



Star

[illegible]

## Mature

## Star

ggugcuuuuguaaaauagacuuu	uaacagguacaggaucggauuuu	cuuagug	uaccccauccuauacuguuacc	gucuuuucuaacaagaacaagcgacuaaaggaagcgcgac			
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## Mature

## Star

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## Mature

## Star

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## Mature

## Star

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.....aacagguacaggGucggauu.....	1	1	s01
.....aacagguacagggaucggauuu.....	9	0	s01
.....aacagguacagggaucggauuuU.....	1	1	s01
.....aacagguacagggaucggauuuu.....	10	0	s01
.....aacagguacagggaucggauuuuac.....	2	0	s01
.....aacagguacagggaucggauuuuacA.....	2	1	s01
.....guaccccUauccuauacugu.....	1	1	s01
.....uaacagguacagggaucggauu.....	2	0	s17
.....uaacagguacagggaucggauuC.....	1	1	s17
.....uaacagguacagggaucggauuA.....	2	1	s17
.....uaGcagguacagggaucggauuu.....	1	1	s17
.....uaacagguacagggaucggauuu.....	12	0	s17
.....uaacagguacagggaucggauuC.....	1	1	s17
.....uaacagguacagggaucggauuu.....	8	0	s17
.....uaacagguacagggaucggauuuuU.....	5	1	s17
.....uaacagguacagggaucggauuuuac.....	9	0	s17
.....uaacagguacagggaucggauuuuUcu.....	1	1	s17
.....uaacagguacagggaucggauuuuacu.....	12	0	s17
.....uaacagguacagggaucggauuuuGcu.....	1	1	s17
.....uaacagguacagggaucggauuuuacC.....	3	1	s17
.....uaacagguacagggaucggauuuuacA.....	4	1	s17
.....uaacagguacagggaucggauuuuUu.....	1	1	s17
.....aacagguacagggaucggauu.....	4	0	s17

## Mature

## Star

ggugcuuuuguaaaauagacuuuaacagguacagggaucggauuuuacuuaguguaaccccauccuauacuguuaccgucuuuuuacacaacagaacaagcgacuaaaggaagcgcgac

.....aacagguacagggaucggauuu.....	9	0	s17
.....aacagguacagggaucggauuuU.....	1	1	s17
.....aacagguacagggaucggauuuA.....	4	0	s17
.....aacagguacagggaucggauuuac.....	2	0	s17
.....aacagguacagggaucggauuuacu.....	8	0	s17
.....Cacagguacagggaucggauuuacu.....	1	1	s17
.....aacagguacagggaucggauuuUu.....	1	1	s17
.....uaccccauccuauacuguuacU.....	1	1	s17
.....accccauccuauacuguC.....	1	1	s17
.....accccauccuauacuguuacc.....	1	0	s17
.....accccauccuauacuguuaccA.....	1	1	s17
.....uacagguacagggaucggauC.....	1	1	s10
.....uacagguacagggaucggauu.....	10	0	s10
.....uacagguacagggaucggauuA.....	2	1	s10
.....uacagguacagggaucggauuu.....	58	0	s10
.....uacagguacagggaucggauuC.....	4	1	s10
.....uacagCacaggaucggauuuA.....	1	1	s10
.....uacagguacagggaucggauuuA.....	54	0	s10
.....uacagguacagggaGcggauuuA.....	1	1	s10
.....uGacagguacagggaucggauuuA.....	1	1	s10
.....uacagguacagggaucggauuuU.....	5	1	s10
.....uacagguacagggaucggauuuAG.....	1	1	s10
.....uacagguacagggaucggauuuac.....	24	0	s10
.....uacacAuaacagggaucggauuuac.....	1	1	s10
.....uacagguacagggaucggauuuU.....	2	1	s10
.....uacagguacagggaucgAuuuuac.....	3	1	s10
.....uaaUaguacagggaucggauuuacu.....	1	1	s10
.....uacagguacGgggaucggauuuacu.....	1	1	s10
.....uacagguacagggaucggauuuacA.....	11	1	s10
.....uacagguacagggaucggauuuUu.....	4	1	s10
.....Caacagguacagggaucggauuuacu.....	1	1	s10
.....uacagguacagggaucggauuuacC.....	5	1	s10
.....uacagguacagggaucggauuuacu.....	20	0	s10
.....aacagguacagggaUaggauu.....	1	1	s10
.....aacagguacagggaucggauu.....	11	0	s10
.....aacagguacagggaucggauC.....	4	1	s10
.....aacagguacagggaucAgauuu.....	1	1	s10
.....aacagguacagggaucUgauuu.....	1	1	s10
.....aacagguacagggaucggauuu.....	33	0	s10
.....aacagguacagggaucggauuC.....	7	1	s10
.....aacagguacagggaucggauuG.....	1	1	s10
.....aacagguacagggaucggauuuA.....	28	0	s10
.....aacagguacagggaucggauuuU.....	2	1	s10
.....aacagguacagggaCcggauuuA.....	1	1	s10
.....aacagguacagggaucggauuuac.....	11	0	s10
.....aacagguacagggaucggauuuU.....	9	1	s10
.....aacagguUagggaucggauuuac.....	1	1	s10
.....aacagguacagggaucggauuuUc.....	1	1	s10
.....aacagguacagggaucggauuuacu.....	3	0	s10
.....aacagguacagggaucggauuuacC.....	1	1	s10
.....aacagguacagggaucggauuuacA.....	8	1	s10
.....aacagguacagggaucggauuuAa.....	1	1	s10
.....aacUguacagggaucggauuuacu.....	1	1	s10
.....aacagguacagggaucggauuuUu.....	7	1	s10
.....aacagguacagggaucGuaGuuacu.....	1	1	s10
.....acagguacagggaucggauuC.....	1	1	s10
.....uacccUaucuauacuguuA.....	1	1	s10
.....uacagguacagggaucggauu.....	1	0	s11
.....uacagguacagggaucggauG.....	1	1	s11
.....uacagguacagggaucggauuu.....	2	0	s11
.....uacagguacagggaucggauuuac.....	7	0	s11
.....uacagguacagggaucggauuuU.....	2	1	s11
.....uacagguacagggaucggauuuacC.....	1	1	s11
.....uacagguacagggaucggauuuacu.....	3	0	s11
.....uacagguacagggaucggauuuacG.....	1	1	s11
.....uacagguacagggaucggauuuacA.....	2	1	s11
.....aacagguacagggaucggauu.....	2	0	s11
.....aacagguacagggaucggauuuacA.....	1	1	s11

## Mature

## Star

ggugcuuuuguaaaauagacuuuuacagguacaggaucggauuuacuuaguguaccccauccuauacuguuaccgucuuuucuaacaagcgaacaaaggaagcgcgac

.....uaccccauccuauacuguAacc.....	1	1	s11
.....uacagGacaggaucgga.....	1	1	s02
.....uacagguacaggaucggaC.....	2	1	s02
.....uacagguacaggaucgga.....	5	0	s02
.....uacCGuacaggaucgga <u>uu</u> .....	1	1	s02
.....uacagguacaggauUgga <u>uu</u> .....	1	1	s02
.....uacagguacaggGuccgga <u>uu</u> .....	1	1	s02
.....Caacagguacaggaucgga <u>uu</u> .....	1	1	s02
.....uacagguacaggaucggaA.....	5	1	s02
.....uacagguacaggaucgga <u>uu</u> .....	46	0	s02
.....uacagguacaggaucggaC.....	10	1	s02
.....uacagguacaggaucgA <u>uu</u> .....	1	1	s02
.....uacagguacaggaucgga <u>uu</u> A.....	6	1	s02
.....uacCGuacaggaucgga <u>uuu</u> .....	1	1	s02
.....uGacagguacaggaucgga <u>uuu</u> .....	1	1	s02
.....uacagguacaggaucggaC <u>uu</u> .....	1	1	s02
.....uacagguacaggaucggaA <u>u</u> .....	1	1	s02
.....uacagguacaggaucgga <u>uu</u> C.....	2	1	s02
.....uacagguacaggaucgga <u>uuu</u> .....	59	0	s02
.....Gaacagguacaggaucgga <u>uuu</u> .....	1	1	s02
.....uacagguacaggaucgga <u>uuu</u> a.....	21	0	s02
.....uacCGuacaggaucgga <u>uuu</u> a.....	2	1	s02
.....uacagguacaggauCgga <u>uuu</u> a.....	1	1	s02
.....uacagguacGggacgga <u>uuu</u> a.....	1	1	s02
.....uaCcagguacaggaucgga <u>uuu</u> a.....	1	1	s02
.....uacagguacaggaucgga <u>uuu</u> G.....	1	1	s02
.....uacagguacaggauGcga <u>uuu</u> ac.....	1	1	s02
.....uacagguacaggaucgga <u>uuu</u> aU.....	4	1	s02
.....uGacagguacaggaucgga <u>uuu</u> ac.....	1	1	s02
.....uacagguacGggacgga <u>uuu</u> ac.....	2	1	s02
.....uacagguacaggaucgga <u>uuu</u> ac.....	61	0	s02
.....Caacagguacaggaucgga <u>uuu</u> ac.....	1	1	s02
.....uacagguacaggaucgga <u>uuu</u> acu.....	43	0	s02
.....uacagguacaggaucgga <u>uuu</u> acG.....	1	1	s02
.....uacagguacaggaucgga <u>uu</u> Cacu.....	1	1	s02
.....uacagguacaggaucgga <u>uuu</u> acA.....	51	1	s02
.....uacagguacaggaucgga <u>uuu</u> Gcu.....	1	1	s02
.....uacagguacaggaucgga <u>uuu</u> acC.....	7	1	s02
.....uacagguacaggaucgga <u>uuu</u> acuu.....	2	0	s02
.....aacagguacaggaucggaC.....	7	1	s02
.....aacagguacaggaucgga <u>uu</u> .....	15	0	s02
.....aacagguacaggauAcgga <u>uu</u> .....	1	1	s02
.....aacUgguacaggaucgga <u>uuu</u> .....	1	1	s02
.....aacCGuacaggaucgga <u>uuu</u> .....	1	1	s02
.....aacagguacaggaucgga <u>uuu</u> .....	38	0	s02
.....aacagguacaggaucgga <u>uu</u> C.....	2	1	s02
.....aacagguacaggauAcgga <u>uuu</u> .....	1	1	s02
.....aacagguacaggaucgga <u>uu</u> A.....	1	1	s02
.....aacagguacaggaucgga <u>uuu</u> U.....	1	1	s02
.....aacagguacaggauCgga <u>uuu</u> a.....	1	1	s02
.....aacagguacaggaucgga <u>uuu</u> a.....	5	0	s02
.....aacagguacaggaucgga <u>uuu</u> aU.....	1	1	s02
.....aacagguacaggaucgga <u>uuu</u> ac.....	1	0	s02
.....Uacagguacaggaucgga <u>uuu</u> ac.....	1	1	s02
.....aacagguacaggauGgga <u>uuu</u> acu.....	2	1	s02
.....aacagguacaggauUgga <u>uuu</u> acu.....	1	1	s02
.....aacagguacaggaucgga <u>uuu</u> aUu.....	2	1	s02
.....aacagguacGggacgga <u>uuu</u> acu.....	1	1	s02
.....aacagguacaggaucgga <u>uuu</u> acu.....	13	0	s02
.....aacagguacaggaucgga <u>uuu</u> acA.....	6	1	s02
.....Uacagguacaggaucgga <u>uuu</u> acu.....	2	1	s02
.....aacagguacaggaucgga <u>uuu</u> acAu.....	6	1	s02
.....Uacagguacaggaucgga <u>uuu</u> acuu.....	1	1	s02
.....aacagguacaggaucgga <u>uuu</u> acuu.....	3	0	s02
.....aacagguacaggaucggaG <u>uuu</u> acuu.....	1	1	s02
.....aacagguacaggaucgga <u>uuu</u> acAua.....	2	1	s02
.....acagguacaggaucgga <u>uu</u> .....	1	0	s02
.....aguacaggaucgga <u>uuu</u> ac.....	1	0	s02
.....uacagguacaggaucgga.....	3	0	s05



Star

Sequence	Count	Frequency	Category
ggugcuuuuguaaauagacuu <u>uaacagucacaggau</u> cggauuuuuacuuagug <u>uaccccau</u> ccuauacuguu <u>uac</u> cgucuuuucuaacagacaacagcgacuaaagggaagcgcggaac	1	1	s05
..... <u>.Aa</u> cagucacaggau <u>c</u> ggauu.....	12	0	s05
..... <u>ua</u> acagucacaggau <u>c</u> ggauu.....	1	1	s05
..... <u>ua</u> acagucacaggau <u>c</u> ggauC.....	1	1	s05
..... <u>ua</u> Ucagucacaggau <u>c</u> ggauuu.....	1	1	s05
..... <u>ua</u> acagucacaggauCcgga <u>uuu</u> .....	1	1	s05
..... <u>ua</u> acagucacaggau <u>c</u> ggauuC.....	4	1	s05
..... <u>ua</u> acagucacaggau <u>c</u> ggauuu.....	15	0	s05
..... <u>Ca</u> acagucacaggau <u>c</u> ggauuu.....	2	1	s05
..... <u>ua</u> acagucacaggau <u>c</u> ggauuu.....	1	1	s05
..... <u>ua</u> acagucacaggau <u>c</u> ggauuuu.....	1	1	s05
..... <u>ua</u> acagucacaggauCcgga <u>uuu</u> .....	1	1	s05
..... <u>ua</u> acagucacaggau <u>c</u> ggauuuu.....	25	0	s05
..... <u>ua</u> acUguacaggau <u>c</u> ggauuuu.....	1	1	s05
..... <u>ua</u> acagucacaggau <u>c</u> ggauuuU.....	2	1	s05
..... <u>ua</u> acagucacaggau <u>c</u> ggauuuuU.....	5	1	s05
..... <u>ua</u> acagucacaggau <u>c</u> ggauuuuac.....	1	0	s05
..... <u>ua</u> acagucacaggau <u>c</u> ggauuuuacu.....	5	0	s05
..... <u>.aa</u> cagucacaggau <u>c</u> ggac.....	1	1	s05
..... <u>.aa</u> cagucacaggau <u>c</u> ggau.....	1	0	s05
..... <u>.aa</u> cagucacaggau <u>c</u> ggauuC.....	1	1	s05
..... <u>.aa</u> cagucacaggau <u>c</u> ggauuu.....	4	0	s05
..... <u>.aa</u> cagucacaggau <u>c</u> ggauuuu.....	4	0	s05
..... <u>.aa</u> cagucacaggau <u>c</u> ggauuuuU.....	3	1	s05
..... <u>.U</u> acagucacaggauCcgga <u>uuu</u> uacuuagug.....	2	1	s05
..... <u>.accccau</u> ccuauacugu <u>A</u> ac.....	1	1	s05
..... <u>.ua</u> acagucacaggau <u>c</u> ggauA.....	1	1	s18
..... <u>.ua</u> acagucacaggau <u>c</u> ggau.....	8	0	s18
..... <u>.ua</u> acagucacaggau <u>c</u> ggauuu.....	5	0	s18
..... <u>.ua</u> acagucacaggau <u>c</u> ggauuuu.....	14	0	s18
..... <u>.ua</u> acagucacaggGucggau <u>uu</u> .....	1	1	s18
..... <u>.aa</u> cagucacaggau <u>c</u> ggau.....	1	0	s18
..... <u>.aa</u> cagucacaggau <u>c</u> ggauuu.....	2	0	s18
..... <u>.aa</u> cagucacaggau <u>c</u> ggacuu.....	1	1	s18
..... <u>.aa</u> cagucacaggau <u>c</u> ggauuuu.....	3	0	s18
..... <u>.aa</u> cagucacaggau <u>c</u> ggauuuuU.....	1	1	s18
..... <u>.aa</u> cagucacaggau <u>c</u> ggauuuuA.....	3	1	s18
..... <u>.aa</u> cagucacaggau <u>c</u> ggauuuuacu.....	1	0	s18
..... <u>.uaccccau</u> ccuauacuguuacU.....	3	1	s18
..... <u>.accccau</u> ccuauacuguuacU.....	2	1	s18