.....accucgaagacucgggGuuuug.....	1	1	E22
.....accucgaagacucgggcuuuug.....	88	0	E22
.....accucgaagacucAggcuuuug.....	1	1	E22
.....accAugaagacucgggcuuuug.....	1	1	E22
.....accucgaagacucgggcuuuuU.....	1	1	E22
.....accucgaagacucgggcuuuGgu.....	2	1	E22
.....accucgaagGucgggcuuuug.....	1	1	E22
.....accCGaagacucgggcuuuug.....	1	1	E22
.....Gccucgaagacucgggcuuuug.....	1	1	E22
.....accucgaagacucgCgcuuuug.....	1	1	E22
.....accucgaagaAcgggcuuuug.....	1	1	E22
.....accucgaagacucgggcuGuuug.....	3	1	E22
.....accucgaaUaucgggcuuuug.....	2	1	E22
.....accCuAaagacucgggcuuuug.....	1	1	E22
.....acAcugaagacucgggcuuuug.....	2	1	E22
.....accucgaagacucgggcuuuAgu.....	2	1	E22
.....accCuUaagacucgggcuuuug.....	2	1	E22
.....accucgaagacucgggUuuuug.....	1	1	E22
.....accucgaagacucUggcuuuug.....	1	1	E22
.....accucgaagacucgggcuCuug.....	2	1	E22
.....accucgaagacucgggcuuuCgu.....	1	1	E22
.....accucgaUgaucgggcuuuug.....	1	1	E22
.....accucgaagacucgggAuuuug.....	5	1	E22
.....accucgaagacucgggcuuuuG.....	1	1	E22
.....accucgaagacucgggGuuuug.....	6	1	E22
.....accucgaagacucgggcuuCgu.....	1	1	E22
.....accucgaagacucgggcuuuug.....	1927	0	E22
.....acGcugaagacucgggcuuuug.....	3	1	E22
.....accucgaagacucgggcuuuuGA.....	3	1	E22
.....accucgaagacucgggcuAuug.....	1	1	E22
.....accCuCaagacucgggcuuuug.....	2	1	E22
.....accucgaagauAcgggcuuuug.....	1	1	E22
.....accucgaagacucgggcuuuugua.....	30	0	E22
.....accucgaagacucgggcuuuugU.....	3	1	E22
.....accucgaagacucgggcuuuuguaA.....	2	1	E22
.....accucgaagacucgggcuuuuguaU.....	3	1	E22
.....accucgaagacucgggcuuuugaguuguuuauca.....	1	0	E22
.....accucgaagacucgggcuuuugaguuguuuaucaac.....	1	0	E22
.....ccucgaagacucgggcuuuug.....	2	0	E22
.....cugaagacucgggcuuuugaguuguuuaucaac.....	1	0	E22
.....ugaagacucgggcuuuug.....	1	0	E22
.....cagaagcucgucucacagguauc.....	1	0	E22
.....agaagcucgucucacaggu.....	2	0	E22
.....agaagcucgucucacaggua.....	1	0	E22
.....agaagcucgucucacaggua.....	7	0	E22
.....agaagcucgucucacagguauc.....	44	0	E22
.....agGagcucgucucacagguauc.....	1	1	E22
.....agaagcucgucucacagguauc.....	3	0	E22
.....gaagcucgucucacaggu.....	23	0	E22
.....gaagcucgucucacaggua.....	17	0	E22
.....gaagcucgucucacagguau.....	16	0	E22
.....gaagcucgucucacaggAauc.....	1	1	E22
.....gaagcucgucucGcagguauc.....	1	1	E22
.....gaagcucgucucacagguauc.....	165	0	E22
.....gaagcucgucucacagguauc.....	66	0	E22
.....gaagcucgucucacagguaucU.....	1	1	E22
.....aucuaccucgaagacucgggcuuu.....	1	0	H64
.....cuaccucgaagacucgggcuuuu.....	1	0	H64
.....cuaccucgaagacucgggcuuuug.....	1	0	H64
.....cuaccucgaagacucgggcuuuug.....	12	0	H64
.....cuaccucgaagacucgggcuuuuGA.....	1	1	H64
.....uaccucgaagacucgggcu.....	6	0	H64
.....uaccUugaagacucgggcu.....	1	1	H64
.....uaccucgaagacucgggcu.....	7	0	H64
.....uaccucgaagacucgggcuuu.....	37	0	H64
.....uaccucgaagacucgggGuuu.....	1	1	H64

## Mature

## Star

uuuauaggcacaucgugaucuacccugaagauccgggcuuuuguaguguuguuaucaacagaagcucgucucacagguaucucacggcuggaagagaaacaacugcacaaaug

. . . . .	.uacccugaagauccgUgcuuuu. . . . .	1	1	H64
. . . . .	.uacccugaagauccgggcuuuG. . . . .	1	1	H64
. . . . .	.uacccugaagauccgggcuuuu. . . . .	165	0	H64
. . . . .	.uacccugaagauccggAcuuuu. . . . .	1	1	H64
. . . . .	.uaGccugaagauccgggcuuuug. . . . .	1	1	H64
. . . . .	.uacccugaagauccgggcuuuuA. . . . .	2	1	H64
. . . . .	.uacccugaagauccgggcuuuug. . . . .	105	0	H64
. . . . .	.uacccugaagauccgggcuuuuU. . . . .	11	1	H64
. . . . .	.uacccugaagauccgggcuuAug. . . . .	1	1	H64
. . . . .	.uaccUugaagauccgggcuuuugu. . . . .	1	1	H64
. . . . .	.uacccuAaagauccgggcuuuugu. . . . .	1	1	H64
. . . . .	.uacccugCagaucgggcuuuugu. . . . .	1	1	H64
. . . . .	.uacccugaagauccgUgcuuugu. . . . .	2	1	H64
. . . . .	.uacccugaagauccgggcuuGugu. . . . .	1	1	H64
. . . . .	.Aacccugaagauccgggcuuuugu. . . . .	1	1	H64
. . . . .	.uacccugaagauccgggcuuuuAu. . . . .	3	1	H64
. . . . .	.uacccCgaagauccgggcuuuugu. . . . .	1	1	H64
. . . . .	.uacccugaagaAacgggcuuuugu. . . . .	2	1	H64
. . . . .	.uaGccugaagauccgggcuuuugu. . . . .	4	1	H64
. . . . .	.uacccugaagauccgggcuuuuugG. . . . .	1	1	H64
. . . . .	.uacccugaagauccgggcGuuugu. . . . .	5	1	H64
. . . . .	.uacccugaagaCccgggcuuuugu. . . . .	1	1	H64
. . . . .	.uacccugaagauUgggcuuuugu. . . . .	1	1	H64
. . . . .	.uacccugaagauccgggcuuuuugA. . . . .	22	1	H64
. . . . .	.uacccugaagauccAggcuuuugu. . . . .	5	1	H64
. . . . .	.uacUcugaagauccgggcuuuugu. . . . .	1	1	H64
. . . . .	.uacccugaagauccgggcuuuugC. . . . .	1	1	H64
. . . . .	.uacccugGagaucgggcuuuugu. . . . .	3	1	H64
. . . . .	.uacccugaagauccUggcuuuugu. . . . .	3	1	H64
. . . . .	.uacAcugaagauccgggcuuuugu. . . . .	1	1	H64
. . . . .	.uacccugaagauccgggcuuuugu. . . . .	3121	0	H64
. . . . .	.uaUccugaagauccgggcuuuugu. . . . .	1	1	H64
. . . . .	.uacccugaagauccggCcuuuugu. . . . .	4	1	H64
. . . . .	.uacccugaGgaucgggcuuuugu. . . . .	2	1	H64
. . . . .	.uacccugaagauccggAcuuugu. . . . .	2	1	H64
. . . . .	.uacccugaagauGcgggcuuuugu. . . . .	1	1	H64
. . . . .	.uacccugaagauccgggUuuugu. . . . .	1	1	H64
. . . . .	.uacccugaagauccgggcUuuugu. . . . .	4	1	H64
. . . . .	.uacccugaagauccAgggcuuuugu. . . . .	1	1	H64
. . . . .	.Cacccugaagauccgggcuuuugu. . . . .	3	1	H64
. . . . .	.uaAccugaagauccgggcuuuugu. . . . .	9	1	H64
. . . . .	.uacccugaagauccgggcuuCuugu. . . . .	2	1	H64
. . . . .	.uacccugaagauccgggcAuugu. . . . .	1	1	H64
. . . . .	.uacccugaagauccgggcuuuuUu. . . . .	11	1	H64
. . . . .	.uacccugaagauccgCgcuuugu. . . . .	2	1	H64
. . . . .	.uacccuCaagaucgggcuuuugu. . . . .	1	1	H64
. . . . .	.uaccAugaagauccgggcuuuugu. . . . .	9	1	H64
. . . . .	.uGccugaagauccgggcuuuugu. . . . .	2	1	H64
. . . . .	.uUccugaagauccgggcuuuugu. . . . .	1	1	H64
. . . . .	.uaccGugaagauccgggcuuuugu. . . . .	6	1	H64
. . . . .	.uacccugaagauccgggcuuuuugU. . . . .	35	1	H64
. . . . .	.uacccugaagauccgggcuuuugua. . . . .	69	0	H64
. . . . .	.uacccugaagauccgggcAuuuugua. . . . .	1	1	H64
. . . . .	.uacccugaagauccgggcuuuuugG. . . . .	1	1	H64
. . . . .	.uacccugaagauccgggcuuuuguaA. . . . .	4	1	H64
. . . . .	.uacccugaagauccgggcuuuuguaU. . . . .	12	1	H64
. . . . .	.uacccugaagauccgggcuuuuguaAu. . . . .	2	1	H64
. . . . .	.uacccugaagauccgggcuuuuguaUu. . . . .	2	1	H64
. . . . .	. . . . .acccugaagauccgggcu. . . . .	6	0	H64
. . . . .	. . . . .acccugaagauccgggcuuu. . . . .	3	0	H64
. . . . .	. . . . .acccugaagauccgggcuuuu. . . . .	22	0	H64
. . . . .	. . . . .acccugaagauccgggcuuuAg. . . . .	1	1	H64
. . . . .	. . . . .acccugaagauccgggcuuuug. . . . .	49	0	H64
. . . . .	. . . . .acccugaagauccUggcuuuugu. . . . .	2	1	H64
. . . . .	. . . . .acccugaagauccggUcuuuugu. . . . .	1	1	H64
. . . . .	. . . . .acGcugaagauccgggcuuuugu. . . . .	2	1	H64
. . . . .	. . . . .acccugaagauccgggcuuuAgu. . . . .	3	1	H64
. . . . .	. . . . .acccuCaagaucgggcuuuugu. . . . .	1	1	H64
. . . . .	. . . . .acccugaagauccgggcuAuugu. . . . .	2	1	H64
. . . . .	. . . . .acccugaagauccgggcuuuugC. . . . .	1	1	H64

## Mature

## Star

uuuauaggcacaucgugaucuacccugaaagauccgggcuuuuuguaguguuguuaucaacagaagcucgucucuaacagguaucucacggcuggaagagaaacaacugcacaaaug

.....acAcugaagauccgggcuuuugu.....	3	1	H64
.....accuAaagauccgggcuuuugu.....	2	1	H64
.....accugaagauccgggUuuuugu.....	2	1	H64
.....accugaagauccgggcuuuugA.....	3	1	H64
.....accugaagauccgggcuuuuugG.....	1	1	H64
.....acUcugaagauccgggcuuuugu.....	1	1	H64
.....accugaagauccgggAuuuugu.....	2	1	H64
.....accugaagauccgggcuuuugu.....	1027	0	H64
.....accugaagauccgggcuuuuUu.....	1	1	H64
.....accugaagauccggAcuuuugu.....	1	1	H64
.....accGgaagauccgggcuuuugu.....	2	1	H64
.....accugaagauccgggcuuuuguU.....	15	1	H64
.....accugaagauccgggcuuuugua.....	27	0	H64
.....accugaagauccgggcuuuuguaU.....	2	1	H64
.....accugaagauccgggcuuuuguaAu.....	2	1	H64
.....accugaagauccgggcuuuuguaUu.....	1	1	H64
.....ccugaagauccgggcuuuugu.....	2	0	H64
.....ccugaagauccgggcuuuu.....	1	0	H64
.....cugaagauccgggcuuuugu.....	2	0	H64
.....gaagauccgggcuuuuUu.....	1	1	H64
.....agaagcucgucucuaacaggu.....	1	0	H64
.....agaagcucgucucuaacaggua.....	2	0	H64
.....agaagcucgucucuaacagguau.....	2	0	H64
.....agaagcucgucucUacagguauc.....	1	1	H64
.....agaagcucgucucuaacagguauc.....	45	0	H64
.....gaagcucgucucuaacagg.....	2	0	H64
.....gaagcucgucucuaacaggu.....	11	0	H64
.....gaagAucgucucuaacaggu.....	1	1	H64
.....gaagcucgucucuaacaggua.....	20	0	H64
.....gaagcucgucucuaacagguau.....	20	0	H64
.....gaagcucgucucuaacagguauc.....	172	0	H64
.....gaagcucgucucuaacaggCauc.....	1	1	H64
.....gaagcucgucucuaAagguauc.....	3	1	H64
.....gaagGucgucucuaacagguauc.....	1	1	H64
.....Uaagcucgucucuaacagguauc.....	1	1	H64
.....gaagcucgucucuaAagguaucu.....	1	1	H64
.....gaagcucgucucuaacagguaucC.....	1	1	H64
.....gaagcucgucucuaacagguaucu.....	66	0	H64
.....gaagcucgucucuaacagguaucA.....	1	1	H64
.....gaagcucgucucuaacagguaucuU.....	2	1	H64
.....aucuacccugaagauccgggcu.....	1	0	H22
.....ucuacccugaagauccgggcuu.....	1	0	H22
.....ucuacccugaagauccgggcuuuugu.....	1	0	H22
.....cuacccugaagauccgggcuuuug.....	2	0	H22
.....cuacccugaagauccgggcuuuugu.....	16	0	H22
.....cuacccugaagauccgggcuuuugua.....	2	0	H22
.....cuacccugaagauccgggcuuuuguU.....	2	1	H22
.....uacccugaagauccgggcu.....	9	0	H22
.....uacccugaagauccgggcuu.....	6	0	H22
.....uacccugaagauccgggcuuu.....	43	0	H22
.....uaccAugaagauccgggcuuuu.....	1	1	H22
.....uacccugaagauccgggcuuuu.....	251	0	H22
.....uacccugaagauccgggcuuGu.....	3	1	H22
.....uacccugaagauccgggAuuu.....	1	1	H22
.....uaccGugaagauccgggcuuuu.....	1	1	H22
.....uaAccugaagauccgggcuuuu.....	1	1	H22
.....uacccugaagauccgCgcuuuug.....	1	1	H22
.....uacccugaagauccgggcuuuug.....	202	0	H22
.....uacccugaagauccgggCuuuug.....	1	1	H22
.....uacccugaaCauccgggcuuuug.....	1	1	H22
.....uacccugaagauccgggcuuuuU.....	11	1	H22
.....uacccugaagauccgggAuuug.....	1	1	H22
.....uacccugaagauccgggcuuuuC.....	1	1	H22
.....Cacccugaagauccgggcuuuug.....	1	1	H22
.....uacccugaagauAccgggcuuuug.....	1	1	H22
.....uacccugaagauccggCcuuuugu.....	2	1	H22
.....uacccugaagauccUggcuuuugu.....	4	1	H22
.....uacccugaagauAccgggcuuuugu.....	2	1	H22
.....uacccugaagauccgggcuAuugu.....	1	1	H22

## Mature

## Star

uuuauaggcacaucgugaucuacccugaagaucccgggcuuuuguaguguuguuaucaacagaagcucgucucuacagguaucucacggcuggaagagaaacaacugcacaaaug

.....uacccugaUgauc	ccgggcuuuugu.....	1	1	H22
.....uacccuUaagauc	ccgggcuuuugu.....	1	1	H22
.....uaAccugaagauc	ccgggcuuuugu.....	10	1	H22
.....uUccugaagauc	ccgggcuuuugu.....	1	1	H22
.....uacccugaagauc	ccgggcuuAugu.....	6	1	H22
.....uaUccugaagauc	ccgggcuuuugu.....	7	1	H22
.....uacccugaagauc	ccgggcuuuAgu.....	1	1	H22
.....uacccugaagauc	ccgggcuuuuugA.....	22	1	H22
.....uaccUugaagauc	ccgggcuuuugu.....	5	1	H22
.....uaccAugaagauc	ccgggcuuuugu.....	11	1	H22
.....uacccugaagaCcc	gggcuuuugu.....	1	1	H22
.....uacccugaagauc	cgAgcuuuugu.....	1	1	H22
.....uacccugaagauc	ccgggUuuugu.....	3	1	H22
.....uaccGuugaagauc	ccgggcuuuugu.....	2	1	H22
.....uacccugaagauc	ccgggcuuuUu.....	4	1	H22
.....uCccugaagauc	ccgggcuuuugu.....	1	1	H22
.....uacccCgaagauc	ccgggcuuuugu.....	1	1	H22
.....uacccugaagauc	ccgggcuuuuugG.....	3	1	H22
.....uacccugaagauc	Agggcuuuugu.....	1	1	H22
.....uacUcugaagauc	ccgggcuuuugu.....	2	1	H22
.....uacccugaagauc	cgUgcuuugu.....	1	1	H22
.....uacccugaagauc	ccgggcCuugu.....	1	1	H22
.....uacccugaagauc	ccgggAcuuugu.....	3	1	H22
.....uacccugaagauc	ccgggcCuugu.....	1	1	H22
.....uacccugaagauc	ccgggcGuugu.....	7	1	H22
.....uacccugaCgauc	ccgggcuuuugu.....	1	1	H22
.....uacccugaagauc	ccgggcuuuCu.....	3	1	H22
.....uacccugaagauc	ccgggcCuugu.....	2	1	H22
.....uacccugaagauc	ccAggcuuugu.....	5	1	H22
.....uacccugaagauc	ccgggcuuuugu.....	4584	0	H22
.....uacccugaagGuc	ccgggcuuuugu.....	1	1	H22
.....uacccugaagauc	Ugggcuuuugu.....	1	1	H22
.....uacccuAaagauc	ccgggcuuuugu.....	2	1	H22
.....uacccugaagCuc	ccgggcuuuugu.....	1	1	H22
.....uaGccugaagauc	ccgggcuuuugu.....	3	1	H22
.....uacccugaagauc	ccgggcuuuuAu.....	2	1	H22
.....uacccugaagauUc	gggcuuuugu.....	1	1	H22
.....uacccugaagauc	ccgggcAuugu.....	2	1	H22
.....uacccugaagauc	ccgggcuuuuugAa.....	3	1	H22
.....uacccugaagauc	ccgggcuuuugua.....	68	0	H22
.....uacccugaagauc	ccgggcuuuuguG.....	1	1	H22
.....uacccugaagauc	ccgggcuuuuguU.....	65	1	H22
.....uacccugaagauc	ccgggcuuuuguuaU.....	14	1	H22
.....uacccugaagauc	ccgggcuuuuguuaA.....	16	1	H22
.....uacccugaagauc	ccgggcuuuuguuaUu.....	3	1	H22
.....uacccugaagauc	ccgggcuuuuguaguguuguuaucaaca.....	5	0	H22
.....accugaagauc	ccgggcuu.....	1	0	H22
.....accugaagauc	ccgggcuu.....	6	0	H22
.....accugaagauc	ccgggcuuu.....	21	0	H22
.....accugaagauc	ccgggcuuuuug.....	84	0	H22
.....accugaagauc	ccgggcuuuuU.....	1	1	H22
.....accugaagauc	ccgggcGuuug.....	1	1	H22
.....accugaagauc	ccggUcuuuug.....	1	1	H22
.....accugaagCucc	gggcuuuugu.....	1	1	H22
.....accugaagauc	ccgggcuuuGgu.....	1	1	H22
.....acAcugaagauc	ccgggcuuuugu.....	1	1	H22
.....accugaagauc	cgUgcuuugu.....	1	1	H22
.....accugaagauc	ccgggcuuuAgu.....	1	1	H22
.....accugaagauc	ccgggcCuugu.....	2	1	H22
.....accugaagauGc	gggcuuuugu.....	1	1	H22
.....accugaagauc	ccgggcuuuUu.....	1	1	H22
.....accugaagauc	ccAggcuuugu.....	1	1	H22
.....accGgaagauc	ccgggcuuuugu.....	2	1	H22
.....accGAgaagauc	ccgggcuuuugu.....	2	1	H22
.....accugaagauc	ccgggcAuugu.....	1	1	H22
.....accugaagauc	ccGgcuuugu.....	1	1	H22
.....Uccugaagauc	ccgggcuuuugu.....	1	1	H22
.....accugaUgauc	ccgggcuuuugu.....	1	1	H22
.....accugaagauc	ccgggUuuugu.....	1	1	H22
.....accuAaagauc	ccgggcuuuugu.....	1	1	H22

## Mature

## Star

uuuauaggcacaucgugauc <u>uacccugaagauccgggcuuuugu</u> aguguuguuaucaaca <u>gaagcucgucucua</u> cagguaucucacggcuggaagagaaacaacugcacaaaug			
.....accugaagauccgggcuuuugu.....	2	1	H22
.....accCGaagauccgggcuuuugu.....	1	1	H22
.....accCGaagauccgAgcuuuugu.....	1	1	H22
.....accugaagauccgggcuuuCgu.....	1	1	H22
.....accugaagauUcgggcuuuugu.....	1	1	H22
.....accugaagauccgggcuuuugu.....	2	1	H22
.....accugaagauAcgggcuuuugu.....	1	1	H22
.....accugGagauccgggcuuuugu.....	1	1	H22
.....accAugaagauccgggcuuuugu.....	1	1	H22
.....accugaagauccgggcuuuuugA.....	10	1	H22
.....acUcugaagauccgggcuuuugu.....	2	1	H22
.....accugaagauccgggcuuuugu.....	1514	0	H22
.....accugCagauccgggcuuuugu.....	1	1	H22
.....acGcugaagauccgggcuuuugu.....	1	1	H22
.....accugaagauccgggcuuuuugG.....	1	1	H22
.....accugaagauccgggcuuuuCu.....	1	1	H22
.....accugaagauccgggcuuuuguU.....	19	1	H22
.....accugaagauccgggcuuuugua.....	30	0	H22
.....accugaagauccgggcuuuuguaU.....	6	1	H22
.....accugaagauccgggcuuuuguaA.....	8	1	H22
.....accugaagauccgggcuuuuguaUu.....	3	1	H22
.....accugaagauccgggcuuuuguUgu.....	1	1	H22
.....accugaagauccgggcuuuuguaguguuguuaucaaca.....	1	0	H22
.....ccugaagauccgggcuu.....	1	0	H22
.....Accugaagauccgggcuuuugu.....	1	1	H22
.....ccugaagauccgggcuuuugu.....	4	0	H22
.....ccugaagauccgggcuuuugu.....	2	0	H22
.....cugaagauccgggcuuuugu.....	1	0	H22
.....uaguguuguuaucaacagaagcucgucucuacagguauc.....	2	0	H22
.....agaagcucgucucuacagggu.....	1	0	H22
.....agaagcucgucucuacaggguau.....	2	0	H22
.....agaagcucgucucuacaggguGuc.....	1	1	H22
.....agaagcucgucucuacaggguauG.....	1	1	H22
.....agaagcucgucucuacaggguauC.....	32	0	H22
.....agaagcucgucucuacaggguauCu.....	4	0	H22
.....gaGgcucgucucuacagggu.....	1	1	H22
.....gaagcuGgucucuacagggu.....	1	1	H22
.....gaagcucgucucuacagggu.....	24	0	H22
.....gaagcucgucucuacaUgua.....	1	1	H22
.....gaagcucgucucuacagggu.....	53	0	H22
.....gaagcucgucucuacaggguau.....	15	0	H22
.....gaagcucgucucuacaggguA.....	1	1	H22
.....gaagcucgucucuacaUguauc.....	1	1	H22
.....gaagcucAucucuacaggguauC.....	1	1	H22
.....gaagcucgucucuacaggguauC.....	342	0	H22
.....gaagcucgucucuacaggguauU.....	1	1	H22
.....gaagcucgAcucuacaggguauC.....	1	1	H22
.....gaagcucgucucuacaggguauG.....	1	1	H22
.....gaagcucgucucuaGaggguauCu.....	1	1	H22
.....gaagcucgucucuacaggguauCu.....	107	0	H22
.....gaagcucgucucuacaggguauCuU.....	3	1	H22
.....aucuacccugaagauccgggcuuuu.....	1	0	E21
.....ucuacccugaagauccgggcuuuugu.....	1	0	E21
.....cuacccugaagauccgggcu.....	1	0	E21
.....cuacccugaagauccgggcuuuug.....	1	0	E21
.....cuacccugaagauccgggcuuuugu.....	5	0	E21
.....uacccugaagauccggCcu.....	1	1	E21
.....uacccugaagauccgggcu.....	4	0	E21
.....uacccugaagauccgggcuu.....	3	0	E21
.....uacccugaagauccgggcuuu.....	14	0	E21
.....uacccugaagauccggUcuuuu.....	1	1	E21
.....uacccugaagauccgggcuu.....	1	1	E21
.....uacccugaagauccgggcuuuu.....	122	0	E21
.....uacccugaagauccgggcuuuug.....	119	0	E21
.....uacccugaagauccgggcuuuuU.....	7	1	E21
.....uaccGugaagauccgggcuuuugu.....	1	1	E21
.....uacccugaagGuccgggcuuuugu.....	1	1	E21
.....uacccugaagauccgggcCuuugu.....	4	1	E21
.....uacccugaagauccgggcGuuuugu.....	5	1	E21

## Mature

## Star

uuuauaggcacaucgugaucuacccugaaagauccgggcuuuuuguaguguuguuaucaacagaagcucgucucuaacagguaucucacggcuggaagagaaacaacugcacaaaug			
.....uacccugaagauccggCcuuuugu.....	2	1	E21
.....uacccugaagauccgggcuuuuugA.....	7	1	E21
.....uacccugaagauccgCgcuuuugu.....	1	1	E21
.....uacccugaagauccgUgcuuuugu.....	1	1	E21
.....uacccGgaagauccgggcuuuuugu.....	1	1	E21
.....uacccugaagauccAggcuuuugu.....	2	1	E21
.....uaGccugaagauccgggcuuuuugu.....	4	1	E21
.....uacccugaagauccgggcuuuuugG.....	2	1	E21
.....uacccugaagauccgggcuuuuUu.....	1	1	E21
.....uaccAugaagauccgggcuuuuugu.....	2	1	E21
.....uacccugaagauAcgggcuuuuugu.....	2	1	E21
.....uacccugaagaAcgggcuuuuugu.....	1	1	E21
.....uacccugaagauccggAcuuuugu.....	8	1	E21
.....uacUcugaagauccgggcuuuuugu.....	1	1	E21
.....uacccugaagauccgggAuuuugu.....	1	1	E21
.....uacccuUaagauccgggcuuuuugu.....	2	1	E21
.....uacccugaagauccUggcuuuuugu.....	1	1	E21
.....uacccugaagauccgggcuCuugu.....	1	1	E21
.....uacAcugaagauccgggcuuuuugu.....	1	1	E21
.....uacccugaagauccggUcuuuuugu.....	7	1	E21
.....uacccugaagauccgggcAuuuugu.....	4	1	E21
.....uacccugaaCauccgggcuuuuugu.....	1	1	E21
.....uacccugaagauccgggcuuuAgu.....	4	1	E21
.....uacccugaagauccUgggcuuuuugu.....	2	1	E21
.....uaAccugaagauccgggcuuuuugu.....	4	1	E21
.....uacccugaagauccgggcuuuuugu.....	2949	0	E21
.....uacccugaagauccgggcuAuugu.....	2	1	E21
.....uacccugaagauccgggcuuGugu.....	2	1	E21
.....uacccugaagauccgggcuuuuuguU.....	25	1	E21
.....uacccugaagauccgggcuuuuugua.....	50	0	E21
.....uacccugaagauccgggcuuuuuguaU.....	3	1	E21
.....uacccugaagauccgggcuuuuuguaC.....	1	1	E21
.....uacccugaagauccgggcuuuuuguaA.....	6	1	E21
.....uacccugaagauccgggcuuuuuguaUu.....	1	1	E21
.....uacccugaagauccgggcuuuuuguaAu.....	1	1	E21
.....accugaagauccgggcuuu.....	3	0	E21
.....accugaagauccgggcuuuu.....	15	0	E21
.....acAcugaagauccgggcuuuuug.....	1	1	E21
.....accugaagauccgggcuuuuug.....	50	0	E21
.....accugaagauccgggcuCuugu.....	2	1	E21
.....accugaagaAcgggcuuuuugu.....	1	1	E21
.....accugaagauccgggcuuCuugu.....	1	1	E21
.....acUcugaagauccgggcuuuuugu.....	1	1	E21
.....accugaagauccgggcuuuuugA.....	1	1	E21
.....accugaagauccgggcuuAugu.....	2	1	E21
.....acGcugaagauccgggcuuuuugu.....	1	1	E21
.....accugaagauccgggcCuuuugu.....	1	1	E21
.....accugaagauccgggcuuuAgu.....	2	1	E21
.....accugaagauccgggcuuuCgu.....	1	1	E21
.....aUccugaagauccgggcuuuuugu.....	1	1	E21
.....accugaagauccgggcuuuuugu.....	889	0	E21
.....accugaagauccgUgcuuuugu.....	1	1	E21
.....accugaagaCccgggcuuuuugu.....	1	1	E21
.....accugaagauccgggGuuuuugu.....	4	1	E21
.....accugaagaucCggcuuuuugu.....	1	1	E21
.....accuAaagaucgggcuuuuugu.....	3	1	E21
.....accugaagaucgggUuuuugu.....	3	1	E21
.....accugaUgaucgggcuuuuugu.....	1	1	E21
.....accugaagaucgggcuuuuugua.....	14	0	E21
.....accugaagaucgggcuuuuuguaA.....	1	1	E21
.....accugaagaucgggcuuuuugGg.....	1	1	E21
.....accugaagaucgggcuuuuuguaU.....	1	1	E21
.....ccugaagaucgggcuuuuugu.....	2	0	E21
.....agaagcucgucucuaacaggu.....	1	0	E21
.....agaagcucgucucuaacaggua.....	1	0	E21
.....agaagcucgucucuaacagguau.....	2	0	E21
.....agaagcucgucucuaacagguauc.....	23	0	E21
.....agaagcucgucucuaacagguaucu.....	3	0	E21
.....gaagcucgucucuaacaggg.....	2	0	E21
.....gaagcucgucucuaacaggu.....	17	0	E21

## Mature

## Star

uuuauaggcacaucgugaucuacccugaaagauccgggcuuuuguaguguuguuaucaacagaagcucgucucuacagguaucucacggcuggaagagaaacaacugcacaaaug

.....gaagcucgucucuaca <u>Agua</u> .....	1	1	E21
.....gaagcucgucucuacaggu <u>a</u> .....	32	0	E21
.....gaagcucgucucuacaggu <u>AA</u> .....	1	1	E21
.....gaagcucgucucuacaggu <u>au</u> .....	7	0	E21
.....gaagcucgucucuacaggu <u>auU</u> .....	1	1	E21
.....gaagcucgucucuacaggu <u>auc</u> .....	91	0	E21
.....gaGgcucgucucuacaggu <u>auc</u> .....	1	1	E21
.....Uaagcucgucucuacaggu <u>auc</u> .....	1	1	E21
.....gaagcucgucucuacaggu <u>aucG</u> .....	1	1	E21
.....gaagcucgucucuacaggu <u>auCcu</u> .....	1	1	E21
.....gaagcucgucucuacaggu <u>aucu</u> .....	78	0	E21
.....Uaagcucgucucuacaggu <u>aucu</u> .....	1	1	E21
.....gaagcucUucucuacaggu <u>aucu</u> .....	1	1	E21
.....gaagcucgucucuacaggu <u>aucuU</u> .....	3	1	E21
.....aucuacccugaagauccgggcu.....	1	0	E11
.....cuacccugaagauccgggcu.....	1	0	E11
.....cuacccugaagauccgggcuuu <u>g</u> .....	1	0	E11
.....cuacccugaagauccgggcuuu <u>gu</u> .....	10	0	E11
.....cuacccugaagauccgggUuuuu <u>g</u> .....	1	1	E11
.....uacccugaagauccgggcu.....	3	0	E11
.....uacccugaagauccgggcuu.....	1	0	E11
.....uacccugaagauccgggcuuu.....	14	0	E11
.....uacccugaagauccgggcuu <u>Au</u> .....	1	1	E11
.....uacccugaagauccgggcuuuu.....	72	0	E11
.....uaccAugaagauccgggcuuuu.....	1	1	E11
.....uacccugaagauccgggcuuuU.....	2	1	E11
.....uacccugaagauccgggcuuu <u>g</u> .....	82	0	E11
.....uacccugaagauccgggcuu <u>Aug</u> .....	1	1	E11
.....uacccugaagauccgggcuuu <u>gu</u> .....	2516	0	E11
.....uacccugaagGuccgggcuuu <u>gu</u> .....	1	1	E11
.....uacAugaagauccgggcuuu <u>gu</u> .....	2	1	E11
.....uacccugaagauccgggGuuu <u>gu</u> .....	6	1	E11
.....uacccugaagauccgggcu <u>Au</u> gu.....	1	1	E11
.....uacccugaagaucgUgcuuu <u>gu</u> .....	2	1	E11
.....uaAccugaagauccgggcuuu <u>gu</u> .....	6	1	E11
.....uacccugaagauccgggcuuC <u>gu</u> .....	1	1	E11
.....uacccugaagUuccgggcuuu <u>gu</u> .....	1	1	E11
.....uacccugaagauccgggcuuG <u>gu</u> .....	1	1	E11
.....uacccugaagauccUggcuuu <u>gu</u> .....	1	1	E11
.....uacccugaagauccgggcuuu <u>gA</u> .....	3	1	E11
.....uaGccugaagauccgggcuuu <u>gu</u> .....	4	1	E11
.....uaccUugaagauccgggcuuu <u>gu</u> .....	3	1	E11
.....uaccAugaagauccgggcuuu <u>gu</u> .....	5	1	E11
.....uacccugaagauccgggCuuu <u>gu</u> .....	6	1	E11
.....uacccugaagaGccgggcuuu <u>gu</u> .....	1	1	E11
.....uacccugaagauccgggCuuu <u>gu</u> .....	2	1	E11
.....uacccugaagauccgggcuuu <u>gG</u> .....	1	1	E11
.....uacccugaagauccggCcuuu <u>gu</u> .....	1	1	E11
.....uacccugaagauccgggcuuu <u>gC</u> .....	1	1	E11
.....uacccugaagauccUgggcuuu <u>gu</u> .....	2	1	E11
.....uacccugaagauAccgggcuuu <u>gu</u> .....	1	1	E11
.....uacccugaagauccggAccuuu <u>gu</u> .....	6	1	E11
.....uacccugaagauccgggcuuu <u>guU</u> .....	27	1	E11
.....uacccugaagauccgggcuuu <u>gua</u> .....	32	0	E11
.....uaAccugaagauccgggcuuu <u>gua</u> .....	1	1	E11
.....uacccugaagauccgggcuuu <u>gAa</u> .....	1	1	E11
.....uacccugaagauccgggcuuu <u>guaA</u> .....	2	1	E11
.....uacccugaagauccgggcuuu <u>guaU</u> .....	1	1	E11
.....accugaagauccgggcuuu.....	2	0	E11
.....accugaagauccgggcuuuu.....	5	0	E11
.....acGcugaagauccgggcuuu <u>g</u> .....	1	1	E11
.....accugaagauccgggcuuu <u>g</u> .....	20	0	E11
.....accugaagauccgggcuuu <u>gu</u> .....	766	0	E11
.....accugaagauccUggcuuu <u>gu</u> .....	1	1	E11
.....accGugaagauccgggcuuu <u>gu</u> .....	1	1	E11
.....accugaagGuccgggcuuu <u>gu</u> .....	1	1	E11
.....accugaagauccgggcu <u>Au</u> gu.....	1	1	E11
.....aUccugaagauccgggcuuu <u>gu</u> .....	1	1	E11
.....acccGgaagauccgggcuuu <u>gu</u> .....	1	1	E11



## Mature

## Star

uuuauaggcacaucgugaucuacccugaagauacccggcuuuuuguaguguuguuaucaacagagaagcucgucucucacagguaucucacggcuggaagagaacaacugcacaaaug

.....accugaagauAcgggcuuuuugu.....	1	1	E11
.....accugaagauacccggcuuuuGgu.....	2	1	E11
.....accugaagauacccggcuuuuGC.....	1	1	E11
.....accugaagauacccggcuuuuAgu.....	1	1	E11
.....accugaagauUgggcuuuuugu.....	1	1	E11
.....accugaagauacccggcuuuuGu.....	2	1	E11
.....accugaagauacccggcuuuuGA.....	2	1	E11
.....acAcugaagauacccggcuuuuugu.....	1	1	E11
.....accugaagauAcgggcuuuuugu.....	1	1	E11
.....accugaagauacccggcGuugu.....	1	1	E11
.....accugaagauccgCgcuuuuugu.....	1	1	E11
.....accugaagauccgUgcuuuuugu.....	1	1	E11
.....accugaagauacccggcuuuugua.....	9	0	E11
.....accugaagauacccggcuuuuuGU.....	1	1	E11
.....accugaagauacccggcuuuuGUA.....	1	1	E11
.....accugaagauacccggcuuuuGUA.....	1	1	E11
.....accugaagauacccggcuuuuGUAU.....	1	1	E11
.....ccugaagauacccggcuuuuugu.....	1	0	E11
.....cugaagauacccggcuuuuugu.....	2	0	E11
.....cagaagcucgucucucacagguauc.....	1	0	E11
.....agaagcucgucucucacagguau.....	1	0	E11
.....agaagcucgucucucacagguauc.....	22	0	E11
.....gaagcucgucucucacaggu.....	12	0	E11
.....gaagcucgucucucacagguU.....	1	1	E11
.....gaagcucgucucucacaggua.....	17	0	E11
.....gaagcucgucucucacagguau.....	16	0	E11
.....gaagcucgucucucacagguauc.....	54	0	E11
.....gaagcucgucucucacagguaucu.....	1	1	E11
.....gaagcucgucucucacagguaucu.....	82	0	E11
.....gaagcucgucucucacagguaucuU.....	1	1	E11
.....uacccugaagauacccggcuuuu.....	5	0	A24
.....uacccugaagauacccggcuuuug.....	4	0	A24
.....uacccugaagauacccggcuuuuGU.....	80	0	A24
.....uacccugaagauacccggcuuuuGA.....	2	1	A24
.....uacccugaagauacccggcuuuuGGu.....	1	1	A24
.....uacccugaagauccUggcuuuuugu.....	1	1	A24
.....uacccugaagauacccggcuuuuuGU.....	1	1	A24
.....uacccugaagauacccggcuuuuGUU.....	2	1	A24
.....uacccugaagauacccggcuuuuGUA.....	2	0	A24
.....accugaagauacccggcuuuuug.....	1	0	A24
.....accugaagauacccggcuuuGU.....	1	1	A24
.....accugaagauacccggcuuuuugu.....	28	0	A24
.....accugaagauacccggcuuuuGUA.....	1	1	A24
.....agaagcucgucucucacagguauc.....	2	0	A24
.....gaagcucgucucucacaggu.....	1	0	A24
.....gaagcucgucucucacaggua.....	1	0	A24
.....gaagcucgucucucacagguauc.....	5	0	A24
.....gaagcucgucucucacagguaucu.....	1	0	A24
.....cuacccugaagauacccggcuuuu.....	1	0	H13
.....cuacccugaagauacccggcuuuuugu.....	4	0	H13
.....cuacccugaagauacccggcuuuuGC.....	1	1	H13
.....uacccugaagauacccggcuu.....	1	0	H13
.....uacccugaagauacccggcuuuu.....	14	0	H13
.....uacccugaagauacccggAcuuuu.....	1	1	H13
.....uacccugaagauacccggcuuuGU.....	1	1	H13
.....uacccugaagauccUggcuuuu.....	1	1	H13
.....uacccugaagauacccggcuuuu.....	70	0	H13
.....uacccugaagauccggCcuuuug.....	1	1	H13
.....uacccugaagauacccggcuuuuug.....	48	0	H13
.....uacccugaagauacccggcuuuuU.....	3	1	H13
.....uacccugaagauacccggcuuuGU.....	1	1	H13
.....uacccugaagauacccggcuuuuAu.....	2	1	H13
.....uacccugaagauacccggcAuugu.....	2	1	H13
.....uacccugCagaucacccggcuuuuugu.....	1	1	H13
.....uacccugaagauacccggcuuCUgu.....	1	1	H13
.....uaAccugaagauacccggcuuuuugu.....	3	1	H13
.....uacccugaagauacccggcuuuuugu.....	1566	0	H13

## Mature

## Star

uuuauaggcacaucgcugauc <u>uacccugaagauccgggcuuuu</u> guaguguuguuaucaacagaagcucgcucucua <u>cagguaucucacggcuggaagagaa</u> caacugcacaaaug			
.....uacccugaagauccgggc <u>Âuuugu</u> .....	2	1	H13
.....uacccugaagau <u>Âcgggcuuuu</u> gu.....	1	1	H13
.....uacccugaagauccgggc <u>Guugu</u> .....	1	1	H13
.....uacccugaagauccgggc <u>Cuuuu</u> gu.....	3	1	H13
.....uacccugaagauccgggc <u>uuGuugu</u> .....	1	1	H13
.....uacccugaagauccgggc <u>uuuuUu</u> .....	4	1	H13
.....uacccugaagaucc <u>Uggcuuuu</u> gu.....	1	1	H13
.....uacccugaagauccgg <u>Ucuuuu</u> gu.....	3	1	H13
.....uacccugaagauccgg <u>Acuuuu</u> gu.....	2	1	H13
.....uacccuga <u>aaUauccgggcuuuu</u> gu.....	1	1	H13
.....uac <u>Gcu</u> gaagauccgggc <u>uuuu</u> gu.....	1	1	H13
.....uacccugaagauccgggc <u>uuuu</u> g <u>Â</u> .....	6	1	H13
.....uacccugaagauccgggc <u>Cuuu</u> gu.....	1	1	H13
.....uacccuga <u>aaÂauccgggcuuuu</u> gu.....	1	1	H13
..... <u>Cacccuga</u> aagauccgggc <u>uuuu</u> gu.....	2	1	H13
.....u <u>Gcccu</u> gaagauccgggc <u>uuuu</u> gu.....	1	1	H13
.....uacccugaagauccgggc <u>uuuu</u> gu <u>Â</u> .....	21	0	H13
.....uacccugaagauccgggc <u>uuuu</u> gu <u>G</u> .....	1	1	H13
.....uacccugaagauccgggc <u>uuuu</u> g <u>Âa</u> .....	2	1	H13
.....uacccugaagauccgggc <u>uuuu</u> gu <u>U</u> .....	14	1	H13
..... <u>Aacccuga</u> aagauccgggc <u>uuuu</u> gu <u>Â</u> .....	1	1	H13
.....uacccugaagauccgggc <u>uuuu</u> gu <u>Âa</u> .....	6	1	H13
.....uacccugaagauccgggc <u>uuuu</u> gu <u>ÂU</u> .....	4	1	H13
.....uacccugaagauccgggc <u>uuuu</u> gu <u>ÂUu</u> .....	1	1	H13
.....acccugaagauccgggc <u>uuuu</u> .....	3	0	H13
.....acccugaagauccgggc <u>uuuu</u> g.....	19	0	H13
.....acccu <u>Âa</u> agauccgggc <u>uuuu</u> gu.....	1	1	H13
.....acccugaagauccgggc <u>Âuuuu</u> gu.....	3	1	H13
.....acccugaagauccgg <u>Ucuuuu</u> gu.....	1	1	H13
.....acccugaagauccgggc <u>uuu</u> C <u>gu</u> .....	1	1	H13
.....accc <u>Cga</u> agauccgggc <u>uuuu</u> gu.....	1	1	H13
.....acccugaagauccgggc <u>uu</u> C <u>uugu</u> .....	1	1	H13
.....acccugaagauccgggc <u>Guuuu</u> gu.....	2	1	H13
.....acccu <u>Ua</u> agauccgggc <u>uuuu</u> gu.....	1	1	H13
.....acccuga <u>Uga</u> uccgggc <u>uuuu</u> gu.....	2	1	H13
.....acccugaagauccgggc <u>Guugu</u> .....	1	1	H13
.....acccugaagauccgggc <u>uuuu</u> gu.....	550	0	H13
.....acccugaagauccgggc <u>uuuu</u> gu <u>U</u> .....	6	1	H13
.....acccugaagauccgggc <u>uuuu</u> gu <u>Â</u> .....	6	0	H13
.....acccugaagauccgggc <u>uuuu</u> gu <u>Âa</u> .....	2	1	H13
.....cccu <u>ga</u> agauccgggc <u>uuuu</u> gu.....	2	0	H13
.....ccugaagauccgggc <u>uuuu</u> gu <u>Â</u> .....	1	0	H13
.....agaagcucgcucucua <u>caggua</u> .....	1	0	H13
.....agaagcucgcucucua <u>caggua</u> u <u>c</u> .....	17	0	H13
.....agaagcucgcucucua <u>cagCu</u> au <u>c</u> .....	1	1	H13
.....gaagcucgcucucua <u>cagg</u> .....	1	0	H13
.....gaagcucgcucucua <u>cagg</u> u.....	16	0	H13
.....gaagcucgcucucua <u>caggua</u> .....	15	0	H13
.....gaagcucgcucucua <u>caggua</u> <u>Â</u> .....	1	1	H13
.....gaagcucgcucucua <u>caggua</u> u.....	9	0	H13
.....gaagcucgcucucua <u>caggua</u> u <u>c</u> .....	103	0	H13
.....gaagcucgcucucua <u>caggua</u> u <u>U</u> .....	1	1	H13
.....gaagcucgcucucua <u>caggua</u> C <u>u</u> c.....	1	1	H13
.....gaagcucgcucucua <u>caggua</u> u <u>c</u> u.....	78	0	H13
.....gaagcucgcucucua <u>caggua</u> u <u>c</u> u <u>c</u> .....	1	0	H13
.....gaagcucgcucucua <u>caggua</u> u <u>c</u> u <u>U</u> .....	1	1	H13
.....uacccugaagauccgggc <u>uu</u> .....	2	0	A42
.....uacccugaagauccgggc <u>uuuu</u> .....	7	0	A42
.....uacccugaagauccgggc <u>uuuu</u> g.....	1	0	A42
.....uacccugaagauccgggc <u>uuuu</u> u <u>U</u> .....	2	1	A42
.....uacccugaagauccgggc <u>uuuu</u> g <u>Â</u> .....	1	1	A42
.....uacccugaagauccgggc <u>uuuu</u> gu.....	31	0	A42
.....uacccugaagauccgggc <u>uuuu</u> gC.....	1	1	A42
.....uacccugaagauccgggc <u>uuuu</u> gu <u>Â</u> .....	4	0	A42
.....uacccugaagauccgggc <u>uuuu</u> gu <u>Âa</u> .....	3	1	A42
.....acccugaagauccgggc <u>uuuu</u> .....	1	0	A42
.....acccugaagauccgggc <u>uuuu</u> g.....	1	0	A42
.....acccugaagauccgggc <u>uuuu</u> gu.....	16	0	A42
.....acccugaCgaucgggc <u>uuuu</u> gu.....	1	1	A42

## Mature

## Star

uuuauaggcacaucggauc <u>uacccugaagauccgggcuuuu</u> guaguguuguuaucaacagaagcucgucucua <u>cagguauc</u> ucacggcuggaagagaaacaacugcacaaaug			
.....agaagcucgucucua <u>cagguauc</u> .....	2	0	A42
.....agaagcucgucucua <u>cagguauc</u> .....	1	0	A42
.....gaagcucgucucua <u>caggua</u> .....	2	0	A42
.....gaagcucgucucua <u>cagguauc</u> .....	3	0	A42
.....gaagcucgucucua <u>cagguauc</u> .....	1	0	A42
.....uacccugaagauccgggcuuuu.....	3	0	A52
.....uacccugaagauccgggcuuuug.....	1	0	A52
.....uacccugaagauccgggcuuuuU.....	1	1	A52
.....uacccugaagauccgggcuuuugu.....	14	0	A52
.....accugaagauccgggcuuuu.....	1	0	A52
.....accugaagauccgggcuuuugu.....	8	0	A52
.....accugaagauccgggcuuuugua.....	1	0	A52
.....gaagcucgucucua <u>cagguauc</u> .....	8	0	A52
.....uacccugaagauccgggc.....	1	0	A23
.....uacccugaagauccgggcuuuu.....	2	0	A23
.....uacccugaagauccgggcuuuug.....	7	0	A23
.....uacccugaagauccgggcuuuugu.....	68	0	A23
.....uacccugaagauccgggcuuuugA.....	1	1	A23
.....uacccugaagauccgggcuuuugua.....	1	0	A23
.....uacccugaagauccgggcuuuuguU.....	1	1	A23
.....accugaagauccgggcuuuug.....	2	0	A23
.....accugaagauccgggcuuuugu.....	25	0	A23
.....gaagcucgucucua <u>caggu</u> .....	1	0	A23
.....gaagcucgucucua <u>caggua</u> .....	1	0	A23
.....gaagcucgucucua <u>cagguauc</u> .....	1	0	A23
.....gaagcucgucucua <u>cagguauc</u> .....	2	0	A23
.....uacccugaagauccgggcuu.....	1	0	B13
.....uacccugaagauccgggcuuuu.....	1	0	B13
.....uacccugaagauccgggcuuCu.....	1	1	B13
.....uaccAugaagauccgggcuuuugu.....	1	1	B13
.....uacccugaagauccgggcCuuugu.....	1	1	B13
.....uacccugaagauccgggcuuuugu.....	72	0	B13
.....uagccugaagauccgggcuuuugu.....	1	1	B13
.....accGugaagauccgggcuuuugu.....	1	1	B13
.....accugaagauccgggcuuuugu.....	4	0	B13
.....agaagcucgucucua <u>caggua</u> .....	1	0	B13
.....agaagcucgucucua <u>cagguauc</u> .....	2	0	B13
.....gaagcucgucucua <u>cagguauc</u> .....	3	0	B13
.....aucuacccugaagauccgggcuuu.....	1	0	H54
.....uacccugaagauccgggc.....	1	0	H54
.....uacccugaagauccgggU.....	1	1	H54
.....uacccugaagauccgggcu.....	7	0	H54
.....uacccugaagauccgggcuu.....	10	0	H54
.....uacccugaagauccgggcuuu.....	33	0	H54
.....uacccugaagauccggCcuuu.....	1	1	H54
.....uaccugCagaucgggcuuuu.....	1	1	H54
.....uacccugaagauccgggcuuuu.....	194	0	H54
.....uacccugaagauccgggcuuGu.....	2	1	H54
.....uacccugaagauccgggcCuuu.....	1	1	H54
.....uacccugaagauccgggcuuuA.....	1	1	H54
.....uaccAugaagauccgggcuuuu.....	1	1	H54
.....uacccugaagauccgggcuuuuA.....	2	1	H54
.....uacccugaagauccgggcuuuug.....	76	0	H54
.....uacccugaagauccgggcuuuuU.....	9	1	H54
.....uacccugaagauccgggcAuuug.....	1	1	H54
.....uacccugaagauccgggcuuuuAu.....	1	1	H54
.....uaAccugaagauccgggcuuuugu.....	3	1	H54
.....uacccugaagauccUggcuuuugu.....	2	1	H54
.....Caccugaagauccgggcuuuugu.....	1	1	H54
.....uaccugGagaucgggcuuuugu.....	1	1	H54
.....uacccugaagauccgUgcuuuugu.....	2	1	H54
.....uacccugaagauccgggcuuAugu.....	1	1	H54
.....uacccugaagauccgCgcuuuugu.....	1	1	H54
.....uacUcugaagauccgggcuuuugu.....	1	1	H54
.....uacccugaagauccgggcCuuugu.....	6	1	H54
.....uaccAugaagauccgggcuuuugu.....	3	1	H54

## Mature

## Star

uuuauaggcacaucgugaucuacccugaaagauccgggcuuuuuguaguguuguuaucaacagaagcucgucucuaacagguauucucacggcuggaagagaaacaacugcacaaaug			
.....uacccugaagauccgggcCuuugu.....	2	1	H54
.....uacccugaagauccCggcuuuugu.....	1	1	H54
.....uacccugaagauccAggcuuuugu.....	1	1	H54
.....uacccugaagauccgggcuuuugA.....	29	1	H54
.....uacccugaagauccgggcuuuuCu.....	1	1	H54
.....uacccugaagauccgggcAuuugu.....	2	1	H54
.....uacccugaagauccgggcuuuugu.....	1558	0	H54
.....uacAcugaagauccgggcuuuugu.....	3	1	H54
.....uacccugaagauccgggcuuCugu.....	2	1	H54
.....uacccuUaagauccgggcuuuugu.....	1	1	H54
.....uacccugaagauccgggcuuGugu.....	1	1	H54
.....uacCGugaagauccgggcuuuugu.....	1	1	H54
.....uacccugaagauccggUcuuuugu.....	1	1	H54
.....uacccugaagauUcgggcuuuugu.....	1	1	H54
.....uacccugaagauccgggcuuuuUu.....	4	1	H54
.....uacccGgaagauccgggcuuuugu.....	1	1	H54
.....uaGccugaagauccgggcuuuugu.....	2	1	H54
.....uacccugaagauccggAcuuuugu.....	2	1	H54
.....uacccugaaUauccgggcuuuugua.....	1	1	H54
.....uacccugaagauccgggcuuuugua.....	66	0	H54
.....uacccugaagauccgggcuuuugAa.....	1	1	H54
.....uacccugaagauccgggcuuuugCa.....	1	1	H54
.....uaccAugaagauccgggcuuuugua.....	1	1	H54
.....uaAccugaagauccgggcuuuugua.....	1	1	H54
.....uacccugaagauccgggcuuuuguU.....	22	1	H54
.....uacccugaagauccgggcuuuuguaU.....	7	1	H54
.....uacccugaagauccgggcuuuuguaA.....	30	1	H54
.....uacccugaagauccgggcuuuuguaUu.....	1	1	H54
.....uacccugaagauccgggcuuuuguaGA.....	1	1	H54
.....uacccugaagauccgggcuuuuguaAu.....	4	1	H54
.....accugaagauccgggcuuu.....	3	0	H54
.....accugaagauccgggcuuuu.....	23	0	H54
.....accugaagauccgggcuuuug.....	37	0	H54
.....accCGaagauccgggcuuuugu.....	1	1	H54
.....acUcugaagauccgggcuuuugu.....	1	1	H54
.....accugaagauccgggcuuuuUu.....	2	1	H54
.....accugaagauccgggAuuuugu.....	1	1	H54
.....accugaagauccgggcuuuugA.....	9	1	H54
.....accugaagauccAggcuuuugu.....	1	1	H54
.....accugaagauccgggcGuugu.....	1	1	H54
.....accugaagauccgggcuuuugu.....	518	0	H54
.....accCGaagauccgggcuuuugu.....	1	1	H54
.....accugaagauccUgggcuuuugu.....	1	1	H54
.....accugaagauccgggcuuAugu.....	1	1	H54
.....accugaagauccgggcuuuugAa.....	1	1	H54
.....accugaagauccgggcuuuugua.....	39	0	H54
.....accugaagauccgggcuuuuCua.....	1	1	H54
.....accugaagauccUggcuuuugua.....	1	1	H54
.....accugaagauccgggcuuuuguU.....	8	1	H54
.....accugaagauccgggcuuuuguaU.....	7	1	H54
.....accugaagauccgggcuuuuguaA.....	17	1	H54
.....accugaagauccgggcuuuuguaAu.....	3	1	H54
.....accugaagauccgggcuuuuguaUu.....	1	1	H54
.....accugaagauccgggcuuuuguUgu.....	2	1	H54
.....ccugaagauccgggcuuuugu.....	1	0	H54
.....cccuagaagauccgggcuuuuguU.....	1	1	H54
.....ccugaagauccgggcuuuu.....	1	0	H54
.....ccugaagauccgggcuuuugu.....	1	0	H54
.....agaagcucgucucuaacagguau.....	3	0	H54
.....agaagcucgucucuGcagguauc.....	1	1	H54
.....agaagcucgucucuaacagguauc.....	13	0	H54
.....agaagcucgucucuaacagguauacu.....	1	0	H54
.....agaagcucgucucuaacagguauca.....	1	1	H54
.....gaagcucgucucuaacaggu.....	19	0	H54
.....gaagcucgucucuaacaggu.....	22	0	H54
.....gaagcucgucucuaacagguau.....	14	0	H54
.....gaagcucgucucuaacagguAAC.....	1	1	H54
.....gaCgcucgucucuaacagguauc.....	1	1	H54
.....gaagcucgucucuaacagguauc.....	128	0	H54
.....gaagcucgucucuaacagguauc.....	1	1	H54

## Mature

## Star

uuuauaggcacaucgugaucuacccugaagauccgggcuuuuaguguuuguacaacagaagcucgucucuacagguaucucacggcuggaagagaaacaacugcacaaaug

.....gaagGucgucuc <u>uacagguau</u> c.....	1	1	H54
.....gaagcucgucuc <u>uacagguau</u> cA.....	1	1	H54
.....gaagcucgucuc <u>uacagguau</u> cu.....	29	0	H54
.....gaagcucgucuc <u>uacagguau</u> cuU.....	3	1	H54
.....uc <u>uacccugaagauc</u> cgggcuuuuaguguuuguauc.....	1	0	H73
.....cu <u>acccugaagauc</u> cgggcu.....	1	0	H73
.....cu <u>acccugaagauc</u> cgggcuuuug.....	1	0	H73
.....cu <u>acccugaagauc</u> cgggcuuuugA.....	1	1	H73
.....cu <u>acccugaagauc</u> cgggAuuuug.....	1	1	H73
.....cu <u>acccugaagauc</u> cgggcuuuug.....	9	0	H73
.....cu <u>acccugaagauc</u> cgggcuuuuguaU.....	1	1	H73
.....uaGcc <u>ugaagauc</u> cgggcu.....	1	1	H73
.....u <u>acccugaagauc</u> cgggcu.....	8	0	H73
.....u <u>acccugaagauc</u> cgggcuu.....	5	0	H73
.....u <u>acccugaagauc</u> cgggcuuu.....	31	0	H73
.....u <u>acccugaagauc</u> cgggcAuu.....	1	1	H73
.....uaGcc <u>ugaagauc</u> cgggcuuu.....	1	1	H73
.....u <u>acccuga</u> aaU <u>auc</u> cgggcuuu.....	1	1	H73
.....u <u>acccugaagauc</u> cgggcuuu.....	156	0	H73
.....u <u>acccugaagauc</u> cggUcuuu.....	1	1	H73
.....u <u>acccugaagauc</u> cgggcuuuug.....	174	0	H73
.....u <u>acccugaGgauc</u> cgggcuuuug.....	1	1	H73
.....u <u>acccugaagauc</u> cgggcuuuU.....	4	1	H73
.....u <u>acccugaagauc</u> cgUcuuuug.....	1	1	H73
.....u <u>acccugCagauc</u> cgggcuuuug.....	1	1	H73
.....u <u>acccugGagauc</u> cgggcuuuug.....	1	1	H73
.....u <u>accUgaagauc</u> cgggcuuuug.....	1	1	H73
.....ua <u>Accugaagauc</u> cgggcuuuug.....	9	1	H73
.....u <u>acccugaagauc</u> cgUcuuuug.....	4	1	H73
.....u <u>acccugaagauU</u> cgggcuuuug.....	1	1	H73
.....u <u>acccugaagauc</u> cgggcAuuug.....	5	1	H73
.....u <u>acccGgaagauc</u> cgggcuuuug.....	1	1	H73
.....u <u>acccugaagauc</u> cgggcuuuugA.....	26	1	H73
.....u <u>acccugaagauc</u> cAggcuuuug.....	1	1	H73
.....u <u>acccugaagauc</u> cAgcuuuug.....	1	1	H73
.....u <u>acccuAaagauc</u> cgggcuuuug.....	1	1	H73
.....uaGcc <u>ugaagauc</u> cgggcuuuug.....	6	1	H73
.....u <u>acccugaagauc</u> cgggcuuAug.....	4	1	H73
.....u <u>acccugaagauc</u> cggCcuuuug.....	1	1	H73
.....uGcc <u>ugaagauc</u> cgggcuuuug.....	2	1	H73
.....u <u>acccugaagauc</u> cUggcuuuug.....	3	1	H73
.....u <u>acccugaaCauc</u> cgggcuuuug.....	1	1	H73
.....u <u>acccuUaagauc</u> cgggcuuuug.....	3	1	H73
.....u <u>acccugaagauc</u> cgggcGuuug.....	2	1	H73
.....u <u>acccugaagaC</u> ccggcuuuug.....	1	1	H73
.....u <u>acccugaagauc</u> cgggcuUgug.....	3	1	H73
.....uCcc <u>ugaagauc</u> cgggcuuuug.....	1	1	H73
.....u <u>acccugaagau</u> cAgggcuuuug.....	3	1	H73
.....u <u>acccugaagauc</u> cgggAuuuug.....	1	1	H73
.....u <u>acccugaagauc</u> cGgcuuuug.....	2	1	H73
.....u <u>acccugaagauc</u> cgggcuuCug.....	3	1	H73
.....uac <u>Acugaagauc</u> cgggcuuuug.....	1	1	H73
.....u <u>acccugCagauc</u> cgggcuuuug.....	1	1	H73
.....u <u>acccugaUgauc</u> cgggcuuuug.....	1	1	H73
.....u <u>accAugaagauc</u> cgggcuuuug.....	12	1	H73
.....u <u>acccugaagau</u> Acggcuuuug.....	4	1	H73
.....u <u>acccugaaUauc</u> cgggcuuuug.....	2	1	H73
.....u <u>acccugaagauc</u> cgggcuuuuAu.....	3	1	H73
.....u <u>acccugaagauc</u> cgggcCuuug.....	3	1	H73
.....u <u>acccugaagauc</u> cgggcuuuuUu.....	1	1	H73
.....u <u>acccugaagauc</u> cgggcuuuugG.....	1	1	H73
.....u <u>accGugaagauc</u> cgggcuuuug.....	2	1	H73
.....u <u>acccugaagauc</u> cgggcuuuug.....	3583	0	H73
.....uaUcc <u>ugaagauc</u> cgggcuuuug.....	4	1	H73
.....u <u>acccugaagauc</u> cggAcuuuug.....	4	1	H73
.....u <u>acccugaagauc</u> cgggcAuuugua.....	1	1	H73
.....u <u>acccugaGgauc</u> cgggcuuuugua.....	1	1	H73
.....u <u>acccugaagauc</u> cgggcuuuugAa.....	2	1	H73
.....u <u>acccugaagauc</u> cgggcuuuugU.....	33	1	H73

## Mature

## Star

uuuauaggcacaucgugaucu	uaccuccugaagauccgggcuuuuugu	aguguuguuaucaacagaagcucgucucua	cagguaucucacggcuggaagagaaacaacugcacaaaug			
.....	uaccuccugaagauccgggcuuuugua	.....		47	0	H73
.....	uaccuccugaagauccgggcuuuuguaU	.....		3	1	H73
.....	uaccuccugaagauccgggcuuuuguaA	.....		7	1	H73
.....	uaccuccugaagauccgggcuuuuguaguguu	.....		1	0	H73
.....	uaccuccugaagauccgggcuuuuguaguguug	.....		2	0	H73
.....	uaccuccugaagauccgggcuuuuguaguguuguu	.....		2	0	H73
.....	uaccuccugaagauccgggcuuuuguaguguuguuau	.....		1	0	H73
.....	accuccugaagauccgggcuuuu	.....		6	0	H73
.....	accuccugaagauccgggcuuuu	.....		12	0	H73
.....	acUcugaagauccgggcuuuu	.....		1	1	H73
.....	accuccugaagauccgAgcuuuug	.....		1	1	H73
.....	accuccugaagauccgggcuuuug	.....		64	0	H73
.....	acGcugaagauccgggcuuuug	.....		1	1	H73
.....	acccCGaagauccgggcuuuug	.....		2	1	H73
.....	accuccugaagauccgggcuuuuA	.....		1	1	H73
.....	accuccugaagauccgggAuuuugu	.....		1	1	H73
.....	accuccugaaAuaccgggcuuuugu	.....		1	1	H73
.....	accuccugaaUauccgggcuuuugu	.....		1	1	H73
.....	accuccugaagauccgggcuuuCgu	.....		1	1	H73
.....	accuccugaagauccgggcuuuugu	.....		1415	0	H73
.....	acUcugaagauccgggcuuuugu	.....		1	1	H73
.....	accuccugaagauccAggcuuuugu	.....		1	1	H73
.....	accuccugaagauccgggcuuuugA	.....		4	1	H73
.....	acccCGaagauccgggcuuuugu	.....		3	1	H73
.....	accuccugaagauccgggcuGuugu	.....		2	1	H73
.....	accuccugaagauccgCgcuuuugu	.....		2	1	H73
.....	accuccugaagauccgAgcuuuugu	.....		2	1	H73
.....	acAcugaagauccgggcuuuugu	.....		4	1	H73
.....	accuccugaagauccUggcuuuugu	.....		1	1	H73
.....	acccAgaagauccgggcuuuugu	.....		1	1	H73
.....	accUugaagauccgggcuuuugu	.....		2	1	H73
.....	accuccugaagauccgggcuuuugC	.....		1	1	H73
.....	acGcugaagauccgggcuuuugu	.....		1	1	H73
.....	acccGgaagauccgggcuuuugu	.....		2	1	H73
.....	accuccugaagauccUgggcuuuugu	.....		1	1	H73
.....	accuccugaagauccgggUuuugu	.....		2	1	H73
.....	accuccugaagauccgggcuCuugu	.....		4	1	H73
.....	accuccUaagauccgggcuuuugu	.....		1	1	H73
.....	accuccugaagauccgggcuuuAgu	.....		3	1	H73
.....	accuccugaagauccgggcuAuugu	.....		2	1	H73
.....	accuccugaagauccAgggcuuuugu	.....		1	1	H73
.....	accuccugaagauccgggcuuuugua	.....		19	0	H73
.....	accuccugaagauccgggcuuuuguG	.....		1	1	H73
.....	accuccugaGgauccgggcuuuugua	.....		1	1	H73
.....	accuccugaagauccgggcuuuuguU	.....		9	1	H73
.....	accuccugaagauccgggcuuuuguaU	.....		2	1	H73
.....	accuccugaagauccgggcuuuuguaA	.....		2	1	H73
.....	accuccugaagauccgggcuuuuguaUu	.....		1	1	H73
.....	accuccugaagauccgggcuuuuguaAu	.....		1	1	H73
.....	accuccugaagauccgggcuuuuguaguguuguuauca	.....		1	0	H73
.....	ccuccugaagauccgggcuuuugu	.....		2	0	H73
.....	ccugaagauccgggcuuuugu	.....		1	0	H73
.....	aguguuguuaucaacagaagcucgucucua	cagguauc		1	0	H73
.....	agaagcucgucucua	cagggu		3	0	H73
.....	agaagcucgucucua	cagggua		2	0	H73
.....	agaagcucgucucua	caggguGu		1	1	H73
.....	agaagcucgucucua	caggguau		3	0	H73
.....	agCagcucgucucua	caggguauc		1	1	H73
.....	agaagcucgucucua	caAguau		1	1	H73
.....	agaagcucgucucua	caggguauc		50	0	H73
.....	Ugaagcucgucucua	caggguauc		1	1	H73
.....	agaagcucgucucua	caggguau	cu	2	0	H73
.....	agaagcucgucucua	caggguauA		1	1	H73
.....	gaagcucgucucua	cagg		1	0	H73
.....	gaagcucgucucua	cagggu		15	0	H73
.....	gaagcucgucucua	cagggua		34	0	H73
.....	gaagcucgucucua	caggguau		9	0	H73
.....	gaUgcucgucucua	caggguauc		1	1	H73
.....	gaagcucgucucua	caAguau		1	1	H73
.....	gaagcucgucucua	caggguauc		205	0	H73

## Mature

## Star

uuuauaggcacaucgugauc <u>uacccugaagaucgggcuuuugu</u> aguguuguuaucaaca <u>gaagcucgucucua</u> cagguaucucacggcuggaagagaaacaacugcacaaaug			
.....gaagcucgucucua <u>cagguaGc</u> .....	1	1	H73
.....gaagAucgucucua <u>cagguauc</u> .....	1	1	H73
.....gaagcucgucucua <u>cagguauc</u> .....	32	0	H73
.....gaagcucgucucua <u>cagguaucA</u> .....	2	1	H73
.....gaaAucgucucua <u>cagguauc</u> .....	1	1	H73
.....Gagcucgucucua <u>cagguauc</u> .....	1	1	H73
.....cuacccugaagaucgggcuuuu.....	1	0	H74
.....cuacccugaagaucgggcuuuu <u>gA</u> .....	1	1	H74
.....cuacccugaagaucgggcuuuu <u>gu</u> .....	7	0	H74
.....cuacccugaagaucgggcuuuu <u>gua</u> .....	1	0	H74
.....uacccugaagaucggg <u>c</u> .....	2	0	H74
.....uacccugaagaucggg <u>cu</u> .....	5	0	H74
.....uacccugaagaucggg <u>cuu</u> .....	4	0	H74
.....uacccugaagaucgggcuuu.....	27	0	H74
.....uacccGgaagaucgggcuuuu.....	1	1	H74
.....uacccugaagGucgggcuuuu.....	1	1	H74
.....uacccugaagaucgggcuuCu.....	1	1	H74
.....uacccugaagauc <u>U</u> ggcuuuu.....	1	1	H74
.....uaccAugaagaucgggcuuuu.....	1	1	H74
.....uacccugaagaucgggcuuuu.....	122	0	H74
.....uaccGugaagaucgggcuuuu <u>g</u> .....	1	1	H74
.....uaUccugaagaucgggcuuuu <u>g</u> .....	1	1	H74
.....uacccugaagaucgggcuuuu <u>g</u> .....	106	0	H74
.....uacccugaagaucgggcuuuuU.....	4	1	H74
.....uaGccugaagaucgggcuuuu <u>g</u> .....	1	1	H74
.....uUcccuugaagaucgggcuuuu <u>gu</u> .....	1	1	H74
.....uaGccugaagaucgggcuuuu <u>gu</u> .....	3	1	H74
.....uacccugaagaucAgggcuuuu <u>gu</u> .....	2	1	H74
.....uacccugaagauc <u>U</u> ggcuuuu <u>gu</u> .....	1	1	H74
.....uacccugaagauc <u>A</u> ggcuuuu <u>gu</u> .....	2	1	H74
.....uacccugaagaucgggcuuuu <u>gA</u> .....	18	1	H74
.....uaUcccuugaagaucgggcuuuu <u>gu</u> .....	3	1	H74
.....uacccuUaagaucgggcuuuu <u>gu</u> .....	2	1	H74
.....uacccugaagauc <u>g</u> Ucuuuu <u>gu</u> .....	2	1	H74
.....uacccugaagaucgggcuuuuUu.....	1	1	H74
.....uacccugaagaucgggcuuuuCu.....	1	1	H74
.....uacccugaagaucgggcuuuu <u>gu</u> .....	3099	0	H74
.....uacccugaagaucgggcuuuu <u>gG</u> .....	1	1	H74
.....uacccugaagaucgggcuuuuA <u>gu</u> .....	1	1	H74
.....uacccugaagaucgggcuuuuA <u>u</u> .....	2	1	H74
.....uaAccugaagaucgggcuuuu <u>gu</u> .....	7	1	H74
.....uacccugaagauc <u>g</u> Ccuuuu <u>gu</u> .....	1	1	H74
.....uacccugaagauc <u>cg</u> Agcuuuu <u>gu</u> .....	1	1	H74
.....uaccGugaagaucgggcuuuu <u>gu</u> .....	7	1	H74
.....uacccugaagauc <u>cg</u> Cgcuuuu <u>gu</u> .....	1	1	H74
.....uacccugaagaucgggcuuG <u>u</u> gu.....	3	1	H74
.....uacccugaagaucggg <u>c</u> Guuu <u>gu</u> .....	3	1	H74
.....uaccAugaagaucgggcuuuu <u>gu</u> .....	4	1	H74
.....uacccugaaUaucgggcuuuu <u>gu</u> .....	1	1	H74
.....uacccugCagaucgggcuuuu <u>gu</u> .....	1	1	H74
.....uacccugaagauc <u>g</u> Ugcuuuu <u>gu</u> .....	2	1	H74
.....uaccUugaagaucgggcuuuu <u>gu</u> .....	5	1	H74
.....uacccugaUgaucgggcuuuu <u>gu</u> .....	1	1	H74
.....uacccugaagauAcgggcuuuu <u>gu</u> .....	1	1	H74
.....uacccugaagaCcgggcuuuu <u>gu</u> .....	1	1	H74
.....uacccugaGgaucgggcuuuu <u>gu</u> .....	2	1	H74
.....uacccugaagaucgggUuuu <u>gu</u> .....	2	1	H74
.....uacccugaagGucgggcuuuu <u>gu</u> .....	1	1	H74
.....uacccugaagaucgggcuuA <u>gu</u> .....	5	1	H74
.....uacccugaagaucUgggcuuuu <u>gu</u> .....	1	1	H74
.....uacccugaagauc <u>cg</u> Acuuu <u>gu</u> .....	2	1	H74
.....uacccugaagauc <u>cg</u> Acuuu <u>gu</u> .....	6	1	H74
.....uacccugaagaucgggcuuuu <u>gu</u> U.....	27	1	H74
.....uacccugaagaucgggcuuuu <u>gAa</u> .....	1	1	H74
.....uacccugaagaucgggcuuuu <u>gua</u> .....	49	0	H74
.....uacccugaagaucgggcuuuu <u>guaU</u> .....	5	1	H74
.....uacccugaagaucgggcuuuu <u>guaA</u> .....	6	1	H74
.....uacccugaagaucgggcuuuu <u>guagC</u> .....	1	1	H74
.....uacccugaagaucgggcuuuu <u>guaUu</u> .....	1	1	H74

## Mature

## Star

uuuauaggcacaucgugaucuacccugaagauccgggcuuuuaguaguguuguuaucaacagagaagcucgucucuaacagguaucucacggcuggaagagaaacaacugcacaaaug

.....accugaagauccgggcu.....	1	0	H74
.....acGcugaagauccgggcuuuu.....	1	1	H74
.....accugaagauccgggcuuuu.....	21	0	H74
.....acUcugaagauccgggcuuuug.....	1	1	H74
.....accugaagauccgggcuuuug.....	43	0	H74
.....accugaUgauccgggcuuuugu.....	1	1	H74
.....accugaagauccgggcuuuu.....	1	1	H74
.....accuUaagauccgggcuuuugu.....	2	1	H74
.....accugaagauccggUcuuuuugu.....	1	1	H74
.....accugaagauccgggGuuuugu.....	1	1	H74
.....accugaagauccgCgcuuuuugu.....	1	1	H74
.....accugaagauccgggUuuuuugu.....	1	1	H74
.....accAugaagauccgggcuuuugu.....	1	1	H74
.....accugaagauccgAgcuuuugu.....	2	1	H74
.....accugaagauccgggAuuuugu.....	1	1	H74
.....acAcugaagauccgggcuuuugu.....	3	1	H74
.....acGcugaagauccgggcuuuugu.....	2	1	H74
.....accugaagauccgggcuuuCgu.....	2	1	H74
.....accugaagauAcgggcuuuugu.....	1	1	H74
.....accugaagauccgggcuuuuugC.....	1	1	H74
.....accugaagauccgggcuuuuugA.....	7	1	H74
.....accugaagauccgggcuuuuugG.....	1	1	H74
.....accGgaagauccgggcuuuugu.....	1	1	H74
.....accugaaUauccgggcuuuugu.....	2	1	H74
.....accugaagauccgggcuuuuGgu.....	2	1	H74
.....accugaagauccgggcuuuugu.....	1163	0	H74
.....accugaagauccgUgcuuuuugu.....	1	1	H74
.....accugaagauccgggcuuuuugG.....	1	1	H74
.....accugaagauccgggcuuuuugua.....	15	0	H74
.....accugaagauccgggcuuuuugU.....	4	1	H74
.....accugaagauccgggcuuuuuguaA.....	1	1	H74
.....accugaagauccgggcuuuuuguaU.....	1	1	H74
.....ccugaagauccgggcuuuugu.....	1	0	H74
.....ccugaagauccgggcuuuugu.....	1	0	H74
.....aacagaagcucgucucuaacag.....	1	0	H74
.....agaagcucgucucuaacaggu.....	3	0	H74
.....agCagcucgucucuaacaggu.....	1	1	H74
.....agaagcucgucucuaacaggua.....	3	0	H74
.....agaagcucgucucuaacagguau.....	4	0	H74
.....agaagcucgucucuaacagguauc.....	36	0	H74
.....agaagcucgucucuaacagguaucu.....	3	0	H74
.....agaagcucgucucuaacagguaucU.....	1	1	H74
.....gaagcucgucucuaacagg.....	3	0	H74
.....gaagcucgucucuaacaggu.....	18	0	H74
.....gaagcucgucucuaacaggua.....	30	0	H74
.....gaagcucgucucuaacagguau.....	14	0	H74
.....gaGgcucgucucuaacagguauc.....	1	1	H74
.....gaagcucAucucuaacagguauc.....	1	1	H74
.....gaagcucgucucuaacaggGauc.....	1	1	H74
.....gaagcucgucucuaacagguauc.....	192	0	H74
.....gaagcucgucucuaacagguaCc.....	1	1	H74
.....gaagcucgucUuacagguauc.....	1	1	H74
.....gaagcucgucucuaUguauc.....	1	1	H74
.....gaCgcucgucucuaacagguauc.....	1	1	H74
.....gaagcucgucucuaacagguagC.....	1	1	H74
.....gaagcucgucucuaGagguaucu.....	1	1	H74
.....gaagcucUucucuaacagguaucu.....	1	1	H74
.....gaagcucgucucuaacagguaucu.....	47	0	H74
.....gaagGucgucucuaacagguaucu.....	1	1	H74
.....gaagcucgucucuaacagguaucuU.....	1	1	H74
.....uacccugaagauccgggcuu.....	1	0	R72
.....uacccugaagauccgggcuuu.....	1	0	R72
.....uacccugaagauccgggcuuuu.....	6	0	R72
.....uacccugaagauccgggcuuuug.....	3	0	R72
.....uacccugaagauccgggcuuuuugA.....	1	1	R72
.....uacccugaagauccgggcuuuuugU.....	121	0	R72
.....uacccugaagauccUggcuuuugu.....	1	1	R72
.....uacccugaagauccgggcuuuuugU.....	2	1	R72
.....uacccugaagauccgggcuuuuugua.....	3	0	R72



## Mature

## Star

uuuauaggcacaucgugauc <u>uacccugaagauccgggcuuuugu</u> aguguuguuaucaaca <u>gaagcucgucucuacagguau</u> cucacggcuggaagagaaacaacugcacaaaug			
.....uacccugaagauccgggcuuuuguaA.....	2	1	R72
.....uacccugaagauccgggcuuuuguaU.....	1	1	R72
.....accucugaagauccgggcuuuu.....	1	0	R72
.....accucugaagauccgggcuuuug.....	2	0	R72
.....accucugaagauccgggcuuuugu.....	31	0	R72
.....accucugaagauccgggcuuuugA.....	2	1	R72
.....accucugaagauccgggcuuuuguU.....	2	1	R72
.....accucugaagauccgggcuuuugua.....	1	0	R72
.....cugaagauccgggcuuuu.....	1	0	R72
.....agaagcucgucucuacagguauc.....	1	0	R72
.....gaagcucgucucuUcaggua.....	1	1	R72
.....gaagcucgucucuacagguau.....	1	0	R72
.....gaagcucgucucuacagguauc.....	8	0	R72
.....uacccugaagauccgggcu.....	1	0	R74
.....uacccugaagauccgggcuuuu.....	4	0	R74
.....uacccugaagauccgggcuuuug.....	1	0	R74
.....uacccugaagauccgggcuuuugA.....	2	1	R74
.....uaccAugaagauccgggcuuuugu.....	1	1	R74
.....uacccugaagauccgggcuuuugu.....	56	0	R74
.....uacccugaagauccgggcuuuugua.....	1	0	R74
.....uacccugaagauccgggcuuuuguU.....	1	1	R74
.....accucugaagauccgggcuuuugu.....	18	0	R74
.....accucugaagauccgggcuuuugA.....	1	1	R74
.....accucugaagauccgggcuuuugua.....	2	0	R74
.....gaagcucgucucuacaggua.....	1	0	R74
.....cuacccugaagauccgggcuuuugu.....	1	0	B01
.....uacccugaagauccgggcuuu.....	1	0	B01
.....uacccugaagauccgggcuuuu.....	2	0	B01
.....uacccugaagauccgggcuuuug.....	5	0	B01
.....uacccugaagauccgggcuuuugu.....	123	0	B01
.....uacccugaagauccgggcuuAugu.....	1	1	B01
.....uaccAugaagauccgggcuuuugu.....	1	1	B01
.....uaAccugaagauccgggcuuuugu.....	1	1	B01
.....uacccugaagauccgggcuCuugu.....	1	1	B01
.....accucugaagauccgggcuuuug.....	1	0	B01
.....accucugaagauccgggcuuuugu.....	32	0	B01
.....accucugaagauccgggUuuuugu.....	1	1	B01
.....agaagcucgucucuacagguauc.....	1	0	B01
.....gaagcucgucucuacaggu.....	1	0	B01
.....gaagcucgucucuacagguau.....	1	0	B01
.....gaagcucgucucuacagguaucu.....	2	0	B01
.....cuacccugaagauccgggcu.....	1	0	H53
.....cuacccugaagauccgggcuu.....	1	0	H53
.....cuacccugaagauccgggcuuuug.....	1	0	H53
.....cuacccugaagauccgggcuuuugu.....	5	0	H53
.....cuacccugaagauccgggcuuuuguaA.....	1	1	H53
.....cuacccugaagauccgggcuuuuguagu.....	2	0	H53
.....uacccugaagauccgggc.....	1	0	H53
.....uacccugaagauccgggcu.....	14	0	H53
.....uacccugaagauccgggcuu.....	11	0	H53
.....uacccugaagauccgggcuuu.....	51	0	H53
.....uaUccugaagauccgggcuuu.....	1	1	H53
.....uaccGugaagauccgggcuuu.....	1	1	H53
.....uaGccugaagauccgggcuuuu.....	1	1	H53
.....uacccugaagauccgggcuuuu.....	1	1	H53
.....uacccugaagauccgggGuuuu.....	1	1	H53
.....uacccugaagauccGggcuuuu.....	1	1	H53
.....uacccugaagauccgggcAuuu.....	3	1	H53
.....uacccugaagauccgggAcuuu.....	1	1	H53
.....uaAccugaagauccgggcuuu.....	1	1	H53
.....uacccugaagauccgggcuuuu.....	305	0	H53
.....uUccugaagauccgggcuuuug.....	1	1	H53
.....uaccAugaagauccgggcuuuug.....	1	1	H53
.....uacccugaagauccgggcuuuuA.....	2	1	H53
.....uacccugaagauccgggcuuAug.....	1	1	H53
.....uacccugaagauccgggcuuuug.....	117	0	H53
.....uacccugaGgaucgggcuuuug.....	1	1	H53

## Mature

## Star

uuuauaggcacaucgugaucuacccugaagauccgggcuuuuguaguguuguuaucaacagaagcucgucucuacagguaucucacggcuggaagagaacaacugcacaaaug

.....uacccugaagauccgggcCuuug.....	1	1	H53
.....uacccugaagauccgggcuuGug.....	1	1	H53
.....uacccugaagauccgggcuuuU.....	10	1	H53
.....uacccugaagauccgggcuuuAu.....	6	1	H53
.....uGcccuagaagauccgggcuuuugu.....	1	1	H53
.....uacccugaagauccgAgcuuuugu.....	1	1	H53
.....uacccugaagauccgggcuuuAgu.....	1	1	H53
.....uacccugaagauccgggcuuuCu.....	2	1	H53
.....uacccugaagauccgggcuuuugu.....	1	1	H53
.....uacccugGagauccgggcuuuugu.....	2	1	H53
.....uacGcuagaagauccgggcuuuugu.....	2	1	H53
.....uacccugaagauccgggcCuuugu.....	2	1	H53
.....Cacccugaagauccgggcuuuugu.....	1	1	H53
.....uacccugaagauccgggcuuuuGC.....	2	1	H53
.....uacccugaagauccgggcuuGugu.....	3	1	H53
.....uacccugaagauccgggcuuuuGA.....	60	1	H53
.....uaGcccuagaagauccgggcuuuugu.....	1	1	H53
.....uacccugaagauccgUgcuuuugu.....	2	1	H53
.....uacccugaagauccgggcuuAgu.....	1	1	H53
.....uacccugaaUaucgggcuuuugu.....	2	1	H53
.....uacccugaagauccggCcuuuugu.....	2	1	H53
.....uacccugaagauccgggcuuuugu.....	2686	0	H53
.....uaccGuagaagauccgggcuuuugu.....	6	1	H53
.....uacccugaagauccggACuuuugu.....	3	1	H53
.....uacccugaagaCccgggcuuuugu.....	1	1	H53
.....uacccugaagauccgggUuuuugu.....	1	1	H53
.....uaAccugaagauccgggcuuuugu.....	9	1	H53
.....uacccuUaagauccgggcuuuugu.....	1	1	H53
.....uacccugaagauccAggcuuuugu.....	2	1	H53
.....uaccAugaagauccgggcuuuugu.....	9	1	H53
.....uacccugaagauccUgggcuuuugu.....	1	1	H53
.....uaUccugaagauccgggcuuuugu.....	5	1	H53
.....uacccugaagauccgggcGuuugu.....	3	1	H53
.....uacccugaagauccgggcuuuuUu.....	15	1	H53
.....uacccugaagauccUggcuuuugu.....	2	1	H53
.....uacccugaagauccgggcAuuugu.....	4	1	H53
.....uacccuAaagauccgggcuuuugu.....	1	1	H53
.....uacccugaagauccgggcuuuuGaa.....	12	1	H53
.....uacccugaagauccAgggcuuuugu.....	1	1	H53
.....uacccugaagauccgggcuuAugua.....	1	1	H53
.....uacccCgaagauccgggcuuuugu.....	1	1	H53
.....uacccugaaUaucgggcuuuugu.....	1	1	H53
.....uacccugaagauccCggcuuuugu.....	1	1	H53
.....uacccugaagauccgggcuuuugu.....	158	0	H53
.....uacccugaagauccgggcuuuuguU.....	41	1	H53
.....uaccAugaagauccgggcuuuugu.....	2	1	H53
.....uacccugaagauccgggcuuuuguU.....	21	1	H53
.....uacccugaagauccgggcuuuuguAA.....	60	1	H53
.....uacccugaagauccgggcuuuuguAU.....	1	1	H53
.....uacccugaagauccgggcuuuuguAAu.....	9	1	H53
.....uacccugaagauccgggcuuuuguaguguuguuaucaaca.....	1	0	H53
.....accugaagauccgggcu.....	6	0	H53
.....accugaagauccgggcuuu.....	1	0	H53
.....accugaagauccgggcuGu.....	1	1	H53
.....accugaagauccgggcuuuu.....	24	0	H53
.....accugaagauccgggcuuuuU.....	1	1	H53
.....accugaagauccAgggcuuuug.....	1	1	H53
.....accugaagauccgggcuuuug.....	65	0	H53
.....acGcuagaagauccgggcuuuugu.....	1	1	H53
.....accugaagaCccgggcuuuugu.....	1	1	H53
.....aAccugaagauccgggcuuuugu.....	1	1	H53
.....accugaagauccgggcuuAgu.....	1	1	H53
.....accugaagauccgUgcuuuugu.....	2	1	H53
.....accugaagauccAgggcuuuugu.....	1	1	H53
.....accugaagauccgggcuuuuG.....	1	1	H53
.....accugaagauccgggUuuuugu.....	2	1	H53
.....accGgaagauccgggcuuuugu.....	2	1	H53
.....accugaagauccgggcuuAgu.....	3	1	H53
.....acUcuagaagauccgggcuuuugu.....	2	1	H53
.....accCgaagauccgggcuuuugu.....	3	1	H53

## Mature

Star

uuuauaggcacaucuccgugaucuacccugaaagaucacgggcuuuuguauguuuguuuaucaacagaaagcucgucucucacagguaucacggcuggaagagaacaacugcacaaaug			
.....accugaaagaucacgggcuuuugu.....	877	0	H53
.....accugaaagaucacgggcuuuuU.....	2	1	H53
.....accugaaagaucacgggcuuuCgu.....	1	1	H53
.....accugaaagaucacggUcuuuugu.....	2	1	H53
.....accugaaagauAcgggcuuuugu.....	1	1	H53
.....accAgaagaucacgggcuuuugu.....	1	1	H53
.....accugaagaucAcggcuuuugu.....	1	1	H53
.....accugaaagaucacgggcuuuuugA.....	16	1	H53
.....accugaaUaucacgggcuuuugua.....	1	1	H53
.....accugaagaucacggUgcuuuugua.....	1	1	H53
.....accugaGgaucacgggcuuuugua.....	1	1	H53
.....accugaagaucacgggcuuuugua.....	80	0	H53
.....accugaagaucacgggcuuuuUua.....	1	1	H53
.....accugaagaucacgggcuuuuugG.....	1	1	H53
.....accCGaagaucacgggcuuuugua.....	1	1	H53
.....accugaagaucacgggcuuuuugAa.....	2	1	H53
.....accugaagaucacgggcuuuuuguU.....	15	1	H53
.....accugaagaucacgggcuuuuguaA.....	27	1	H53
.....accugaagaucacgggcuuuuguaU.....	8	1	H53
.....accugaagaucacgggcuuuuguaUu.....	3	1	H53
.....ccugaaagaucacgggcuu.....	2	0	H53
.....ccugaagaucacgggcuuuugu.....	2	0	H53
.....cugaagaucacgggcuuuugu.....	1	0	H53
.....cugaagaucacgggcuuuuguU.....	4	0	H53
.....cugaagaucacgggcuuuuguU.....	1	1	H53
.....ugaagaucacgggcuuuugu.....	2	0	H53
.....agaagcucgucucuacagg.....	1	0	H53
.....agCagcucgucucuacagg.....	1	1	H53
.....agaagcucgucucuacagg.....	2	0	H53
.....agaagcucgucucuacaggua.....	1	0	H53
.....agaagcucgucucuacagguaU.....	1	0	H53
.....agaagcucgucucuacagguauc.....	36	0	H53
.....agaagcucgucucuacagguaucU.....	2	0	H53
.....gaagcucgucucuacagg.....	1	1	H53
.....gaagcucgucucuacagg.....	2	0	H53
.....gaagcucCucucuacagg.....	28	0	H53
.....gaagcucCucucuacagg.....	1	1	H53
.....gaagcucgucucuacaggua.....	55	0	H53
.....gaagcucguUucacuacaggua.....	1	1	H53
.....gaagcucgucucuacaggguU.....	1	1	H53
.....gaagcucgucucuacagguaA.....	2	1	H53
.....gaagcucgucucuCagguaU.....	1	1	H53
.....gaagcucgucucuacagguaU.....	19	0	H53
.....gaagcucgucucuacaggCauc.....	1	1	H53
.....gaagcucgucucuacagguauc.....	306	0	H53
.....gaagcucgucucuAagguauc.....	2	1	H53
.....gaagcucgucucuacagguaUA.....	1	1	H53
.....gaagcucgucucuAagguauc.....	2	1	H53
.....gaagcuAguucuacagguauc.....	1	1	H53
.....gaagcucgucucuacagguaAc.....	1	1	H53
.....uacccugaagaucacgggcuuuU.....	2	1	H53
.....gaagAucgucucuacagguaucU.....	50	0	H53
.....gaagcucgucucuacagguaucU.....	2	1	H53
.....gaagcucgucucuacagguaucU.....	2	1	H53
.....ucuaaccugaagaucacgggcuuuugu.....	1	0	H33
.....cuacccugaagaucacgggcuuuuU.....	1	1	H33
.....cuacccugaagaucacgggcuuuugu.....	2	0	H33
.....uacccugaagaucacgggc.....	1	0	H33
.....uacccugaagaucacgggcu.....	5	0	H33
.....uacccugaagaucacgggcuu.....	3	0	H33
.....uacccugaagaucacgggcuuu.....	16	0	H33
.....Aacccugaagaucacgggcuuu.....	1	1	H33
.....uacccugGagaucacgggcuuu.....	1	1	H33
.....uacccugaaUaucacgggcuuu.....	1	1	H33
.....uacccugaagaucacgggcuuu.....	164	0	H33
.....uaccUugaagaucacgggcuuu.....	2	1	H33
.....uacccugaagaucCggcuuu.....	1	1	H33
.....uacccugaagaucacgggCuu.....	1	1	H33
.....uacccugaagaucacgggcuuuU.....	5	1	H33

## Mature

## Star

uuuauaggcacaucgcgugaucuaccccgugaagauccggggcuuuuguaguguuguuaucaacagaagcucgcucucuaacagguaucucacgggcuggaagagaaacaacugcacaaaug			
.....uaccccgugaagauccggggcuuuug.....	96	0	H33
.....uaccccgugaagauccgggUcuuuug.....	1	1	H33
.....uacUcugaagaauccggggcuuuugu.....	1	1	H33
.....uaccUugaagaauccggggcuuuugu.....	2	1	H33
.....uaAccugaagaauccggggcuuuugu.....	3	1	H33
.....uaccccgaaUauccggggcuuuugu.....	1	1	H33
.....uaccccgugaagaauccggggcuuuugA.....	16	1	H33
.....uaccccgugaagaucUggcuuuugu.....	1	1	H33
.....uUcccgugaagaauccggggcuuuugu.....	1	1	H33
.....Cacccgugaagaauccggggcuuuugu.....	1	1	H33
.....Aacccgugaagaauccggggcuuuugu.....	1	1	H33
.....uaccccgugaagaucCgcuuuugu.....	1	1	H33
.....uaccccgugaagaucCggcuuuUu.....	8	1	H33
.....uaGccugaagaauccggggcuuuugu.....	2	1	H33
.....uaccGugaagaauccggggcuuuugu.....	1	1	H33
.....uaccccgaaAauccggggcuuuugu.....	1	1	H33
.....uaccccgugaagaucCgggcUuuugu.....	2	1	H33
.....uaccccgugaagaucCgggcAuugu.....	3	1	H33
.....uGcccgugaagaauccggggcuuuugu.....	1	1	H33
.....uaccccgugaagaucCggAcuuuugu.....	2	1	H33
.....uaccccgGagaucCggggcuuuugu.....	1	1	H33
.....uaccccgugaagauAcgggcuuuugu.....	2	1	H33
.....uaccccgugaagaucCgggcUuAugu.....	1	1	H33
.....uaccccgugaagaucCggggcuuuugu.....	1971	0	H33
.....uaccAugaagaauccggggcuuuugu.....	3	1	H33
.....uaccccgugaagaucCgggcUuuugu.....	2	1	H33
.....uaccccgugaagaucCgggUuuugu.....	1	1	H33
.....uaUccugaagaauccggggcuuuugu.....	2	1	H33
.....uGcccgugaagaauccggggcuuuugua.....	1	1	H33
.....uaccccgugaagaucCggggcuuuugua.....	37	0	H33
.....uaccccgugaagaucCggggcuuuuguU.....	33	1	H33
.....uaccccgugaagaucCggggcuuuugAa.....	2	1	H33
.....uaccccgugaagaucCggggcuuuuguaA.....	17	1	H33
.....uaccccgugaagaucCggggcuuuuguaU.....	8	1	H33
.....uaccccgugaagaucCggggcuuuuguaAu.....	3	1	H33
.....acccgugaagaucCgggcu.....	4	0	H33
.....acccgugaagaucCggggcuuu.....	1	0	H33
.....acccgugaagaucCggggcuuuu.....	13	0	H33
.....acccgugaagaucCggggcuuuug.....	26	0	H33
.....acccgugaagaucCggggcuuuCgu.....	2	1	H33
.....acAcugaagaauccggggcuuuugu.....	3	1	H33
.....acccgugaagaucCgcuuuugu.....	1	1	H33
.....acccgugaagaucCgggGuuuugu.....	2	1	H33
.....acccgugaagaucUgggcuuuugu.....	1	1	H33
.....accAcugaagaauccggggcuuuugu.....	1	1	H33
.....acccgugaagaucCgggcuAuugu.....	1	1	H33
.....acccgugaagaucCggggcuuuUu.....	1	1	H33
.....acccgugaagaucCggggcuuuugA.....	1	1	H33
.....acccgugaagaucCgggCcuuuugu.....	1	1	H33
.....acccgugaagaucCggggcuuuugu.....	634	0	H33
.....acccgugaagaucCgggcuGuugu.....	1	1	H33
.....acccgugaagaucCggggcuuuuguU.....	10	1	H33
.....acccgugaagaucCggggcuuuugua.....	24	0	H33
.....acAcugaagaucCggggcuuuugua.....	1	1	H33
.....acccgugaagaucCggggcuuuuguaA.....	4	1	H33
.....acccgugaagaucCggggcuuuuguaU.....	5	1	H33
.....acccgugaagaucCggggcuuuuguaguguuguuaucaaca.....	1	0	H33
.....cccgugaagaucCggggcuuuugu.....	3	0	H33
.....ccugaagaucCggggcuuuugu.....	1	0	H33
.....agaagcucgcucucuaacaggu.....	1	0	H33
.....agaagcucgcucucuaacagguau.....	1	0	H33
.....agaagcucgcucucuaacagguauU.....	1	1	H33
.....agaagcucgcucucuaacagguauc.....	13	0	H33
.....gaagcucgcucucuaacagg.....	2	0	H33
.....gaagcucgcucucuaacaggu.....	16	0	H33
.....gaagcucgcucucuaAaggu.....	1	1	H33
.....gaagcucgcucucuaacaggua.....	30	0	H33
.....gaagcucgAcucuaacaggua.....	1	1	H33
.....gaagcucgcucucuaacagguau.....	16	0	H33
.....gaagcucgcucucuaacagguauc.....	163	0	H33

## Mature

## Star

uuuauaggcacaucgugaucuacccugaaagauccgggcuuuuguaguguuguuaucaacagaagcucgucucuaacagguaucucacggcuggaagagaaacaacugcacaaaug

.....gaagcucguUucuaacagguauc.....	1	1	H33
.....gGagcucgucucuaacagguauc.....	1	1	H33
.....gaagcucUucucuaacagguauc.....	1	1	H33
.....gaagcucgucucuaacagguaucu.....	71	0	H33
.....gaagcucgucucuaacaggAaucu.....	1	1	H33
.....gaagcucgucucuaacagguaucuU.....	1	1	H33
.....aucuacccugaagaucgggcuuu.....	1	0	E03
.....cuacccugaagaucgggcuuuug.....	1	0	E03
.....cuacccugaagaucgggcuuuugu.....	8	0	E03
.....uacccugaagaucgggcuu.....	1	0	E03
.....uacccugaagaucgggcuuu.....	4	0	E03
.....uacccugaagaucgggUcuuu.....	1	1	E03
.....uacccugaagaucgggcuuu.....	30	0	E03
.....uacccugaagaucgggcuuuug.....	34	0	E03
.....uacccugaagaucgggUuuuugu.....	1	1	E03
.....Aacccugaagaucgggcuuuugu.....	1	1	E03
.....uacccugaagaucAgggcuuuugu.....	1	1	E03
.....uacccugaagaucgggcuuuuAu.....	1	1	E03
.....uaAccugaagaucgggcuuuugu.....	1	1	E03
.....uacccugaagaucgggcGuuugu.....	4	1	E03
.....uacccugaagaucgggAuuuugu.....	1	1	E03
.....uacccugaaUaucgggcuuuugu.....	1	1	E03
.....uacCGugaagaucgggcuuuugu.....	2	1	E03
.....uacccugaagaucgggAcuuuugu.....	1	1	E03
.....uacccugaagaucgggcuuCugu.....	1	1	E03
.....uacccugCagaucgggcuuuugu.....	1	1	E03
.....uacccugaagaucgggcuuuuUu.....	2	1	E03
.....uacccugaagaucgggcuuuugA.....	2	1	E03
.....uacccugaagaucgggcAuugu.....	2	1	E03
.....uacccugaagaucAggcuuuugu.....	2	1	E03
.....uaGccugaagaucgggcuuuugu.....	2	1	E03
.....uacccugaagaucgggcuuuugu.....	807	0	E03
.....uacccugaUgaucgggcuuuugu.....	1	1	E03
.....uacccugaagaucgggcuUGugu.....	1	1	E03
.....uacCUgaagaucgggcuuuugu.....	1	1	E03
.....uacccugGagaucgggcuuuugu.....	1	1	E03
.....uacccugaagaucgggcuuuugua.....	11	0	E03
.....uacccugaagaucgggcuuuuguU.....	3	1	E03
.....accugaagaucgggcuuu.....	2	0	E03
.....accAGaagaucgggcuuuug.....	1	1	E03
.....accugaagaucgggcuuuug.....	10	0	E03
.....accugaagaucgggcuuuugu.....	224	0	E03
.....accugaagaucgggcuuuugA.....	1	1	E03
.....acGcugaagaucgggcuuuugu.....	1	1	E03
.....accugaagaucgggcuAuugu.....	1	1	E03
.....acAcugaagaucgggcuuuugu.....	1	1	E03
.....accugaagaucggUgcuuuugu.....	1	1	E03
.....accugaagaucgggcuuuugua.....	4	0	E03
.....accugaagaucgggcuuuuguU.....	1	1	E03
.....agaagcucgucucuaacagguauc.....	11	0	E03
.....gaagcucgucucuaacaggu.....	6	0	E03
.....gaagcucgucucuaacaggua.....	8	0	E03
.....gaagcucgucucuaacagguau.....	2	0	E03
.....gaagcucgucucuaacagguauc.....	17	0	E03
.....gaagcucgucucuaacagguauU.....	1	1	E03
.....gaagcucgucucuaacagguaucu.....	21	0	E03
.....gaagcucgucucuaacagguaucuU.....	1	1	E03
.....cuacccugaagaucgggcuuuugu.....	3	0	H44
.....cuacccugaagaucgggcuuuugua.....	2	0	H44
.....uacccugaagaucgggc.....	1	0	H44
.....uacccugaagaucgggcu.....	9	0	H44
.....uacccugaagaucgggcuu.....	13	0	H44
.....uacccugaagaucgggcGu.....	1	1	H44
.....uacccugCagaucgggcuuu.....	1	1	H44
.....uacccugaagaucgggcuuu.....	42	0	H44
.....uacccugaagaucgggcuuC.....	1	1	H44
.....uacUcugaagaucgggcuuu.....	1	1	H44
.....uacccugaagaucUggcuuu.....	1	1	H44

## Mature

## Star

uuuauaggcacaucgugaucuacccugaagauccgggcuuuuguaguguuguuaucaacagaagcucgucucacagguaucucacggcuggaagagaaacaacugcacaaaug

.....uaAccugaagauccgggcuuuu.....	1	1	H44
.....uacccugaagauccgggcuuuu.....	3	1	H44
.....uacGcugaagauccgggcuuuu.....	1	1	H44
.....uacccugaagauccgggcuuuu.....	1	1	H44
.....uaccAugaagauccgggcuuuu.....	1	1	H44
.....uacccugaagauccgggcuuuu.....	293	0	H44
.....uaGccugaagauccgggcuuuu.....	1	1	H44
.....uacccuUaagauccgggcuuuu.....	1	1	H44
.....uaUccugaagauccgggcuuuu.....	1	1	H44
.....uacccugaagauccgggcuuuuA.....	3	1	H44
.....uaccAugaagauccgggcuuuug.....	1	1	H44
.....uacccugaagauccgggcuuuuU.....	12	1	H44
.....uacccugaagauccgggcuuuug.....	91	0	H44
.....uacccugaagauccgggcuuuugC.....	4	1	H44
.....uacccugaagauccgggcuuuuCu.....	1	1	H44
.....uacccugaagauccgggcuuuugA.....	127	1	H44
.....uaUccugaagauccgggcuuuugu.....	3	1	H44
.....uacccugaagauUcgggcuuuugu.....	1	1	H44
.....uacccugaagauccgggcuuAugu.....	2	1	H44
.....uacccugaagauccgggcuuuugu.....	2329	0	H44
.....uacccugaagauccUgggcuuuugu.....	2	1	H44
.....uacccugaagauccgggcuuuuUu.....	20	1	H44
.....uacccCgaagauccgggcuuuugu.....	1	1	H44
.....uacccugaagauccggUcuuugu.....	1	1	H44
.....uacccugaagauccgggcuuGugu.....	1	1	H44
.....uUcccuagaagauccgggcuuuugu.....	1	1	H44
.....uaccGugaagauccgggcuuuugu.....	4	1	H44
.....uacccugaagauccCgggcuuuugu.....	1	1	H44
.....uacAcugaagauccgggcuuuugu.....	1	1	H44
.....uaGccugaagauccgggcuuuugu.....	3	1	H44
.....uacccugaagCuccgggcuuuugu.....	1	1	H44
.....uacccugaagGuccgggcuuuugu.....	1	1	H44
.....uacccugaagauccgUgcuuugu.....	1	1	H44
.....uacccugaaUaucgggcuuuugu.....	2	1	H44
.....uacccugGagaucgggcuuuugu.....	3	1	H44
.....uacccugaagauccgggcuuuuAu.....	2	1	H44
.....uacccugaagauccgggcuuuugG.....	1	1	H44
.....uacccugaagauUgggcuuuugu.....	2	1	H44
.....uacccugaagauccgggcuGugu.....	1	1	H44
.....uaccUugaagauccgggcuuuugu.....	1	1	H44
.....uacccugaagauccggCcuuuugu.....	1	1	H44
.....uaccAugaagauccgggcuuuugu.....	2	1	H44
.....uacccugaagauccgggUuuugu.....	1	1	H44
.....uacccugaagauccgAgcuuuugu.....	2	1	H44
.....uacccugaagauccgggCuuugu.....	4	1	H44
.....uaAccugaagauccgggcuuuugu.....	3	1	H44
.....uacccugaagauccgggcuuuugu.....	1	1	H44
.....uacccugaagauccAggcuuuugu.....	1	1	H44
.....uacccugaagauccgggUuuugu.....	1	1	H44
.....uacccugaagauccgggcuuuugua.....	112	0	H44
.....uacccugaagauccggUcuuugua.....	1	1	H44
.....uacccugaagauccgggcuuuuCua.....	1	1	H44
.....uacccugaagauccgggcuuuugAa.....	12	1	H44
.....uacccugaagauccgggcuuuuguU.....	32	1	H44
.....uacccugaagauccgggcuuuuguUg.....	1	1	H44
.....uacccugaagauccgggcuuuuguauU.....	17	1	H44
.....uacccugaagauccgggcuuuuguauA.....	33	1	H44
.....uacccugaagauccgggcuuuuguauAu.....	3	1	H44
.....uacccugaagauccgggcuuuuguauUu.....	4	1	H44
.....accugaagauccgggc.....	4	0	H44
.....accugaagauccgCgc.....	1	1	H44
.....accugaagauccgggcu.....	1	0	H44
.....accugaagauccgggcu.....	5	0	H44
.....accugaagauccgggcu.....	27	0	H44
.....accugaagauccgggcuuuug.....	54	0	H44
.....acGcugaagauccgggcuuuug.....	1	1	H44
.....accugaagauccgggcuuuug.....	1	1	H44
.....accugaagauGcgggcuuuugu.....	1	1	H44
.....acAcugaagauccgggcuuuugu.....	1	1	H44
.....accCgaagauccgggcuuuugu.....	2	1	H44

Star

uuuauaggcacauccgugaucuacccugagaagaucoggggcuuuuuguguguuaucaacagaagcucugucucuacagguaucucacggcuggaagagaaacaacugcacaaaug			
.....accucugaagauccgCgcuuuuugu.....	1	1	H44
.....accucugaagaucoggggUuuuuugu.....	1	1	H44
.....accuGgaagaucoggggcuuuuugu.....	1	1	H44
.....accucugaagaucoggggcCuuugu.....	1	1	H44
.....accucugaagaucoggggcuAuuugu.....	2	1	H44
.....accucugaagaucoggggcuuuuUu.....	2	1	H44
.....accucugaagaCccggggcuuuuugu.....	2	1	H44
.....acUcugaagaucoggggcuuuuugu.....	2	1	H44
.....accucugaagaucoggggcuuuugC.....	2	1	H44
.....accucugaagaucoggggAuuuuugu.....	1	1	H44
.....accucugaagaucoggggcuCuuugu.....	2	1	H44
.....accucugaagaucoggggcuuuuugu.....	856	0	H44
.....accuAgaagaucoggggcuuuuugu.....	1	1	H44
.....accucugaGgaucoggggcuuuuugu.....	1	1	H44
.....accucugaaUaucoggggcuuuuugu.....	2	1	H44
.....accucugaagaucoggggcuuuugA.....	37	1	H44
.....accucugaagaucoggggcuuuugCa.....	1	1	H44
.....accucugaagaucoggggcuuuuugG.....	1	1	H44
.....accucugaagaucoggggcuuuuugua.....	69	0	H44
.....accucugaagaucoggggcuuuuugU.....	15	1	H44
.....accucugaagaucoggggcuuuugAa.....	4	1	H44
.....accucugaagaucoggggcuuuuugUg.....	1	1	H44
.....accucugaagaucoggggcuuuuuguaA.....	21	1	H44
.....accucugaagaucoggggcuuuuuguaU.....	5	1	H44
.....accucugaagaucoggggcuuuuuguaUu.....	6	1	H44
.....accucugaagaucoggggcuuuuuguaAu.....	1	1	H44
.....ccucugaagaucoggggcuuuuugu.....	2	0	H44
.....Accugaagaucoggggcuuuuugu.....	1	1	H44
.....ccucugaagaucoggggcuuuugA.....	1	1	H44
.....ccucugaagaucoggggcuuuugA.....	1	1	H44
.....ccugaagaucoggggcuuuuugua.....	1	0	H44
.....ugaagaucoggggcuuuuugU.....	1	1	H44
.....agaagcucugucucuacagA.....	1	1	H44
.....agaagcucugucucuacaggu.....	4	0	H44
.....agaagcucugucucuacaggua.....	1	0	H44
.....agaagcucugucucuacagguaU.....	7	0	H44
.....agaagcucugucucuacagguauc.....	30	0	H44
.....gaagcucugucucuacaggu.....	25	0	H44
.....gaagcucugucucuacaggua.....	50	0	H44
.....gaagcucugucucuacUggua.....	1	1	H44
.....gaagcucugucucuacagUua.....	1	1	H44
.....gaagcucugucucuacagguaU.....	37	0	H44
.....gaagAucgucucuacagguauc.....	1	1	H44
.....gaagcucugucucuacagguauc.....	181	0	H44
.....gaagGucgucucuacagguauc.....	1	1	H44
.....gaagcucUucucuacagguauc.....	1	1	H44
.....gaagcucgucucuacaggAauc.....	1	1	H44
.....gaagcucgucucuacagguaucU.....	81	0	H44
.....gaagcucgucucuacagguaucU.....	3	1	H44
.....cuaccucugaagaucoggggcuuuug.....	1	0	H63
.....cuaccucugaagaucoggggcuuuuugu.....	6	0	H63
.....cuaccucugaagaucoggggcuuuuugua.....	1	0	H63
.....cuaccucugaagaucoggggcuuuuugU.....	1	1	H63
.....uaccucugaagaucogggc.....	2	0	H63
.....uaccucugaagaucoggggcu.....	4	0	H63
.....uaccucugaagaucoggggcu.....	2	0	H63
.....uaccucugaagaucoggggcuuu.....	23	0	H63
.....uaccucugaagaCccggggcuuu.....	1	1	H63
.....uaccucugaagaucoggaAcuuuu.....	1	1	H63
.....uaccucugaagaucoggggcuuGu.....	1	1	H63
.....uaccucugaagaucoggggcuuuu.....	85	0	H63
.....uaUccugaagaucoggggcuuuu.....	1	1	H63
.....uaccucugaagaucoggggcuuuU.....	6	1	H63
.....uaccUugaagaucoggggcuuuug.....	1	1	H63
.....uaccucugaagaucoggggcuuGug.....	1	1	H63
.....uaUccugaagaucoggggcuuuug.....	1	1	H63
.....uaccucugaagaucoggggcuuuug.....	66	0	H63
.....uaccucugaagauccAggcuuuug.....	1	1	H63
.....uaGccugaagaucoggggcuuuuugu.....	1	1	H63

## Mature

## Star

uuuauaggcacaucgugaucuacccugaaagauccgggcuuuuuguaguguuguuaucaacagaaagcucgucucuaacagguaucucacggcuggaagagaaacaacugcacaaaug			
.....uaAccugaagauccgggcuuuugu.....	2	1	H63
.....uacccugaagauccgggcuuuugu.....	3	1	H63
.....uacccugaagauccgggcuuuuU.....	7	1	H63
.....uacccugaagauccgggcuuuugu.....	1	1	H63
.....uaccAugaagauccgggcuuuugu.....	1	1	H63
.....uacccugaagauccgggcuuuugu.....	1	1	H63
.....uacccugaagauccgggcuuuugu.....	1	1	H63
.....uacccugaagauccgggcuuuugu.....	2	1	H63
.....uacccugaagCuccgggcuuuugu.....	2	1	H63
.....uaccGugaagauccgggcuuuugu.....	4	1	H63
.....uacccugaagauccgggcuuuCgu.....	1	1	H63
.....uacccugaagauccgggcuuuugu.....	1	1	H63
.....uacccugaagauccgggcuuuugu.....	1	1	H63
.....uacccugaagauccgggcuuuugu.....	2	1	H63
.....uacccugaagauccgggcuuuuugA.....	4	1	H63
.....uacccugaagauccgggcuuuugu.....	2	1	H63
.....uacccugaagauccgggcuuuugu.....	2	1	H63
.....uacccugaagauccgggcuuuugu.....	4	1	H63
.....uacccugaagauccgggcuuuCgu.....	3	1	H63
.....uacccugaagauccgggcuuuugu.....	1	1	H63
.....uacccugaagauccgggcuuuugu.....	1	1	H63
.....uacccugaagauccgggcuuuugu.....	1	1	H63
.....uacccugaagauccgggcuuuugu.....	1830	0	H63
.....uacccugaagauccgggcuuuugu.....	1	1	H63
.....uacccugaagauccgggcuuuugu.....	1	1	H63
.....uacccugaagauccgggcuuuugu.....	3	1	H63
.....uacccugaagauccgggcuuuugu.....	1	1	H63
.....uacccugaagauccgggcuuuugu.....	2	1	H63
.....uacccugaagauccgggcuuuuAu.....	2	1	H63
.....uacccugaagauccgggcuuuugu.....	41	0	H63
.....uacccugaagauccgggcuuuuguU.....	13	1	H63
.....uacccugaagauccgggcuuuuguA.....	7	1	H63
.....uacccugaagauccgggcuuuuguU.....	2	1	H63
.....accugaagauccgggcuuu.....	4	0	H63
.....accugaagauccgggcuuu.....	13	0	H63
.....accugaagauccgggcuuuuug.....	1	1	H63
.....accugaagauccgggcuuuuA.....	1	1	H63
.....accugaagauccgggcuuuuug.....	29	0	H63
.....accugaagauccgggcuuuuug.....	1	1	H63
.....accugaagaCccgggcuuuuug.....	1	1	H63
.....accugaagauccgggcuuuuug.....	540	0	H63
.....acUcugaagauccgggcuuuuug.....	2	1	H63
.....accugaUgaucgggcuuuuug.....	1	1	H63
.....accugaagauccgggcuuuuug.....	1	1	H63
.....accCgaagauccgggcuuuuug.....	1	1	H63
.....accugaagauccgggcuuuuug.....	1	1	H63
.....acAcugaagauccgggcuuuuug.....	2	1	H63
.....accugaagauccgggcuuuuug.....	2	1	H63
.....accugaagauccgggcuuuuug.....	1	1	H63
.....accugaagauccgggcuuuuugC.....	1	1	H63
.....accCgaagauccgggcuuuuug.....	2	1	H63
.....accugaagauccgggcuuuuugU.....	3	1	H63
.....accugaagauccgggcuuuuugA.....	14	0	H63
.....accugaagauccgggcuuuuugU.....	2	1	H63
.....accugaagauccgggcuuuuugU.....	1	1	H63
.....agaagcucgucucuaacaggua.....	2	0	H63
.....agaagcucgucucuaacagguauc.....	15	0	H63
.....gaagcucgucucuaacagg.....	1	0	H63
.....gaagcucgucucuaacaggu.....	8	0	H63
.....gaagGucgucucuaacaggua.....	1	1	H63
.....gaagcucgucucuaacagguU.....	1	1	H63
.....gaagcucgucucuaaUgua.....	1	1	H63
.....gaagcucgucucuaacaggAa.....	1	1	H63
.....gaagcucgucucuaacaggua.....	17	0	H63
.....gaagcucgucucuaaAguau.....	1	1	H63
.....gaagcucgucucuaacaggua.....	12	0	H63
.....gaaUcucgucucuaacagguauc.....	1	1	H63
.....gaagcucgucucuaaAguau.....	1	1	H63
.....gaagcucgucucuaacagguauc.....	88	0	H63
.....gaagcucgucucuaacagguauc.....	54	0	H63



## Mature

## Star

uuuauaggcacaucgugauc <u>uacccugaagaucggggcuuuugu</u> aguguuguuaucaacagaagcucgucuc <u>uacagguau</u> cucacggcuggaagagaaacaacugcacaaaug			
.....gaagcucgucuc <u>uacagguau</u> CA.....	2	1	H63
.....gaagcucgucuc <u>uacagguau</u> c.....	1	0	H63
.....uacccugaagaucggggcuuu.....	1	0	B04
.....uacccugaagaucggggcuuu.....	4	0	B04
.....uacccugaagaucggggcuuuug.....	7	0	B04
.....uacccugaagaucggggcuuuuU.....	1	1	B04
.....uacCGugaagaucggggcuuuugu.....	2	1	B04
.....uacccugaagaucggggcuuuugu.....	85	0	B04
.....uacccugaagaucggggcuuuugC.....	1	1	B04
.....uacccugaagaucggggcuuuugua.....	2	0	B04
.....accugaagaucggggcuuuugu.....	32	0	B04
.....agaagcucgucuc <u>uacagguau</u> c.....	1	0	B04
.....gaagcucgucuc <u>uacaggu</u> .....	1	0	B04
.....gaagcucgucuc <u>uacagguau</u> c.....	1	0	B04
.....gaagcucgucuc <u>uacagguau</u> c.....	2	0	B04
.....cuacccugaagaucggggcuuu.....	1	0	H01
.....cuacccugaagaucggggcuuu.....	2	0	H01
.....cuacccugaagaucggggcuuuugu.....	7	0	H01
.....uacccugaagaucggggcu.....	3	0	H01
.....uacccugaagaucggggcu.....	2	0	H01
.....uacccugaagaucggggcuuu.....	12	0	H01
.....uaGccugaagaucggggcuuu.....	1	1	H01
.....uaUccugaagaucggggcuuu.....	1	1	H01
.....uacccugaagaucggggcuuGu.....	1	1	H01
.....uacccugaagaucggggcGuuu.....	1	1	H01
.....uacccugaagaucggggcuuu.....	70	0	H01
.....uacccugaagaucgggCcuuuug.....	1	1	H01
.....uacccugaagaucggggcuuuU.....	2	1	H01
.....uacccugaagaucggggcuuuug.....	74	0	H01
.....uacccugaagaucggggcuuuuCu.....	1	1	H01
.....uacccugaagaucggggAuuuugu.....	1	1	H01
.....uacccugaagaucAgggcuuuugu.....	2	1	H01
.....uacccugaagaucggCGcuuuugu.....	1	1	H01
.....uacccugaagaucggggcuuGgu.....	1	1	H01
.....uacccugaagaucggggcuuCGu.....	1	1	H01
.....uacccugaaUaucggggcuuuugu.....	1	1	H01
.....uacccugaagaucggggcuuuugA.....	2	1	H01
.....uacccugaagaGccggggcuuuugu.....	1	1	H01
.....uaGccugaagaucggggcuuuugu.....	1	1	H01
.....uacccugaagaucgggCcuuuugu.....	4	1	H01
.....uacccugaagaucUggcuuuugu.....	1	1	H01
.....uacccugaagaucggggcCuuugu.....	1	1	H01
.....uaAccugaagaucggggcuuuugu.....	3	1	H01
.....uacccugGagaucggggcuuuugu.....	1	1	H01
.....uacccugaagaucggggcuAuugu.....	1	1	H01
.....uacccugaagaucggggcuuAugu.....	1	1	H01
.....uacccGgaagaucggggcuuuugu.....	1	1	H01
.....uacccugaagaucggggcuuuuUu.....	1	1	H01
.....uacccugaagaucggggcuuGgu.....	1	1	H01
.....uacccugaagaucgggAcuuugu.....	4	1	H01
.....uacccugaagaucggggcuuAgu.....	3	1	H01
.....uacccugaUgaucggggcuuuugu.....	1	1	H01
.....uacCGugaagaucggggcuuuugu.....	1	1	H01
.....uacccugaagaucggggcuuuugu.....	1722	0	H01
.....uacccugaagaucgggUcuuuugu.....	5	1	H01
.....uacccugaagaucggggcuuuugua.....	13	0	H01
.....uacccugaagaucggggcuuuuguU.....	14	1	H01
.....uacccugaagaucggggcuuuuguaA.....	1	1	H01
.....uacccugaagaucggggcuuuuguaU.....	2	1	H01
.....accugaagaucggggcuuu.....	2	0	H01
.....accugaagaucggggcuuu.....	7	0	H01
.....accugaagaucggggcuuuug.....	31	0	H01
.....accugaagaucggggcuuGug.....	1	1	H01
.....acAcugaagaucggggcuuuug.....	1	1	H01
.....accugaagaucggggcuuuugu.....	509	0	H01
.....accugaagaucggggcuuuGgu.....	1	1	H01
.....accugaagaucggggcuuGuu.....	1	1	H01
.....acAcugaagaucggggcuuuugu.....	3	1	H01

## Mature

## Star

uuuauaggcacaucgugaucuacccugaaagauccgggcuuuuguaguguuguuaucaacagaagcucgucucuacagguaucucacggcuggaagagaaacaacugcacaaaug

.....acc <u>cu</u> Uaagaucgggcuuuu <u>gu</u> .....	1	1	H01
.....acc <u>cu</u> gaGgaucgggcuuuu <u>gu</u> .....	1	1	H01
.....accUgaagaucgggcuuuu <u>gu</u> .....	1	1	H01
.....acG <u>cu</u> gaagaucgggcuuuu <u>gu</u> .....	1	1	H01
.....acc <u>cu</u> gaagaucgggcuG <u>uu</u> gu.....	1	1	H01
.....acc <u>cu</u> gaagaucgggGU <u>uu</u> u <u>gu</u> .....	1	1	H01
.....acc <u>cu</u> gaagaucgggcuuuu <u>gu</u> A.....	1	1	H01
.....acc <u>cu</u> gCagaucgggcuuuu <u>gu</u> .....	2	1	H01
.....acc <u>cu</u> gCagaucgggcuuuu <u>gu</u> .....	1	1	H01
.....acc <u>cu</u> gaagaucgggcuuA <u>u</u> gu.....	1	1	H01
.....acc <u>cu</u> gaagaucAggcuuuu <u>gu</u> .....	1	1	H01
.....acc <u>cu</u> gaagaucgggA <u>uu</u> u <u>gu</u> .....	4	1	H01
.....acc <u>cu</u> gaagaucgggGuuuu <u>gu</u> .....	1	1	H01
.....acc <u>cu</u> gaagaucgggcuuC <u>u</u> gu.....	1	1	H01
.....acc <u>cu</u> gaagaucgggGUuuu <u>gu</u> a.....	1	1	H01
.....acc <u>cu</u> gaagaucgggcuuuu <u>gu</u> a.....	6	0	H01
.....acc <u>cu</u> gaagaucgggcuuuu <u>gu</u> U.....	3	1	H01
.....acc <u>cu</u> gaagaucgggcuuuu <u>gu</u> aU.....	1	1	H01
.....Acc <u>cu</u> gaagaucgggcuuuu <u>gu</u> .....	1	1	H01
.....acagaagcucgucucua <u>cagg</u> C.....	1	1	H01
.....agaagcucgucucua <u>cagg</u> ua.....	1	0	H01
.....agaagcucgucucua <u>cagg</u> ua <u>c</u> .....	13	0	H01
.....agaagcucgucucua <u>cagg</u> ua <u>cu</u> .....	1	0	H01
.....agaagcucgucucua <u>cagg</u> ua <u>cu</u> U.....	1	1	H01
.....gaagcucgucucua <u>cagg</u> .....	2	0	H01
.....gaagcucgucucua <u>cagg</u> u.....	11	0	H01
.....gaagcucgucucua <u>cagg</u> ua.....	19	0	H01
.....gaagcucgucucua <u>cagg</u> ua <u>u</u> .....	2	0	H01
.....gaagcucgucua <u>cagg</u> ua <u>c</u> .....	1	1	H01
.....gaagcA <u>c</u> gucucua <u>cagg</u> ua <u>c</u> .....	1	1	H01
.....gaagcucgucucua <u>cagg</u> ua <u>c</u> .....	69	0	H01
.....gaagcucgucucua <u>cagg</u> uC <u>u</u> cu.....	1	1	H01
.....gaagcucgucucua <u>cagg</u> ua <u>cu</u> .....	56	0	H01
.....gaagcucgucucua <u>cagg</u> ua <u>cu</u> U.....	1	1	H01
.....ucua <u>cc</u> cu <u>ga</u> aagaucgggcuuuu <u>gu</u> .....	1	0	H43
.....cu <u>ac</u> cccu <u>ga</u> aagaucgggcuuuu.....	1	0	H43
.....cu <u>ac</u> cccu <u>ga</u> aagaucgggcuuuu <u>gu</u> .....	1	0	H43
.....u <u>ac</u> cccu <u>ga</u> aagaucgggcu.....	4	0	H43
.....u <u>ac</u> cccu <u>ga</u> aagaucgggcuu.....	5	0	H43
.....u <u>ac</u> cccu <u>ga</u> aagauGcgggcuuu.....	1	1	H43
.....u <u>ac</u> cccu <u>ga</u> aagaucgggcuuu.....	35	0	H43
.....u <u>ac</u> cccu <u>ga</u> aagaucgggcuC <u>uu</u> .....	1	1	H43
.....u <u>ac</u> cccu <u>ga</u> aagaucgggcuuuu.....	235	0	H43
.....u <u>ac</u> cccu <u>ga</u> aagaucgggcuuA <u>u</u> .....	1	1	H43
.....u <u>ac</u> cccu <u>ga</u> aagaucgggA <u>cu</u> uuu <u>g</u> .....	1	1	H43
.....u <u>ac</u> ccA <u>u</u> gaagaucgggcuuuu <u>g</u> .....	1	1	H43
.....u <u>ac</u> cccu <u>ga</u> aagaucgggU <u>cu</u> uuu <u>g</u> .....	1	1	H43
.....u <u>ac</u> cccu <u>ga</u> aagaucgggcuuG <u>u</u> g.....	1	1	H43
.....u <u>ac</u> cccu <u>ga</u> aagaucgggcuuuuU.....	12	1	H43
.....u <u>ac</u> Ac <u>u</u> gaagaucgggcuuuu <u>g</u> .....	1	1	H43
.....u <u>ac</u> cccu <u>ga</u> aagaucAggcuuuu <u>g</u> .....	1	1	H43
.....u <u>ac</u> cccu <u>ga</u> aagaucgggcuuuu <u>g</u> .....	110	0	H43
.....u <u>ac</u> cccu <u>ga</u> aagaucgggU <u>g</u> cuuuu <u>g</u> .....	1	1	H43
.....u <u>ac</u> cccu <u>ga</u> aagaucgggG <u>u</u> uuu <u>g</u> .....	1	1	H43
.....u <u>ac</u> cccu <u>ga</u> aagauUcgggcuuuu <u>gu</u> .....	1	1	H43
.....uaA <u>cc</u> cu <u>ga</u> aagaucgggcuuuu <u>gu</u> .....	6	1	H43
.....u <u>ac</u> cccu <u>ga</u> aagaucgggG <u>u</u> uuu <u>g</u> .....	4	1	H43
.....u <u>ac</u> cccu <u>ga</u> aagaucgggU <u>g</u> cuuuu <u>gu</u> .....	1	1	H43
.....u <u>ac</u> cccu <u>ga</u> aagaucgggG <u>u</u> uuu <u>gu</u> .....	5	1	H43
.....u <u>ac</u> cccu <u>ga</u> aagaucgggGUuuu <u>gu</u> .....	1	1	H43
.....u <u>ac</u> cccu <u>ga</u> aagaucgggG <u>u</u> uuu <u>gu</u> .....	2	1	H43
.....u <u>ac</u> cccu <u>ga</u> aagaucgggcuuuuU <u>u</u> .....	5	1	H43
.....u <u>ac</u> cccu <u>ga</u> aagaucgggcuuuu <u>gu</u> .....	2291	0	H43
.....u <u>ac</u> cccu <u>ga</u> aagaucgggcuuuuCu.....	1	1	H43
.....u <u>ac</u> cccuG <u>u</u> gaagaucgggcuuuu <u>gu</u> .....	2	1	H43
.....u <u>ac</u> cccuCaagaucgggcuuuu <u>gu</u> .....	1	1	H43
.....u <u>ac</u> ccU <u>u</u> gaagaucgggcuuuu <u>gu</u> .....	3	1	H43
.....u <u>ac</u> cccu <u>ga</u> aagaucgggcuuuuG <u>C</u> .....	2	1	H43
.....u <u>ac</u> cccu <u>ga</u> aagaucUggcuuuu <u>gu</u> .....	1	1	H43

## Mature

## Star

uuuauaggcacaucgugaucuacccugaaagauccgggcuuuuguaguguuguuaucaacagaagcucgucucacagguaucucacggcuggaagagaaacaacugcacaaaug

. . . . .	.uacccugaagauccggCcuuuugu. . . . .	2	1	H43
. . . . .	.uaUccugaagauccgggcuuuugu. . . . .	2	1	H43
. . . . .	.uacccugaagauccgggcuuAugu. . . . .	4	1	H43
. . . . .	.uacccugaagauccAggcuuuugu. . . . .	1	1	H43
. . . . .	.uacAcugaagauccgggcuuuugu. . . . .	1	1	H43
. . . . .	.uacccugaaUaucgggcuuuugu. . . . .	1	1	H43
. . . . .	.uacccuUaagauccgggcuuuugu. . . . .	1	1	H43
. . . . .	.uacccugaagauccgggcuuuugG. . . . .	1	1	H43
. . . . .	.uacccugaagauccgAgcuuuugu. . . . .	1	1	H43
. . . . .	.uaccAugaagauccgggcuuuugu. . . . .	2	1	H43
. . . . .	.uacccugaagauccggAgcuuuugu. . . . .	3	1	H43
. . . . .	.uacccugCagauccgggcuuuugu. . . . .	1	1	H43
. . . . .	.uacccugaagauccUgggcuuuugu. . . . .	1	1	H43
. . . . .	.uaGccugaagauccgggcuuuugu. . . . .	5	1	H43
. . . . .	.uacccCGaaagauccgggcuuuugu. . . . .	1	1	H43
. . . . .	.uacccugaagauccgggcuuuuAu. . . . .	2	1	H43
. . . . .	.uacccugaagauccgggAuuuugu. . . . .	1	1	H43
. . . . .	.uacccugaagauccgggcuuuugA. . . . .	55	1	H43
. . . . .	.uaccGugaagauccgggcuuuugu. . . . .	4	1	H43
. . . . .	.uacccugaagauccgggcuuuuguU. . . . .	23	1	H43
. . . . .	.uacccugaagauccgggcuuuuAu. . . . .	1	1	H43
. . . . .	.uacccugaagauccgggcuuAugua. . . . .	1	1	H43
. . . . .	.uacccugaagauccgggcuuuugua. . . . .	95	0	H43
. . . . .	.uacccugaagauccgggcuuuugAa. . . . .	5	1	H43
. . . . .	.uacccugaagauccgggcuuuuguaA. . . . .	43	1	H43
. . . . .	.uacccugaagauccgggcuuuuguaU. . . . .	19	1	H43
. . . . .	.uacccugaagauccgggcuuuuguaAu. . . . .	2	1	H43
. . . . .	.uacccugaagauccgggcuuuuguaUu. . . . .	1	1	H43
. . . . .	.uacccugaagauccgggcuuuuguaguguu. . . . .	1	0	H43
. . . . .	.accugaagauccgggcu. . . . .	2	0	H43
. . . . .	.accugaagauccgggcuu. . . . .	1	0	H43
. . . . .	.accugaagauccgggcuuu. . . . .	2	0	H43
. . . . .	.accugaagauccgggcuuuu. . . . .	23	0	H43
. . . . .	.accugaagauccgAgcuuuu. . . . .	1	1	H43
. . . . .	.accugaagauccgggcuuuug. . . . .	52	0	H43
. . . . .	.accugaagauccgggcuuuuUu. . . . .	3	1	H43
. . . . .	.accugaagauccgggcuuuuAu. . . . .	1	1	H43
. . . . .	.accugaagauccAgggcuuuugu. . . . .	1	1	H43
. . . . .	.accugaagauccgggcuuuugC. . . . .	1	1	H43
. . . . .	.accugaagauccgggGuuuugu. . . . .	1	1	H43
. . . . .	.accugaagauccgggcuuuAugu. . . . .	2	1	H43
. . . . .	.accugaagauccgggcuCuugu. . . . .	1	1	H43
. . . . .	.acUcugaagauccgggcuuuugu. . . . .	1	1	H43
. . . . .	.acGcugaagauccgggcuuuugu. . . . .	2	1	H43
. . . . .	.accugaagauccgggcuuuugu. . . . .	806	0	H43
. . . . .	.accugaagauccgggcuuuGgu. . . . .	1	1	H43
. . . . .	.accugaagauccgggcuAuugu. . . . .	2	1	H43
. . . . .	.accugaagauccgggAuuuugu. . . . .	1	1	H43
. . . . .	.accugaCgaucgggcuuuugu. . . . .	1	1	H43
. . . . .	.accCGaagauccgggcuuuugu. . . . .	1	1	H43
. . . . .	.acAcugaagauccgggcuuuugu. . . . .	2	1	H43
. . . . .	.accugaGgaucgggcuuuugu. . . . .	2	1	H43
. . . . .	.accugaagauccgggUuuugu. . . . .	1	1	H43
. . . . .	.accugaagauccgggcuuCuugu. . . . .	1	1	H43
. . . . .	.accugaagauccgCgcuuugu. . . . .	1	1	H43
. . . . .	.accugaagauccgggcuuuugA. . . . .	10	1	H43
. . . . .	.accCGaagauccgggcuuuugu. . . . .	2	1	H43
. . . . .	.accugaaUaucgggcuuuugua. . . . .	1	1	H43
. . . . .	.accugaagauccgggcuuuuguU. . . . .	11	1	H43
. . . . .	.accugaagauccgggcuuuuguG. . . . .	1	1	H43
. . . . .	.accugaagauccgUgcuuuguua. . . . .	1	1	H43
. . . . .	.accugaagauccgggcuuuugua. . . . .	45	0	H43
. . . . .	.accugaagauccgggcuuuuguaU. . . . .	15	1	H43
. . . . .	.accugaagauccgggcuuuuguaA. . . . .	12	1	H43
. . . . .	.accugaagauccgggcuuuuguaUu. . . . .	2	1	H43
. . . . .	.accugaagauccgggcuuuuguaAu. . . . .	1	1	H43
. . . . .	.cccugaagauccgggcuuuugu. . . . .	1	0	H43
. . . . .	.cccugaagauccgggcuuuuguaA. . . . .	1	1	H43
. . . . .	.ccugaagauccgggcuuuugu. . . . .	1	0	H43
. . . . .	.ugaagauccgggcuuuugu. . . . .	1	0	H43

## Mature

## Star

uuuauaggcacaucgugauc <u>uacccugaagauccgggcuuuugu</u> aguguuguuaucaacagaagcucgucucua <u>cagguauc</u> ucacggcuggaagagaaacaacugcacaaaug			
.....agaagcucgucucua <u>caggu</u> .....	1	0	H43
.....agaagcucgucucua <u>cagguauc</u> .....	24	0	H43
.....agaagcucgucucua <u>cagguaucu</u> .....	4	0	H43
.....gaagcucgucucua <u>caggu</u> .....	15	0	H43
.....gaagcucgucucua <u>caggua</u> .....	37	0	H43
.....gaagcucgucucua <u>Aggua</u> .....	1	1	H43
.....gaagcucgucucua <u>cagguau</u> .....	22	0	H43
.....gaagcucgucucua <u>cagguauc</u> .....	192	0	H43
.....gaagAucgucucua <u>cagguauc</u> .....	2	1	H43
.....gaagcucgucucua <u>caggGauc</u> .....	1	1	H43
.....gaUgcgucucucua <u>cagguauc</u> .....	1	1	H43
.....gaagcucgucucua <u>cagguaucu</u> .....	62	0	H43
.....gaagcucguAucua <u>cagguaucu</u> .....	1	1	H43
.....gaagcucgucucua <u>cagCuauuc</u> .....	1	1	H43
.....gaagcucgucucua <u>cagguaucuU</u> .....	3	1	H43
.....uacccugaagauccgggcuuu.....	3	0	A43
.....uacccugaagauccgggcuuu.....	10	0	A43
.....uacccugaagauccgggcuuuU.....	1	1	A43
.....uacccugaagauccgggcuuuug.....	2	0	A43
.....uacccugaagauccgggcuuuugA.....	10	1	A43
.....uacccugaagauUcgggcuuuugu.....	1	1	A43
.....uacccugaagauccgggcuCuugu.....	1	1	A43
.....uacccugaagauccgggcuuuugu.....	58	0	A43
.....uacccugaagauccgggcuuuugAa.....	3	1	A43
.....uacccugaagauccgUgcuuuuugua.....	1	1	A43
.....uacccugaagauccgggcuuuuguU.....	2	1	A43
.....accugaagauccgggcuuuug.....	1	0	A43
.....accugaagauccgggcuuuugu.....	21	0	A43
.....accugaagauccgggcuuuugA.....	3	1	A43
.....accugaagauccgggcuuuugua.....	1	0	A43
.....accugaagauccgggcuuuugAa.....	1	1	A43
.....agaagcucgucucua <u>cagguauc</u> .....	1	0	A43
.....gaagcucgucucua <u>cagguauc</u> .....	3	0	A43
.....uacccugaagauccgggcuuu.....	3	0	B03
.....uacccugaagauccgggcuuu.....	4	0	B03
.....uacccugaagauccgggcuuuug.....	6	0	B03
.....uacccugaagauccgggAuuuuugu.....	1	1	B03
.....uacccugaagauccgggcuuuugA.....	3	1	B03
.....uacccugaagauccggCuuuuugu.....	1	1	B03
.....uacccugaagauccgggcuuuugu.....	96	0	B03
.....uacccugaagauccgggcuuuuguU.....	1	1	B03
.....accugaagauccgggcuuuug.....	1	0	B03
.....accugaagauccgggcuuuugu.....	28	0	B03
.....accugaagauccgggcuuuugua.....	1	0	B03
.....accugaagauccgggcuuuuguU.....	2	1	B03
.....gaagcucgucucua <u>cagguauc</u> .....	1	0	B03
.....gaagcucgucucua <u>cagguaucu</u> .....	1	0	B03
.....uacccugaagauccgggcuuu.....	1	0	A54
.....uacccugaagauccgggcuuu.....	4	0	A54
.....uacccugaagauccgggcuuuug.....	3	0	A54
.....uacccugaagauccgggcuuuugu.....	22	0	A54
.....uacccugaagauccgggcuuuugua.....	2	0	A54
.....uacccugaagauccgggcuuuuguaA.....	1	1	A54
.....accugaagauccgggcuuuug.....	2	0	A54
.....accugaagauccgggcuuuugu.....	8	0	A54
.....accugaagauccgggcuuuugua.....	2	0	A54
.....gaagcucgucucua <u>caggu</u> .....	1	0	A54
.....gaagcucgucucua <u>cagguauc</u> .....	2	0	A54
.....ucuacccugaagauccgggcuuu.....	1	0	H23
.....cuacccugaagauccgggcu.....	1	0	H23
.....cuacccugaagauccgggcuuuug.....	2	0	H23
.....cuacccugaagauccgggcuuuugu.....	4	0	H23
.....uacccugaagauccgggc.....	2	0	H23
.....uaGccugaagauccgggcu.....	1	1	H23
.....uacccugaagauccgggcu.....	4	0	H23
.....uacccugaagauccgggcuu.....	5	0	H23

## Mature

## Star

uuuauaggcacaucgcgugauc <u>uacccugaagauccggggcuuuu</u> guaguguuguuaucaacagaagcucgucucucacagguaucucacggcguggaagagaaacaacugcacaaaug			
.....uacccugaagauccggggcuuu.....	20	0	H23
.....uacccugaagauccggggcuuAu.....	2	1	H23
.....uaccAugaagauccggggcuuu.....	1	1	H23
.....uacccugaagauccggggcuuuu.....	175	0	H23
.....uacccugaagauccgAgcuuuu.....	1	1	H23
.....uacccugaagauccggggcGuu.....	1	1	H23
.....uacccugaagauccggggcuuCu.....	1	1	H23
.....uaccGuagaagauccggggcuuuug.....	1	1	H23
.....uacccugaagauccggggcuuuug.....	135	0	H23
.....uacccugaagauccUggcuuuug.....	1	1	H23
.....uacccugaagauccggggcuuuuU.....	9	1	H23
.....uacccugaagauccggggcuuuuA.....	1	1	H23
.....uacccugaagauccUggcuuuugu.....	2	1	H23
.....uacccugaagauccggggcuuuuCgu.....	1	1	H23
.....uUcccuagaagauccggggcuuuugu.....	1	1	H23
.....uacccugaagauccggggcCuugu.....	2	1	H23
.....uaccAugaagauccggggcuuuugu.....	6	1	H23
.....uacccugaagauccggggcGuugu.....	4	1	H23
.....uacccugaagauccggUcuuuugu.....	2	1	H23
.....uaUccugaagauccggggcuuuugu.....	4	1	H23
.....uacccugaagauccgUgcuuugu.....	2	1	H23
.....uacccugaagGuccggggcuuuugu.....	1	1	H23
.....uacccugaagauccgggAuuuugu.....	1	1	H23
.....uaAccugaagauccggggcuuuugu.....	8	1	H23
.....uGcccuagaagauccggggcuuuugu.....	1	1	H23
.....uacccugaagauccAgggcuuuugu.....	1	1	H23
.....uacccugaCgaucggggcuuuugu.....	1	1	H23
.....uacccugaagauccggggcuuuuCu.....	1	1	H23
.....uacccugaagauccggggcuuAugu.....	2	1	H23
.....uacccugaagauccggggcuuCgu.....	3	1	H23
.....uCcccuagaagauccggggcuuuugu.....	1	1	H23
.....uacccugaagauccggCcuuuugu.....	3	1	H23
.....uacccugaagauccggggcuCuugu.....	1	1	H23
.....uaGccugaagauccggggcuuuugu.....	5	1	H23
.....uacccugaagauccggggcuuuugu.....	3541	0	H23
.....uacccugaagauccggggcAuugu.....	5	1	H23
.....uacccugaagauccAggcuuugu.....	2	1	H23
.....uacccugaagauUcggggcuuuugu.....	2	1	H23
.....uacccugaagauccggggcuuuuAu.....	1	1	H23
.....uacccugaagauccggggcuuuuAgu.....	1	1	H23
.....uaccGuagaagauccggggcuuuugu.....	4	1	H23
.....uacccugaagauccUggggcuuuugu.....	1	1	H23
.....uacccugaagauccggggcuuuugA.....	31	1	H23
.....uacccugaagauccggggcuuuuUu.....	7	1	H23
.....uacccugaagauccCggcuuuugu.....	2	1	H23
.....uacccugaagauccggggcuuGugu.....	2	1	H23
.....uacccugaagauccgggUuuugu.....	2	1	H23
.....uacUcugaagauccggggcuuuugu.....	1	1	H23
.....uacccugaagauAcggggcuuuugu.....	1	1	H23
.....uacccugaagauccggggcuuuugG.....	4	1	H23
.....uacccugaagauccgggAcuuugu.....	2	1	H23
.....uacccugaagauccggggcuuuugC.....	2	1	H23
.....uacccCgaagauccggggcuuuugu.....	1	1	H23
.....uacccugaagauccggggcuuuugG.....	1	1	H23
.....uacccugaagauccggggcuuuugua.....	54	0	H23
.....uacccugaagauccggggcuuuuguU.....	37	1	H23
.....uacccugaagauccggggcuuuugAa.....	4	1	H23
.....uacccugaagauccggggcuuuuguaA.....	20	1	H23
.....uacccugaagauccggggcuuuuguaag.....	1	0	H23
.....uacccugaagauccggggcuuuugAag.....	1	1	H23
.....uacccugaagauccggggcuuuuguaU.....	5	1	H23
.....uacccugaagauccggggcuuuuguaUu.....	1	1	H23
.....acccuagaagauccggggcu.....	1	0	H23
.....acccuagaagauccggggcuuu.....	5	0	H23
.....acccuagaagauccggggcuuuu.....	16	0	H23
.....acccuagaagauccggggcuuuuU.....	1	1	H23
.....acccuagaagauccUggggcuuuug.....	1	1	H23
.....acccuagaagauccggggcuuuug.....	62	0	H23
.....acccuagaagauccggggcuCuugu.....	2	1	H23
.....acccuagaagauccggggcuuUcgu.....	1	1	H23

## Mature

## Star

uuuauaggcacaucggauc <u>uacccugaagauccgggcuuuugu</u> aguguuguuaucaaca <u>gaagcucgucucua</u> cagguauc <u>ucacggcugga</u> agagaacaacugcacaaaug			
.....accugaUgaucgggcuuuugu.....	2	1	H23
.....accugaGgaucgggcuuuugu.....	1	1	H23
.....accugaaagauccgggcuuuugu.....	1254	0	H23
.....acGcugaagauccgggcuuuugu.....	3	1	H23
.....acAcugaagauccgggcuuuugu.....	4	1	H23
.....accugaaagauccgggcuuuuGA.....	6	1	H23
.....accugaagauccgAgcuuuugu.....	1	1	H23
.....accugaagauccgUgcuuugu.....	2	1	H23
.....acccGgaagauccgggcuuuugu.....	1	1	H23
.....aUccugaagauccgggcuuuugu.....	1	1	H23
.....accugaagauccgggcuAuugu.....	2	1	H23
.....accuAaagauccgggcuuuugu.....	1	1	H23
.....accugaagauccgggcuuuuugG.....	1	1	H23
.....acccAgaagauccgggcuuuugu.....	2	1	H23
.....accugaagauccgggcuGuugu.....	3	1	H23
.....accugaagauccgggGuuuugu.....	1	1	H23
.....accugaagauccgggcuuuugAa.....	1	1	H23
.....accugaagauccgggcuuuuguU.....	19	1	H23
.....acAcugaagauccgggcuuuugua.....	1	1	H23
.....accugaagauccgggcuuuugua.....	11	0	H23
.....accugaagauccgggcuuuuguaU.....	6	1	H23
.....accugaagauccgggcuuuuguaA.....	3	1	H23
.....accugaagauccgggcuuuuguaAu.....	1	1	H23
.....accugaagauccgggcuuuuguaguguuguuaucaaca.....	4	0	H23
.....ccugaagauccgggcuuuugu.....	1	0	H23
.....cugaagauccgggcuuuugu.....	1	0	H23
.....agaagcucgucucua <u>cagg</u> u.....	1	0	H23
.....agaagcucgucucua <u>cagg</u> ua.....	2	0	H23
.....agaagcucgucucua <u>cagg</u> uauc.....	26	0	H23
.....agaagcucgucucua <u>cagg</u> uauc.....	1	0	H23
.....gaagcucgucucua <u>cagg</u> .....	1	0	H23
.....gaagcucgucucua <u>cagg</u> u.....	8	0	H23
.....gaagAucgucucua <u>cagg</u> ua.....	1	1	H23
.....gaagcucgucucua <u>cagg</u> ua.....	28	0	H23
.....gaagcucgucucua <u>cagg</u> ua.....	14	0	H23
.....gaagcucgucucua <u>cagg</u> uaGc.....	1	1	H23
.....gaagcucgucucua <u>cagg</u> uauc.....	224	0	H23
.....gaUgcucgucucua <u>cagg</u> uauc.....	1	1	H23
.....gaaUcucgucucua <u>cagg</u> uauc.....	1	1	H23
.....gaGgcucgucucua <u>cagg</u> uauc.....	1	1	H23
.....gaagAucgucucua <u>cagg</u> uauc.....	1	1	H23
.....gaagcucgucucua <u>cagg</u> uaucG.....	1	1	H23
.....gaagcucgucucua <u>cagg</u> uauc.....	82	0	H23
.....gaagcucgucucua <u>cagg</u> uaucuc.....	1	0	H23
.....gaagcucgucucua <u>cagg</u> uaucU.....	1	1	H23
.....aucuacccugaagauccgggcuuu.....	1	0	H03
.....ucuaacccugaagauccgggcuuuugu.....	3	0	H03
.....cuacccAgaagauccgggcu.....	1	1	H03
.....cuacccugaagauccgggcuuu.....	1	0	H03
.....cuacccugaagauccgggcuuuug.....	3	0	H03
.....cuacccugaagauccgggcuuuU.....	1	1	H03
.....cuacccugaagauccgggcuuuugu.....	9	0	H03
.....cuacccugaagauccgggcuuuuguU.....	1	1	H03
.....uacccugaagauccgggc.....	1	0	H03
.....uacccugaagauccgggcu.....	2	0	H03
.....uacccugaagauccgggcu.....	2	0	H03
.....uacccugaagauccgggcuuu.....	22	0	H03
.....uacccugaagauccgggcuuG.....	1	1	H03
.....uacccugaagauccgggcuuu.....	109	0	H03
.....uacccugaagauccgggcAuuu.....	1	1	H03
.....uacccugaagauccgggAcuuuu.....	1	1	H03
.....uacccugaagauccggCcuuuug.....	1	1	H03
.....uacGcugaagauccgggcuuuug.....	1	1	H03
.....uacccugaagauccgggcuuuU.....	3	1	H03
.....uacccugaagauccgggcuuuCg.....	1	1	H03
.....uaAccugaagauccgggcuuuug.....	1	1	H03
.....uacccugaagauccgggcuuuuA.....	1	1	H03
.....uacccugaagauccgUgcuuuug.....	1	1	H03
.....uacccugaagauccgggcuuuug.....	146	0	H03

## Mature

## Star

uuuauaggcacaucgcgugaucuacccugaaagauccgggcuuuuuguaguguuguuuaucaacagaagcucgucucucacagguaucucacggcuggaagagaaacaacugcacaaaug

.....uacccugaagauccgggUcuuuug.....	1	1	H03
.....uacccugaagauccgggcUuuugu.....	1	1	H03
.....uacccugaagauccgggcGuuuugu.....	7	1	H03
.....uacccugaagauUcgggcuuuuugu.....	1	1	H03
.....uaUccugaagauccgggcuuuuugu.....	2	1	H03
.....uacccugaaUauccgggcuuuuugu.....	2	1	H03
.....uacccugaagauccgggcuuGugu.....	1	1	H03
.....Aacccugaagauccgggcuuuuugu.....	2	1	H03
.....uacccugaagauccAggcuuuuugu.....	1	1	H03
.....uacccugaagaAaccgggcuuuuugu.....	1	1	H03
.....uacccugaagauccgggcuuuuugu.....	2711	0	H03
.....uacccugaagauccgggCcuuuugu.....	5	1	H03
.....uacccugaagauccgggcGuugu.....	1	1	H03
.....uaccAugaagauccgggcuuuuugu.....	2	1	H03
.....uaccUugaagauccgggcuuuuugu.....	2	1	H03
.....uacccugaagauccgggcuuuugA.....	11	1	H03
.....uacccuCaagauccgggcuuuuugu.....	1	1	H03
.....uacccCGaagauccgggcuuuuugu.....	1	1	H03
.....uacccugaagauccgggcuuuuuG.....	1	1	H03
.....uacccugaGgauccgggcuuuuugu.....	1	1	H03
.....uacccugaagauccUggcuuuugu.....	3	1	H03
.....uacccugaagauccgggUuuuuugu.....	2	1	H03
.....uacccugaagauccgggcuuAugu.....	1	1	H03
.....uacccCGaagauccgggcuuuuugu.....	1	1	H03
.....uacccugaagauccgggAcuuuuugu.....	14	1	H03
.....uaAccugaagauccgggcuuuuugu.....	3	1	H03
.....uacccAgaagauccgggcuuuuugu.....	2	1	H03
.....uacccugaagauccgggcUuuugu.....	1	1	H03
.....uacccugaagauccUgggcuuuuugu.....	1	1	H03
.....uacccugaagauccgggUuuuuugu.....	1	1	H03
.....uacccugaagauccgggcuuuAgu.....	2	1	H03
.....uacccugaagauccgCgcuuuuugu.....	1	1	H03
.....uacccugaagauccggUcuuuugu.....	8	1	H03
.....uacccugaagauccgggcuuCugu.....	2	1	H03
.....uacccugaagauccgggcuuuuUu.....	5	1	H03
.....uacccugaagauccAgcuuuuguua.....	1	1	H03
.....uacccugaagauccgggcuuuuCua.....	1	1	H03
.....uacccugaagauccgggcuuuuugAa.....	1	1	H03
.....uacccugaagauccgggcuuuuuguG.....	1	1	H03
.....uacccugaagauccgggcuuuuuguua.....	20	0	H03
.....uacccugaagauccgggcuuuuuguU.....	25	1	H03
.....uacccugaagauccgggcuuuuuguuA.....	9	1	H03
.....uacccugaagauccgggcuuuuuguuA.....	5	1	H03
.....uacccugaagauccgggcuuuuuguuAa.....	1	1	H03
.....uacccugaagauccgggcuuuuuguagug.....	2	0	H03
.....accugaagauccgggcuuu.....	3	0	H03
.....accugaagauccgggcuuuu.....	12	0	H03
.....accugaagauccgggcuuuug.....	32	0	H03
.....accugaagauccgggcuuuuU.....	1	1	H03
.....accugaagauccgggUuuuuugu.....	5	1	H03
.....acGcuagaagauccgggcuuuuugu.....	3	1	H03
.....accugaagauccUggcuuuugu.....	2	1	H03
.....accugaUgauccgggcuuuuugu.....	1	1	H03
.....acAcugaagauccgggcuuuuugu.....	3	1	H03
.....accugaagauccgggGuuuugu.....	4	1	H03
.....accugaagauccgggcuuuuCu.....	1	1	H03
.....accugaagauccgggUuuuuugu.....	2	1	H03
.....accugaagauccgggcuuGugu.....	2	1	H03
.....accAugaagauccgggcuuuuugu.....	2	1	H03
.....accugaagauccAgggcuuuugu.....	1	1	H03
.....accCGaagauccgggcuuuuugu.....	1	1	H03
.....accugaagauccgggcuuuuugA.....	1	1	H03
.....accugaagauccgggcuuuuugu.....	829	0	H03
.....accuUaagaucgggcuuuuugu.....	1	1	H03
.....accugaagauccgggcuuuuUu.....	1	1	H03
.....accugaagauccgggcuuuugA.....	2	1	H03
.....accugaagauccgggcuuuuugua.....	7	0	H03
.....accugaagauccgggcuuuuugAa.....	1	1	H03
.....accugaagauccgggcuuuuuguU.....	5	1	H03
.....accugaagauccgggcuuuuuguaA.....	1	1	H03

## Mature

## Star

uuuauaggcacaucggauc <u>uacccugaagauccgggcuuuugu</u> aguguuguuaucaacagaagcucgucucuaacagguaucucacggcuggaagagaaacaacugcacaaaug			
.....accugaagauccgggcuuuuguaU.....	1	1	H03
.....ccugaagauccgggcuuuu.....	1	0	H03
.....ccugaagauccgggcuuuugu.....	1	0	H03
.....ccugaagauccgggcuuuugu.....	1	0	H03
.....agaagcucgucucuaacaggu.....	1	0	H03
.....agaagcucgucucuaacagguau.....	1	0	H03
.....agaagcucgucucuaacagguauc.....	25	0	H03
.....agaagcucgucucuaacagAuauc.....	1	1	H03
.....gaagcucgucucuaacagg.....	1	0	H03
.....gaagcucgucucuaacaggu.....	7	0	H03
.....gaagcucgucucuaacaggua.....	27	0	H03
.....gaagcucgucucuaacagguau.....	5	0	H03
.....gaagcucgucucuaacagguauc.....	72	0	H03
.....gaagcucgucucuaacAguauc.....	1	1	H03
.....gaagcucgucucuaacaggGauc.....	1	1	H03
.....gaagcucgucucuaacAguaucu.....	1	1	H03
.....gaagcucgucucuaacagguauA.....	1	1	H03
.....gaagcucgucucuaacagguauG.....	2	1	H03
.....gaagcucgucucuaacagguauAcu.....	1	1	H03
.....gaagcucgucucuaacagUuauc.....	1	1	H03
.....gaagcucgucucuaacagguauc.....	84	0	H03
.....gaagcucguAucuaacagguaucu.....	1	1	H03
.....gaagcucgucucuaacagguaucuU.....	2	1	H03
.....uacccugaagauccgggcuuu.....	2	0	A12
.....uacccugaagauccgggcuuuu.....	3	0	A12
.....uacccugaagauccgggcuuuug.....	1	0	A12
.....uacccugaagauccgggcuuuugG.....	1	1	A12
.....uacccugaagauccgggcuuuugu.....	59	0	A12
.....uacccugaagauccgggcuuuugua.....	1	0	A12
.....accugaagauccgggcuuAug.....	1	1	A12
.....acGcuagaagauccgggcuuuugu.....	1	1	A12
.....accugaagauccgggcuuuugu.....	15	0	A12
.....accugaagauccgggcuCuugu.....	1	1	A12
.....accugaagauccgggcuuuuguU.....	1	1	A12
.....uacccugaagauccgggcu.....	1	0	A63
.....uacccugaagauccgggcuu.....	1	0	A63
.....uacccugaagauccgggcuuuu.....	4	0	A63
.....uacccugaagauccgggcuuuug.....	2	0	A63
.....uacccugaagauccgggcuuuugu.....	62	0	A63
.....uacccugaagauccggUcuuuugu.....	1	1	A63
.....uaGccugaagauccgggcuuuugu.....	1	1	A63
.....uacccugaagauccgggcuuuugA.....	1	1	A63
.....uacccugaagauccgggcuuuugua.....	2	0	A63
.....uacccugaagauccgggcuuuuguaU.....	2	1	A63
.....uacccugaagauccgggcuuuuguaguguuguuau.....	1	0	A63
.....accugaagauccgggcuuuug.....	3	0	A63
.....accugaagauccgggcuuuugG.....	1	1	A63
.....accugaagauccgggcuuuugu.....	18	0	A63
.....accugaagauccgggcuuuuguU.....	1	1	A63
.....accugaagauccgggcuuuugAa.....	1	1	A63
.....agaagcucgucucuaacagguauc.....	2	0	A63
.....gaagcucgucucuaacagguau.....	1	0	A63
.....gaagcucgucucuaacagguauc.....	2	0	A63
.....ucuacccugaagauccgggcuuuugu.....	2	0	H14
.....cuacccugaagauccgggcuuuug.....	3	0	H14
.....cuacccuCaagaucgggcuuuugu.....	1	1	H14
.....cuacccugaagauccgggcuuuugu.....	10	0	H14
.....uacccugaagauccgggcu.....	3	0	H14
.....uacccugaagauccgggcuu.....	4	0	H14
.....uacccugaagauccgggcuuu.....	19	0	H14
.....uacccugaagauccggAcuuuu.....	1	1	H14
.....uacccugaagauccgggcuuuu.....	129	0	H14
.....uacccugaagauccgggGuuug.....	1	1	H14
.....uacccugaagauccCggcuuuug.....	1	1	H14
.....uacccugaagauccgggcuuuU.....	5	1	H14
.....uacccugaagauccgggcuuuug.....	105	0	H14
.....uacccugaagauccGgcuuuug.....	1	1	H14



Star

uuuauuggcacaucccgugaucuaccucugaagacccggcuuuuuuguaguguuuuaucaacagaagcucgucucucacagguaucucacggcuggaagagaacaacugcacaaaug			
.....uaccucugaagacccggggcuuuuuAu.....	2	1	H14
.....uaccucugaagaucUggggcuuuugu.....	1	1	H14
.....uaccucugaagacccggggcuCuugu.....	1	1	H14
.....uaccucugaagacccggggcuuuugu.....	5	1	H14
.....uaccucugaagacccggggcAuugu.....	2	1	H14
.....uaccucugaagacccggggAuuuugu.....	2	1	H14
.....uaccucugaagacccggggcuuuugu.....	3118	0	H14
.....uaccucugaGgaucccggggcuuuugu.....	1	1	H14
.....uaccucugaagacccggggcuCuugu.....	2	1	H14
.....uaccucugaagacccgggUcuuuugu.....	4	1	H14
.....uaUccugaagacccggggcuuuugu.....	3	1	H14
.....uaccucugaagaAccggggcuuuugu.....	1	1	H14
.....uaccGugaagacccggggcuuuugu.....	3	1	H14
.....uaccucugaagacccggggcuAuugu.....	4	1	H14
.....uaccucugaagauAccggggcuuuugu.....	1	1	H14
.....uaGccugaagacccggggcuuuugu.....	3	1	H14
.....uaccucugaagacccggggcuuuugG.....	1	1	H14
.....uaccucugaagacccggggcuuuuUu.....	6	1	H14
.....uaccucugaagacccgggUcuuuugu.....	2	1	H14
.....uaccucugGagacccggggcuuuugu.....	1	1	H14
.....uGccucugaagacccggggcuuuugu.....	1	1	H14
.....uaAccugaagacccggggcuuuugu.....	6	1	H14
.....uaccucugaagacccgAgcuuuugu.....	1	1	H14
.....uaccucugaagacccgggAccuuugu.....	2	1	H14
.....uaccucugaagacccAgggcuuuugu.....	3	1	H14
.....uaccucugaagacccggggcuuuugu.....	4	1	H14
.....uacAccugaagacccggggcuuuugu.....	1	1	H14
.....uaccucugaagacccggggcuuuugA.....	15	1	H14
.....uaccAugaagacccggggcuuuugu.....	6	1	H14
.....uaccucugaagauUcggggcuuuugu.....	1	1	H14
.....uaccucugaagacccggggcuuUcu.....	1	1	H14
.....uaccucugaagacccggggcuuuugC.....	1	1	H14
.....uaccucugaagacccgggUuuuuugu.....	3	1	H14
.....uaccucugaagacccggggcuUgu.....	1	1	H14
.....uaccucugaagacccUggcuuuugu.....	1	1	H14
.....uaccUugaagacccggggcuuuugu.....	5	1	H14
.....uaccucugaagacccggcCuuuugu.....	2	1	H14
.....uacGcuugaagacccggggcuuuugu.....	1	1	H14
.....Caccucugaagacccggggcuuuugu.....	1	1	H14
.....uaccucugaagacccggggcuuuugua.....	37	0	H14
.....uaccucugaagacccggggcuuuuguG.....	1	1	H14
.....uaccucugaagacccggggcuuuuguU.....	34	1	H14
.....uaccucugaagacccggggcuuuuguuaA.....	5	1	H14
.....uaccucugaagacccggggcuuuuguuaU.....	8	1	H14
.....uaccucugaagacccggggcuuuuguuaAu.....	2	1	H14
.....accucugaagacccgggcu.....	1	0	H14
.....accucugaagacccgggcA.....	1	1	H14
.....accucugaagacccggggcuuuu.....	6	0	H14
.....accucugaagacccggggcuuuug.....	46	0	H14
.....accucugaGgaucccggggcuuuugu.....	2	1	H14
.....accucugGagacccggggcuuuugu.....	1	1	H14
.....accucugaagacccgggUcuuuugu.....	1	1	H14
.....acUcugaagacccggggcuuuugu.....	1	1	H14
.....accucugaagacccggggcuCuugu.....	1	1	H14
.....accucugaagacccggggcuuuugC.....	1	1	H14
.....accucugaagacccggggcuuUgu.....	1	1	H14
.....accucugaagaucUggggcuuuugu.....	1	1	H14
.....acGcuugaagacccggggcuuuugu.....	3	1	H14
.....accucugaagacccgggAuuuugu.....	2	1	H14
.....accucugaagacccggggcuGuugu.....	1	1	H14
.....accucugaagacccgggUuuuuugu.....	2	1	H14
.....accucugaagacccgggcuAuugu.....	2	1	H14
.....accucugaagaccgAgcuuuugu.....	2	1	H14
.....accucugaagacccggggcuuuugA.....	5	1	H14
.....accucugaagacccggggcuuuuAg.....	1	1	H14
.....accucugaagaccAgggcuuuugu.....	2	1	H14
.....accAgaagacccggggcuuuugu.....	1	1	H14
.....acAccugaagacccggggcuuuugu.....	4	1	H14
.....accucugaagacccggggcuuuugu.....	1034	0	H14
.....accCCgaagacccggggcuuuugu.....	3	1	H14

## Mature

## Star

uuuauaggcacaucgugaucuacccugaagauccgggcuuuuguaguguuguuaucaacagaagcucgucucuacagguaucucacggcuggaagagaaacaacugcacaaaug

.....accugaagauccgggcuuuuguU.....	5	1	H14
.....accugaagauccgggcuuuugua.....	11	0	H14
.....accugaagauccgggcuuuugAa.....	1	1	H14
.....accugaagauccgggcuuuuguU.....	1	1	H14
.....accugaagauccgggcuuuuguagu.....	1	0	H14
.....ccugaagauccgggcuuuugu.....	1	0	H14
.....cugaagauccgggcuuuugua.....	1	0	H14
.....acagaagcucgucucuacaggu.....	1	0	H14
.....agaagcucgucucuacagguua.....	1	0	H14
.....agaagcucgucucuacagguau.....	2	0	H14
.....agaagcucgucucuacagguauc.....	28	0	H14
.....agaagcucgucucuacagguaucu.....	2	0	H14
.....gaagcucgucucuacaggu.....	9	0	H14
.....gaagcucgucucuacaggC.....	1	1	H14
.....gaagcucgucucuacagguU.....	1	1	H14
.....gaagcucgucucuacaggCa.....	1	1	H14
.....gaagcucgucucuacagguua.....	32	0	H14
.....gaagcucgucucuacagguuAG.....	1	1	H14
.....gaagcucgucucuacagguau.....	7	0	H14
.....gaagcucgucucAcagguau.....	1	1	H14
.....gaagcucgucucuacagguauc.....	105	0	H14
.....gaGgcucgucucuacagguauc.....	1	1	H14
.....gaagAucgucucuacagguauc.....	1	1	H14
.....gaagcucgucucuacagguuACcu.....	1	1	H14
.....gaagcucgucucuacagguaucu.....	70	0	H14
.....gaagcucgucucuacagguuacA.....	1	1	H14
.....gaagcucgucucuacagguaucuU.....	2	1	H14
.....uacccugaagauccgggcuu.....	1	0	T72
.....uacccugaagauccgggcuuu.....	1	0	T72
.....uacccugaagauccgggcuuuu.....	4	0	T72
.....uacccugaagauccgggcuuuug.....	1	1	T72
.....uacccugaagauccgggcuuuug.....	2	0	T72
.....uacccugaagauccgggcuuuugu.....	70	0	T72
.....uacccugaagauccgggcuuuugu.....	1	1	T72
.....uacccugaagauccgggcuuuugu.....	1	1	T72
.....uacccugaagauccgggcuuuugA.....	2	1	T72
.....uacccugaagauccgggcuuuugua.....	3	0	T72
.....accugaagauccgggcuuuug.....	1	0	T72
.....accugaagauccgggcuuuugu.....	25	0	T72
.....aUccugaagauccgggcuuuugu.....	1	1	T72
.....accugaagauccgggcuuuugua.....	1	0	T72
.....ccugaagauccgggcuuuugu.....	1	0	T72
.....gaagauccgggcuuuugu.....	1	0	T72
.....agaagcucgucucuacagguauc.....	1	0	T72
.....gaagcucgucucuacagguua.....	3	0	T72
.....gaagcucgucucuacagguau.....	1	0	T72
.....gaagcucgucucuacagguaucu.....	2	0	T72
.....aucuacccugaagauccgggcuuu.....	1	0	H12
.....ucuacccugaagauccgggcuuuU.....	1	1	H12
.....ucuacccugaagauccgggcuuuugu.....	1	0	H12
.....cuacccugaagauccgggcuuuu.....	1	0	H12
.....cuacccugaagauccgggcuuuug.....	1	0	H12
.....cuacccugaagauccgggcuuuugu.....	9	0	H12
.....uacccugaagauccgggcuu.....	2	0	H12
.....uacccugaagauccgggcuuu.....	20	0	H12
.....uacccugaagauccgggAcuuu.....	1	1	H12
.....uacccugaagauccgggcuuG.....	1	1	H12
.....uacccugaagauccgggcuuGu.....	1	1	H12
.....uacccugaaUauccgggcuuuu.....	1	1	H12
.....uacccugaagauccgggCuuu.....	1	1	H12
.....uacccugaagauccgggAcuuuu.....	1	1	H12
.....uaAccugaagauccgggcuuuu.....	1	1	H12
.....uacccugaagauccgggUcuuuu.....	1	1	H12
.....uacccugaagauccgggCuuuu.....	1	1	H12
.....uacccGgaagauccgggcuuuug.....	1	1	H12
.....uacccugaagauccgggcuuuU.....	5	1	H12

## Mature

## Star

uuuauaggcacaucgugaucuacccugaagauccgggcuuuuguaguguuguuaucaacagaagcucgucucacagguaucucacggcuggaagagaaacaacugcacaaaug

.....uacccugaagauccgggcuuuGg.....	1	1	H12
.....uacccugaagauccgggcuuuCg.....	1	1	H12
.....uacccugaagauccgggcuuuug.....	123	0	H12
.....uacccugaagauccgggcuuuuug.....	2	1	H12
.....uacccugaagauccgggcuuuuug.....	6	1	H12
.....uacccugaagauccgggcuuuuug.....	2739	0	H12
.....uacccugaagauccUggcuuuuug.....	1	1	H12
.....uacccugaagauccgggcuuuuugG.....	1	1	H12
.....uacccugaagauccgggcuuuuUu.....	1	1	H12
.....uacccugaagauccgggcuuuuug.....	2	1	H12
.....uacccugaagauccgggcuuuuug.....	2	1	H12
.....uacccugaagauccgUgcuuuug.....	2	1	H12
.....uacccugaagauccgggcuuuuug.....	1	1	H12
.....uacccugaagauccggUcuuuuug.....	6	1	H12
.....uacccugaagauccgggcuuuuAgu.....	2	1	H12
.....uUcccuagaagauccgggcuuuuug.....	1	1	H12
.....uacccAgaagauccgggcuuuuug.....	2	1	H12
.....uAAccugaagauccgggcuuuuug.....	5	1	H12
.....uacccugaagauccgggcuuuuug.....	1	1	H12
.....uacccugaagauccUgggcuuuuug.....	2	1	H12
.....uacccugaagauccgggcuuuuugA.....	12	1	H12
.....uacccugaagGuccgggcuuuuug.....	1	1	H12
.....uCcccuagaagauccgggcuuuuug.....	1	1	H12
.....uacccugaagauccgCgcuuuug.....	1	1	H12
.....uacUcugaagauccgggcuuuuug.....	1	1	H12
.....uacccugaagauccgggcuuuuug.....	1	1	H12
.....uacccugaagauccgggcuuuuug.....	3	1	H12
.....uacccugaagauccggCcuuuuug.....	4	1	H12
.....uagccugaagauccgggcuuuuug.....	5	1	H12
.....uacccugaagauccgggcuuuuug.....	3	1	H12
.....uacccugaagauccgggcuuuuug.....	3	1	H12
.....uacccugaagauccgggcuuuuug.....	1	1	H12
.....uacccugaagauccgggcuuuuug.....	1	1	H12
.....uacccugaagauccgggcuuuuug.....	3	1	H12
.....uacccugaagauccggAcuuuuug.....	14	1	H12
.....uacccugaagCuccgggcuuuuug.....	1	1	H12
.....uacccCgaagauccgggcuuuuug.....	2	1	H12
.....uacccugaagauccgggcuuuuugua.....	26	0	H12
.....uagccugaagauccgggcuuuuugua.....	1	1	H12
.....uacccugaagauccgggcuuuuugAa.....	2	1	H12
.....uacccugaagauccgggcuuuuugU.....	23	1	H12
.....uAAccugaagauccgggcuuuuugua.....	1	1	H12
.....uacccugaagauccggUcuuuuugua.....	1	1	H12
.....uacccugaagauccgggcuuuuuguaA.....	9	1	H12
.....uacccugaagauccgggcuuuuuguaU.....	4	1	H12
.....accugaagauccgggcuuu.....	5	0	H12
.....accugaagauccgggcuuuGu.....	1	1	H12
.....accugaagauccgggcuuuu.....	4	0	H12
.....accugaagauccgggcuuuuug.....	44	0	H12
.....accugaagauccUggcuuuuug.....	1	1	H12
.....accugaagauccgggcuuuuug.....	2	1	H12
.....accugaagauccgggcuuuuug.....	1	1	H12
.....accugaagauccgggcuuuuugG.....	1	1	H12
.....accugaagauccgggcuuuuAgu.....	1	1	H12
.....accugaagauccgggUuuuug.....	6	1	H12
.....acAcugaagauccgggcuuuuug.....	2	1	H12
.....acGcugaagauccgggcuuuuug.....	1	1	H12
.....aAccugaagauccgggcuuuuug.....	1	1	H12
.....accCuagaagauccgggcuuuuug.....	1	1	H12
.....accugaagauccgggcuuuuug.....	1	1	H12
.....accugaagauccgggcuuuuugA.....	1	1	H12
.....accGugaagauccgggcuuuuug.....	1	1	H12
.....accCuagaagauccgggcuuuuug.....	1	1	H12
.....accCuagaagauccgggcuuuuA.....	1	1	H12
.....accCuagaagUuccgggcuuuuug.....	1	1	H12
.....accCuagaagauccgggAuuuug.....	3	1	H12
.....accCuagaagauccgggcuuuuug.....	963	0	H12

## Mature

## Star

uuuauaggcacaucgugauc <u>uacccugaagauc</u> ccgggcuuuuguaguguuguuaucaaca <u>gaagcucgucucuacagguau</u> cucacggcuggaagagaaacaacugcacaaaug			
.....accugaagauc <u>ccgggcuuuugu</u> a.....	10	0	H12
.....accugaagauc <u>ccgggcuuuugu</u> U.....	10	1	H12
.....accugaagauc <u>ccgggcuuuugu</u> AA.....	2	1	H12
.....accugaagauc <u>ccgggcuuuugu</u> U.....	1	1	H12
.....accugaagauc <u>ccgggcuuuugu</u> aguguuguau.....	1	0	H12
.....ccugaagauc <u>ccgggcuuuugu</u> .....	1	0	H12
.....agaagcucgucucuacaggu <u>a</u> .....	1	0	H12
.....agaagcucgucucuacaggu <u>au</u> c.....	23	0	H12
.....agaagcucgucucuacaggu <u>au</u> c.....	1	0	H12
.....gaagcucgucucuacaggu.....	22	0	H12
.....gaagcucgucucuacaggu <u>a</u> .....	23	0	H12
.....gaagcucgucucuacaggu <u>au</u> .....	15	0	H12
.....gaagcucgucucuac <u>u</u> gu <u>au</u> c.....	2	1	H12
.....gaagcucgucucuacaggu <u>C</u> u.....	1	1	H12
.....gaagcucgucucuacaggu <u>au</u> c.....	106	0	H12
.....gaagcucgucucuac <u>C</u> gu <u>au</u> c.....	2	1	H12
.....gaagcucgucucuacaggu <u>au</u> c.....	66	0	H12
.....uacccugaagauc <u>ccgggcuuuu</u> .....	6	0	A22
.....uacccugaagauc <u>ccggg</u> Auuu.....	1	1	A22
.....uacccugaagauc <u>ccgggcuuuu</u> g.....	7	0	A22
.....uacccugaagauc <u>ccgg</u> Ucuuuu <u>g</u> .....	1	1	A22
.....uacccugaagauc <u>ccgg</u> Acuuuu <u>g</u> .....	2	1	A22
.....uacccugaagauc <u>ccgggcuuuu</u> gA.....	1	1	A22
.....uacccugaagauc <u>ccgggcuuuu</u> Uu.....	1	1	A22
.....uacccugaagauc <u>ccgggcuuuu</u> gu.....	66	0	A22
.....uacccugaagauc <u>ccgggcuuuu</u> guU.....	1	1	A22
.....accugaagauc <u>ccgggcuuuu</u> g.....	7	0	A22
.....accugaagauc <u>Cgggcuuuu</u> gu.....	1	1	A22
.....accugaagauc <u>ccgggcuuuu</u> gu.....	10	0	A22
.....ccugaagauc <u>ccgggcuuuu</u> guU.....	1	1	A22
.....agaagcucgucucuacaggu <u>au</u> .....	1	0	A22
.....gaagcucgucucuacaggu.....	1	0	A22
.....gaagcucgucucuacaggu <u>au</u> c.....	6	0	A22
.....gaagcucgucucuacaggu <u>au</u> c.....	2	0	A22
.....gaagcucgucC <u>u</u> acaggu <u>au</u> c.....	1	1	A22
.....ucuacccugaagauc <u>ccgggcuuuu</u> gu.....	1	0	H24
.....cuacccugaagauc <u>ccgggcuu</u> .....	1	0	H24
.....cuacccugaagauc <u>ccgggcuuuu</u> .....	2	0	H24
.....cuacccugaagauc <u>ccgggcuuuu</u> g.....	1	0	H24
.....cuacccugaagauc <u>ccgggcuuuu</u> gu.....	12	0	H24
.....uacccugaagauc <u>ccgggc</u> .....	2	0	H24
.....uacccugaagauc <u>ccgggcu</u> .....	5	0	H24
.....uacccugaagauc <u>ccgggcuu</u> .....	3	0	H24
.....uacccugaagauc <u>ccgggc</u> Auu.....	1	1	H24
.....uaGccugaagauc <u>ccgggcuuu</u> .....	1	1	H24
.....uacccugaagauc <u>ccgggcuuu</u> .....	30	0	H24
.....uaccUgaagauc <u>ccgggcuuuu</u> .....	1	1	H24
.....uacccugaagauc <u>ccgggc</u> Auuu.....	1	1	H24
.....uaccAugaagauc <u>ccgggcuuuu</u> .....	1	1	H24
.....uacccugaagauA <u>ccgggcuuuu</u> .....	1	1	H24
.....uacccugaagauc <u>ccgggcuuuu</u> .....	164	0	H24
.....uaccAugaagauc <u>ccgggcuuuu</u> g.....	3	1	H24
.....uacccugaagauc <u>ccgggc</u> Auuu <u>g</u> .....	1	1	H24
.....uacccugaagaucU <u>gggcuuuu</u> g.....	1	1	H24
.....uacccugaagauc <u>ccgggcuuuu</u> g.....	145	0	H24
.....uacccugaagauc <u>ccgggcuuuu</u> U.....	8	1	H24
.....uacccuUaagauc <u>ccgggcuuuu</u> gu.....	3	1	H24
.....uacccugaagauc <u>ccgggcuu</u> Augu.....	3	1	H24
.....uaccUgaagauc <u>ccgggcuuuu</u> gu.....	5	1	H24
.....uacccugCagauc <u>ccgggcuuuu</u> gu.....	2	1	H24
.....uacccCgaagauc <u>ccgggcuuuu</u> gu.....	3	1	H24
.....uacccugaagaucU <u>gggcuuuu</u> gu.....	1	1	H24
.....uacccugaagauc <u>ccgg</u> Ucuuuu <u>g</u> .....	1	1	H24
.....uacccugaagauc <u>ccgg</u> Acuuuu <u>g</u> .....	3	1	H24
.....uaGccugaagauc <u>ccgggcuuuu</u> gu.....	3	1	H24
.....uacccugaagaucA <u>gggcuuuu</u> gu.....	1	1	H24
.....uacccugaagauc <u>ccgggcuuuu</u> gC.....	3	1	H24
.....uUccugaagauc <u>ccgggcuuuu</u> gu.....	1	1	H24

## Mature

## Star

uuuauaggcacaucgugaucuacccugaaagaucgggcuuuuguaguguuguuaucaacagaagcucgucucacagguaucucacggcuggaagagaaacaacugcacaaaug

.....uaAccugaagaucgggcuuuugu.....	3	1	H24
.....uacccugaagaucCgggcuuuugu.....	2	1	H24
.....uacccugaagaucCGAgcuuuugu.....	1	1	H24
.....uacccugaagaucgggcuuuugu.....	3707	0	H24
.....uacccugaagaucgggcuuuugA.....	42	1	H24
.....uaUccugaagaucgggcuuuugu.....	1	1	H24
.....uacccugaagaucgggGcuuuugu.....	3	1	H24
.....uacccugaagaucgggGuuuugu.....	1	1	H24
.....uacccugaGgaucgggcuuuugu.....	1	1	H24
.....Caccugaagaucgggcuuuugu.....	1	1	H24
.....uacccugaagaucgggcuuGugu.....	1	1	H24
.....uacccugaagaucgggcuuuuG.....	3	1	H24
.....uaccGugaagaucgggcuuuugu.....	4	1	H24
.....uacccugaagaucCGcguuuugu.....	1	1	H24
.....uacccugaagauUcgggcuuuugu.....	1	1	H24
.....uacccugaaAaucgggcuuuugu.....	1	1	H24
.....uaccAugaagaucgggcuuuugu.....	7	1	H24
.....uacccugaagaucgggcuuuuU.....	12	1	H24
.....uacccugaagaucgggcuuuuA.....	4	1	H24
.....uacccugaaCaucgggcuuuugu.....	1	1	H24
.....uCccugaagaucgggcuuuugu.....	1	1	H24
.....uacGcugaagaucgggcuuuugu.....	1	1	H24
.....uacccugaagaucgggCuuugu.....	9	1	H24
.....uacccugaagauAcgggcuuuugu.....	1	1	H24
.....uacccugaagaucAggcuuuugu.....	3	1	H24
.....uacccugGagaucgggcuuuugu.....	3	1	H24
.....uacccugaagUuccgggcuuuugu.....	1	1	H24
.....uacccugaagaucgggCuuugu.....	2	1	H24
.....uacccugaagaucgggUuuugu.....	2	1	H24
.....uacccugaagaucgggcuuuCu.....	2	1	H24
.....uacccugaagaucCGcuuuugu.....	5	1	H24
.....uacccugaagaucgggcuuuugA.....	2	1	H24
.....uacccugaagaucgggcuuuuguA.....	50	0	H24
.....uacccugaagaucgggcuuuuguU.....	69	1	H24
.....uacccugaagaucgggcuuuuguAA.....	7	1	H24
.....uacccugaagaucgggcuuuuguAU.....	10	1	H24
.....uacccugaagaucgggcuuuuguUG.....	1	1	H24
.....uacccugaagaucgggcuuuuguAU.....	2	1	H24
.....uacccugaagaucgggcuuuuguagug.....	1	0	H24
.....uacccugaagaucgggcuuuuguaguguuguaucaaca.....	1	0	H24
.....accugaagaucgggcu.....	1	0	H24
.....accugaagaucgggcuuuu.....	15	0	H24
.....accugaagaucgggcuuuuU.....	1	1	H24
.....accugaagaucgggcuuuug.....	60	0	H24
.....accugaagaucgggcuuGugu.....	1	1	H24
.....accugaagaucgggcuuuugA.....	19	1	H24
.....accugaagaucgggcuuuuU.....	1	1	H24
.....accugaagaucgggUuuugu.....	2	1	H24
.....acccGgaagaucgggcuuuugu.....	1	1	H24
.....accugaagaucCGUcuuuugu.....	1	1	H24
.....accAugaagaucgggcuuuugu.....	2	1	H24
.....accugaagaucCGcuuuugu.....	1	1	H24
.....acccAgaagaucgggcuuuugu.....	3	1	H24
.....accugaagaucgggcuuuGgu.....	1	1	H24
.....accugaagCuccgggcuuuugu.....	1	1	H24
.....accugaagaucUggcuuuugu.....	1	1	H24
.....accugaagaucgggcuuuAgu.....	1	1	H24
.....accugaagaucgggcuGuugu.....	3	1	H24
.....accugaagaucgggcuuuugu.....	1254	0	H24
.....accugaagaucAgggcuuuugu.....	1	1	H24
.....accugaagaucgggcuAuugu.....	2	1	H24
.....acGcugaagaucgggcuuuugu.....	1	1	H24
.....acccGgaagaucgggcuuuugu.....	3	1	H24
.....accugaagaucgggAuuuugu.....	3	1	H24
.....accugaagaucgggcuuuuguA.....	12	0	H24
.....accugaagaucgggcuuuugA.....	1	1	H24
.....accugaagaucgggcuuuuguU.....	19	1	H24
.....accugaagaucgggcuuuuguG.....	1	1	H24
.....accugaagaucgggcuuuuguAA.....	1	1	H24
.....accugaagaucgggcuuuuguag.....	1	0	H24

## Mature

Star

[illegible]

## Mature

## Star

uuuauaggcacaucgugaucuacccugaaagauccgggcuuuuuguaguguuguuaucaacagaagcucgucucucacagguaucucacggcuggaagagaaacaacugcacaaaug

.....uacccugGagauccgggcuuuugu.....	1	1	H51
.....uacccugaagauccgggcuuuuAu.....	2	1	H51
.....uacccugaagauccgggcuuuugu.....	2275	0	H51
.....uacccugaagauccggAcuuugu.....	1	1	H51
.....uacccugaagauAcgggcuuuugu.....	2	1	H51
.....uacccugaagUuccgggcuuuugu.....	1	1	H51
.....uacccugaagauccgggcuuuugG.....	1	1	H51
.....uacccugaagauccgggcuuuuUu.....	14	1	H51
.....uacccugaagauccgggcAuugu.....	4	1	H51
.....uacccugaagauccgggcuuuugA.....	47	1	H51
.....uacAcugaagauccgggcuuuugu.....	1	1	H51
.....uacccugaagauccCggcuuuugu.....	1	1	H51
.....uacccugaagauccgUgcuuugu.....	2	1	H51
.....uacccugaagauccgggcuuuugua.....	136	0	H51
.....uacccugaagauccgggcuuuugU.....	29	1	H51
.....uacccugaagauccgggcAuugua.....	1	1	H51
.....uaccAugaagauccgggcuuuugua.....	1	1	H51
.....uacccugaagauccgggcuuuugCa.....	1	1	H51
.....uacccugaagauccgggcuuuugAa.....	6	1	H51
.....uacccAgaagauccgggcuuuugua.....	1	1	H51
.....uacccugaagauccgggcuuAugua.....	1	1	H51
.....uacccugaagauccgggcGuugua.....	1	1	H51
.....uaccGuagaagauccgggcuuuugua.....	1	1	H51
.....uacccugaagauccgggcuuuuguaU.....	27	1	H51
.....uacccugaagauccgggcuuuuguaA.....	51	1	H51
.....uacccugaagauccgggcuuuuguaAu.....	8	1	H51
.....uacccugaagauccgggcuuuuguaUu.....	3	1	H51
.....uacccugaagauccgggcuuuuguagu.....	1	0	H51
.....acccugaagauccgggcu.....	2	0	H51
.....acccugaagauccgggcuuu.....	3	0	H51
.....acccugaagauccgggcuuuu.....	18	0	H51
.....acccugaagauccgggcuuuuA.....	1	1	H51
.....acccugaUgaucgggcuuuug.....	1	1	H51
.....acAcugaagauccgggcuuuug.....	1	1	H51
.....acccugaagauccgggcuuuug.....	45	0	H51
.....acccugaagauccgggcuuuuU.....	4	1	H51
.....acccugaaUaucgggcuuuug.....	1	1	H51
.....acccugaagauccgggcuuuugu.....	718	0	H51
.....acccugaagauccgggcuuuuAgu.....	1	1	H51
.....acGcugaagauccgggcuuuugu.....	1	1	H51
.....acccugaagauccgggcuuuugA.....	11	1	H51
.....acccugaagauccgggAuuuugu.....	3	1	H51
.....acAcugaagauccgggcuuuugu.....	1	1	H51
.....acccAgaagauccgggcuuuugu.....	2	1	H51
.....acccugaaUaucgggcuuuugu.....	1	1	H51
.....acccuUaagauccgggcuuuugu.....	2	1	H51
.....acUcugaagauccgggcuuuugu.....	1	1	H51
.....acccugaagauccggUcuuugu.....	1	1	H51
.....acccugaUgaucgggcuuuugu.....	1	1	H51
.....acccugaagauUcgggcuuuugu.....	1	1	H51
.....acccGgaagauccgggcuuuugu.....	1	1	H51
.....acccugaagauccgggGuuuugu.....	2	1	H51
.....acccugaagauccgggcuuuuUu.....	3	1	H51
.....acccGgaagauccgggcuuuugu.....	1	1	H51
.....acccugaGgaucgggcuuuugu.....	2	1	H51
.....acccugaagauccgggcuuuuguU.....	10	1	H51
.....acccugaagauccgCgcuuugua.....	1	1	H51
.....acccugaagauccgggcuuuugAa.....	3	1	H51
.....acccugaagauccgggcuuuugua.....	64	0	H51
.....acccugaagauccgggcuuuuguaU.....	13	1	H51
.....acccugaagauccgggcuuuuguaA.....	24	1	H51
.....acccugaagauccgggcuuuuguaAu.....	1	1	H51
.....acccugaagauccgggcuuuuguaUu.....	3	1	H51
.....ccugaagauccgggcuuuugu.....	4	0	H51
.....ccugaagauccgggcuuuugu.....	2	0	H51
.....cugaagauccgggcuuuuguU.....	1	1	H51
.....agaagcucgucucucacaggu.....	1	0	H51
.....agaagcucgucucucacagguu.....	2	0	H51
.....agaagcucgucucucacagguau.....	3	0	H51
.....agaagcucgucucucacagguauc.....	20	0	H51

## Mature

## Star

uuuauaggcacaucgugaucuacccugaagauccgggcuuuuguaguguuguuaucaacagaagcucgucucuacagguaucucacggcuggaagagaaacaacugcacaaaug

.....agaagcucgucucuacagguaucu.....	1	0	H51
.....gaagcucgucucuacagg.....	1	0	H51
.....gaagcucgucucuacaggu.....	10	0	H51
.....gaCgcucgucucuacaggu.....	1	1	H51
.....gaagcucgucucuacaggu.....	49	0	H51
.....gaaAcucgucucuacagguau.....	1	1	H51
.....gaagcucgucucuacagguA.....	1	1	H51
.....gaagcucgucucuacagguau.....	22	0	H51
.....gaagcucgucucuGcagguauc.....	1	1	H51
.....gaCgcucgucucuacagguauc.....	1	1	H51
.....gaagcucgucucuacagguauc.....	182	0	H51
.....gaagcucgucucuacagguauA.....	3	1	H51
.....gaGgcucgucucuacagguauc.....	1	1	H51
.....gaagcucgucucuacagguaucu.....	54	0	H51
.....gaagcucgucucuacagguaucA.....	1	1	H51
.....gaagcucgucucuacagguA <u>Acu</u> .....	1	1	H51
.....gaagcucgucucuacagguaucu <u>U</u> .....	3	1	H51
.....uacccugaagauccgggcuuu.....	1	0	R71
.....uacccugaagauccgggcuuuu.....	13	0	R71
.....uacccugaagauccgggcuuuug.....	2	0	R71
.....uacccugaagauccgggcuuuugu.....	114	0	R71
.....uaUccugaagauccgggcuuuugu.....	1	1	R71
.....uacccugaagauccgggcuuuuA.....	2	1	R71
.....uacccugaagauccgggcuuuuG.....	1	1	R71
.....uacccugaagauccgggcuuuuU.....	1	1	R71
.....uacccugaagauccgggcuuuugA.....	2	0	R71
.....accugaagauccgggcuuu.....	1	0	R71
.....accugaagauccgggcuuuu.....	1	0	R71
.....accugaagauccgggcuuuug.....	1	0	R71
.....accugaagauccgggcuuuugu.....	40	0	R71
.....accugaagauccgggcuuuugA.....	1	0	R71
.....agaagcucgucucuacagguauc.....	2	0	R71
.....gaagcucgucucuacaggu.....	1	0	R71
.....gaagcucgucucuacagguauc.....	3	0	R71
.....gaagcucgucucuacagguaucu.....	5	0	R71
.....uacccugaagauccgggcuuu.....	3	0	A31
.....uacccugaagauccgggcuuuug.....	2	0	A31
.....uacccugaagauccgggcuuAugu.....	1	1	A31
.....uacccugaagauccgggcUuuugu.....	1	1	A31
.....uacccugaagauccgggcuuuugu.....	36	0	A31
.....uacccugaagauccgggcuuuuU.....	1	1	A31
.....uacccugaagauccgggcuuuugA.....	1	0	A31
.....accugaagauccgggcuuu.....	1	0	A31
.....accugaagauccgggcuuuug.....	1	0	A31
.....accugaagauccgggcuuuugu.....	11	0	A31
.....gaagcucgucucuacagguauc.....	3	0	A31
.....gaagcucgucucuacagguaucu.....	1	0	A31
.....aucuacccugaagauccgggcu.....	1	0	H72
.....cuacccugaagauccgggcuuuugu.....	2	0	H72
.....uacccugaagauccgggcu.....	2	0	H72
.....uUccugaagauccgggcuu.....	1	1	H72
.....uacccugaagauccgggcuu.....	4	0	H72
.....uacccugaagauccgggcuuu.....	16	0	H72
.....uacccuAaagauccgggcuuu.....	1	1	H72
.....uacccugaagauccgggcuuuu.....	100	0	H72
.....uacccugaagauccggUcuuuug.....	1	1	H72
.....uacccugaagauccgggcuuuug.....	79	0	H72
.....uacccugaagauccgggcuuuuU.....	4	1	H72
.....uacccugaagauCAgggcuuuug.....	1	1	H72
.....uacccugaagauccgggcuuuuA.....	1	1	H72
.....uacccugaagauccgAgcuuuugu.....	1	1	H72
.....uacccugaagauUcgggcuuuugu.....	1	1	H72
.....uacUcuagaagauccgggcuuuugu.....	1	1	H72
.....Caccugaagauccgggcuuuugu.....	1	1	H72
.....uacccugaagauccggUcuuuugu.....	5	1	H72
.....uacccugaagauccgggcuuuuG.....	1	1	H72
.....uaccAugaagauccgggcuuuugu.....	4	1	H72



## Mature

## Star

uuuauaggcacaucgugaucuacccugaaagauccgggcuuuuguaguguuguuaucaacagaagcucgucucuacagguaucucacggcuggaagagaaacaacugcacaaaug

.....uaGccugaagauccgggcuuuugu.....	3	1	H72
.....uacccugaagauccAggggcuuuugu.....	2	1	H72
.....uacccugaagauccgUgcuuuuugu.....	1	1	H72
.....uacccugGagauccgggcuuuugu.....	3	1	H72
.....uaUccugaagauccgggcuuuugu.....	2	1	H72
.....uUcccugaagauccgggcuuuugu.....	1	1	H72
.....uacccugaaAauccgggcuuuugu.....	1	1	H72
.....uacccugaagauccggAcuuuugu.....	2	1	H72
.....uacccugaagauccgggcCuuugu.....	4	1	H72
.....uacccugaaUauccgggcuuuugu.....	1	1	H72
.....uaccGuagaagauccgggcuuuugu.....	2	1	H72
.....uacccugaagauccgggcuuuuGA.....	19	1	H72
.....uacccugaagauccgggcuuuuAU.....	1	1	H72
.....uacccugaagauccgCgcuuuuugu.....	2	1	H72
.....uacccCGaagauccgggcuuuugu.....	1	1	H72
.....uacccugaagauccgggcAuuugu.....	2	1	H72
.....uacccugaagauccgggcuuuuCu.....	1	1	H72
.....uaAccugaagauccgggcuuuugu.....	9	1	H72
.....uacccugaagauccgggcGuuugu.....	7	1	H72
.....uacccugaagauccgggcuuuuUu.....	5	1	H72
.....uacccugaagaAaccgggcuuuugu.....	1	1	H72
.....uacAcugaagauccgggcuuuugu.....	1	1	H72
.....uacccuUaagaucgggcuuuugu.....	1	1	H72
.....uacccugaagauccgggcuuuugu.....	2426	0	H72
.....uacccugaagauccgggcuuuCGu.....	1	1	H72
.....uaccUugaagauccgggcuuuugu.....	2	1	H72
.....uacccugaagauccggCcuuuugu.....	2	1	H72
.....uacccugaagauccgggcUuGuu.....	3	1	H72
.....uacccugaagauccgggcUuAugu.....	2	1	H72
.....uacccugaagauccUggcuuuugu.....	1	1	H72
.....uacccugaagauccAggcuuuugu.....	2	1	H72
.....uacccugaagauccgggcuuuugua.....	23	0	H72
.....uacccugaagauccgggcuuuugCa.....	1	1	H72
.....uacccugaagauccgggcuuuuguG.....	1	1	H72
.....uacccugaagauccgggcuuuugAa.....	4	1	H72
.....uacccugaagauccgggcuuuuguU.....	27	1	H72
.....uacccugaagauccgggcuuuuguaA.....	5	1	H72
.....uacccugaagauccgggcuuuuguaU.....	3	1	H72
.....uacccugaagauccgggcuuuuguaAu.....	1	1	H72
.....uacccugaagauccgggcuuuuguaguguuguuaucaac.....	1	0	H72
.....accugaagauccgggcuuu.....	2	0	H72
.....accugaagauccgggcuuuu.....	14	0	H72
.....accugaagauccgggcuuuuU.....	1	1	H72
.....accugaagauccgggcuuuuug.....	40	0	H72
.....accugaagauccgggcuuuCGu.....	1	1	H72
.....accugaagauccgggGuuuugu.....	1	1	H72
.....accugaagauccgggcuuuGgu.....	1	1	H72
.....accugaagauccgggcuuuUu.....	1	1	H72
.....accugaagauccgggcUuuugu.....	4	1	H72
.....accCGaagauccgggcuuuugu.....	1	1	H72
.....accugaagaauccgggcuuuugA.....	9	1	H72
.....accugaagaauccgggcuuuAgu.....	1	1	H72
.....accugaagaauAcgggcuuuugu.....	1	1	H72
.....aUccugaagauccgggcuuuugu.....	1	1	H72
.....accugaaUauccgggcuuuugu.....	1	1	H72
.....accugaagaauccgggcuuuugu.....	863	0	H72
.....acUcugaagaauccgggcuuuugu.....	2	1	H72
.....accGAgaagaauccgggcuuuugu.....	1	1	H72
.....accugaagaauccgCgcuuuugu.....	1	1	H72
.....accugaagaauccgggcuuuuguU.....	4	1	H72
.....accugaagaauccgggcuuuugua.....	16	0	H72
.....accugaagaauccgggcuuuuguaA.....	2	1	H72
.....ccugaagaauccgggcuuuuguU.....	1	1	H72
.....cugaagaauccgggcuuuugu.....	1	0	H72
.....agaagcucgucucua <u>cagggu</u> .....	2	0	H72
.....agaagcucgucucua <u>cagggua</u> .....	1	0	H72
.....agaagcucgucucua <u>caggguau</u> .....	2	0	H72
.....agaagcucgucucua <u>caggguauA</u> .....	1	1	H72
.....agaagcucgucucua <u>caggguauc</u> .....	26	0	H72
.....gaagcucgucucua <u>cagggu</u> .....	7	0	H72

## Mature

## Star

uuuauaggcacaucgugauc <u>uacccugaagauccgggcuuuuguaguguuguuaucaaca</u> <u>gaagcucgucucua</u> <u>cagguauc</u> <u>ucacggcuggaagagaaacaacugc</u> <u>cacaaaug</u>			
.....gaagcucgucucua <u>caggua</u> .....	10	0	H72
.....gaagcucgucucua <u>caggua</u> u.....	5	0	H72
.....gaagcucgucucua <u>caggua</u> u.....	114	0	H72
.....gaagcucgucucua <u>caggua</u> U.....	1	1	H72
.....gaagcucgucucua <u>Aggua</u> uc.....	1	1	H72
.....gaagcucgucucua <u>caggua</u> Ac.....	1	1	H72
.....gaagcucgucucua <u>Aggua</u> acu.....	1	1	H72
.....gaagcucgucucua <u>caggua</u> acu.....	26	0	H72
.....cuacccugaagauccgggcuuuu.....	2	0	H32
.....cuacccugaagauccgggcuuuug.....	1	0	H32
.....cuacccugaagauccg <u>Ag</u> cuuuugu.....	1	1	H32
.....cuacccugaagauccgggcuuuugu.....	3	0	H32
.....uacccugaagauccgggcu.....	6	0	H32
.....uacccugaagau <u>Ac</u> gggcu.....	1	1	H32
.....uacccugaagauccgggcuu.....	7	0	H32
.....ua <u>Acc</u> ugaagauccgggcuu.....	1	1	H32
.....uacccugaagauccgggcuuu.....	13	0	H32
.....ua <u>Acc</u> ugaagauccgggcuuu.....	1	1	H32
.....uacccugaagauccgggcuuuu.....	1	1	H32
.....uacccugaagauccgggcuuuA.....	1	1	H32
.....uacccugaagauccgggcuuGu.....	1	1	H32
.....uacccugaagauccgggcuuuu.....	148	0	H32
.....uacccugaagau <u>Ac</u> gggcuuuug.....	1	1	H32
.....uacccugaagauccgggcuuuug.....	72	0	H32
.....uacccugaagauccgggcuuuuU.....	3	1	H32
.....uacccugaagauccgggcuuuug.....	1	1	H32
.....uacccuga <u>aa</u> Uauccgggcuuuug.....	1	1	H32
.....uacccugaagUuccgggcuuuugu.....	1	1	H32
.....uacccug <u>Ga</u> auccgggcuuuugu.....	3	1	H32
.....uacccugaagaucc <u>Ag</u> gcuuuugu.....	1	1	H32
.....uacccugaagauccgggcuu <u>Ag</u> u.....	2	1	H32
.....uacccug <u>Cag</u> auccgggcuuuugu.....	3	1	H32
.....uacccugaagauccgggcuuuugu.....	1	1	H32
.....uaUccugaagauccgggcuuuugu.....	1	1	H32
.....Caccugaagauccgggcuuuugu.....	1	1	H32
.....uacc <u>G</u> ugaagauccgggcuuuugu.....	3	1	H32
.....uacccCgaagauccgggcuuuugu.....	2	1	H32
.....uacccugaaga <u>Ac</u> gggcuuuugu.....	1	1	H32
.....uacccugaagauccgggcuuuugu.....	1680	0	H32
.....uaccUugaagauccgggcuuuugu.....	3	1	H32
.....uacccugaagauccgggcuuuu <u>gA</u> .....	26	1	H32
.....uacccugaagauccgggcuuuu <u>Au</u> .....	1	1	H32
.....uacccugaagauccgggcuuuu <u>g</u> .....	2	1	H32
.....uacccugaagauccgggcuuuu <u>g</u> .....	2	1	H32
.....uacccugaagauccgggcuuuuUu.....	7	1	H32
.....uacccugaagauccggUcuuuugu.....	1	1	H32
.....uacc <u>Aug</u> aagauccgggcuuuugu.....	6	1	H32
.....uacccugaagauccUggcuuuugu.....	1	1	H32
.....uaAccugaagauccgggcuuuugu.....	4	1	H32
.....uacccugaagauccAgggcuuuugu.....	1	1	H32
.....uacccugaagauccgg <u>Ac</u> uuugu.....	3	1	H32
.....uacccugaagauccgggcuuuugu.....	1	1	H32
.....uaGccugaagauccgggcuuuugu.....	2	1	H32
.....uacccugaagauccgggcuuuugC.....	3	1	H32
.....uacccugaagauccgUgcuuugu.....	1	1	H32
.....uacccugaagau <u>Ac</u> gggcuuuugu.....	2	1	H32
.....uacccuAaagauccgggcuuuugu.....	1	1	H32
.....uacccAgaagauccgggcuuuugu.....	1	1	H32
.....uacccugaagauccgggcuuuugua.....	50	0	H32
.....uacccugaagauccgggcuuuugua.....	1	1	H32
.....uacccugaagauccgggcuuuuguU.....	27	1	H32
.....uacccugaagauccgggcuuuuguG.....	1	1	H32
.....uacccugaagauccAgggcuuuugua.....	1	1	H32
.....uacccugaagauccgggcuu <u>Ag</u> ua.....	1	1	H32
.....uacccugaagauccgg <u>Ac</u> uuuuugua.....	1	1	H32
.....uacccugaagauccgggcuuuuguaU.....	8	1	H32
.....uacccugaagauccgggcuuuugu <u>AA</u> .....	18	1	H32
.....uacccugaagauccgggcuuuuguaguguuguuaucaaca.....	2	0	H32
.....accugaagauccgggcu.....	1	0	H32

## Mature

## Star

uuuauaggcacaucgugauc <u>uacccugaagauccgggcuuuu</u> guaguguuguuaucaaca <u>gaagcucgucucuacagguau</u> cucacggcuggaagagaaacaacugcacaaaug			
.....accugaagauccgggcuuuu.....	14	0	H32
.....accugaagauccgggcuuuug.....	38	0	H32
.....accugaagauccgggcuu <u>Cugu</u> .....	1	1	H32
.....accugaagauccggg <u>Uuuu</u> gu.....	1	1	H32
.....accugaagauccgggcuuuu <u>gu</u> .....	593	0	H32
.....accugaagauccgggcu <u>Auu</u> gu.....	1	1	H32
.....accCgaagauccgggcuuuu <u>gu</u> .....	2	1	H32
.....accugaagauccgggcu <u>Gu</u> gu.....	1	1	H32
.....accugaagauccgggcuuuu <u>G</u> .....	2	1	H32
.....accugaagauccgggcuuuu <u>A</u> .....	7	1	H32
.....accugaagauccggg <u>Auuu</u> gu.....	2	1	H32
.....ac <u>U</u> cugaagauccgggcuuuu <u>gu</u> .....	3	1	H32
.....ac <u>A</u> cugaagauccgggcuuuu <u>gu</u> .....	2	1	H32
.....accugaagauccgggcu <u>Cuu</u> gu.....	1	1	H32
.....accugaagauccgggcuuuu <u>U</u> .....	1	1	H32
.....accugaagauccgggcuuuu <u>gua</u> .....	15	0	H32
.....accugaagauccgggcuuuu <u>gAa</u> .....	2	1	H32
.....accugaagauccgggcuuuu <u>guU</u> .....	8	1	H32
.....accugaagauccgggcuuuu <u>guaA</u> .....	6	1	H32
.....accugaagauccgggcuuuu <u>guaU</u> .....	7	1	H32
.....accugaagauccgggcuuuu <u>guaUu</u> .....	2	1	H32
.....cc <u>u</u> gaagauccgggcuuuu <u>C</u> .....	1	1	H32
.....cc <u>u</u> gaagauccgggcuuuu <u>guU</u> .....	1	1	H32
..... <u>u</u> gaagauccgggcuuuu <u>gu</u> .....	1	0	H32
.....uaguguuguuaucaacagaagcucgucucuacagguau <u>c</u> .....	1	0	H32
.....agaagcucgucucuacaggu.....	2	0	H32
.....agaagcucgucucuacagguau.....	2	0	H32
.....agaagcucgucucuacagguau <u>c</u> .....	11	0	H32
.....gaagcucgucucuacag <u>g</u> .....	1	0	H32
.....gaagcucgucucuacaggu.....	6	0	H32
.....gaagcucgucucuacaggu <u>a</u> .....	29	0	H32
.....gaagcucgucucuacagguau.....	12	0	H32
.....gaagcucgucucuacag <u>C</u> uau <u>c</u> .....	1	1	H32
.....gaaCcucgucucuacagguau <u>c</u> .....	1	1	H32
.....gaagcAcgucucuacagguau <u>c</u> .....	1	1	H32
.....gaagGucgucucuacagguau <u>c</u> .....	1	1	H32
.....gaCgcucgucucuacagguau <u>c</u> .....	1	1	H32
.....gaagcucgucucuacagguau <u>c</u> .....	197	0	H32
.....gaagcucgucucuacagguau <u>cA</u> .....	1	1	H32
.....gaagcucgucucuacagguau <u>cu</u> .....	46	0	H32
.....gaagcucgucucuacagguau <u>cuU</u> .....	3	1	H32
.....uc <u>u</u> acccugaagauccgggcuu.....	1	0	H52
.....cuacccugaagauccgggcuuuu <u>gu</u> .....	2	0	H52
.....cuacccugaag <u>U</u> uccgggcuuuu <u>gua</u> .....	1	1	H52
.....uacccugaagauccgggcu.....	7	0	H52
.....uacccugaagauccgggcuu.....	8	0	H52
.....uacccugaagauccgggcuuu.....	48	0	H52
.....uacccugCagauccgggcuuuu.....	1	1	H52
.....uacccugaagauccgAgcuuuu.....	1	1	H52
.....uaGccugaagauccgggcuuuu.....	1	1	H52
.....uacccugaagauccgggcuuuu.....	240	0	H52
.....uacccugaagaucAgggcuuuu.....	1	1	H52
.....uaAccugaagauccgggcuuuu.....	2	1	H52
.....uacccugaagauccUggcuuuu.....	1	1	H52
.....uacccugaagauccgggcCuuu.....	1	1	H52
.....uacccugaagauccgUgcuuu.....	1	1	H52
.....uacccugaagauccgggcuuuu <u>g</u> .....	98	0	H52
.....uaAccugaagauccgggcuuuu <u>g</u> .....	1	1	H52
.....uacccugaagauccggA <u>c</u> uuu <u>g</u> .....	1	1	H52
.....uacccugaagauccgggcCuuu <u>g</u> .....	1	1	H52
.....uacccugaagauccgggcuuuu <u>U</u> .....	4	1	H52
.....uacccugaagauccgggcuuuu <u>gA</u> .....	42	1	H52
.....uacccugaagauccgggcuuuu <u>gC</u> .....	1	1	H52
.....Cacccugaagauccgggcuuuu <u>gu</u> .....	2	1	H52
.....uacA <u>c</u> ugaagauccgggcuuuu <u>gu</u> .....	1	1	H52
.....uaccA <u>u</u> gaagauccgggcuuuu <u>gu</u> .....	7	1	H52
.....uaGccugaagauccgggcuuuu <u>gu</u> .....	1	1	H52
.....uacccugaagauccgggcuuA <u>gu</u> .....	3	1	H52
.....uaAccugaagauccgggcuuuu <u>gu</u> .....	6	1	H52

## Mature

## Star

uuuauaggcacaucgugaucuacccugaaagauccgggcuuuuguaguguuguuaucaacagaagcucgucucuaacagguaucucacggcuggaagagaaacaacugcacaaaug

.uacccugaaagauccggAcuuuuugu.	1	1	H52
.uacccugaaagauccAggcuuuugu.	2	1	H52
.uacccugaaagauccggGcuuuugu.	3	1	H52
.uacccugaaagauccggCcuuuugu.	3	1	H52
.uacccugaaagauccggcuuuugu.	2	1	H52
.uacccugaaagauccggGcuuuugu.	5	1	H52
.uacccugaaagauccgggcuuuugu.	1934	0	H52
.uacccugaaagauccgggcuuuuUu.	8	1	H52
.uacccugaaagauccgggcuuuuCu.	1	1	H52
.uacccugaaagauccgggcuuuugu.	2	1	H52
.uacccugaaagauccgggcuuGugu.	4	1	H52
.uacccugaaagauccggUgcuuugu.	1	1	H52
.uacccugGagauccgggcuuuugu.	1	1	H52
.uacccugaaUgauccgggcuuuugu.	1	1	H52
.uUccugaaagauccgggcuuuugu.	2	1	H52
.uacccugaaagauccgggUuuugu.	1	1	H52
.uacccCgaagauccgggcuuuugu.	1	1	H52
.uacccAugaagauccgggcuuuugua.	1	1	H52
.uacccugaaagauccgggcuuAugua.	1	1	H52
.uacccugaaagauccgggcuuuugua.	134	0	H52
.uacccugaaagauccgggcuuuugAa.	7	1	H52
.uacccugaaagauccgggcuuuuguU.	23	1	H52
.uacccGugaagauccgggcuuuugua.	1	1	H52
.uacccugaaagauccgggcuuuuguag.	1	0	H52
.uacccugaaagauccgggcuuuuguaU.	12	1	H52
.uacccugaaagauccgggcuuuuguaA.	51	1	H52
.uacccugaaagauccgggcuuuuguagA.	1	1	H52
.uacccugaaagauccgggcuuuuguaAu.	4	1	H52
.acccugaaagauccgggcu.	1	0	H52
.acccugaaagauccgggcuuu.	3	0	H52
.acccugaagauccgggcuAu.	2	1	H52
.acccugaagauccgAgcuuuu.	1	1	H52
.acccugaagauccgggcuuuu.	16	0	H52
.acccugaagauccgggcuuuuU.	3	1	H52
.acccugaagauccgUgcuuuug.	1	1	H52
.acccugaagauccgggcuuuug.	46	0	H52
.accGugaagauccgggcuuuug.	1	1	H52
.acccugaagauccgggcuuuugC.	1	1	H52
.acccugaagauccgggcuuuuUu.	2	1	H52
.acccugaagauccAggcuuuugu.	1	1	H52
.acccugaagauccgggAuuuugu.	1	1	H52
.accGugaagauccgggcuuuugu.	2	1	H52
.acccugaagauccgggUuuugu.	1	1	H52
.acccugaagauccgggcuAuugu.	1	1	H52
.acccGgaagauccgggcuuuugu.	2	1	H52
.acccugaagauccgggGcuuuugu.	1	1	H52
.acccugaagauccgggcuuuugA.	13	1	H52
.acccugaagauccgAgcuuuugu.	2	1	H52
.acAcugaagauccgggcuuuugu.	1	1	H52
.acccugaagauccgggcuCuugu.	1	1	H52
.acccugaagauccgggcuuuuAgu.	1	1	H52
.acccugaagaCccgggcuuuugu.	1	1	H52
.acccugaagauccgggcuuuugu.	707	0	H52
.acccugaagauccgggcuuuugAa.	1	1	H52
.acccugaagauccgggcuuuugua.	48	0	H52
.acccugaagauccgggcuuuuguU.	13	1	H52
.acccugaagauccgggcuuuuguaU.	8	1	H52
.acccugaagauccgggcuuuuguaA.	23	1	H52
.acccugaagauccgggcuuuuguaUu.	1	1	H52
.acccugaagauccgggcuuuuguaguguuguuaucaaca.	1	0	H52
.cccugaagauccgggcuuuuguU.	2	1	H52
.ccugaagauccgggcuuuugu.	1	0	H52
.agaagcucgucucuaacaggu.	2	0	H52
.agaagcucgucucuaacaggua.	2	0	H52
.agaagcucgucucuaacagguaC.	1	1	H52
.agaagcucgucucuaacagguaU.	1	0	H52
.agaagcucgucucuaacagguauc.	34	0	H52
.gaagcucgucucAacaggu.	1	1	H52
.gaagcucgucucuaacaggu.	26	0	H52
.gaagcucgucucuaacaggua.	63	0	H52

## Mature

## Star

uuuauaggcacaucgugaucuaccccgugaagauccgggcuuuuguaguguuguuaucaacagaagcucgucucuacagguaucucacggcuggaagagaaacaacugcacaaaug

.....gaagcucgucucuacagguA.....	1	1	H52
.....gaagcucgucucuacagguau.....	29	0	H52
.....gaaCcucgucucuacagguauc.....	1	1	H52
.....gaagcucgucucuacagguACc.....	1	1	H52
.....gaagcucgucucuacaggGauc.....	1	1	H52
.....gaagcucgucucAacagguauc.....	1	1	H52
.....gaagcucgucucuacagguauc.....	300	0	H52
.....gaagGucgucucuacagguauc.....	2	1	H52
.....gaGgcucgucucuacagguauc.....	1	1	H52
.....gaagcucgucucuacagguauU.....	1	1	H52
.....gaCgcucgucucuacagguauc.....	2	1	H52
.....gaagcucgucucuacagguaucu.....	77	0	H52
.....gaagcucgucucuacagguaucG.....	2	1	H52
.....gaagcucgucucuacagguaucA.....	1	1	H52
.....gaagcucgucucuacagguaucuU.....	3	1	H52
.....aucuacccugaagauccgggcuuu.....	1	0	E74
.....aucuacccugaagauccgggcuuuu.....	2	0	E74
.....cuacccugaagauccgggcuuu.....	2	0	E74
.....cuacccugaagauccgggcuuuugu.....	20	0	E74
.....cuacccugaagauccgggcuuuugua.....	1	0	E74
.....uacccugaagauccgggc.....	1	0	E74
.....uacccugaagauccgggcu.....	7	0	E74
.....uacccugaagauccgggcuu.....	3	0	E74
.....uacccugaagauccgggcuuu.....	11	0	E74
.....uacccugaagauccgggcuuuu.....	1	1	E74
.....uacccAgaagauccgggcuuuu.....	1	1	E74
.....uacccAugaagauccgggcuuuu.....	1	1	E74
.....uaGccugaagauccgggcuuuu.....	1	1	E74
.....uacccugaagauccUggcuuuu.....	1	1	E74
.....uacccUugaagauccgggcuuuu.....	1	1	E74
.....uacccugaagauccgggcuuuu.....	127	0	E74
.....uacccugaagauccgAgcuuuug.....	1	1	E74
.....uacccugaagauccgggcuuuuU.....	9	1	E74
.....uacccugaagauccgggcuuuug.....	94	0	E74
.....uacccugaagauccgggcuuuuA.....	2	1	E74
.....uacccugaaUauccgggcuuuug.....	1	1	E74
.....uaGccugaagauccgggcuuuugu.....	2	1	E74
.....uacccugaagauccggAgcuuuugu.....	2	1	E74
.....uaAccugaagauccgggcuuuugu.....	6	1	E74
.....uacccugaagauccgggcuuAugu.....	5	1	E74
.....uacccugaagauccgggcuuuuAu.....	1	1	E74
.....uacccugaagauccgggUuuugu.....	1	1	E74
.....uacccugaagauccgggcuuGugu.....	2	1	E74
.....uGcccuugaagauccgggcuuuugu.....	1	1	E74
.....uacccugaagauccgggcuuuuUu.....	4	1	E74
.....uacccugaagauccgggcUuuugu.....	2	1	E74
.....uacccugaagauccgggcuCuugu.....	1	1	E74
.....uacccugaUgaucgggcuuuugu.....	1	1	E74
.....uacccugaagauccgggcuuuugA.....	22	1	E74
.....uacccugGagauccgggcuuuugu.....	1	1	E74
.....uacccugaagauccgggcuuuugG.....	2	1	E74
.....uUcccuugaagauccgggcuuuugu.....	1	1	E74
.....uacccCgaagauccgggcuuuugu.....	1	1	E74
.....uaUccugaagauccgggcuuuugu.....	1	1	E74
.....uacccugaagauccgggcuuCuugu.....	2	1	E74
.....uacAcugaagauccgggcuuuugu.....	1	1	E74
.....Cacccugaagauccgggcuuuugu.....	2	1	E74
.....uacccugaagauccgggcuuuugC.....	2	1	E74
.....uacccugaagauccgggcUuuugu.....	3	1	E74
.....uaccGugaagauccgggcuuuugu.....	3	1	E74
.....uacccugaagaGccgggcuuuugu.....	1	1	E74
.....uacccugaagauccAggcuuuugu.....	2	1	E74
.....uacccuUaagauccgggcuuuugu.....	1	1	E74
.....uacccugaagauUcgggcuuuugu.....	1	1	E74
.....uacccugaagauccgggcAuuugu.....	5	1	E74
.....uacccugaagauccgggcuuuugu.....	2738	0	E74
.....uaccAugaagauccgggcuuuugu.....	2	1	E74
.....uacccugaagauccgggcuuuugAa.....	1	1	E74
.....uacccugaagauccgggcuuuuguU.....	19	1	E74

## Mature

## Star

uuuauaggcacaucgcgugaucuacccugaagauccgggcuuuuguaguguuguuaucaacagaagcucgucucuaacagguaucucacggcuggaagagaaacaacugcacaaaug

.....uacccugaagauccgggcuuuugua.....	37	0	E74
.....uacccugaagauccgggcuuuuguaA.....	6	1	E74
.....uacccugaagauccgggcuuuuguaU.....	4	1	E74
.....uacccugaagauccgggcuuuuguaUu.....	1	1	E74
.....uacccugaagauccgggcuuuuguagugu.....	1	0	E74
.....uacccugaagauccgggcuuuuguaguguuguaucaac.....	2	0	E74
.....accugaagauccgggcu.....	2	0	E74
.....accugaagauccgggcuu.....	2	0	E74
.....accugaagauccgggcuuu.....	2	0	E74
.....accugaagauccgggcuuuu.....	12	0	E74
.....accugaagauccgggcuuuug.....	35	0	E74
.....accGgaagauccgggcuuuug.....	1	1	E74
.....accugaagauccgggcuAuugu.....	3	1	E74
.....accugaagauccgggcuuuugu.....	875	0	E74
.....Gccugaagauccgggcuuuugu.....	1	1	E74
.....accGugaagauccgggcuuuugu.....	1	1	E74
.....accGgaagauccgggcuuuugu.....	3	1	E74
.....accGuUaagauccgggcuuuugu.....	1	1	E74
.....acUcugaagauccgggcuuuugu.....	4	1	E74
.....acGcugaagauccgggcuuuugu.....	1	1	E74
.....accAugaagauccgggcuuuugu.....	1	1	E74
.....accCGaagauccgggcuuuugu.....	3	1	E74
.....accugaagauccgAgcuuuugu.....	2	1	E74
.....aUccugaagauccgggcuuuugu.....	1	1	E74
.....accAGaagauccgggcuuuugu.....	1	1	E74
.....accugaUgaucgggcuuuugu.....	1	1	E74
.....acAcugaagauccgggcuuuugu.....	1	1	E74
.....accugaagauccgggcuuuAGu.....	2	1	E74
.....accUugaagauccgggcuuuugu.....	1	1	E74
.....accugaagauccgggcuuuugA.....	7	1	E74
.....accugaagauccgggcuuuuguU.....	4	1	E74
.....accugaagauccgggcuuuugua.....	10	0	E74
.....accugaagauccgggcuuuugAa.....	1	1	E74
.....accugaagauccgggcuuuuguaU.....	1	1	E74
.....accugaagauccgggcuuuuguaguguuguaucaac.....	1	0	E74
.....cccuagaauccgggcuuuugu.....	1	0	E74
.....cccuagaauccgggcuuuuguU.....	3	1	E74
.....cugaagauccgggcuuuugu.....	1	0	E74
.....ugaagauccgggcuuuugu.....	1	0	E74
.....agaagcucgucucuaacaggu.....	2	0	E74
.....agaagcucgucucuaacagguau.....	3	0	E74
.....agaagcucgucucuaacagguauc.....	41	0	E74
.....agaagcucgucucCacagguauc.....	1	1	E74
.....gaagcucgucucuaacaggu.....	9	0	E74
.....gaagcucgucucuaacaggua.....	25	0	E74
.....gaagcucgucucuaacagguau.....	5	0	E74
.....gaagAucgucucuaacagguauc.....	1	1	E74
.....gaagcucgucucuaacaggGauc.....	1	1	E74
.....gaagcucgucucuaacagguauc.....	136	0	E74
.....gaGcucgucucuaacagguauc.....	1	1	E74
.....gaagcucgucucuaacaggCauc.....	1	1	E74
.....gaagcucgucucuaacagguaucu.....	41	0	E74
.....uacccugaagauccgggcuuu.....	1	0	A62
.....uacccugaagauccgggcuuuu.....	7	0	A62
.....uacccugaagauccgggcuuuug.....	8	0	A62
.....uacccugaagauccgggcuuuCGu.....	1	1	A62
.....uacccugaagauccgggcuuuugu.....	94	0	A62
.....uacccugaaAaucgggcuuuugu.....	1	1	A62
.....uacccugaagauccgggcuuuugua.....	3	0	A62
.....uacccugaagauccgggcuuuuguU.....	1	1	A62
.....uacccugaagauccgggcuuuuguaU.....	1	1	A62
.....accugaagauccgggcuuuu.....	1	0	A62
.....acGcugaagauccgggcuuuugu.....	1	1	A62
.....accugaagauccgggcuuuugu.....	22	0	A62
.....gaagcucgucucuaacaggu.....	1	0	A62
.....gaagcucgucucuaacagguauc.....	4	0	A62
.....gaagcucgucucuaacagguaucu.....	1	0	A62
.....aucuacccugaagauccgggcu.....	2	0	E72

Star

.....ucucccugaagauccgggcuuuuU.....  
.....cuaccucugaagauccgggcuuu.....  
.....cuaccucugaagauccgggcuuuu.....  
.....cuaccucugaagauccgggcuuuugu.....  
.....uaccucugaagauccgggc.....  
.....uaccucugaagauccgggcu.....  
.....uaccucugaagauccgggcuu.....  
.....uaccucugaagauccggUcuuu.....  
.....uaccucugaagauccgggcuuu.....  
.....uaccucugaagauccggAcuuuu.....  
.....uaccucugaagauccgggcuuuu.....  
.....uaccucugaagauccggUgcuuuu.....  
.....uaccucugaagauccgggcuuGu.....  
.....uaccucugaagauccggUcuuuug.....  
.....uaccucugaagauccgggcuuuuU.....  
.....uaccucugaagauccgggcuuuug.....  
.....uaAccucugaagauccgggcuuuug.....  
.....uaccucugaGgauccgggcuuuugu.....  
.....Caccucugaagauccgggcuuuugu.....  
.....uaAccucugaagauccgggcuuuugu.....  
.....uaccucugaagauccgggcCuuuugu.....  
.....uUccucugaagauccgggcuuuugu.....  
.....uaccucugaagauccggUcuuuugu.....  
.....uaccucugaagauccgggcuuuAgu.....  
.....uaccucugaagauUccgggcuuuugu.....  
.....uaccucugaagauccgggcuuuAgu.....  
.....uaccucugaagauccgggcuuCu.....  
.....uaccucugaagauccgggcGuuuugu.....  
.....uaccucugaagauccgggcAuuuugu.....  
.....uaccucugaagauccgggUuuuuugu.....  
.....uaccucugaagauccgggAuuuugu.....  
.....uaccucugaagauccggUgcuuuugu.....  
.....uacGcuugaagauccgggcuuuugu.....  
.....uaccucugaagauccggCcuuuugu.....  
.....uaccucugaagauccgggcuuuugG.....  
.....uaccucugaagauccgggcuuuGgu.....  
.....uacccCGaagauccgggcuuuugu.....  
.....uaccucugaagauccgggcuuuugA.....  
.....uaccucugaagauUggggcuuuugu.....  
.....uaccucugaaCauccgggcuuuugu.....  
.....uaccucugaagauccAggcuuuugu.....  
.....uaccucugaagauccgAgcuuuugu.....  
.....uaccucugaagauccgggcuuuugu.....  
.....uaGccugaagauccgggcuuuugu.....  
.....uaccucugaagauccggAcuuuuugu.....  
.....uaccucugaagauccgggcuuCu.....  
.....uaccucugaagauccgggcGuuugu.....  
.....uaccucugaagauccgggcuAuugu.....  
.....uaccucugaagauccUggcuuuugu.....  
.....uaccucugaagauccgggcuuuuguU.....  
.....uaccucugaagauccggUcuuuugua.....  
.....uaccucugaagauccgggcuuuugua.....  
.....uaccucugaagauccgggcuuCuqua.....  
.....uaccucugaagauccgggcuuuuguaA.....  
.....uaccucugaagauccgggcuuuuguaU.....  
.....uaccucugaagauccgggcuuuuguaguguuquuaucaac.....  
.....accucugaagauccgggcuuu.....  
.....accucugaagauccgggcuuuu.....  
.....accucugaagauccggUcuuuug.....  
.....accucugaagauccgggcuuuug.....  
.....accucugaagauccgggAuuuug.....  
.....accucugaagauGgggcuuuugu.....  
.....accucugaagauccgggcuAuugu.....  
.....accucugaagauccgggcuuuAgu.....  
.....accucugaagauccgggcuuuuUu.....  
.....accucugaCgauccgggcuuuugu.....  
.....accucugaagauccgggcuuuuCu.....  
.....accucugaagauccUggcuuuugu.....  
.....accucugaagauccgggcuuCu.....  
.....accucugaagauccgggcuuuugA.....

## Mature

## Star

uuuauaggcacaucgugaucuacccugaagauccgggcuuuuguaguguuguuaucaacagaagcucgucucuacagguaucucacggcuggaagagaaacaacugcacaaaug

.....accugaagauccgggUuuuuu.....	2	1	E72
.....accugaagauccgggUuuuuu.....	1	1	E72
.....accugaagauccgggcuuuugu.....	787	0	E72
.....accugaagauccgggcuuuuAu.....	1	1	E72
.....acGcugaagauccgggcuuuugu.....	2	1	E72
.....accugaagauccUgggcuuuugu.....	1	1	E72
.....accugaagauccgggcuuuugua.....	11	0	E72
.....accugaagauccgggcuuuuguU.....	9	1	E72
.....accugaagauccgggcuuuuguAA.....	2	1	E72
.....accugaagauccgggcuuuuguAU.....	1	1	E72
.....cccuagaagauccgggcUuuugu.....	1	1	E72
.....cccuagaagauccgggcuuuugu.....	4	0	E72
.....agaagcucgucucuacagg.....	1	0	E72
.....agaagcucgucucuacagguau.....	3	0	E72
.....agaagcucgucucuacagguau.....	47	0	E72
.....agaagcucgucucuacagCuau.....	1	1	E72
.....gaagcucgucucuacaggu.....	8	0	E72
.....gaGgcucgucucuacaggu.....	1	1	E72
.....gaagcucgucucuacaggu.....	16	0	E72
.....gaagcucgucucuacagguau.....	2	0	E72
.....gaagcucgucucuacagguAG.....	1	1	E72
.....gaagcucgucucuacaAGuau.....	1	1	E72
.....gaagcucgucucuacagguau.....	91	0	E72
.....gaagcucgucucuacagguauCu.....	26	0	E72
.....gaagcucgucucuacagguauCG.....	1	1	E72
.....uacagggcuggaagagaaacaacugcaca.....	1	0	E72
.....aucuacccugaagauccgggcuu.....	2	0	E73
.....aucuacccugaagauccgggcuu.....	1	0	E73
.....cuacccugaagauccgggcuuuugu.....	5	0	E73
.....uacccugaagauccgggc.....	1	0	E73
.....uacccugaagauccgggcu.....	8	0	E73
.....uacccugaagauccgUgc.....	1	1	E73
.....uacccugaagauccgggcuu.....	9	0	E73
.....uacccugaagauccgggcuuu.....	89	0	E73
.....uacccugaagauccgggcAu.....	2	1	E73
.....uacccugCagauccgggcuuu.....	1	1	E73
.....uacCGugaagauccgggcuuu.....	1	1	E73
.....uaGccugaagauccgggcuuu.....	1	1	E73
.....uacCAugaagauccgggcuuu.....	1	1	E73
.....uacccugaagauccgggcUuu.....	1	1	E73
.....uacccugaagauccgggUuuu.....	1	1	E73
.....uacccugaagauccgggcUuuug.....	1	1	E73
.....uacccugaagauccgggcuuuU.....	2	1	E73
.....uacccugaagauccgggcuuuuC.....	1	1	E73
.....uacccugaagauccgggcuuuug.....	65	0	E73
.....uacccugaagauccUggcuuuugu.....	1	1	E73
.....uacccugaagauccgAgcuuuugu.....	3	1	E73
.....uacccugaagauccggACuuuuugu.....	2	1	E73
.....uacccugaCGauccgggcuuuugu.....	1	1	E73
.....uacccugaagauccgggcUuuugu.....	1	1	E73
.....uacccugCagauccgggcuuuugu.....	1	1	E73
.....uacccugaagauccAggcuuuugu.....	1	1	E73
.....uacccugaGgauccgggcuuuugu.....	1	1	E73
.....uacCAugaagauccgggcuuuugu.....	1	1	E73
.....uacccugaagauccgggcuuAu.....	1	1	E73
.....uacccugaagauccgggcAuuuugu.....	1	1	E73
.....uacccugaagauccgggcuuuuUu.....	2	1	E73
.....uacccugaagauccgggcuuuuAu.....	3	1	E73
.....uaUccugaagauccgggcuuuugu.....	1	1	E73
.....uacccugaagauccgggcuuuuCu.....	1	1	E73
.....uacCUugaagauccgggcuuuugu.....	5	1	E73
.....uacccugaagauccAggcuuuugu.....	2	1	E73
.....uacccugaagauccgggcuuuuGA.....	25	1	E73
.....uacccugaagauccgggcuuuugu.....	1	1	E73
.....uacCGugaagauccgggcuuuugu.....	1908	0	E73
.....uacCUugaagauccgggcuuuugu.....	1	1	E73
.....uacCAugaagauccgggcuuuugu.....	1	1	E73
.....uaGccugaagauccgggcuuuugu.....	2	1	E73
.....uaAuccugaagauccgggcuuuugu.....	4	1	E73



## Mature

## Star

uuuauaggcacaucgugauc <u>uacccugaagauccgggcuuuu</u> guaguguuguuaucaacagaagcucgucucua <u>cagguauc</u> ucacggcuggaagagaaacaacugcacaaaug			
.....uacccugaagauccgggcuuuu <u>gAa</u> .....	1	1	E73
.....uacccugaagauccgggcuuuu <u>gua</u> .....	23	0	E73
.....uacccugaagauccgggcuuuu <u>gU</u> .....	15	1	E73
.....uacccugaagauccgggcuuuu <u>guaA</u> .....	6	1	E73
.....uacccugaagauccgggcuuuu <u>guaU</u> .....	3	1	E73
.....accugaagauccgggcu.....	1	0	E73
.....accugaagauccgggcuuu.....	2	0	E73
.....accugaagauccgAgcuuuu.....	1	1	E73
.....accugaagauccgggcuuu.....	7	0	E73
.....accugaagauccUggcuuuu <u>g</u> .....	1	1	E73
.....accugaagauccgggcuuuu <u>U</u> .....	1	1	E73
.....accugaagauccgggcuuuu <u>g</u> .....	23	0	E73
.....acAcugaagauccgggcuuuu <u>g</u> .....	3	1	E73
.....accugaagauccgggcuuuA <u>g</u> .....	2	1	E73
.....accugaagauccgCgcuuu <u>g</u> .....	1	1	E73
.....accugaagauccgggcuuuuCu.....	1	1	E73
.....accugaagauccgUgcuuu <u>g</u> .....	1	1	E73
.....accugaagauccgggGuuu <u>g</u> .....	1	1	E73
.....accCgaagauccgggcuuuu <u>g</u> .....	1	1	E73
.....accugaagauccgggcuAuu <u>g</u> .....	1	1	E73
.....accugaagauccgggcuGuu <u>g</u> .....	4	1	E73
.....acGcugaagauccgggcuuuu <u>g</u> .....	1	1	E73
.....aUccugaagauccgggcuuuu <u>g</u> .....	1	1	E73
.....accugaagauccgggcuuuu <u>g</u> .....	709	0	E73
.....accCgaagauccgggcuuuu <u>g</u> .....	1	1	E73
.....accugaagauccgggcuuuuA.....	6	1	E73
.....accugaagauccgggcuuuu <u>gua</u> .....	6	0	E73
.....accugaagauccgggcuuuu <u>gU</u> .....	5	1	E73
.....accugaagauccgggcuuuu <u>guaA</u> .....	3	1	E73
.....cugaagauccgggcuuuu.....	1	0	E73
.....cugaagauccgggcuuuuA.....	1	1	E73
.....acagaagcucgucucua <u>cagg</u> u.....	1	0	E73
.....agaagcucgucucua <u>cagg</u> u.....	3	0	E73
.....agaagcucgucucua <u>cagg</u> ua.....	3	0	E73
.....agaagcucgucucua <u>cagg</u> ua <u>u</u> .....	1	0	E73
.....agaagcucgucucua <u>cagg</u> ua <u>c</u> .....	24	0	E73
.....agaagcucgucucua <u>cagg</u> ua <u>c</u> u.....	2	0	E73
.....gaagcucgucucua <u>cagg</u> u.....	10	0	E73
.....gaagcucgucucua <u>cagg</u> ua.....	12	0	E73
.....gaagcucgucucua <u>cagg</u> ua <u>u</u> .....	5	0	E73
.....gaaUcucgucucua <u>cagg</u> ua <u>c</u> .....	1	1	E73
.....gaagcucgucucU <u>cagg</u> ua <u>c</u> .....	1	1	E73
.....gaagcucgucucua <u>cagg</u> ua <u>c</u> .....	69	0	E73
.....gaagcuUgucucua <u>cagg</u> ua <u>c</u> .....	1	1	E73
.....gaagcucgucucua <u>cagg</u> ua <u>c</u> u.....	26	0	E73
.....uacccugaagauccgggcuuu.....	1	0	A13
.....uacccugaagauccgggcuuu.....	6	0	A13
.....uacccugaagauccgggcuuuu <u>g</u> .....	1	0	A13
.....uacccugaagauccggUcuuuu <u>g</u> .....	1	1	A13
.....uacccugaagauccgggcuuuuA.....	1	1	A13
.....uacccugaagauccgggcuuuu <u>g</u> .....	72	0	A13
.....uacccugaagauccgggcuuC <u>g</u> u.....	1	1	A13
.....uacccugaagauccgggcuuuu <u>gU</u> .....	1	1	A13
.....accugaagauccgggcuuu.....	1	0	A13
.....accugaagauccgggcuuuuA.....	1	1	A13
.....acAcugaagauccgggcuuuu <u>g</u> .....	1	1	A13
.....accugaagauccgggcuuuA <u>g</u> .....	1	1	A13
.....accugaagauccgggcuuuu <u>g</u> .....	32	0	A13
.....accugaagauccgggcuuuu <u>gua</u> .....	1	0	A13
.....gaagcucgucucua <u>cagg</u> ua <u>u</u> .....	1	0	A13
.....gaagcucgucucua <u>cagg</u> ua <u>c</u> .....	3	0	A13
.....gaagcucgucucua <u>cagg</u> ua <u>c</u> u.....	1	0	A13
.....cuacccugaagauccgggcuuu.....	1	0	A51
.....uacccugaagauccgggcu.....	2	0	A51
.....uacccugaagauccgggcu.....	2	0	A51
.....uacccugaagauccgggcuuu.....	9	0	A51
.....uacccugaagauccgggcuuuu <u>g</u> .....	3	0	A51
.....uacccugaagauccgggcuuuuA.....	1	1	A51

## Mature

## Star

uuuauaggcacaucgugauc <u>uacccugaagauc</u> ccgggcuuuuuguaguguuguuaucaacagaagcucgucucua <u>cagguauc</u> ucacggcuggaagagaaacaacugcacaaaug			
.....uacccugaagauc <u>ccgggcu</u> Guugu.....	1	1	A51
.....uacccugaagauc <u>ccgggcuuuu</u> GA.....	1	1	A51
.....uacccugaagauc <u>ccgggAuuu</u> ugu.....	1	1	A51
.....uacccugaagauc <u>ccgggcuuuu</u> gu.....	37	0	A51
.....uacccugaagauc <u>ccgggcuuuu</u> guaU.....	1	1	A51
.....accugaagauc <u>ccgggcuuuu</u> .....	1	0	A51
.....accugaagauc <u>ccgggcuuuu</u> gu.....	21	0	A51
.....accugaagauc <u>ccgggcuuuu</u> guaA.....	1	1	A51
.....agaagcucgucucua <u>cagguauc</u> .....	1	0	A51
.....gaagcucgucucua <u>caggua</u> .....	1	0	A51
.....gaagcucgucucua <u>caggua</u> u.....	2	0	A51
.....gaagcucgucucua <u>cagguauc</u> .....	2	0	A51
.....gaagcucgucucua <u>cagguauc</u> u.....	1	0	A51
.....cuacccugaagauc <u>ccgggcuuuu</u> gu.....	1	0	B12
.....uaccGugaagauc <u>ccgggcuuuu</u> .....	1	1	B12
.....uacccugaagauc <u>ccgggcuuuu</u> g.....	5	0	B12
.....uacccugaagauc <u>ccgggcuuuu</u> Au.....	1	1	B12
.....uacccugaagauc <u>ccgggcuu</u> Augu.....	1	1	B12
.....uacccugaagauc <u>ccgggcuuu</u> Augu.....	1	1	B12
.....uacccugaagauc <u>ccgggcuuu</u> Uu.....	2	1	B12
.....uacccugaagauc <u>ccgggcuuuu</u> gu.....	93	0	B12
.....uacccugaagauc <u>ccgggcuuuu</u> guU.....	2	1	B12
.....uacccugaagauc <u>ccgggcuuuu</u> guG.....	1	1	B12
.....uacccugaagauc <u>ccgggcuuuu</u> gua.....	3	0	B12
.....accugaagauc <u>ccgggcuuuu</u> .....	1	0	B12
.....accugaagauc <u>ccgggcuuuu</u> g.....	2	0	B12
.....accugaagauc <u>ccgggcuuuu</u> gu.....	19	0	B12
.....accugaagauc <u>ccggA</u> cuuuuugu.....	1	1	B12
.....gaagcucgucucua <u>caggua</u> .....	2	0	B12
.....gaagcucgucucua <u>cagguauc</u> .....	3	0	B12
.....cuacccugaagauc <u>ccgggcu</u> .....	1	0	E02
.....cuacccugaagauc <u>ccgggcuuuu</u> GA.....	2	1	E02
.....cuacccugaagauc <u>ccgggcuuuu</u> Uu.....	1	1	E02
.....cuacccugaagauc <u>ccgggcuuuu</u> gu.....	10	0	E02
.....uacccugaagauc <u>ccgggc</u> .....	1	0	E02
.....uacccugaagauc <u>ccgggcu</u> .....	6	0	E02
.....uacccugaagauc <u>ccgggcuu</u> .....	2	0	E02
.....uacccugaagauc <u>ccgggcuuu</u> .....	9	0	E02
.....uacccugaagauc <u>ccggU</u> cuuuu.....	1	1	E02
.....uacccugaagauc <u>ccgggcuuuu</u> .....	88	0	E02
.....uacccugaagauc <u>ccgggcu</u> Guug.....	1	1	E02
.....uacccugaagauc <u>ccgggcuuuu</u> U.....	1	1	E02
.....uacccugaagauc <u>ccgggcuuuu</u> g.....	96	0	E02
.....uacccugaagauc <u>ccgggcuuu</u> Gg.....	2	1	E02
.....uacccugaagauc <u>ccgggcuu</u> Gug.....	1	1	E02
.....uacccugaa <u>U</u> auc <u>ccgggcuuuu</u> gu.....	1	1	E02
.....uacccugaagauc <u>ccgA</u> gcuuuuugu.....	1	1	E02
.....uacccugaagauc <u>ccgggcuuuu</u> Uu.....	1	1	E02
.....uacccugaagauc <u>ccgggAuuu</u> ugu.....	1	1	E02
.....uacccugaagauc <u>Ugggcuuuu</u> gu.....	1	1	E02
.....uacccugaagauc <u>ccgggcu</u> Guugu.....	2	1	E02
.....uacccugaagauc <u>ccgggcuuuu</u> gu.....	1909	0	E02
.....uacccugaagauc <u>Uggcuuuu</u> gu.....	1	1	E02
.....uacccugaagauc <u>ccgggcuuu</u> Cgu.....	4	1	E02
.....Aacccugaagauc <u>ccgggcuuuu</u> gu.....	1	1	E02
.....uacccuUaagauc <u>ccgggcuuuu</u> gu.....	1	1	E02
.....uacccCgaagauc <u>ccgggcuuuu</u> gu.....	1	1	E02
.....uacccugaagauc <u>ccggC</u> cuuuuugu.....	7	1	E02
.....uacccugaagauc <u>ccgggcuu</u> Augu.....	3	1	E02
.....uacccugaagauc <u>ccgggcAuuu</u> ugu.....	2	1	E02
.....Cacccugaagauc <u>ccgggcuuuu</u> gu.....	1	1	E02
.....uacccugaagauc <u>ccgggc</u> Guugu.....	4	1	E02
.....uacccugaagauc <u>ccggU</u> cuuuuugu.....	3	1	E02
.....uacccAgaagauc <u>ccgggcuuuu</u> gu.....	1	1	E02
.....uaccUgaagauc <u>ccgggcuuuu</u> gu.....	1	1	E02
.....uacccugGagauc <u>ccgggcuuuu</u> gu.....	2	1	E02
.....uacccugaagauc <u>ccgggcuu</u> Gugu.....	2	1	E02
.....uacccugaagauc <u>ccgC</u> cuuuuugu.....	2	1	E02

## Mature

## Star

uuuauaggcacaucgugaucuacccugaagauccgggcuuuuguaguguuguuaucaacagaagcucgucucuacagguaucucacggcuggaagagaaacaacugcacaaaug

.....uacccugaagauccgggcuuuGgu.....	1	1	E02
.....uacccugaagauccCggcuuuugu.....	1	1	E02
.....uacccuCaagauccgggcuuuugu.....	1	1	E02
.....uacccugaagauccgggcuuuuG.....	3	1	E02
.....uacccugaagauccggGAcuuuuugu.....	6	1	E02
.....uacccugCagauccgggcuuuugu.....	1	1	E02
.....uacccugaagauccgggcuCuugu.....	1	1	E02
.....uacccugaagauccgggcuuuuGC.....	1	1	E02
.....uacccugaagauccAgggcuuuugu.....	1	1	E02
.....uacccugaagauccgggcuAuugu.....	2	1	E02
.....uacccugaagauccgggcCuugu.....	1	1	E02
.....uacccugaagauccgggcuuuugu.....	1	1	E02
.....uUccugaagauccgggcuuuugu.....	1	1	E02
.....uaAccugaagauccgggcuuuugu.....	5	1	E02
.....uacccugaagauccgggcuuuuguU.....	12	1	E02
.....uacccugaagauccgggcuuuugua.....	18	0	E02
.....uacccugaagauccgggcuuuuguaU.....	5	1	E02
.....uacccugaagauccgggcuuuuguaA.....	3	1	E02
.....uacccugaagauccgggcuuuuguaAu.....	1	1	E02
.....accugaagauccgggcuuu.....	1	0	E02
.....accugaagauccgggcuuu.....	5	0	E02
.....accugaagauccgggcuAuug.....	1	1	E02
.....accugaagauccgggcuuuug.....	37	0	E02
.....accugaagauccgggcuuuuU.....	1	1	E02
.....accugaagauccgggcuuuugu.....	1	1	E02
.....accugaagauccgggAuuuugu.....	1	1	E02
.....accugaagauccgggcuCuugu.....	1	1	E02
.....accugaagauccgggUuuugu.....	3	1	E02
.....accugaagGuccgggcuuuugu.....	1	1	E02
.....accugaagauccgggcuuuGgu.....	2	1	E02
.....accugaagauccgggcuuuAu.....	2	1	E02
.....accugaagauccgggcuuuCu.....	1	1	E02
.....accugaagauccgggcuAuugu.....	1	1	E02
.....aAccugaagauccgggcuuuugu.....	1	1	E02
.....accugaagauccgggcuuuuGC.....	1	1	E02
.....accugaagauccgggcuuuuU.....	1	1	E02
.....accugaagauccgggcuuuugu.....	579	0	E02
.....accugaagauccgggcuuGugua.....	1	1	E02
.....accugaagauccgggUuuugua.....	1	1	E02
.....accugaagauccgggcuuuuguU.....	3	1	E02
.....accugaagauccgggcuuuugua.....	7	0	E02
.....accugaagauccgggcuuuuguaA.....	1	1	E02
.....ccugaagauccgggcuuuugu.....	1	0	E02
.....ccugaagauccgggcuuuuguU.....	1	1	E02
.....ccugaagauccgggcuuuugu.....	1	0	E02
.....cugaagauccgggcuuuugu.....	3	0	E02
.....agaagcucgucucua <u>cagguauc</u> .....	22	0	E02
.....agaagcucgucucua <u>cagguauc</u> .....	1	0	E02
.....gaagcucgucucua <u>cagg</u> .....	1	0	E02
.....gaagcucgucucua <u>caggu</u> .....	8	0	E02
.....gaagcucgucucua <u>cagguC</u> .....	1	1	E02
.....gaagcucgucucua <u>caggua</u> .....	13	0	E02
.....gaagcucgucucua <u>caggua</u> .....	5	0	E02
.....gaagcucgucucua <u>cagguauc</u> .....	55	0	E02
.....gaagcucgucucua <u>cagguauc</u> .....	55	0	E02
.....gaagcucgucucua <u>cagguaucU</u> .....	2	1	E02
.....uacccugaagauccgggcuuuug.....	1	0	B14
.....uacccugaagauccgggcuuuugu.....	32	0	B14
.....accugaagauccgggcuuuugu.....	11	0	B14
.....accuUaagauccgggcuuuugu.....	1	1	B14
.....agaagcucgucucua <u>cagguauc</u> .....	2	0	B14
.....gaagcucgucucua <u>cagguauc</u> .....	3	0	B14
.....gaagcucgucucua <u>cagguauc</u> .....	3	0	B14
.....uacccugaagauccgggcuuu.....	3	0	A64
.....uacccugaagauccgggcuuu.....	7	0	A64
.....uacccugaagauccgggcuuuug.....	1	0	A64
.....uacccugaagauccgggcuuuuG.....	1	1	A64
.....uacccugaagauccgggcAuugu.....	1	1	A64

## Mature

## Star

uuuauaggcacaucgugaucuacccugaagauccgggcuuuuguaguguuguuaucaacagaagcucgucucuacagguaucucacggcuggaagagaaacaacugcacaaaug

.....uacccugaagauccgggcuuuuugC.....	1	1	A64
.....uacccugaagauccgggcuuuuugu.....	57	0	A64
.....uacccugaagauccgggcuuuugu.....	1	0	A64
.....accugaagauccgggcuuu.....	1	0	A64
.....accugaagauccgggcuuuug.....	2	0	A64
.....accugaagauccgggcuuuugu.....	16	0	A64
.....accAugaagauccgggcuuuugu.....	1	1	A64
.....accugaagauccgggcuuuuugA.....	1	1	A64
.....accugaagauccgggcuuuuuguU.....	1	1	A64
.....agaagcucgucucuacagguauC.....	1	0	A64
.....gaagcucgucucuacagguau.....	1	0	A64
.....gaagcucgucucuacagguauC.....	1	1	A64
.....gaagcucgucucuacagguauC.....	1	0	A64
.....gaagcucgucucuacagguauC.....	3	0	A64
.....uacccugaagauccgggcuuu.....	1	0	T71
.....uacccugaagauccgggcuuu.....	4	0	T71
.....uacAaugaagauccgggcuuu.....	1	1	T71
.....uacccugaagauccgggcuuuug.....	3	0	T71
.....uacccugaagauccgggcuuuuugu.....	91	0	T71
.....uacccugaagauccgggcUuuugu.....	1	1	T71
.....uacccugaagauccgggcuuuUu.....	2	1	T71
.....uacccugaagauccgggcuuuuuguU.....	1	1	T71
.....uacccugaagauccgggcuuuuugua.....	1	0	T71
.....uacccugaagauccgggcuuuuuguaA.....	2	1	T71
.....accugaagauccgggcuuu.....	1	0	T71
.....accugaagauccgggcuuuug.....	1	0	T71
.....accugaagauccgggcuuuugu.....	22	0	T71
.....agaagcucgucucuacagguau.....	1	0	T71
.....agaagcucgucucuacagguauC.....	1	0	T71
.....gaagcucgucucuacagguau.....	1	0	T71
.....gaagcucgucucuacagguau.....	1	0	T71
.....cuacccugaagauccgggcuuuugu.....	2	0	H34
.....cuacUcugaagauccgggcuuuugu.....	1	1	H34
.....cuacccugaagauccgggcuuuuugua.....	1	0	H34
.....uacccugaagauccgggc.....	2	0	H34
.....uacccugaagauccgggcu.....	5	0	H34
.....uacccugaagauccgggcu.....	18	0	H34
.....uacccugaagauccgggcCuu.....	1	1	H34
.....uacccugaagauccgggcuuu.....	185	0	H34
.....uaccGugaagauccgggcuuu.....	1	1	H34
.....uacccugaagauccgggAcuuuug.....	1	1	H34
.....uacccugaagauccgggcuuuuug.....	109	0	H34
.....uacccugaagauccgggcuuuuugC.....	1	1	H34
.....uacccugaagauccgggcuuuuU.....	2	1	H34
.....uaccUugaagauccgggcuuuug.....	1	1	H34
.....uacccugaagaAccgggcuuuugu.....	1	1	H34
.....uacccugaagauccgggcCuuugu.....	4	1	H34
.....uacccugaGgaucgggcuuuuugu.....	2	1	H34
.....uacccugaagauccgggAuuuugu.....	1	1	H34
.....uacccugaagauccggCcuuuugu.....	1	1	H34
.....uacccugaaUaucgggcuuuugu.....	1	1	H34
.....uacccugaagauccgggcuuuuugC.....	2	1	H34
.....uacccugaagauccgggcuuAugu.....	2	1	H34
.....uaGccugaagauccgggcuuuuugu.....	3	1	H34
.....uacccugaagauccgggcuuuuugu.....	1	1	H34
.....uaccUugaagauccgggcuuuuugu.....	2	1	H34
.....uacccugaagauccgggAcuuuugu.....	3	1	H34
.....uaccAugaagauccgggcuuuuugu.....	3	1	H34
.....uacccugCagaucgggcuuuuugu.....	1	1	H34
.....uaAccugaagauccgggcuuuuugu.....	2	1	H34
.....uacccugaagauccAggcuuuuugu.....	3	1	H34
.....uacccugaagauccgggAuuuugu.....	5	1	H34
.....uacccugaagauccUggcuuuuugu.....	2	1	H34
.....uacccugaagauccgggcuuuuugC.....	2	1	H34
.....uacccugaagauccgggUuuuugu.....	4	1	H34
.....uacccugaagauccgggcuuuUu.....	4	1	H34
.....uacccuUaagauccgggcuuuuugu.....	1	1	H34
.....uaccGugaagauccgggcuuuuugu.....	2	1	H34

## Mature

## Star

uuuauaggcacaucgugaucuacccugaaagauccggggcuuuuguaguguuguuaucaacagagaagcucgucucuaacagguaucucacggcuggaagagaaacaacugcacaaaug			
.....uacccugaagauccggggcuAuugu.....	1	1	H34
.....uacAcugaagauccggggcuuuugu.....	3	1	H34
.....uacccugaagauccggggcGuuugu.....	2	1	H34
.....uacccugaagauccgUgcuuugu.....	3	1	H34
.....uacccugaagauccggggcuuuugA.....	36	1	H34
.....uacccugaagauccggggcuuuugu.....	2485	0	H34
.....uacccugGagauccggggcuuuugu.....	1	1	H34
.....uacccugaagauccCggcuuuugu.....	1	1	H34
.....uacccugaagauccgCgcuuugu.....	1	1	H34
.....uacccugaagauccggggcuuuugAa.....	3	1	H34
.....uacccugaagauccggggcuuuuguU.....	39	1	H34
.....uacccugaagauccggggcuuuuguA.....	48	0	H34
.....uacccugaagauccggggcuuAugua.....	1	1	H34
.....uacccugaagauccggggcuuuuguag.....	1	0	H34
.....uacccugaagauccggggcuuuuguAa.....	23	1	H34
.....uacccugaagauccggggcuuuuguAU.....	6	1	H34
.....uacccugaagauccggggcuuuuguAU.....	2	1	H34
.....uacccugaagauccggggcuuuuguAA.....	2	1	H34
.....accugaagauccggggcu.....	1	0	H34
.....accugaagauccggggcuuu.....	2	0	H34
.....accugaagauccggggcuuu.....	12	0	H34
.....accugaagauccggggcuAuug.....	1	1	H34
.....accugaagauccggggcuuuug.....	54	0	H34
.....accCGaagauccggggcuuuug.....	1	1	H34
.....accugaagauccggggcuuuuA.....	1	1	H34
.....accugaagauccggggcuuuuU.....	1	1	H34
.....accugaagauccggggcGuugu.....	1	1	H34
.....accugaagauccggggcuuuUu.....	1	1	H34
.....accAGaagauccggggcuuuugu.....	2	1	H34
.....acUcugaagauccggggcuuuugu.....	1	1	H34
.....accugaagauccggggcuuuugu.....	714	0	H34
.....Uccugaagauccggggcuuuugu.....	1	1	H34
.....accugaagauccUggcuuuugu.....	1	1	H34
.....accAugaagauccggggcuuuugu.....	1	1	H34
.....accCGaagauccggggcuuuugu.....	2	1	H34
.....accugaaUauccggggcuuuugu.....	1	1	H34
.....accugaagauccgggAuuuugu.....	1	1	H34
.....acGcugaagauccggggcuuuugu.....	3	1	H34
.....accugaagauccggggcuuuugG.....	1	1	H34
.....accugaagauccggggcuuuugA.....	8	1	H34
.....accugaagauccggggcuuuuguU.....	10	1	H34
.....accugaagauccggggcuuuuguA.....	16	0	H34
.....accugaagauccggggcuuuuguAA.....	3	1	H34
.....accugaagauccggggcuuuuguAU.....	9	1	H34
.....accugaagauccggggcuuuuguAU.....	2	1	H34
.....ugaagauccggggcuuuugu.....	1	0	H34
.....uaguguuguuaucaacagagcucgucucuaacaggCauc.....	1	1	H34
.....agaagcucgucucuaacaggau.....	1	0	H34
.....agaagcucgucucuaacagguauc.....	13	0	H34
.....Cgaagcucgucucuaacagguauc.....	2	1	H34
.....Cgaagcucgucucuaacagguauc.....	1	1	H34
.....gaagcucgucucuaacagg.....	1	0	H34
.....gaagcucgucucuaacaggu.....	13	0	H34
.....gaagcucgucucuaacaggua.....	35	0	H34
.....gaagcucgucucuaacaggua.....	11	0	H34
.....gaagcucgucucuaacagguauc.....	181	0	H34
.....gaagGucgucucuaacagguauc.....	1	1	H34
.....gaagcucgucucuaacagguauc.....	62	0	H34
.....gaagcucgucucuaacagguaucG.....	1	1	H34
.....gaagcucgucucuaacagguaucA.....	3	1	H34
.....gaagcucgucucuaacagguaucU.....	4	1	H34
.....gaagcucgucucuaacagguaucA.....	1	1	H34
.....ucuaaccugaagauccggggcuuuugu.....	2	0	H71
.....cuacccugaagauccggggcuuu.....	1	0	H71
.....cuacccugaagauccggggcuuu.....	2	0	H71
.....cuacccugaagauccggggcuuuugu.....	12	0	H71
.....cuacccugaagauccgAgcuuuugu.....	1	1	H71
.....uacccugaagauccgggc.....	8	0	H71
.....uacccugaagauccgggc.....	4	0	H71

## Mature

## Star

uuuauaggcacaucgcgugauc <u>uacccugaagauc</u> ccgggcuuuu <u>uaguguu</u> guuauca <u>acagaag</u> cucgucuc <u>uacaggu</u> aucucacggcuggaagagaaacaacugcacaaaug			
.....uacccugaagauc	16	0	H71
.....uacccugaagauc	1	1	H71
.....uaGccugaagauc	1	1	H71
.....uaccAugaagauc	1	1	H71
.....uacccugaagauc	166	0	H71
.....uaccGugaagauc	1	1	H71
.....uacccugaagauc	2	1	H71
.....uacccugaagauc	8	1	H71
.....uacccugaagauc	131	0	H71
.....uacccugaagauc	4	1	H71
.....uaccUugaagauc	3	1	H71
.....uaccAugaagauc	11	1	H71
.....uacccugaagauc	6	1	H71
.....uacccugaagauc	1	1	H71
.....uacccugaagauc	4	1	H71
.....uacccugaagauc	3	1	H71
.....uacccugaagau	3	1	H71
.....uacccugaagauc	1	1	H71
.....uacccuCaagauc	1	1	H71
.....uacccugaagauc	8	1	H71
.....uacccugaagauc	1	1	H71
.....uacccugaagauc	3	1	H71
.....uacccugaagauc	2	1	H71
.....uacccugaagauc	3799	0	H71
.....Aacccugaagauc	1	1	H71
.....uacccugaagauc	2	1	H71
.....uacccugaagau	1	1	H71
.....uacccugaagauc	30	1	H71
.....uacccugaagauc	8	1	H71
.....uacccugaagauc	1	1	H71
.....uacAcugaagauc	1	1	H71
.....uacccugaagauc	2	1	H71
.....uGcccuugaagauc	1	1	H71
.....uUcccuugaagauc	1	1	H71
.....uaGccugaagauc	6	1	H71
.....uacccuAaagauc	1	1	H71
.....Cacccugaagauc	2	1	H71
.....uaccGugaagauc	3	1	H71
.....uacccugaagauc	2	1	H71
.....uacccugaagauc	4	1	H71
.....uacccugCagauc	1	1	H71
.....uacccugaagauc	3	1	H71
.....uaUcccuugaagauc	3	1	H71
.....uaAccugaagauc	7	1	H71
.....uacccugGagauc	1	1	H71
.....uacccugaagauc	2	1	H71
.....uacccuUaagauc	2	1	H71
.....uacccugaUgauc	1	1	H71
.....uacccugaagauc	3	1	H71
.....uacccugaagau	2	1	H71
.....uacccugaagauc	2	1	H71
.....uacccugaagauc	1	1	H71
.....uacccugaagau	7	1	H71
.....uacccugaagauc	4	1	H71
.....uacccugaagauc	1	0	H71
.....acccuugaagauc	1	1	H71
.....acccuugaagauc	3	0	H71
.....acccuugaagauc	20	0	H71
.....acccuugaagauc	50	0	H71
.....acccuugaGgauc	2	1	H71
.....acGcuugaagauc	2	1	H71
.....acccuugaagauc	1373	0	H71
.....acccuugaagauc	2	1	H71

## Mature

## Star

uuuauaggcacaucgugaucuacccugaagauccgggcuuuuguaguguuguuaucaacagagaagcucgucucacagguauaucacagcguggaagagaaacaacugcacaaaug

.....accugaagauccgggAuuuugu.....	1	1	H71
.....accugaagauccgggGuuuugu.....	3	1	H71
.....accugaagauccgAgcuuuugu.....	1	1	H71
.....accAgaagauccgggcuuuugu.....	1	1	H71
.....accCGaagauccgggcuuuugu.....	1	1	H71
.....accugaagauccUggcuuuugu.....	2	1	H71
.....accAGaagauccgggcuuuugu.....	4	1	H71
.....accugaagauccgggcuuuugG.....	2	1	H71
.....acAcugaagauccgggcuuuugu.....	3	1	H71
.....accugaagUuccgggcuuuugu.....	1	1	H71
.....accugaagauccgggcuuuCgu.....	1	1	H71
.....accugaagauccgCgcuuuugu.....	1	1	H71
.....accugaagauccgUgcuuuugu.....	1	1	H71
.....accugaagauccggAcuuuugu.....	1	1	H71
.....accCGaagauccgggcuuuugu.....	3	1	H71
.....accugaagauccUgggcuuuugu.....	1	1	H71
.....Uccugaagauccgggcuuuugu.....	1	1	H71
.....accugaagauccAggcuuuugu.....	1	1	H71
.....accuUaagauccgggcuuuugu.....	1	1	H71
.....acUcugaagauccgggcuuuugu.....	2	1	H71
.....accugaagauccgggcuuuugA.....	5	1	H71
.....Gccugaagauccgggcuuuugu.....	1	1	H71
.....aAccugaagauccgggcuuuugu.....	1	1	H71
.....accugaagauccgggcuuuugua.....	23	0	H71
.....accugaagauccgggcuuuuguU.....	12	1	H71
.....accugaagauccgggcuuuuguag.....	1	0	H71
.....accugaagauccgggcuuuuguA.....	4	1	H71
.....accugaagauccgggcuuuuguUg.....	1	1	H71
.....ccugaagauccgggcuuuugu.....	1	0	H71
.....aguguuguuaucaacagagcucgucucacagguauc.....	1	0	H71
.....agaagcucgucucacaggu.....	1	0	H71
.....agaagcucgucucacaggua.....	1	0	H71
.....agaagcucgucucacagguau.....	5	0	H71
.....agaaUcucgucucacagguauc.....	1	1	H71
.....agaagcucCucucacagguauc.....	1	1	H71
.....agaagcucgucucacagguauc.....	42	0	H71
.....agaagcucgucucacagCuauC.....	1	1	H71
.....agaagcucgucucacagguauCu.....	1	0	H71
.....gaagcucgucucacagg.....	5	0	H71
.....gaagcucAucucacaggu.....	1	1	H71
.....gaagcucgucucacaggu.....	24	0	H71
.....gaCgcucgucucacaggua.....	1	1	H71
.....gaagcucgucucacaggua.....	38	0	H71
.....gaagcucgucucacaggaCau.....	1	1	H71
.....gaagcucgucucacagguau.....	15	0	H71
.....gaagcucgucucacagguA.....	1	1	H71
.....gaagcucgucucacaAguauC.....	1	1	H71
.....Uaagcucgucucacagguauc.....	1	1	H71
.....gaagcucgucucGcagguauc.....	1	1	H71
.....gaagcucgucucacagguauc.....	292	0	H71
.....gaagcucgucucacagguAC.....	1	1	H71
.....gaagcuUgucucacagguauc.....	1	1	H71
.....gaagcucgucucacagguauC.....	1	1	H71
.....gaagcucgucucacagguaucu.....	70	0	H71
.....gaagcucAucucacagguaucu.....	1	1	H71
.....gaagcucgucucacagguauCuU.....	2	1	H71
.....uacccugaagauccgggcuuuu.....	8	0	A02
.....uacccugaagauccgggcuuuU.....	1	1	A02
.....uacccugaagauccgggcuuuug.....	5	0	A02
.....uacccugaagauccgggcuuGugu.....	1	1	A02
.....uacccugaagauccgggcuuuugu.....	111	0	A02
.....uacccugaagauccgggcuuuuguU.....	2	1	A02
.....uacccugaagauccgggcuuuuguA.....	1	1	A02
.....accugaagauccgggcuuuug.....	1	0	A02
.....accugaagauccgggcuuuugu.....	21	0	A02
.....accugaagauccgUgcuuuugu.....	1	1	A02
.....accugaagauccgggcuuuuguU.....	1	1	A02
.....gaagcucgucucacagguauc.....	4	0	A02
.....gaagcucgucucacagguaucu.....	2	0	A02

## Mature

## Star

uuuauaggcacaucgugaucuacccugaagauccgggcuuuuguaguguuguaucaacagaagcucgucucuacagguaucucacggcuggaagagaaacaacugcacaaaug

.....cuacccugaagauc	cgggcuuuugu.....	7	0	E01
.....cuacccugaagauc	cgggcuuuuU.....	1	1	E01
.....uacccugaagauc	cgggcu.....	1	0	E01
.....uacccugaagauc	cgggcuuu.....	5	0	E01
.....uacccugaagauc	cAgggcuuu.....	1	1	E01
.....uacccugaagauc	cggAcuuuu.....	1	1	E01
.....uacccugaagauc	cgggcuuu.....	53	0	E01
.....uacccugaagauc	cgggcuuuU.....	1	1	E01
.....uaAccugaagauc	cgggcuuuug.....	1	1	E01
.....uacccugaagauc	cgggcGuuug.....	1	1	E01
.....uacccugaagauc	cgggcuuuug.....	58	0	E01
.....uacccugaagauc	cggAcuuuuugu.....	5	1	E01
.....uacccugaGgauc	cgggcuuuugu.....	1	1	E01
.....uaAccugaagauc	cgggcuuuugu.....	1	1	E01
.....uacccuUaagauc	cgggcuuuugu.....	1	1	E01
.....uacccugaagauc	cgggcCuuuugu.....	1	1	E01
.....uacccugaagauc	cgggcAuuuugu.....	4	1	E01
.....uacccugaagauc	cgggcuuuuU.....	2	1	E01
.....uacccugaagauc	cggUgcuuuuugu.....	1	1	E01
.....uacccugaagauc	cgggcuuuugu.....	1362	0	E01
.....uacccugaagauc	cgggcuuuugA.....	3	1	E01
.....uacccugaagauc	cgggcuuuAgu.....	1	1	E01
.....uacccugaagauc	cggUcuuuugu.....	3	1	E01
.....uacccugaagauc	cUggcuuuugu.....	1	1	E01
.....uUcccuagaagauc	cgggcuuuugu.....	2	1	E01
.....uaGccugaagauc	cgggcuuuugu.....	1	1	E01
.....uaccUugaagauc	cgggcuuuugu.....	2	1	E01
.....uacccugaagauc	cAgggcuuuugu.....	1	1	E01
.....uacccugaagauc	cggCcuuuugu.....	2	1	E01
.....uacccugaagauc	cgggcuuuUgu.....	3	1	E01
.....uacccugaagauc	cgggcGuuugu.....	1	1	E01
.....uacccugaagauc	cgggcuuGugu.....	1	1	E01
.....uacccugaagauc	cgggcuCuugu.....	1	1	E01
.....uacccugaagauc	cgggcuuCugua.....	1	1	E01
.....uacccugaagauc	cgggcuuuuguU.....	12	1	E01
.....uacccugaagauc	cgggcuuuuguua.....	18	0	E01
.....uacccugaagauc	cgggcuuuuguauU.....	2	1	E01
.....uacccugaagauc	cgggcuuuuguuaA.....	1	1	E01
.....acccugaagauc	cgggcuuuu.....	8	0	E01
.....acccugaagauc	cgggcuuuug.....	16	0	E01
.....acccugaagauc	cgggcuuGugu.....	2	1	E01
.....acccugaagauc	cgggcuuuugu.....	389	0	E01
.....acccugaagauc	cgggUuuuuugu.....	1	1	E01
.....acccugaagauc	cgggGuuuuugu.....	2	1	E01
.....acccugaagauc	cgggcuAuugu.....	1	1	E01
.....acccugaagauc	cgggcuuuCu.....	1	1	E01
.....acccugaagauc	cggUcuuuugu.....	1	1	E01
.....acccugaagauc	cgggcuuuuguU.....	2	1	E01
.....acccugaagauc	cgggcuuuuguua.....	2	0	E01
.....acccugaagauc	cAgggcuuuuguua.....	1	1	E01
.....acccugaagauc	cgggcuuuuguuaU.....	1	1	E01
.....cccuagaagauc	cgggcuuuugu.....	1	0	E01
.....ugaagauc	cgggcuuuugu.....	1	0	E01
.....agaagcucgucuc	uacagguau.....	2	0	E01
.....agaagcucgucuc	uacagguau.....	17	0	E01
.....agaagcucgucuc	uacagguau.....	1	0	E01
.....gaagcucgucuc	uacaggu.....	3	0	E01
.....gaagcucgucuc	uacaUgua.....	1	1	E01
.....gaagcucgucuc	uacaggu.....	17	0	E01
.....gaagcucgucuc	uacagguGau.....	1	1	E01
.....gaagcucgucuc	uacagguau.....	2	0	E01
.....gaagcucgucuc	uacagguau.....	41	0	E01
.....gaagcucgucuc	uacagguauA.....	1	1	E01
.....gaagcucgucuc	uacagguau.....	37	0	E01
.....gaagcucgucuc	uacagguauG.....	1	1	E01
.....gaagcucgucuc	uacagguau.....	1	1	E01
.....cuacccugaagauc	cgggcuuuugu.....	1	0	B11
.....uacccugaagauc	cgggcuuuu.....	2	0	B11



## Mature

## Star

uuuauaggcacaucgugaucuacccugaagaucggggcuuuuuguaguguuguuaucaacagaagcucgucucucacagguaucucacggcuggaagagaaacaacugcacaaaug			
.....uacccugaagaucggggcuuuuug.....	3	0	B11
.....uacccugaagaucggggcuuuuugu.....	71	0	B11
.....uacccugaagaucggggcuuuuugua.....	1	0	B11
.....accugaagaucggggcuuuuugu.....	30	0	B11
.....acAcugaagaucggggcuuuuugu.....	1	1	B11
.....accugaagaucggggcuuuuugA.....	1	1	B11
.....agaagcucgucucucacagguauc.....	1	0	B11
.....aucuacccugaagaucggggcuuuuUu.....	1	1	E13
.....ucuacccugaagaucggggcuuuuugu.....	2	0	E13
.....cuacccugaagaucggggcuuuu.....	2	0	E13
.....cuacccugaagaucggggcuuuuugu.....	7	0	E13
.....cuacccugaagaucggggcuuuuugua.....	1	0	E13
.....uacccugaagaucggggcu.....	7	0	E13
.....uacccugaagaucggggcuu.....	1	0	E13
.....uacccugaagaucggggcuuu.....	10	0	E13
.....uacccugaagaucggggcGuuu.....	1	1	E13
.....uacccugaagaucggggcuuuu.....	82	0	E13
.....uacccugaagaucggggcuuuuU.....	3	1	E13
.....uaGccugaagaucggggcuuuuug.....	1	1	E13
.....uacccugaaUaucggggcuuuuug.....	1	1	E13
.....uacccugaagauAcggggcuuuuug.....	1	1	E13
.....uacccugaagaucggggcuuuuug.....	116	0	E13
.....uacccugaagaucggcgGuuuuug.....	1	1	E13
.....uacccugaagaucggggcuuuuAug.....	1	1	E13
.....uaccGuugaagaucggggcuuuuug.....	1	1	E13
.....uacccugaagauccUggcuuuuugu.....	2	1	E13
.....uacccugaagaucggggcuuuuUu.....	2	1	E13
.....uacccugaagaucggggcuuAugu.....	2	1	E13
.....uacccugGagaucggggcuuuuugu.....	2	1	E13
.....uacccuUaagaucggggcuuuuugu.....	2	1	E13
.....uacccugaagaucggggcuuGugu.....	1	1	E13
.....uaUccugaagaucggggcuuuuugu.....	1	1	E13
.....uaAccugaagaucggggcuuuuugu.....	12	1	E13
.....uacccugaagaucggggcuuuuugC.....	1	1	E13
.....uacccugaagauccAgggcuuuuugu.....	1	1	E13
.....uacccugaagaucggggcCuuugu.....	4	1	E13
.....uacccugaagaucggggcuuuuCgu.....	1	1	E13
.....uacccugaagaucggggUuuuugu.....	3	1	E13
.....uacccugaagaucggggcuuuuugA.....	7	1	E13
.....uacccugaagaucggUgcuuuuugu.....	3	1	E13
.....uacccugaagaucggggcuCuuugu.....	1	1	E13
.....uacccugaagaucggggcuuuuugu.....	3064	0	E13
.....uacccugaagauUcggggcuuuuugu.....	1	1	E13
.....uaGccugaagaucggggcuuuuugu.....	3	1	E13
.....uacccugaagaucggggcuuuuugG.....	2	1	E13
.....uacccugaagaucggcgGcuuuuugu.....	1	1	E13
.....uacccugaagaGccggggcuuuuugu.....	1	1	E13
.....uacccugaagaucGggggcuuuuugu.....	1	1	E13
.....uacccugaagaucggggcGuuuugu.....	7	1	E13
.....uaccGuugaagaucggggcuuuuugu.....	4	1	E13
.....uacccugaagGuccggggcuuuuugu.....	1	1	E13
.....uacccugaagaucggggcuuuuAu.....	2	1	E13
.....uacccugaagaucggggcuuCugu.....	1	1	E13
.....uacccugaagauAcggggcuuuuugu.....	4	1	E13
.....uacccugaagaucggggcAuuuugu.....	5	1	E13
.....uUccugaagaucggggcuuuuugu.....	1	1	E13
.....uaccUugaagaucggggcuuuuugu.....	3	1	E13
.....uacccugaagaucggggcuuuuCu.....	1	1	E13
.....uacccugaagauccGggcuuuuugu.....	1	1	E13
.....uacccugaagaucgggAcuuuugu.....	3	1	E13
.....uacccugaagaucgggUcuuuugu.....	4	1	E13
.....uaccAugaagaucggggcuuuuugu.....	6	1	E13
.....uacccugaagaucggggGuuuuugua.....	1	1	E13
.....uacccugaagaucggggcuuuuugua.....	41	0	E13
.....uaAccugaagaucggggcuuuuugua.....	1	1	E13
.....uacccugaagaucggggcuuuuugU.....	22	1	E13
.....uacccugaagaucggggcuuuuugaU.....	3	1	E13
.....uacccugaagaucggggcuuuuugaA.....	2	1	E13
.....uacccugaagaucggggcuuuuugaAu.....	1	1	E13

## Mature

## Star

uuuauaggcacaucgugauc <u>uacccugaagauccgggcuuuu</u> guaguguuuuaucaacagaagcucgucucuaacagguaucucacggcuggaagagaaacaacugcacaaaug			
.....uacccugaagauccgggcuuuu <u>guagug</u> .....	1	0	E13
.....uacccugaagauccgggcuuuu <u>guaguguuuu</u> aucaac.....	1	0	E13
.....acccugaagauccgggcu.....	1	0	E13
.....acccugaagauccgggcuuu.....	2	0	E13
.....acccugaagauccgggcu <u>Guu</u> .....	1	1	E13
.....acccugaagauccgggcuuuu.....	3	0	E13
.....acccugaagauccgggcuuuu <u>g</u> .....	24	0	E13
.....acGcu <u>gaagauccgggcuuuu</u> g.....	1	1	E13
.....acccugaagauccggG <u>Uuuuu</u> g.....	1	1	E13
.....acccugaagauccgggcu <u>Guugu</u> .....	2	1	E13
.....acccugaagauccggg <u>Uuuuu</u> gu.....	1	1	E13
.....acccugaagauccG <u>gcuuuu</u> gu.....	1	1	E13
.....acccugaagG <u>ucgggcuuuu</u> gu.....	1	1	E13
.....acccAgaagauccgggcuuuu <u>g</u> .....	2	1	E13
.....acccugaagauccgggcuuuC <u>g</u> .....	1	1	E13
.....accAgaagauccgggcuuuu <u>g</u> .....	1	1	E13
.....acUcu <u>gaagauccgggcuuuu</u> gu.....	1	1	E13
.....acccugaagauccUggcuuuu <u>g</u> .....	1	1	E13
.....acccugaagauccgggAuuuu <u>g</u> .....	3	1	E13
.....acccugaagauccgggcuuuuG <u>C</u> .....	1	1	E13
.....acccugaagauccgggcuuuu <u>g</u> .....	820	0	E13
.....acccugaagauccgggAuuuu <u>g</u> ua.....	1	1	E13
.....acccugaagauccgggcuuuu <u>g</u> ua.....	11	0	E13
.....acccugaagauccgggcuuuuG <u>Aa</u> .....	1	1	E13
.....acccugaagauccgggcuuuu <u>g</u> U.....	4	1	E13
.....acccugaagauccgggcuuuu <u>g</u> Ug.....	1	1	E13
.....acccugaagauccgggcuuuu <u>g</u> uaU.....	1	1	E13
.....acccugaagauccgggcuuuu <u>g</u> uaguguuuuaucaacagaagcucguc.....	1	0	E13
.....cccu <u>gaagauccgggcuuuu</u> gu.....	3	0	E13
.....ccu <u>gaagauccgggcuuuu</u> gu.....	3	0	E13
.....ccu <u>gaagauccgggcuuuu</u> guU.....	1	1	E13
.....cu <u>gaagauccgggcuuuu</u> gu.....	1	0	E13
.....uaguguuuuaucaacagaagcucgucucuaacagguauc.....	1	0	E13
.....agaagcucgucucuaacagg <u>u</u> .....	2	0	E13
.....agaagcucgucucuaacaggua <u>u</u> .....	1	0	E13
.....agaGgcucgucucuaacagguauc.....	1	1	E13
.....agaagcucgucucuaacagguauc.....	33	0	E13
.....agaagcucgucucuaacagguauc <u>u</u> .....	1	0	E13
.....gaagcucgucucuaacagg <u>u</u> .....	14	0	E13
.....gaagcucgucucuaacaggua.....	20	0	E13
.....gaCgcucgucucuaacaggua.....	1	1	E13
.....gaagcucgucucuaacaggua <u>u</u> .....	11	0	E13
.....gaagcucgucucua <u>caU</u> guauc.....	1	1	E13
.....gaagcucgucucuaacagguauc.....	73	0	E13
.....gaagcucgucucuaacagguauc <u>u</u> .....	66	0	E13
.....gaagAucgucucuaacagguauc <u>u</u> .....	1	1	E13
.....gaagcucgucucuaacagguaucU.....	2	1	E13
.....uacccugaagauccgggcu.....	1	0	A44
.....uacccugaagauccgggcuu.....	1	0	A44
.....uacccugaagauccgggcuuu.....	1	0	A44
.....uacccugaagauccgggcuuuu.....	12	0	A44
.....uacccugaagauccgggcuuuu <u>g</u> .....	7	0	A44
.....uacccugaagauccgggcuuuuG <u>A</u> .....	2	1	A44
.....uacccugaagauccgggcuuuu <u>U</u> .....	3	1	A44
.....uacccugaagauccggG <u>Uuuuu</u> gu.....	1	1	A44
.....uacccugaagauccgggcuuuuG <u>C</u> .....	1	1	A44
.....uacccugaagauccgggc <u>Guu</u> gu.....	1	1	A44
.....uacccugaagauccgggcuuuu <u>g</u> .....	88	0	A44
.....uacccugaagauccgggcuuuu <u>g</u> ua.....	3	0	A44
.....uacccugaagauccgggcuuuuG <u>Aa</u> .....	3	1	A44
.....uacccugaagauccgggcuuuu <u>g</u> uaU.....	2	1	A44
.....acccugaagauccgggcuuuu.....	2	0	A44
.....acccugaagauccgggcuuuu <u>g</u> .....	4	0	A44
.....acccugaagauccgggcuuuuU.....	1	1	A44
.....acccugaagauccgggcuuuu <u>g</u> .....	29	0	A44
.....acccugaagauccgggcu <u>Guugu</u> .....	1	1	A44
.....acccugaagauccgggcuuuu <u>g</u> U.....	1	1	A44
.....acccugaagauccgggcuuuuG <u>Aa</u> .....	1	1	A44

## Mature

## Star

uuuauaggcacaucgugaucuacccugaagauccgggcuuuuguaguguuguuaucaacagaagcucgucucuacagguaucucacggcuggaagagaaacaacugcacaaaug

.....accugaagauccgggcuuuuguaU.....	2	1	A44
.....gaagcucgucuc <u>uacagguau</u> .....	5	0	A44
.....gaagcucgucuc <u>uacagguau</u> c.....	1	0	A44
.....uacccugaagauccgggcuuu.....	2	0	A01
.....uacccugaagauccgggcuuu.....	4	0	A01
.....uacccugaagauccgggcuuuug.....	8	0	A01
.....uacccugaagauccgggcuuuAgu.....	1	1	A01
.....uacccugaagauccgggCuuuuugu.....	1	1	A01
.....uaAccugaagauccgggcuuuugu.....	2	1	A01
.....uacccugaagauccgggcuuuugu.....	146	0	A01
.....uacccugaagauccgggAuuuuugu.....	1	1	A01
.....uacccugaagauccgggcuuuugA.....	1	1	A01
.....uacccugaagauccgggUuuuuugu.....	1	1	A01
.....uacccugaagauccgggcuuuuguU.....	3	1	A01
.....uacccugaagauccgggcuuuugua.....	1	0	A01
.....accugaagauccgggcuuu.....	2	0	A01
.....accugaagauccgggcuuuug.....	3	0	A01
.....accugaagauccgggcuuuugu.....	44	0	A01
.....uaucaacagaagcucgucuc <u>uacagguau</u> c.....	1	0	A01
.....agaagcucgucuc <u>uacagguau</u> c.....	1	0	A01
.....agaagcucgucuc <u>uacagguau</u> c.....	1	0	A01
.....gaagcucgucuc <u>uacaggu</u> .....	1	0	A01
.....gaagcucgucuc <u>uacaggu</u> a.....	1	0	A01
.....gaagcucgucuc <u>uacaggu</u> au.....	2	0	A01
.....gaagcucgucuc <u>uacagguau</u> c.....	3	0	A01
.....gaagcucgucuc <u>uacagguau</u> c.....	3	0	A01
.....uacccugaagauccgggcuuu.....	1	0	A11
.....uacccugaagauccgggcuuu.....	3	0	A11
.....uacccugaagauccgggcuuuug.....	1	0	A11
.....uacccugaagauccgggcuuuugu.....	46	0	A11
.....uacccugaagauccUggcuuuugu.....	1	1	A11
.....uacccugaagauccgggcuuuugA.....	2	1	A11
.....uacccugaagauccgggcuuuugua.....	1	0	A11
.....uacccugaagauccgggcuuuuguaA.....	1	1	A11
.....accugaagauccgggcuuu.....	1	0	A11
.....accugaagauccgggcuuuug.....	1	0	A11
.....accugaagauccgggcuuuugu.....	12	0	A11
.....acGcugaagauccgggcuuuugu.....	1	1	A11
.....accugaagauccgggcuuuCgu.....	1	1	A11
.....accugaagauccgggcuuuugua.....	1	0	A11
.....gaagcucgucuc <u>uacagguau</u> c.....	1	0	A11
.....ucuacccugaagauccgggcuuu.....	1	0	H04
.....ucuacccugaagauccgggcuuuugu.....	1	0	H04
.....cuacccugaagauccgggcu.....	1	0	H04
.....cuacccugaagauccgggcuuuug.....	1	0	H04
.....cuacccugaagauccgggcuuuugu.....	9	0	H04
.....uacccugaagauccgggcu.....	4	0	H04
.....uacccugaagauccgggcu.....	7	0	H04
.....uacccugaagauccgggcuuu.....	12	0	H04
.....uacccugaagauccgggcCuu.....	1	1	H04
.....uacccugaagauccgggcCuuu.....	1	1	H04
.....uacccugaagauccgggCuuuu.....	1	1	H04
.....uacAucugaagauccgggcuuu.....	1	1	H04
.....uacccugaagauccgggcuuu.....	98	0	H04
.....uacccugaagauccgggCuuuuug.....	1	1	H04
.....uacccugaagauccgggcGuuug.....	2	1	H04
.....uacccugaagauccgggcuuuug.....	83	0	H04
.....uacccugaagauccgggcuuGug.....	1	1	H04
.....uacccugaagauccgggcuuuuU.....	7	1	H04
.....uaAccugaagauccgggcuuuug.....	1	1	H04
.....Caccugaagauccgggcuuuug.....	1	1	H04
.....uacccugaagauccgUgcuuuug.....	1	1	H04
.....uacccugaagauccgggcuuuugu.....	2462	0	H04
.....uacccugaagauccUggcuuuugu.....	2	1	H04
.....uacccugaagauccgggcuuuugC.....	3	1	H04
.....uacccugaagauccgggcuuuugA.....	20	1	H04
.....uacccugaagauccgggcGuuugu.....	1	1	H04

## Mature

## Star

uuuauaggcacaucgugaucuacccugaaagauccgggcuuuuguaguguuguuaucaacagaagcucgucucuaacagguaucucacgggcuggaagagaaacaacugcacaaaug

.uacccugaGgaucggggcuuuugu.	1	1	H04
.uacccugaagauccgggCuuugu.	2	1	H04
.uacccugaagauccgUgcuuugu.	2	1	H04
.uacccugaagauccggUcuuuugu.	1	1	H04
.uacccugaagauccgggcuuuUu.	1	1	H04
.uacccugaagauccgggCuuugu.	3	1	H04
.uacccugaagauccgggUuuugu.	2	1	H04
.uaccGugaagauccgggcuuuugu.	2	1	H04
.uacccugaagaCccgggcuuuugu.	1	1	H04
.uacUcugaagauccgggcuuuugu.	2	1	H04
.uaUccugaagauccgggcuuuugu.	1	1	H04
.uaccAugaagauccgggcuuuugu.	3	1	H04
.uacccugaagauccAggcuuuugu.	2	1	H04
.uacccugaagauccCggcuuuugu.	1	1	H04
.uacccuUaagauccgggcuuuugu.	1	1	H04
.uacAcugaagauccgggcuuuugu.	1	1	H04
.uacccugaagauccggAcuuugu.	2	1	H04
.uacccugaagauccgggcuUugu.	2	1	H04
.uacccugGagaucgggcuuuugu.	1	1	H04
.uaAccugaagauccgggcuuuugu.	4	1	H04
.uacccugaagauccgggcuuAugu.	3	1	H04
.uacccugaagauccgggcuCuugu.	1	1	H04
.uacccCgaagauccgggcuuuugu.	2	1	H04
.uacccugaagauccAgggcuuuugu.	2	1	H04
.uacccugaagauccgggcuuuuAu.	3	1	H04
.uacccuCaagauccgggcuuuugu.	1	1	H04
.uacccugaagauccggCcuuuugu.	1	1	H04
.uacccugaagauccgggcuuuuG.	3	1	H04
.uaGccugaagauccgggcuuuugu.	3	1	H04
.uacccugaagauccgggcuuuuGaa.	2	1	H04
.uacccugaagauccgggcuuuuguU.	17	1	H04
.uacccugaagauccgggcuuuuguua.	25	0	H04
.uacccugaagauccgggcuuuuguuaA.	8	1	H04
.uacccugaagauccgggcuuuuguuaU.	7	1	H04
.uacccugaagauccgggcuuuuguuaUu.	1	1	H04
.accugaagauccggUcu.	1	1	H04
.accugaagauccgggcuuu.	3	0	H04
.accugaagauccgggcuuuu.	8	0	H04
.accugaagauccgggcuuuug.	34	0	H04
.accugaagauccgggcuuuuU.	1	1	H04
.accugaagauccgggcuuuug.	1	1	H04
.acGcugaagauccgggcuuuugu.	1	1	H04
.acccCgaagauccgggcuuuugu.	2	1	H04
.accugaagauccUggcuuuugu.	1	1	H04
.accugaagauccgggGuuuugu.	1	1	H04
.accugaagauccgggcuuuugu.	777	0	H04
.accugaagauccgggcuCuugu.	1	1	H04
.accugaagauccgCgcuuugu.	1	1	H04
.accugaagauccgggcuuuuAgu.	2	1	H04
.accAugaagauccgggcuuuugu.	1	1	H04
.acAcugaagauccgggcuuuugu.	1	1	H04
.accugaagauccgggcuGuugu.	1	1	H04
.accugaagauccgggcuuuuGA.	3	1	H04
.accugaagauccgggcuuuuGG.	1	1	H04
.accugaUgaucgggcuuuugu.	1	1	H04
.Uccugaagauccgggcuuuugu.	1	1	H04
.accugaagauccgggcuuuuGG.	1	1	H04
.accugaagauccgggcuuuuguua.	13	0	H04
.accugaagauccgggcuuuuguU.	3	1	H04
.accugaagauccgggcuuuuguuaA.	1	1	H04
.ugaagauccgggcuuuugu.	1	0	H04
.agaagcucgucucuaacaggu.	1	0	H04
.agaagcucgucucuaacaggua.	2	0	H04
.agaagcucgucucuaacagguCuc.	1	1	H04
.agaagcucgucucuaacagguauc.	26	0	H04
.gaagcucgucucuaacaggu.	4	0	H04
.gaagcucgucucuaacaggua.	12	0	H04
.gaagcucgucucuaacagguau.	6	0	H04
.gaagAucgucucuaacagguauc.	2	1	H04
.gaagcucgucucuaacagguauc.	71	0	H04

## Mature

## Star

uuuauaggcacaucgugauc <u>uacccugaagauccgggcuuuugu</u> aguguuguuaucaaca <u>gaagcucgucucuacagguau</u> cucacggcuggaagagaaacaacugcacaaaug			
.....gaagcucgucucuAagguaucu.....	1	1	H04
.....gaagcucgucucuacagguaucu.....	55	0	H04
.....gaagcucgucucuacagguuACcu.....	1	1	H04
.....gaagcucgucucuacagguaucU.....	1	1	H04
.....uacccugaagauccgggcu.....	1	0	A32
.....uacccugaagauccgggcuuu.....	2	0	A32
.....uacccugaagauccgggcuuuu.....	5	0	A32
.....uacccugaagauccgggcuuuug.....	1	0	A32
.....uacccugaagauUcgggcuuuugu.....	1	1	A32
.....uacccugaagauccgggcuuuugu.....	61	0	A32
.....uacccugaagauccggACuuuugu.....	1	1	A32
.....uacccugaagauccggUcuuuugu.....	1	1	A32
.....uacccugaagauccCggcuuuugu.....	1	1	A32
.....uacccugaagauccgggcuuuuguU.....	2	1	A32
.....uacccugaagauccgggcuuuugua.....	2	0	A32
.....uacccugaagauccgggcuuuuguaA.....	1	1	A32
.....accugaagauccgggcuuuu.....	1	0	A32
.....accugaagauccgggcuuuug.....	2	0	A32
.....accugaagauccgggcuuuuU.....	1	1	A32
.....accugaagauccgggcuuuugA.....	1	1	A32
.....accugaagauccgggcuuuugu.....	10	0	A32
.....accugaagauccgggcuuuuguaU.....	1	1	A32
.....gaagcucgucucuacagguau.....	1	0	A32
.....gaagcucgucucuacagguauc.....	6	0	A32
.....gaagcucgucucuacagguaucu.....	2	0	A32
.....uacccugaagauccgggcuuu.....	2	0	A41
.....uacccugaagauccgggcuuuu.....	4	0	A41
.....uacccugaagauccgggcuuuug.....	1	0	A41
.....uacccugaagauccgggcuuuugu.....	16	0	A41
.....accugaagauccgggcuuuugu.....	5	0	A41
.....accugaagauccgggcuuuuguaUu.....	1	1	A41
.....agaagcucgucucuacaggu.....	1	0	A41
.....aucuacccugaagauccgggcu.....	1	0	H62
.....aucuacccugaagauccgggcuuuugu.....	1	0	H62
.....ucuacccugaagauccgggcuuuugu.....	1	0	H62
.....cuacccugaagauccgggcuuuug.....	1	0	H62
.....cuacccugaagauccgggcuuuuUu.....	1	1	H62
.....cuacccugaagauccgggcuuuugu.....	7	0	H62
.....uacccugaagauccgggcu.....	7	0	H62
.....uacccugaagauccgggcuu.....	6	0	H62
.....uacccugaagauccAggcuu.....	1	1	H62
.....uacccugaagauccgggcuuu.....	14	0	H62
.....uacccugaagauccgggcuuuu.....	145	0	H62
.....uaUccugaagauccgggcuuuu.....	1	1	H62
.....uacccugaagauccgggcGuu.....	1	1	H62
.....uacccugaagauccgggcuuuug.....	105	0	H62
.....uacccugaagauccgggcuuuuU.....	10	1	H62
.....uacccugaagauccggACuuuug.....	1	1	H62
.....uacccugaagauccgggcuuGug.....	1	1	H62
.....uacccugaagauccgggcuuuuA.....	2	1	H62
.....uacccugaagauccUgggcuuuugu.....	1	1	H62
.....uacccugaagGuccgggcuuuugu.....	1	1	H62
.....uaAccugaagauccgggcuuuugu.....	4	1	H62
.....uacccuAaagauccgggcuuuugu.....	1	1	H62
.....uacccugaagauccgggcGuuugu.....	4	1	H62
.....uacccugCagauccgggcuuuugu.....	1	1	H62
.....uacccugaagauccggCcuuuugu.....	1	1	H62
.....uacccugaagauUcgggcuuuugu.....	1	1	H62
.....uacccugaagaAaccgggcuuuugu.....	1	1	H62
.....uacccugaagaauccAgggcuuuugu.....	1	1	H62
.....uacccugaagaauccUgcuuuugu.....	2	1	H62
.....uacccugaagaauccgggcuuAugu.....	1	1	H62
.....uacccugaagaauccAgggcuuuugu.....	1	1	H62
.....uacccugaagaauccCggcuuuugu.....	5	1	H62
.....uacccugaagauAccgggcuuuugu.....	1	1	H62
.....uacccugaagaauccgggcuuuuAu.....	2	1	H62
.....uacccugaagaauccgggUuuuugu.....	1	1	H62

## Mature

## Star

uuuauaggcacaucgugaucuaccccgugaagauccgggcuuuuuguaguguuguuaucaacagaagcucgucucuaacagguaucucacggcuggaagagaaacaacugcacaaaug

.....uacccAgaagauccgggcuuuugu.....	1	1	H62
.....uacccugGagauccgggcuuuugu.....	3	1	H62
.....uacccugaagauccgggcuuuuUu.....	7	1	H62
.....uacccugaagauccggUcuuuugu.....	2	1	H62
.....Caccugaagauccgggcuuuugu.....	1	1	H62
.....uacccugaagauccgggcCuuugu.....	2	1	H62
.....uacccugaagauccgCgcuuugu.....	1	1	H62
.....uaGccugaagauccgggcuuuugu.....	4	1	H62
.....uaccAugaagauccgggcuuuugu.....	6	1	H62
.....uaccUugaagauccgggcuuuugu.....	3	1	H62
.....uacccugaagauccgggcuuuugA.....	10	1	H62
.....uacccugaagauccggAcuuugu.....	4	1	H62
.....uacAcugaagauccgggcuuuugu.....	3	1	H62
.....uacccugaagauccgggcAuuugu.....	1	1	H62
.....uaUccugaagauccgggcuuuugu.....	6	1	H62
.....uacccuUaagauccgggcuuuugu.....	1	1	H62
.....uacccugaUgaucgggcuuuugu.....	1	1	H62
.....uacccugaagauccgggcuUugu.....	1	1	H62
.....uacccugaaAauccgggcuuuugu.....	1	1	H62
.....uacccugaagauccUggcuuuugu.....	3	1	H62
.....uacccugaagauccgggcuuuugu.....	2859	0	H62
.....uaccGugaagauccgggcuuuugu.....	4	1	H62
.....uacccugaagauccgggcuuuuAua.....	1	1	H62
.....uacccugCagauccgggcuuuugu.....	1	1	H62
.....uacccugaagauccgggcuuuuguG.....	1	1	H62
.....uacccugaagauccgggcuuuugua.....	53	0	H62
.....uacccugaagauccgggcuuuugAa.....	1	1	H62
.....uacccugaagauccgggcuuuuguU.....	26	1	H62
.....uacccugaagauccgggcuuuuguaA.....	5	1	H62
.....uacccugaagauccgggcuuuuguaU.....	6	1	H62
.....accugaagauccgggcuuu.....	5	0	H62
.....accugaagauccgggcuuuu.....	7	0	H62
.....accugaagauccgggcuuuug.....	26	0	H62
.....accugaagauccgggcuuuuU.....	3	1	H62
.....aAccugaagauccgggcuuuug.....	1	1	H62
.....acUcugaagauccgggcuuuug.....	1	1	H62
.....accugaagauccgggGuuuug.....	1	1	H62
.....accGgaagauccgggcuuuugu.....	2	1	H62
.....accugaagauccgggcuuuuAu.....	1	1	H62
.....accugaagauccgggcAuugu.....	1	1	H62
.....accugaUgaucgggcuuuugu.....	1	1	H62
.....accugaagauccgggcuuuugu.....	948	0	H62
.....accugaagauccggUcuuuugu.....	1	1	H62
.....accuUaagauccgggcuuuugu.....	1	1	H62
.....accugaagauccgggcCuuugu.....	2	1	H62
.....accAgaagauccgggcuuuugu.....	4	1	H62
.....accugaaUaucgggcuuuugu.....	1	1	H62
.....accugaagauccgggAuuuugu.....	3	1	H62
.....acAcugaagauccgggcuuuugu.....	5	1	H62
.....accugaagauccgggcGuugu.....	1	1	H62
.....accugaagauccgggcuuuGgu.....	2	1	H62
.....accCGaagauccgggcuuuugu.....	2	1	H62
.....accugaagauccgggcuuuugA.....	7	1	H62
.....acUcugaagauccgggcuuuugu.....	1	1	H62
.....accugaagauccgggcuuuugAa.....	1	1	H62
.....accugaagauccgggcuuuugua.....	16	0	H62
.....accugaagauccggAcuuugua.....	1	1	H62
.....accugaagauccgggcuuuuguU.....	7	1	H62
.....accugaagauccgggcuuuuguaU.....	4	1	H62
.....accugaagauccgggcuuuuguaAu.....	1	1	H62
.....cccgaaagauccgggcuuuugu.....	1	0	H62
.....cccgaaagauccgggcuuuugua.....	1	0	H62
.....ccugaagauccgggcuuuugu.....	1	0	H62
.....gaagauccgggcuuuugu.....	1	0	H62
.....acagaagcucgucucuaacaggu.....	1	0	H62
.....agaagcucgucucuaacaggu.....	1	0	H62
.....agaagcucgucucuaacaggua.....	1	0	H62
.....agaagcucgucucuaacagguau.....	4	0	H62
.....agaagcucgucucuaacagguauc.....	22	0	H62
.....agaagcucgucucuaacagguaucu.....	3	0	H62

## Mature

## Star

uuuauaggcacaucgugaucuacccugaagaucgggcuuuuguaguguuguuaucaacaagaagcucgucucuaacagguaucucacggcuggaagagaaacaacugcacaaaug			
.....gaagcucgucucuaacagg.....	1	0	H62
.....gaagcucgucucuaacaggu.....	23	0	H62
.....gaagcucgucucuaUaggu.....	1	1	H62
.....gaUgcucgucucuaacaggua.....	1	1	H62
.....gaagAucgucucuaacaggua.....	1	1	H62
.....gaagcucgucucuaacaggua.....	34	0	H62
.....gaagcucgucucuaacaggGa.....	1	1	H62
.....gaagcucgucucuaacagguau.....	17	0	H62
.....gaGgcucgucucuaacagguau.....	1	1	H62
.....gaagcucgucucuaacagguauGc.....	1	1	H62
.....gaagcucgucucuaacagguauc.....	128	0	H62
.....gaCgcucgucucuaacagguauc.....	1	1	H62
.....gaagcucgucucuaUagguauc.....	1	1	H62
.....gaagcucgucucuaacagguauU.....	1	1	H62
.....gaagAucgucucuaacagguaucu.....	1	1	H62
.....gaagcucgucucuaacagguaucu.....	78	0	H62
.....gaagcucgucucuaacagguaucuA.....	1	1	H62
.....gaagcucgucucuaacagguaucuU.....	1	1	H62
.....ucacggcuggaagagaaacaacugcaca.....	1	0	H62
.....uacccugaagaucggggcuu.....	2	0	A53
.....uacccugaagaucggggcuuuu.....	9	0	A53
.....uacccugaagaucggggcuuuug.....	2	0	A53
.....uacccugaagaucggggcuuuugu.....	37	0	A53
.....uacccugaagaucggggcuuuugua.....	4	0	A53
.....uacccugaagaucggggcuuuuguaA.....	3	1	A53
.....uacccugaagaucggggcuuuuguagu.....	1	0	A53
.....accugaagaucggggcuAu.....	1	1	A53
.....accugaagaucggggcuuuu.....	2	0	A53
.....accugaagaucggggcuuuug.....	2	0	A53
.....acGcugaagaucggggcuuuug.....	1	1	A53
.....accugaagaucggggcuuuugu.....	11	0	A53
.....accugaagaucggggcuuuuguaU.....	1	1	A53
.....agaagcucgucucuaacaggua.....	1	0	A53
.....gaagcucgucucuaacaggu.....	1	0	A53
.....gaagcucgucucuaacagguauc.....	1	0	A53
.....gaagcucgucucuaacagguaucu.....	2	0	A53
.....aucuacccugaagaucggggcu.....	1	0	H11
.....cuacccugaagaucggggcuuuu.....	2	0	H11
.....cuacccugaagaucggggcuuuug.....	1	0	H11
.....cuacccugaagaucggggcuuuugu.....	9	0	H11
.....uacccugaagaucggggcu.....	4	0	H11
.....uacccugaagaucggggcuuuu.....	13	0	H11
.....uacccugaagaauAcgggcuuuu.....	1	1	H11
.....uacccGgaagaucggggcuuuu.....	1	1	H11
.....uacccugaagaucggggcuuGu.....	1	1	H11
.....uacccugaagaucgggUcuuuu.....	2	1	H11
.....Aacccugaagaucggggcuuuu.....	1	1	H11
.....uaAccugaagaucggggcuuuu.....	1	1	H11
.....uacccugaauAuccgggcuuuu.....	1	1	H11
.....uacccugaagaucggggcuuuu.....	110	0	H11
.....uacccugaagaucgggAcuuuu.....	1	1	H11
.....uacccugaagaucgggCcuuuug.....	1	1	H11
.....uacccugaagaucggggcuuuug.....	94	0	H11
.....uacccugaagaucggggcuuuuU.....	3	1	H11
.....uacccugaagaucgggUcuuuug.....	2	1	H11
.....uacccugaagaucggggcAuuuugu.....	3	1	H11
.....uacccugaagaucCgggcuuuugu.....	1	1	H11
.....uacccugaagaucggggcuuGugu.....	3	1	H11
.....uacccugaagaucggggcuuuugC.....	2	1	H11
.....uacccAgaagaucggggcuuuugu.....	2	1	H11
.....uacccugaagaucggUgcuuuuugu.....	2	1	H11
.....uacccuCaagaucggggcuuuugu.....	1	1	H11
.....uacccugaagGuccgggcuuuugu.....	1	1	H11
.....uacccugaagaucggggcGuuuugu.....	2	1	H11
.....uacccugaagaucggggcuuuugA.....	28	1	H11
.....uacccugaagaucggggcuGuugu.....	2	1	H11
.....uacccugaagaucggggcuuuugG.....	1	1	H11
.....uacccugaagaucUgggcuuuugu.....	1	1	H11

## Mature

## Star

uuuauaggcacaucgugaucuacccugaaagauccgggcuuuuuguaguguuguuaucaacagagaagcucgucucuaacagguaucucacgggcuggaagagaaacaacugcacaaaug			
.....uacccugaagauccgggcuuuuUu.....	2	1	H11
.....uacccugaagauccgggcuuuCgu.....	1	1	H11
.....uacccugaaaAauccgggcuuuugu.....	2	1	H11
.....uaGccugaagauccgggcuuuugu.....	3	1	H11
.....uacccugaagauccggCcuuuugu.....	2	1	H11
.....uacccugaagauccgggcuuuAgu.....	3	1	H11
.....uacUcugaagauccgggcuuuugu.....	1	1	H11
.....uacccugaagaAacgggcuuuugu.....	1	1	H11
.....uaccUugaagauccgggcuuuugu.....	1	1	H11
.....uacccugaagauccgggUuuugu.....	2	1	H11
.....uacccugaGgauccgggcuuuugu.....	1	1	H11
.....uacccugaagauccggAcuuuugu.....	6	1	H11
.....uacccugaagauccgggcuuuugu.....	2027	0	H11
.....uacccugaagauccggUcuuuugu.....	2	1	H11
.....uacAcugaagauccgggcuuuugu.....	1	1	H11
.....uaUccugaagauccgggcuuuugu.....	1	1	H11
.....uacccugaagUuccgggcuuuugu.....	1	1	H11
.....uacccugaagauccgggCuuugu.....	1	1	H11
.....uaAccugaagauccgggcuuuugu.....	5	1	H11
.....uacccugaagaucaAgggcuuuugu.....	1	1	H11
.....uacccugaaUauccgggcuuuugu.....	1	1	H11
.....uacccugaagauccgggcuuuGgu.....	1	1	H11
.....uacccugaagauUgggcuuuugu.....	1	1	H11
.....uacccugaagauccgggcuuuugAa.....	1	1	H11
.....uacccugaagauccgggcuuuugua.....	22	0	H11
.....uacccugaagauccgggcuuAugua.....	1	1	H11
.....uacccugaagauccgggcuuuuguU.....	20	1	H11
.....uacccugaagauccgggcuuuuguaA.....	7	1	H11
.....accugaagauccgggcuuu.....	6	0	H11
.....accugaagauccgggcuuu.....	13	0	H11
.....accugaagauccgggUuuu.....	1	1	H11
.....accugaagauccgggcuuuC.....	1	1	H11
.....accugaagauccgggGuuu.....	1	1	H11
.....accugaagauccgggcuuuCg.....	1	1	H11
.....accugaagauccgggcuuuug.....	43	0	H11
.....accugaagauccgggcuuuugu.....	672	0	H11
.....accugaagauccgggGuuuugu.....	3	1	H11
.....accuUaagauccgggcuuuugu.....	1	1	H11
.....accugaagauccgggcuGuugu.....	1	1	H11
.....accugaagauccgggcuuuugG.....	1	1	H11
.....accugaagauccgCgcuuugu.....	1	1	H11
.....accugaagauccgggcuuuugA.....	5	1	H11
.....acGcugaagauccgggcuuuugu.....	1	1	H11
.....accugaagauccgUgcuuugu.....	1	1	H11
.....accugaagauccgggAuuuugu.....	2	1	H11
.....accugaagauccgggcuuuugAa.....	1	1	H11
.....accugaagauccgggcuuuuguU.....	3	1	H11
.....accugaagauccgggcuuuugua.....	10	0	H11
.....accugaagauccgggcuuuGgua.....	1	1	H11
.....accugaagauccgggcuuuuguauU.....	1	1	H11
.....accugaagauccgggcuuuuguaguguuguuaucaaca.....	1	0	H11
.....agaagcucgucucuaacaggua.....	1	0	H11
.....agaagcucgucucuaacagguauc.....	17	0	H11
.....agaagcucgucucuaacagguaU.....	1	1	H11
.....agaagcucgucucuaacagguauc.....	1	0	H11
.....gaagcucgucucuaacagg.....	2	0	H11
.....gaagcucgucucuaacaggu.....	14	0	H11
.....gaagcucgucucuaacaggua.....	16	0	H11
.....gaagcucgucucuaacaAugua.....	1	1	H11
.....gaagcucgucucuaacaggua.....	7	0	H11
.....gaagcucgucucuaacaAugua.....	1	1	H11
.....gaagcucgucucuaacagguauc.....	110	0	H11
.....gaagcucgucucuaUguauc.....	1	1	H11
.....gaagcucgucucuaacagguaUG.....	1	1	H11
.....gaagAucgucucuaacagguauc.....	1	1	H11
.....gaagcucgucucuaacagguauc.....	63	0	H11
.....gaagcucgucucuaacagguCucu.....	1	1	H11
.....gaUgcucgucucuaacagguauc.....	1	1	H11
.....gaagcucgucucuaacagguaucA.....	1	1	H11
.....gaagcucgucucuaacagguaucU.....	2	1	H11



## Mature

## Star

uuuauaggcacaucgugaucuacccugaagaucgaggcuuuuuguaguguuguuaucaacagaagcucgucucacagguaucucacggcuggaagagaaacaacugcacaaaug

.....ucuaaccugaagaucgaggcu.....	1	0	E12
.....ucuaaccugaagaucgaggcuuu.....	2	0	E12
.....cuaccugaagaucgaggcuuuu.....	2	0	E12
.....cuaccugaagaucgaggcuuuugu.....	8	0	E12
.....uacccugaagaucgaggcu.....	2	0	E12
.....uacccugaagaucgaggcuu.....	3	0	E12
.....uacccugaagaucgaggcuuu.....	5	0	E12
.....uacccugaagaucgaggcuuuu.....	71	0	E12
.....uacccugaagaucgaggcuuuu.....	1	1	E12
.....uaccAugaagaucgaggcuuuu.....	1	1	E12
.....uacccugaagaucgaggcuuuu.....	1	1	E12
.....uGccugaagaucgaggcuuuu.....	1	1	E12
.....uacccugaGgaucgaggcuuuu.....	1	1	E12
.....uacccugaagaucgaggcuuuuA.....	2	1	E12
.....uacccugaagaucgaggcuuCug.....	1	1	E12
.....uacccugaagaucgaggcuuuuU.....	3	1	E12
.....uacccugaagaucgaggcuuuug.....	71	0	E12
.....uacccugaagaucgaggcuuuugu.....	1	1	E12
.....uacccugaagaucgaggcuuCugu.....	1	1	E12
.....uacccugaagaucgaggcuuuugu.....	1	1	E12
.....uacccGgaagaucgaggcuuuugu.....	1	1	E12
.....uaUccugaagaucgaggcuuuugu.....	2	1	E12
.....uacccugaagaucgaggcuuuuA.....	10	1	E12
.....uacccugaagaucgaggcuuuugu.....	2	1	E12
.....uaccGugaagaucgaggcuuuugu.....	4	1	E12
.....uacccugaagaucgaggcuuuugu.....	1	1	E12
.....uacccugaagaucgaggcuuuugu.....	1	1	E12
.....uacccugaagaucgaggcuuuugu.....	2123	0	E12
.....uaAccugaagaucgaggcuuuugu.....	1	1	E12
.....uacccugaaUaucgaggcuuuugu.....	1	1	E12
.....uacccugaagaucgaggcuuAugu.....	2	1	E12
.....uacccugaagaucgaggcuuuuUu.....	1	1	E12
.....uacccugaagaucgaggcuuuuugG.....	2	1	E12
.....uacccugaagaucgaggcuuuuCu.....	1	1	E12
.....uacccugaagaucgaggcuuuugu.....	3	1	E12
.....uacccugaagaucgaggcuuuugu.....	4	1	E12
.....uacccugaagGuccgaggcuuuugu.....	1	1	E12
.....uacccugCagaucgaggcuuuugu.....	1	1	E12
.....uacccugaagaucgaggcuuGugu.....	1	1	E12
.....uacccugaagaAccgaggcuuuugu.....	1	1	E12
.....uacccugaUgaucgaggcuuuugu.....	1	1	E12
.....uaccAugaagaucgaggcuuuugu.....	6	1	E12
.....uaGccugaagaucgaggcuuuugu.....	3	1	E12
.....uacccugaagaucgaggcuuuugu.....	2	1	E12
.....uacUcugaagaucgaggcuuuugu.....	1	1	E12
.....uacccugaagaucgaggcuuuuguA.....	23	0	E12
.....uacccugaagaucgaggcuuuugAa.....	1	1	E12
.....uacccugaagaucgaggcuuuuguU.....	21	1	E12
.....uacccugaagaucgaggcuuuuguAa.....	4	1	E12
.....uacccugaagaucgaggcuuuuguUu.....	3	1	E12
.....uacccugaagaucgaggcuuuuguAa.....	1	1	E12
.....accugaagaucgaggcuuu.....	1	0	E12
.....accugaagaucgaggcuuuu.....	6	0	E12
.....accugaagaucUggcuuuu.....	1	1	E12
.....accugaagaucgaggcuuuug.....	18	0	E12
.....accugaagaucgaggcuuuug.....	1	1	E12
.....acUcugaagaucgaggcuuuugu.....	1	1	E12
.....accugaagaucgaggcuuuugu.....	1	1	E12
.....accugaagaucgaggcuuuugu.....	1	1	E12
.....accGgaagaucgaggcuuuugu.....	3	1	E12
.....acGcugaagaucgaggcuuuugu.....	1	1	E12
.....accGgaagaucgaggcuuuugu.....	2	1	E12
.....accugaagaAccgaggcuuuugu.....	1	1	E12
.....accugaagaucgaggcuuug.....	3	1	E12
.....accugaagaucgaggcuuuGgu.....	1	1	E12
.....accugaagaucgaggcuuuugu.....	1	1	E12
.....accAgaagaucgaggcuuuugu.....	1	1	E12
.....accugaagaucgaggcuuuugu.....	584	0	E12
.....accugaagaucgaggcuuuuguA.....	10	0	E12

## Mature

## Star

uuuauaggcacaucgugaucuacccugaaagaucggggcuuuuguaguguuguuaucaacagaagcucgucucucacagguaucucacggcuggaagagaaacaacugcacaaaug

.....accugaaagaucggggcuuuuguU.....	1	1	E12
.....accugaaagaucgCGcuuuuguA.....	1	1	E12
.....accugaaagaucggggcuuuuguAA.....	1	1	E12
.....ccugaaagaucggggcuuuugu.....	1	0	E12
.....ccugaaagaucggggcuuuugu.....	1	0	E12
.....agaagcucgucucucacagguau.....	3	0	E12
.....agaagcucgucucucacagguauc.....	19	0	E12
.....gaagcucgucucucacagg.....	2	0	E12
.....gaagcucCucucucacaggu.....	1	1	E12
.....gaagcucgucucucacaggu.....	15	0	E12
.....gaagcucgucucucacagguA.....	12	0	E12
.....gaagcucgucucucacagguau.....	11	0	E12
.....gaagcucgucucucacagguauc.....	30	0	E12
.....gaagcucgucucucUgguaucu.....	1	1	E12
.....gaagcucgucucucacagguaucG.....	1	1	E12
.....gaagcucgucucucacagguaucu.....	66	0	E12
.....gaCgcucgucucucacagguaucu.....	1	1	E12
.....gaagcucgucucucacagguaucuU.....	1	1	E12
.....cuacccugaagaucggggcuuu.....	1	0	H42
.....cuacccugaagaucggggcuuu.....	2	0	H42
.....cuacccugaagaucggggcuuuugu.....	2	0	H42
.....cuacccugaagaucggggcuuuuguAU.....	1	1	H42
.....uacccugaagaucggggcu.....	9	0	H42
.....uacccugaagaucggggcuu.....	6	0	H42
.....uacccugaagaucggggcuuu.....	56	0	H42
.....uacccugaagaucUggcuuu.....	1	1	H42
.....uacccugaagaucUggcuuuu.....	1	1	H42
.....uacccugaagaucgggAuuuu.....	1	1	H42
.....uacccugaagaucggggcuuu.....	217	0	H42
.....uacccugaagaucggggcuuuU.....	13	1	H42
.....uacccugaagaucggggcuuuuA.....	3	1	H42
.....uaccAugaagaucggggcuuuug.....	1	1	H42
.....uacccugaagaucggggcuuuug.....	108	0	H42
.....uaccUugaagaucggggcuuuug.....	1	1	H42
.....uaccugGagaucggggcuuuugu.....	1	1	H42
.....uaUccugaagaucggggcuuuugu.....	1	1	H42
.....uacccugaagaucggggcGuuugu.....	4	1	H42
.....uaAccugaagaucggggcuuuugu.....	1	1	H42
.....uacccugaagaucggggUuuuugu.....	1	1	H42
.....uacccugaagaucggggcuuuUu.....	9	1	H42
.....uacccugaagaucggggcuuuuAu.....	1	1	H42
.....uacccugaagaucAggcuuuugu.....	2	1	H42
.....uacccugaaUaucggggcuuuugu.....	1	1	H42
.....uaccAugaagaucggggcuuuugu.....	6	1	H42
.....uacccugaagUuccggggcuuuugu.....	1	1	H42
.....uacccugaagaucggggcuUGugu.....	1	1	H42
.....uacccugaagaucggggcAuugu.....	4	1	H42
.....uacccugaagaucCggcuuuugu.....	3	1	H42
.....uacAcugaagaucggggcuuuugu.....	1	1	H42
.....uacccugaagaucggggcuuuugC.....	2	1	H42
.....uaccGugaagaucggggcuuuugu.....	2	1	H42
.....uaccUugaagaucggggcuuuugu.....	2	1	H42
.....uacccugaagaucggggcuuuugu.....	1804	0	H42
.....uacccugaagaucAgggcuuuugu.....	1	1	H42
.....uacccugaagaucUggggcuuuugu.....	1	1	H42
.....uacccugaagauUcggggcuuuugu.....	1	1	H42
.....uacccugaagaucggggcuuuuC.....	1	1	H42
.....uacccugaagaucggggcuuuuA.....	40	1	H42
.....uacccugaagaucUggcuuuugu.....	3	1	H42
.....uacccugaagaucgggUcuuuugu.....	1	1	H42
.....uacccugaagaucggggcuuuuguU.....	19	1	H42
.....uacccugaagaucggggcuuuuguA.....	84	0	H42
.....uacccugaagaucggggcuuuuguG.....	2	1	H42
.....uacccugaagaucggggcuuuugAa.....	7	1	H42
.....uaccUugaagaucggggcuuuuguA.....	1	1	H42
.....uacccugaagaucggggcuuuuguAU.....	13	1	H42
.....uacccugaagaucggggcuuuuguAA.....	27	1	H42
.....uacccugaagaucggggcuuuuguAU.....	2	1	H42
.....uacccugaagaucggggcuuuuguAAu.....	3	1	H42

## Mature

## Star

uuuauaggcacaucgugaucuaccucugaagauccgggcuuuuaguuguuuaucaacagaaagcucgucucuaacagguaucucacggcuggaagagaacaacugcacaaaug			
.....accucugaagauccgggcu.....	4	0	H42
.....accucugaagauccgggcuu.....	1	0	H42
.....accucugaagauccgggcuuu.....	2	0	H42
.....accucugaagauccgggcuuuu.....	25	0	H42
.....accucugaagauccgggcuuuuU.....	1	1	H42
.....accucugaagauccgggcuuuug.....	40	0	H42
.....accucugaagauccgggcuuuuA.....	2	1	H42
.....accucugaagauccgggcuCuugu.....	1	1	H42
.....accucugaagauccgggcuuuugu.....	1	1	H42
.....accucugaagauccgggAuuuugu.....	2	1	H42
.....accucugaagauccgggcuAuugu.....	2	1	H42
.....accuAgaagauccgggcuuuugu.....	1	1	H42
.....accucugaagauccgggcuuuugA.....	7	1	H42
.....accuAgaagauccgggcuuuugu.....	4	1	H42
.....accuAgaagauccgggcuuuugu.....	1	1	H42
.....accucugaagauUcgggcuuuugu.....	1	1	H42
.....accucugaagauccgggcuuuugu.....	2	1	H42
.....accucugaagauccgggcuuuuU.....	1	1	H42
.....accucuaagauccgggcuuuugu.....	1	1	H42
.....accucugaagauccgUgcuuugu.....	3	1	H42
.....accucugaagauccgggcuuuugu.....	604	0	H42
.....accucugaGgaucgggcuuuugu.....	1	1	H42
.....accucugaagauccgggcuuuugC.....	1	1	H42
.....accucugaagauccgCgcuuugu.....	1	1	H42
.....accucugaagauccgggcuuuugAa.....	1	1	H42
.....accucugaagauccgggcuuuugua.....	49	0	H42
.....accucugaagauccgggcuuuuguG.....	1	1	H42
.....accucugaagauccgggcuuuuguU.....	17	1	H42
.....accucugaagauccgggAuuuugua.....	1	1	H42
.....accucugaagauccgggcuuuuguaU.....	7	1	H42
.....accucugaagauccgggcuuuuguaA.....	6	1	H42
.....accucugaagauccgggcuuuuguaUu.....	1	1	H42
.....accucugaagauccgggcuuuuguaAu.....	1	1	H42
.....accucugaagauccgggcuuuuguUgu.....	1	1	H42
.....accucugaagauccgggcuuuuguagA.....	1	1	H42
.....ccucugaagauccgggcuuuugu.....	3	0	H42
.....ccucugaagauccgggcuuuugu.....	1	0	H42
.....agaagcucgucucuaacaggua.....	1	0	H42
.....agaagcucgucucuaacaggua.....	2	0	H42
.....agaagcucgucucuaacaggua.....	2	0	H42
.....agaagcucgucucuaacaggua.....	23	0	H42
.....agaagcucgucucuaacaggua.....	1	0	H42
.....gaagcucgucucuaacaggua.....	22	0	H42
.....gaagcucgucucuaacaggua.....	32	0	H42
.....gaagcucgucucuaacagguaU.....	1	1	H42
.....gaagcucgucucuaacaggua.....	20	0	H42
.....gaagcucgucucuaUaggua.....	1	1	H42
.....gaagcucgucucuaacagguaG.....	1	1	H42
.....gaagcucgucucuaacaggua.....	158	0	H42
.....gaagcCgcucucuaacaggua.....	1	1	H42
.....gaagcucgucucuaCgua.....	1	1	H42
.....Uaagcucgucucuaacaggua.....	1	1	H42
.....gaagcucgucucuaacaggua.....	58	0	H42
.....gaagcucgucucuaacaggua.....	2	1	H42
.....cuaccucugaagauccgggcuuuu.....	1	0	A21
.....uaccucugaagauccgggcuuu.....	1	0	A21
.....uaccucugaagauccgggcuuuu.....	4	0	A21
.....uaccucugaagauccgggcuuuug.....	2	0	A21
.....uaccucugaagauccUggcuuuugu.....	1	1	A21
.....uaccucugaagauccgggcuuuugu.....	70	0	A21
.....uaccucugaagauccgggcuuuugA.....	1	1	A21
.....uaccucugaagauccgggcuuuuguU.....	1	1	A21
.....uaccucugaagauccgggcuuuugua.....	2	0	A21
.....uaccucugaagauccgggcuuuuguaA.....	1	1	A21
.....accucugaagauccgggcuuuug.....	2	0	A21
.....accucugaagauccgggcuuuugu.....	22	0	A21
.....gaagcucgucucuaacaggua.....	1	0	A21
.....gaagcucgucucuaacaggua.....	6	0	A21
.....gaagcucgucucuaacaggua.....	2	0	A21

## Mature

## Star

uuuauaggcacaucgugaucuacccugaagauccgggcuuuuguaguguuguuaucaacagaagcucgucucuacagguaucucacggcuggaagagaaacaacugcacaaaug

.....uacccugaagauccgggcuuuu.....	2	0	A34
.....uacccugaagauccgggcuuuug.....	1	0	A34
.....uaccGugaagauccgggcuuuugu.....	1	1	A34
.....uacccugaagauccgggcuuuGgu.....	1	1	A34
.....uacccugaagauccgggcuuuugu.....	38	0	A34
.....uacccugaagauccgggcuuuugua.....	2	0	A34
.....uacccugaagauccgggcuuuuguU.....	2	1	A34
.....uacccugaagauccgggcuuuuguAU.....	1	1	A34
.....accuugaagauccgggcuuuug.....	1	0	A34
.....accuugaagauccgggcuuuugu.....	11	0	A34
.....agaagcucgucucuacagguauc.....	1	0	A34
.....gaagcucgucucuacagguauc.....	1	0	A34
.....uacccugaagauccgggcuuuu.....	1	0	A33
.....uacccugaagauccgggcuuuug.....	4	0	A33
.....uacccugaagauccAggcuuuugu.....	1	1	A33
.....uacccugaagauccgUgcuuuugu.....	1	1	A33
.....uacccugaagauccgggcuuuuGA.....	1	1	A33
.....uacccugaagauccgggcuuuugu.....	53	0	A33
.....uacccGgaagauccgggcuuuugu.....	1	1	A33
.....uacccugaagauccgggcuuuugua.....	3	0	A33
.....accuugaagauccgggcuuuug.....	2	0	A33
.....accuugaagauccgggcuuuugu.....	15	0	A33
.....gaagcucgucucuacaggua.....	1	0	A33
.....gaagcucgucucuacagguauc.....	3	0	A33
.....cuacccugaagauccgggcu.....	1	0	R73
.....uacccugaagauccgggcu.....	1	0	R73
.....uacccugaagauccgggcuuuu.....	14	0	R73
.....uacccugaagauccgggcuuuuU.....	1	1	R73
.....uacccugaagauccgggcuuuug.....	8	0	R73
.....uaccUugaagauccgggcuuuugu.....	1	1	R73
.....uacccugaagauccgggcuuGugu.....	1	1	R73
.....uacccugaagauccgggcuuuuGA.....	5	1	R73
.....uacccugaagauccgggcuuuugu.....	100	0	R73
.....uacccugaagauccgggcuuuuguU.....	1	1	R73
.....uacccugaagauccgggcuuuuguAU.....	1	1	R73
.....uacccugaagauccgggcuuuuguAA.....	1	1	R73
.....accuugaagauccgggcuuu.....	1	0	R73
.....accuugaagauccgggcuuuug.....	1	0	R73
.....accuugaagauccggCcuuuugu.....	1	1	R73
.....accuugaagauccgggcuuuugu.....	25	0	R73
.....accuugaagauccgggcuuuugua.....	1	0	R73
.....accuugaagauccgggcuuuuguAA.....	1	1	R73
.....ccuugaagauccgggcuuuu.....	1	0	R73
.....gaagcucgucucuacaggua.....	2	0	R73
.....gaagcucgucucuacagguau.....	1	0	R73
.....gaagcucgucucuacagguauc.....	3	0	R73
.....gaagcucgucucuacagguauacu.....	3	0	R73
.....cuacccugaagauccgggcu.....	1	0	E14
.....cuacccugaagauccgggcuuu.....	2	0	E14
.....cuacccugaagauccgggcuuuugu.....	6	0	E14
.....cuacccugaagauccgggcuuuuguAU.....	1	1	E14
.....uaccAugaagauccgggc.....	1	1	E14
.....uacccugaagauccgggcu.....	2	0	E14
.....uacccugaagauccgggcuu.....	2	0	E14
.....uacccugaagauccgggcuuu.....	7	0	E14
.....uacccugaagUuccgggcuuuu.....	1	1	E14
.....uacccugaagauccgggcuuuu.....	74	0	E14
.....uacccugaagauccgggcuuuug.....	77	0	E14
.....uacccugaagauccggUcuuuug.....	1	1	E14
.....uacccugaagauccgggcuuuuU.....	4	1	E14
.....uaccAugaagauccgggcuuuug.....	2	1	E14
.....uacccugaagauccgggcGuuugu.....	8	1	E14
.....uacccugaagauccgggcuuuuCu.....	2	1	E14
.....uaccUugaagauccgggcuuuugu.....	2	1	E14
.....uaccGugaagauccgggcuuuugu.....	4	1	E14
.....uUccuugaagauccgggcuuuugu.....	1	1	E14

**Mature** **Star**

Star

uuauaggcacauccgugaucuacccugaaagauccggggcuuuuuguaaguguuuuaucaacagaagcucgucucuacagguaucucacggcuggaagagaaacaacugcacaaaug			
.....uacccugaagauccUgggcuuuuugu.....	3	1	E14
.....uacccugaagauccAgggcuuuugu.....	2	1	E14
.....uacccugaagauccgAgcuuuuugu.....	3	1	E14
.....uacccugaagauccgggcuuuuuGA.....	5	1	E14
.....uacccugaagauGggggcuuuugu.....	1	1	E14
.....uacccugaagauccggggcuuCugu.....	1	1	E14
.....uacccugaagauccCggcuuuugu.....	1	1	E14
.....Cacccugaagauccggggcuuuugu.....	1	1	E14
.....uaccAugaagauccggggcuuuugu.....	7	1	E14
.....uaGccugaagauccgggcuuuuugu.....	8	1	E14
.....uacccugaagUuccggggcuuuugu.....	2	1	E14
.....uacccugaagauAcgggcuuuugu.....	1	1	E14
.....uacccugaagauccgggcuCuuugu.....	1	1	E14
.....uacccuAaagauccgggcuuuuugu.....	2	1	E14
.....uacccugaagauccAggcuuuuugu.....	2	1	E14
.....uacccugaagauccgggcuuuAgu.....	1	1	E14
.....uacccugaagauccUgggcuuuuugu.....	2	1	E14
.....uacccugaagauccgggcAUuuugu.....	5	1	E14
.....uacccugaagauccgUgcuuuuugu.....	1	1	E14
.....uacccugaagauccgggUuuuuugu.....	1	1	E14
.....uacccugaagauUcgggcuuuuugu.....	1	1	E14
.....uacccugaagauccgggcuuuuugu.....	2360	0	E14
.....uacccAgaagauccgggcuuuuugu.....	1	1	E14
.....uaAoccugaagauccgggcuuuuugu.....	5	1	E14
.....uacccugaagauccgggcuuuuUu.....	4	1	E14
.....uacccugaagauccggCcuuuugu.....	3	1	E14
.....uacccugaagauccgggcCuuuugu.....	3	1	E14
.....uacccugaagauccgggcuuuuAu.....	2	1	E14
.....uacccugaagauccgggcuuuuuguU.....	23	1	E14
.....uacccugaagauccgggcuuuuugua.....	32	0	E14
.....uacccugaagauccgggcuuGugua.....	1	1	E14
.....uacccugaagauccgggcuuuugAa.....	1	1	E14
.....uacccugaagauccgggcuuuuuguaU.....	3	1	E14
.....uacccugaagauccgggcuuuuuguaA.....	1	1	E14
.....uacccugaagauccgggcuuuuuguaUu.....	1	1	E14
.....accucgaCgauccgggcuuuu.....	1	1	E14
.....accucgaagauccgggcuuuu.....	5	0	E14
.....accucgaagauccgggcuuuug.....	18	0	E14
.....accucgaagauccgggcuuuAugu.....	1	1	E14
.....accucgaagauccgggUuuuuugu.....	1	1	E14
.....accucgaagauccggUcuuuugu.....	1	1	E14
.....accucgaagauccgUgcuuuuugu.....	1	1	E14
.....accucgaagauccgggcUuuugu.....	2	1	E14
.....accucgaagauccgggcuuuuugu.....	668	0	E14
.....accucgaagauccgAgcuuuuugu.....	2	1	E14
.....accucgaagauccgggcuuuuAu.....	1	1	E14
.....accucgaagauccgggGuuuugu.....	1	1	E14
.....acAcugaagauccgggcuuuuugu.....	2	1	E14
.....accucgaagauccgggAuuuugu.....	1	1	E14
.....accucgaagauccgggcuuuuuguU.....	1	1	E14
.....acGcuugaagauccgggcuuuuugua.....	1	1	E14
.....accucgaagauccgggcuuuuugua.....	10	0	E14
.....ccugaagauccgggcuuuuugu.....	1	0	E14
.....cugaagauccgggcuuuuugu.....	1	0	E14
.....agaagcucgucucuacaggua.....	2	0	E14
.....agaagcucgucucuacagguauc.....	32	0	E14
.....agaagcucgucucuacagguauc.....	1	0	E14
.....gaagcucgucucuacaggua.....	18	0	E14
.....gaagcucgucucuacaggua.....	24	0	E14
.....gaagcucgucucuacaggua.....	6	0	E14
.....gaagcucgucucuacaggAa.....	1	1	E14
.....gaagAucgucucuacaggua.....	1	1	E14
.....gaagcCcgucucuacagguauc.....	1	1	E14
.....gaagcucgucucuacagguaCc.....	1	1	E14
.....gaagcucgucucuacagguauc.....	80	0	E14
.....gaagcucgucucuacaggAuauc.....	1	1	E14
.....gaagcuUgucucuacagguauc.....	1	1	E14
.....gaagcucgucucuacCgguauc.....	1	1	E14
.....gaagcucgucucuacagguauc.....	90	0	E14
.....gaagcucgucucuacagguaA.....	1	1	E14

## Mature

## Star

uuuauaggcacaucgugaucuacccugaagaucccgggcuuuuguaguguuguuaucaacagaagcucgucucuacagguaucucacggcuggaagagaaacaacugcacaaaug

.....gaagcucgucuc <u>uacagguau</u> cU.....	3	1	E14
.....cuacccugaagauc <u>ccgggcuuuu</u> .....	1	0	H41
.....uacccugaagauc <u>ccgggcu</u> .....	4	0	H41
.....uacccugaagauc <u>ccgggcuu</u> .....	2	0	H41
.....uacccugaagauc <u>ccgggcuuu</u> .....	25	0	H41
.....Cacccugaagauc <u>ccgggcuuuu</u> .....	1	1	H41
.....uacccugaagauc <u>cgUgcuuuu</u> .....	1	1	H41
.....uacccugaagauc <u>ccgggcAuuu</u> .....	1	1	H41
.....uaccAugaagauc <u>ccgggcuuuu</u> .....	2	1	H41
.....uacccugaagauc <u>ccgggcuuuu</u> .....	181	0	H41
.....uacccugaagauc <u>ccAggcuuuu</u> .....	1	1	H41
.....uaAccugaagauc <u>ccgggcuuuu</u> .....	1	1	H41
.....uaccGugaagauc <u>ccgggcuuuu</u> .....	1	1	H41
.....uaAccugaagauc <u>ccgggcuuuug</u> .....	1	1	H41
.....uaccAugaagauc <u>ccgggcuuuug</u> .....	1	1	H41
.....uacccugaagauc <u>ccgggcuuuuA</u> .....	2	1	H41
.....uacccugaagauc <u>ccgggcuuAug</u> .....	1	1	H41
.....uacccugaagauc <u>ccgggcuuuCg</u> .....	1	1	H41
.....uacccugaagauc <u>ccgggcuuuuU</u> .....	4	1	H41
.....uacccugaagauc <u>ccgggcuuuug</u> .....	82	0	H41
.....uacccugaa <u>Au</u> ccgggcuuuugu.....	1	1	H41
.....uacccugaagauc <u>ccgggcAuuuugu</u> .....	2	1	H41
.....uacccugaagauc <u>ccgggcuuuuUu</u> .....	2	1	H41
.....uaccGugaagauc <u>ccgggcuuuugu</u> .....	1	1	H41
.....uacccugaagauc <u>ccgggcuuuugA</u> .....	29	1	H41
.....uacccugaagauc <u>cgUgcuuuugu</u> .....	1	1	H41
.....uacccugaagauc <u>ccgggcuuuCgu</u> .....	1	1	H41
.....uacccugaagauc <u>ccgggcuuuuugG</u> .....	1	1	H41
.....uacccugaagauc <u>ccgggcGuuugu</u> .....	5	1	H41
.....Aacccugaagauc <u>ccgggcuuuugu</u> .....	1	1	H41
.....uaGccugaagauc <u>ccgggcuuuugu</u> .....	2	1	H41
.....uacccugaagauc <u>ccGgcuuuugu</u> .....	1	1	H41
.....uaAccugaagauc <u>ccgggcuuuugu</u> .....	3	1	H41
.....uacccugaagauc <u>Agggcuuuugu</u> .....	2	1	H41
.....uacccugaag <u>Gucc</u> gggcuuuugu.....	1	1	H41
.....uacccugaagauc <u>ccgggcuuGugu</u> .....	1	1	H41
.....uaccAugaagauc <u>ccgggcuuuugu</u> .....	2	1	H41
.....uacccugaagauc <u>ccggCcuuuugu</u> .....	2	1	H41
.....uGcccuagaagauc <u>ccgggcuuuugu</u> .....	1	1	H41
.....uacccugGagauc <u>ccgggcuuuugu</u> .....	1	1	H41
.....uacccugaagauc <u>ccgggcuuAugu</u> .....	1	1	H41
.....uacccugaa <u>Uauc</u> ccgggcuuuugu.....	1	1	H41
.....uacccugaagauc <u>ccgggcuuuugC</u> .....	1	1	H41
.....uacUcugaagauc <u>ccgggcuuuugu</u> .....	1	1	H41
.....uacccugaagauc <u>ccgggcCuuugu</u> .....	1	1	H41
.....uacccugaagauc <u>ccgggcuuCugu</u> .....	2	1	H41
.....uacccuCaagauc <u>ccgggcuuuugu</u> .....	1	1	H41
.....uaUccugaagauc <u>ccgggcuuuugu</u> .....	1	1	H41
.....uacccugaagauc <u>ccgggcuuuuAu</u> .....	1	1	H41
.....uacccugaagauc <u>ccgggcuuuugu</u> .....	1560	0	H41
.....uacccugaagauc <u>ccgggcuuuugAa</u> .....	10	1	H41
.....uaccAugaagauc <u>ccgggcuuuugua</u> .....	1	1	H41
.....uacccugaagauc <u>ccgggcuuuugGa</u> .....	1	1	H41
.....uacccugaagauc <u>ccgggcuuuugua</u> .....	81	0	H41
.....uacccugaagauc <u>ccgggcuuuuguU</u> .....	20	1	H41
.....Cacccugaagauc <u>ccgggcuuuugua</u> .....	1	1	H41
.....uacccugaagauc <u>ccgggcuuuuguaA</u> .....	35	1	H41
.....uacccugaagauc <u>ccgggcuuuuguaU</u> .....	6	1	H41
.....uacccugaagauc <u>ccgggcuuuuguaAu</u> .....	1	1	H41
.....acccuagauc <u>ccgggcu</u> .....	4	0	H41
.....acccuagaagauc <u>ccgggcuuu</u> .....	1	0	H41
.....acccuagaagauc <u>ccgggcuuuu</u> .....	15	0	H41
.....acccuagaagauc <u>ccgggcuuuuU</u> .....	2	1	H41
.....acccuagaagauc <u>ccgggcuuuug</u> .....	27	0	H41
.....acccuagaag <u>Gucc</u> gggcuuuugu.....	1	1	H41
.....acccuagaagauc <u>ccgggcuuuCgu</u> .....	1	1	H41
.....acccuagaagauc <u>cgUgcuuuugu</u> .....	1	1	H41
.....acccuagaagauc <u>ccgggcuuuuAu</u> .....	1	1	H41
.....acccuagaagauc <u>ccgggcCuuugu</u> .....	1	1	H41

## Mature

## Star

uuuauaggcacaucgugaucuacccugaagauccgggcuuuuguaguguuguuaucaacagaagcucgucucuaacagguaucucacggcuggaagagaaacaacugcacaaaug

.....accugaagauccgAgcuuuugu.....	2	1	H41
.....accugaagauccgggcuuuugu.....	494	0	H41
.....accugaagauccgggAuuuugu.....	1	1	H41
.....accugaagauccgggGuuuugu.....	1	1	H41
.....accCGaagauccgggcuuuugu.....	1	1	H41
.....accugaagauccgggcuuuuG.....	10	1	H41
.....accugaagauccgggcuuuuG.....	1	1	H41
.....aAccugaagauccgggcuuuugu.....	1	1	H41
.....accGugaagauccgggcuuuugu.....	2	1	H41
.....accugaagauccgggcuuuuU.....	2	1	H41
.....accugaUgaucgggcuuuugu.....	1	1	H41
.....acAcugaagauccgggcuuuugu.....	1	1	H41
.....accugaagauccgggcuuuugua.....	39	0	H41
.....accugaagauccgggcuuuuGaa.....	1	1	H41
.....accugaagauccgggcuuuuGU.....	4	1	H41
.....accugaagauccgCgcuuuugua.....	1	1	H41
.....accugaagauccgggcuuuuGU.....	8	1	H41
.....accugaagauccgggcuuuuGuaA.....	11	1	H41
.....accugaagauccgggcuuuuGuaU.....	3	1	H41
.....accugaagauccgggcuuuuGuaAu.....	2	1	H41
.....agaagcucgucucuaacaggu.....	1	0	H41
.....agaagcucgucucuaacagguau.....	3	0	H41
.....agaagcucgucucuaacagguauc.....	18	0	H41
.....gaagcucgucucuaacaggu.....	11	0	H41
.....gaagcucgucucuaacaggua.....	28	0	H41
.....gaagcucguAucuaacaggua.....	1	1	H41
.....gaagcucgucucuaacagguaG.....	1	1	H41
.....gaagcucgucucuaacagguau.....	16	0	H41
.....gaagcucgucucuaacagguauc.....	155	0	H41
.....gaagcCcgucucuaacagguauc.....	1	1	H41
.....gaagcucgucucuaacagguaucu.....	34	0	H41
.....gaagcucgucucuaacagguauCu.....	2	1	H41
.....gaagcucgucucuaacagguauCuA.....	1	1	H41
.....aucuacccugaagauccgggcuuu.....	1	0	E24
.....cuacccugaagauccgggcu.....	1	0	E24
.....cuacccugaagauccgggcuuuu.....	1	0	E24
.....cuacccugaagauccgggcuuuugu.....	8	0	E24
.....uacccugaagauccgggc.....	1	0	E24
.....uacccugaagauccgggcu.....	6	0	E24
.....uacccugaagauccgggcuu.....	7	0	E24
.....uacccugaagauccgggcuuu.....	16	0	E24
.....uacccugaagauccggGUuuu.....	1	1	E24
.....uacccugaagauccgggcuuuG.....	1	1	E24
.....uacccugaagauccgggcuuuu.....	167	0	E24
.....uacccugaagauccggGAcuuu.....	1	1	E24
.....uaGccugaagauccgggcuuuu.....	2	1	E24
.....uacAcugaagauccgggcuuuu.....	1	1	E24
.....uacccugaagauccgggGGuu.....	1	1	E24
.....uacccugaagauccgggcuuuAug.....	1	1	E24
.....uaGccugaagauccgggcuuuug.....	1	1	E24
.....uacccugaagauccgggcuuuug.....	213	0	E24
.....uacccugaagauccgggcuuuuU.....	4	1	E24
.....uacccugaagauccgggcuuuGg.....	1	1	E24
.....uacccugaagauccggGUuuuug.....	1	1	E24
.....uacccugaagauccggGUcuuuuug.....	1	1	E24
.....uacccugaagGuccgggcuuuugu.....	1	1	E24
.....uacccugaagauUGgggcuuuugu.....	1	1	E24
.....uacccugaagauccgggcuAuugu.....	2	1	E24
.....uacccugaagauccgggcuuuuG.....	3	1	E24
.....uacccugaagauccgggcuuuGgu.....	1	1	E24
.....uacccugaagauccggGAcuuuugu.....	15	1	E24
.....uaUccugaagauccgggcuuuugu.....	1	1	E24
.....uacccugaagauccgggcuuuuU.....	5	1	E24
.....uacccuUaagauccgggcuuuugu.....	1	1	E24
.....uacccugaagauUcgggcuuuugu.....	1	1	E24
.....uacccugaGgaucgggcuuuugu.....	1	1	E24
.....uacccugaagauccgggcuuuCgu.....	2	1	E24
.....uacccugaagauccggCcuuuugu.....	15	1	E24

## Mature

## Star

uuuauaggcacaucgcgugaucuaccccgugaagauccggggcuuuuguaguguuguuaucaacagagaagcucgucucucacagguauucucacggcguggaagagaaacaacugcacaaaug

.....uaGccugaagauccggggcuuuugu.....	6	1	E24
.....uacccugaagauccggggcuuuugu.....	1	1	E24
.....uacccugaaCaucggggcuuuugu.....	2	1	E24
.....uacccugCagaucggggcuuuugu.....	1	1	E24
.....uacccugaagauccgggUcuuuugu.....	18	1	E24
.....uacccAgaagauccggggcuuuugu.....	3	1	E24
.....uacccugaagauccAgggcuuuugu.....	4	1	E24
.....uGcccgugaagauccggggcuuuugu.....	1	1	E24
.....uacccCgaagauccggggcuuuugu.....	1	1	E24
.....Cacccugaagauccggggcuuuugu.....	2	1	E24
.....uacccugaagauccggggcuCuugu.....	2	1	E24
.....uacccugaaUaucggggcuuuugu.....	2	1	E24
.....uacccugaagauccggggcuGuugu.....	4	1	E24
.....uacccugaagauccggggcAuugu.....	4	1	E24
.....uacccugaagauccgAgcuuuugu.....	2	1	E24
.....uacccugaagauAcgggcuuuugu.....	4	1	E24
.....uacAcugaagauccggggcuuuugu.....	4	1	E24
.....uacccugaagauccggggcGuugu.....	4	1	E24
.....uacccugaagauccgggUuuugu.....	1	1	E24
.....uacccugaagauccggggcuuAugu.....	6	1	E24
.....uacccugaagauccggggcuuGugu.....	4	1	E24
.....uaAccugaagauccggggcuuuugu.....	6	1	E24
.....uacccugaagauccggggcCuugu.....	3	1	E24
.....uacccugaagCuccggggcuuuugu.....	1	1	E24
.....uacccugaagUuccggggcuuuugu.....	1	1	E24
.....uacccugaagaucccgUgcuuugu.....	1	1	E24
.....uacccugaagauccggggcuuCuugu.....	3	1	E24
.....uacccugaagauccggggcuuuugu.....	4915	0	E24
.....uacccugaagauccAgggcuuuugu.....	2	1	E24
.....uacccUugaagauccggggcuuuugu.....	3	1	E24
.....uacccugaagauccggggcuuAugu.....	2	1	E24
.....uacccugaagauccggggcuuuugA.....	13	1	E24
.....uacccugaagauccggggcuuuuguU.....	34	1	E24
.....uacccugaagauccggggcuuuugua.....	75	0	E24
.....uacccugaagauccggggcuuuugAa.....	1	1	E24
.....uacccugaagauccggggcuuuuguaA.....	11	1	E24
.....uacccugaagauccggggcuuuuguaU.....	18	1	E24
.....uacccugaagauccggggcuuuuguaAu.....	1	1	E24
.....uacccugaagauccggggcuuuuguaguguuguuaucaaca.....	1	0	E24
.....accugaagauccggggcu.....	1	0	E24
.....accugaagauccggggcuuu.....	5	0	E24
.....accugaagauccggggcuuuu.....	12	0	E24
.....accugaUgaucggggcuuuu.....	1	1	E24
.....accugaagauccggggGuuuug.....	1	1	E24
.....accugaagauccggggcuuuug.....	102	0	E24
.....accugaagauccUggcuuuugu.....	2	1	E24
.....accugaagauccggggcuGuugu.....	3	1	E24
.....accAugaagauccggggcuuuugu.....	1	1	E24
.....accuAaagauccggggcuuuugu.....	1	1	E24
.....accugaUgaucggggcuuuugu.....	1	1	E24
.....accugaagauccgggAuuuugu.....	5	1	E24
.....accugaagauccgggUuuugu.....	5	1	E24
.....accugaagauccAgggcuuuugu.....	2	1	E24
.....accugaagaCccggggcuuuugu.....	1	1	E24
.....accAgaagauccggggcuuuugu.....	1	1	E24
.....acGcuagaagauccggggcuuuugu.....	1	1	E24
.....accugaagauccggggcuuuuAu.....	1	1	E24
.....accugaagauccggggcuAuugu.....	3	1	E24
.....accugaagauccggggcuuuugA.....	3	1	E24
.....accugaagUuccggggcuuuugu.....	1	1	E24
.....accugaaUaucggggcuuuugu.....	1	1	E24
.....accugaagauAcgggcuuuugu.....	1	1	E24
.....accugaagauccggggcuuuugu.....	1834	0	E24
.....accugaagauccggggcCuugu.....	1	1	E24
.....accugaagauccgggGuuuugu.....	3	1	E24
.....Ucccuagaagauccggggcuuuugu.....	1	1	E24
.....accugaagauccggggcuuCGu.....	1	1	E24
.....accugaagauccggggcuuuugu.....	1	1	E24
.....acAcugaagauccggggcuuuugu.....	4	1	E24
.....accugaagauccggggcuuAugu.....	1	1	E24



## Mature

## Star

uuuauaggcacaucgugaucuacccugaagauccgggcuuuuguaguguuguuaucaacagaagcucgucucuacagguaucucacggcuggaagagaaacaacugcacaaaug

.....accugaagauUcgggcuuuugu.....	1	1	E24
.....accugaagauccgggcuuuGgu.....	1	1	E24
.....accugaagauccgggcuuuugu.....	32	0	E24
.....accugaagauccgggcuuuuguU.....	7	1	E24
.....acGcuagaagauccgggcuuuugu.....	1	1	E24
.....accugaagauccgggGuuugu.....	1	1	E24
.....accugaagauccgggcuuuuguUg.....	2	1	E24
.....accugaagauccgggcuuuuguAA.....	1	1	E24
.....accugaagauccgggcuuuuguU.....	2	1	E24
.....Accugaagauccgggcuuuugu.....	1	1	E24
.....cccuagaagauccgggcuuuugu.....	2	0	E24
.....ccugaagauccgggcuuuugu.....	2	0	E24
.....ugaagauccgggcuuuugu.....	1	0	E24
.....agaagcucgucucuacagguau.....	8	0	E24
.....agaagcuUgucucuacagguau.....	1	1	E24
.....agaagcucgucucuacGgguauc.....	1	1	E24
.....agaagcucgucucuacagguau.....	48	0	E24
.....agaagcucgucucuacagguau.....	2	0	E24
.....gaagcucgucucuacaggu.....	9	0	E24
.....gaagcucgucucuacaggu.....	23	0	E24
.....gaagcucgucucuacagguau.....	11	0	E24
.....gaagcucgucucuacagguau.....	122	0	E24
.....gaagcucgucucuacagguauU.....	1	1	E24
.....gaagcucgucucuacaggauc.....	1	1	E24
.....gaagcucgucucuacaUguau.....	1	1	E24
.....gaGgcucgucucuacagguau.....	1	1	E24
.....gaagcucgucucuacagguau.....	46	0	E24
.....gaagcucgucucuacagguauU.....	3	1	E24
.....cuacccugaagauccgggcuuuugu.....	3	0	A04
.....uacccugaagauccgggcuuu.....	2	0	A04
.....uacccugaagauccgggcuuuu.....	14	0	A04
.....uacccugaagauccgggcuuuug.....	13	0	A04
.....uacccugaagauccgggcuuuU.....	1	1	A04
.....uacccugaagauccgggcuuuugu.....	205	0	A04
.....uacccugaagauccgggGuuugu.....	1	1	A04
.....uacccugaagauccggUcuuuugu.....	1	1	A04
.....uacccugaagauccgggcuuuugA.....	4	1	A04
.....uacccugaagauccgggcuuGgu.....	1	1	A04
.....uacccugaagauccgggcuuuUu.....	1	1	A04
.....uacccugaagauccgggcuuuugu.....	2	0	A04
.....uacccugaagauccgggcuuuuguU.....	1	1	A04
.....accugaagauccgggcuuuug.....	4	0	A04
.....accugaagauccgggcuuuugu.....	42	0	A04
.....agaagcucgucucuacagguau.....	1	0	A04
.....gaagcucgucucuacaggu.....	1	0	A04
.....gaagcucgucucuacagguau.....	1	0	A04
.....gaagcucgucucuacagguau.....	2	0	A04
.....uacccugaagauccgggcuuuu.....	2	0	T74
.....uacccugaagauccgggcuuuug.....	1	0	T74
.....uacccugaagauccgggcuuuugA.....	1	1	T74
.....uacccugaagauccgggcuuuGgu.....	2	1	T74
.....uacccugaagauccgggcuuuugu.....	80	0	T74
.....uacccugaagauccgggcuuuugu.....	1	0	T74
.....uacccugaagauccgggGuuugu.....	1	1	T74
.....uacccugaagauccgggcuuuuguAA.....	1	1	T74
.....accugaagauccgggcuuuug.....	2	0	T74
.....accugaagauccgggcuuuugu.....	15	0	T74
.....acAcugaagauccgggcuuuugu.....	1	1	T74
.....accugaagauccgggcuuuugA.....	1	1	T74
.....accugaaUauccgggcuuuugu.....	1	1	T74
.....accugaagauccgggcuuuugu.....	1	0	T74
.....accugaagauccgggcuuuuguU.....	1	1	T74
.....gaagcucgucucuacaggu.....	3	0	T74
.....gaagcucgucucuacaggu.....	1	0	T74
.....gaagcucgucucuacagguau.....	4	0	T74
.....gaagcucgucucuacagguau.....	3	0	T74
.....gaagcucgucucuacagguau.....	3	0	T74

## Mature

## Star

uuuauaggcacaucgugaucuacccugaagaucgggcuuuuguaguguuguuaucaacagaagcucgucucuacagguaucucacggcuggaagagaaacaacugcacaaaug

.....cuacccugaagaucgggcuuu.....	1	0	T73
.....cuacccugaagaucgggcuuuugu.....	1	0	T73
.....uacccugaagaucgggcu.....	1	0	T73
.....uacccugaagaucgggcuu.....	1	0	T73
.....uacccugaagaucgggcuuu.....	1	0	T73
.....uacccugaagaucgggcuuuu.....	5	0	T73
.....uacccugaagaucgggcuuuug.....	2	0	T73
.....uacccugaagaucgggcuuuugu.....	109	0	T73
.....uacccugaagaucgggcuuuuguU.....	1	1	T73
.....accugaagaucgggcuuu.....	1	0	T73
.....accGugaagaucgggcuuuu.....	1	1	T73
.....accugaagauAagggcuuuu.....	1	1	T73
.....accugaagaucgggcuuuu.....	1	0	T73
.....accugaagaucgggcuuuug.....	1	0	T73
.....accugaCgaucgggcuuuugu.....	1	1	T73
.....accugaagaucgggcuuuugu.....	35	0	T73
.....agaagcucgucuc <u>uacaggua</u> u.....	2	0	T73
.....agaagcucgucuc <u>uacaggua</u> uc.....	1	0	T73
.....gaagcucgucuc <u>uacagg</u> u.....	2	0	T73
.....gaagcucgucuc <u>uacaggua</u> .....	2	0	T73
.....gaagcucgucuc <u>uacaggua</u> u.....	2	0	T73
.....gaagcucgucuc <u>uacaggua</u> uc.....	2	0	T73
.....gaagcucgucuc <u>uacaggua</u> cu.....	6	0	T73
.....uc <u>uacccugaagaucggg</u> cu.....	1	0	E04
.....cuacccugaagaucgggcuuuu.....	1	0	E04
.....cuacccugaagaucgggcuuuugu.....	7	0	E04
.....uacccugaagaucgggcu.....	2	0	E04
.....uacccugaagaucgggcuu.....	4	0	E04
.....uacccugaagaucgggcuuu.....	6	0	E04
.....uacccugaagaucgggcuuuu.....	61	0	E04
.....uacccugaagUuccgggcuuuu.....	1	1	E04
.....uaccAugaagaucgggcuuuug.....	1	1	E04
.....uacccugaagaucgggcuuuug.....	71	0	E04
.....uacccugaagaucgggcuuuuU.....	2	1	E04
.....uacccugaagaucgggcuuuuUu.....	1	1	E04
.....uacccugaCgaucgggcuuuugu.....	1	1	E04
.....uacccugaagUuccgggcuuuugu.....	1	1	E04
.....uacccugaagaucgUgcuuugu.....	1	1	E04
.....uacccugaagaucCggcuuuugu.....	1	1	E04
.....uaccGugaagaucgggcuuuugu.....	3	1	E04
.....uacccugaagaucgggcUuuugu.....	1	1	E04
.....uaccAugaagaucgggcuuuugu.....	3	1	E04
.....uacccugaagaucgggcGuuugu.....	3	1	E04
.....uaAccugaagaucgggcuuuugu.....	3	1	E04
.....uacccugaagauAagggcuuuugu.....	1	1	E04
.....uacccuCaagaucgggcuuuugu.....	1	1	E04
.....uacccugaagaucgAgcuuuugu.....	1	1	E04
.....uacccugaagauccgCcuuuugu.....	1	1	E04
.....uaGccugaagaucgggcuuuugu.....	1	1	E04
.....uacccugCagaucgggcuuuugu.....	1	1	E04
.....uacccugaagaucgggAuuuugu.....	1	1	E04
.....uacccugaagaucgggcuuuuA.....	3	1	E04
.....uacccugaagaucgggcuuuAgu.....	1	1	E04
.....uacccugaagaucgggcuuCuGu.....	1	1	E04
.....uacccugaagaucgCgcuuugu.....	1	1	E04
.....uacccugaagaucgggcuuAgu.....	2	1	E04
.....uacccugaagaucgggcuuuugu.....	1766	0	E04
.....uacccugaagGuccgggcuuuugu.....	1	1	E04
.....uacccugaagaucgggAcuuuugu.....	1	1	E04
.....uacccugaagauccgUcuuuugu.....	1	1	E04
.....uacUcugaagaucgggcuuuugu.....	1	1	E04
.....uacccugGagaucgggcuuuugu.....	1	1	E04
.....uacccugaagaucAggcuuuugu.....	3	1	E04
.....uacccGgaagaucgggcuuuugu.....	1	1	E04
.....uacAcugaagaucgggcuuuugu.....	1	1	E04
.....uacccugaagaucgggcAuuuugu.....	1	1	E04
.....uacccugaagaucgggcuuGu.....	1	1	E04
.....uacccGgaagaucgggcuuuugu.....	1	1	E04

## Mature

## Star

uuuauaggcacaucgugaucu	uacccugaagauccgggcuuuugu	aguguuguuaucaaca	gaagcucgucucuacagguauc	ucacggcuggaagagaaacacugc	acaaaug			
.....	uacccugaagauccgggcuuuugua	.....				18	0	E04
.....	uacccugaagauccgggcuuuuguU	.....				15	1	E04
.....	uacccugaagauccgggcuuuuguaA	.....				5	1	E04
.....	uacccugaagauccgggcuuuuguaU	.....				2	1	E04
.....	accugaagauccgggcuuuu	.....				3	0	E04
.....	accugaagauccgggAcuuuu	.....				1	1	E04
.....	accugaagauccgggcuuuug	.....				15	0	E04
.....	accugaagauccgggcuuuugu	.....				483	0	E04
.....	aUccugaagauccgggcuuuugu	.....				1	1	E04
.....	accugaagauUcgggcuuuugu	.....				1	1	E04
.....	accugaagaucgUgcuuugu	.....				1	1	E04
.....	accAugaagauccgggcuuuugu	.....				1	1	E04
.....	accGgaagauccgggcuuuugu	.....				1	1	E04
.....	acAcugaagauccgggcuuuugu	.....				2	1	E04
.....	accugaagauccgggcuuuuAgu	.....				2	1	E04
.....	accugaagauccgggAuuugu	.....				1	1	E04
.....	accugaagauccgggcuuuugA	.....				2	1	E04
.....	accugaagauccgAgcuuuugu	.....				1	1	E04
.....	accugaagauccggUcuuuugu	.....				1	1	E04
.....	accugaagauccgggcuuuCgu	.....				1	1	E04
.....	accugaagauccgggcuuuuguU	.....				2	1	E04
.....	accugaagauccgggcuuuugua	.....				9	0	E04
.....	accugaagauccgggcuuuuguaA	.....				1	1	E04
.....	ccugaagauccgggcuuuugu	.....				1	0	E04
.....		agaagcucgucucuacagguau	.....			1	0	E04
.....		agaagcucgucucuacagguauc	.....			19	0	E04
.....		agaagcucgucucuacGgguauc	.....			1	1	E04
.....		agaaCcucgucucuacagguauc	.....			1	1	E04
.....		agaagcucgucucuacagguaucu	.....			2	0	E04
.....		agaagcucgucucuacagguaucuc	.....			1	0	E04
.....		gaagcucgucucuacagg	.....			2	0	E04
.....		gaagcucgucucuacaggu	.....			17	0	E04
.....		gaagcucgucucuacaggua	.....			20	0	E04
.....		gaagcucgucucuacagguau	.....			11	0	E04
.....		gaGgcucgucucuacagguauc	.....			1	1	E04
.....		gaagcucguGucuaacagguauc	.....			1	1	E04
.....		gaagcucgucucuacagguauc	.....			65	0	E04
.....		gaagcucgucucuAagguaucu	.....			1	1	E04
.....		gaagcucgucucuacagguaucu	.....			79	0	E04
.....		gaagcucgucucuacagguaucC	.....			1	1	E04
.....		gaagcucgucucuacagguaucA	.....			1	1	E04
.....		gaagcucgucucuacagguauAcu	.....			1	1	E04
.....		gaagcucgucucuacagguaucuU	.....			2	1	E04