



		-3'	obs	
			exp	
		reads	mm	sample
5'	uuauGCCauugcugcugaguu <u>cuaggcg</u> guuu <u>acuuuac</u> aguuuu <u>ucau</u> u <u>guuaa</u> cu <u>aagcagc</u> uu <u>aaacc</u> uu <u>aguugu</u> agugauuu <u>acag</u> uu <u>acuagga</u> agug			
	uuauGCCauugcugcugaguu <u>cuaggcg</u> guuu <u>acuuuac</u> aguuuu <u>ucau</u> u <u>guuaa</u> cu <u>aagcagc</u> uu <u>aaacc</u> uu <u>aguugu</u> agugauuu <u>acag</u> uu <u>acuagga</u> agug			
	.....((((((( ((((((...((((((( (((((((((((((.....)))))))))).)))).))))))....(((((((.....)))))).))			
	..... <u>cuaggcg</u> guuu <u>acuuuac</u> .....	7	0	s04
	..... <u>cuaggcg</u> guuu <u>acuuu</u> aU.....	1	1	s04
	..... <u>cuaggcg</u> guuu <u>ac</u> CUuu <u>ac</u> .....	1	1	s04
	..... <u>cuaggcg</u> guuu <u>acuuuac</u> ag.....	1	0	s04
	..... <u>cuaggcg</u> guuu <u>acuuuac</u> agC.....	13	1	s04
	..... <u>cuaggcg</u> guuu <u>ac</u> CUuu <u>ac</u> aguu.....	1	1	s04
	..... <u>cuaggcg</u> guG <u>CUacuuuac</u> aguu.....	1	1	s04
	..... <u>cuaggcg</u> guuu <u>acuuuac</u> aguu.....	69	0	s04
	..... <u>cuaggcg</u> guuu <u>aAuuuac</u> aguu.....	1	1	s04
	..... <u>cuaggcg</u> guuu <u>acuuuac</u> agAA.....	1	1	s04
	..... <u>cuaggcg</u> guuu <u>acuuu</u> Gcaguu.....	1	1	s04
	..... <u>cuaggcg</u> guuu <u>acuuuac</u> Gguu.....	1	1	s04
	..... <u>cuaggcg</u> guuu <u>acuuuac</u> aguuA.....	3	1	s04
	.....G <u>cuaggcg</u> guuu <u>acuuuac</u> aguu.....	1	1	s04
	..... <u>cuaggcg</u> guuu <u>acuuuac</u> aguuG.....	2	1	s04
	..... <u>cuaggcg</u> guuu <u>acuuuac</u> aguuG.....	2	1	s04
	..... <u>cuaggcg</u> guuu <u>acuuuac</u> aguuC.....	6	1	s04
	..... <u>cuaggcg</u> guuu <u>acuuu</u> aAaguu.....	1	1	s04
	..... <u>cuaggcg</u> guuu <u>acuuuac</u> aguu.....	62	0	s04
	..... <u>cuaggcg</u> gA <u>uuacuuuac</u> aguu.....	1	1	s04
	..... <u>cuaggcg</u> guuu <u>acuuuac</u> aguuU.....	2	1	s04
	..... <u>cuaggcg</u> guuu <u>acuuuac</u> aguu.....	1	0	s04
	.....uu <u>cuaggcg</u> guG <u>CUacuuuac</u> aguu.....	1	1	s08
	.....C <u>cuaggcg</u> guuu <u>acuuuac</u> aguu.....	4	1	s08
	..... <u>cuaggcg</u> guuu <u>acuuu</u> a.....	7	0	s08
	..... <u>cuaggcg</u> guuu <u>acuuu</u> Gc.....	1	1	s08
	..... <u>cuaggcg</u> guuu <u>acuu</u> Gac.....	1	1	s08
	..... <u>cuaggcg</u> guuu <u>acuuuac</u> .....	178	0	s08
	..... <u>cuaggcg</u> guG <u>CUacuuuac</u> .....	1	1	s08
	.....C <u>cuaggcg</u> guuu <u>acuuuac</u> .....	2	1	s08
	..... <u>cuaggcg</u> guuu <u>acuuu</u> aG.....	1	1	s08
	.....u <u>cCaggcg</u> guuu <u>acuuuac</u> .....	1	1	s08

## Mature

## Star

uuauGCCauugcugcugaguu <u>cuaggcugguuacuuuacaguuuuu</u> <u>ucauuguaaacuaagcagcuuaa</u> ccuuaguuguagugauuuuacaguuuacuuaggaagug			
.....ucuaaggcugguuacuuuU.....	12	1	s08
.....ucuaaggcugguuacGuuac.....	1	1	s08
.....ucuaaggcugguuacuuuaca.....	13	0	s08
.....ucUGgcugguuacuuuaca.....	3	1	s08
.....ucuaaggcugguuacuuuacaU.....	1	1	s08
.....ucuaaggcugguuacuuuacag.....	12	0	s08
.....ucuaaggcugguuacuuuacagG.....	39	1	s08
.....ucuaaggcugguuacuuuacaAu.....	6	1	s08
.....ucuaaggcuggGuacuuaacagu.....	2	1	s08
.....ucuaaggcugguacuGuacagu.....	3	1	s08
.....ucuaaggcugguuacuAuacagu.....	2	1	s08
.....ucuaaggcugguuacuuuacGgu.....	14	1	s08
.....ucuaaggcCgguuacuuuacagu.....	4	1	s08
.....ucuaaggcugguuacuuuAagu.....	2	1	s08
.....ucuaaggcuggCuacuuaacagu.....	21	1	s08
.....ucuaaggcugguuUuuuacagu.....	3	1	s08
.....ucuaaggcugguuacGuuacagu.....	7	1	s08
.....A <u>cuaggcugguuacuuuacag</u> u.....	6	1	s08
.....ucCaggcugguuacuuuacagu.....	5	1	s08
.....ucGaggcugguuacuuuacagu.....	2	1	s08
.....ucuaaggcugguuacuuuGcagu.....	1	1	s08
.....ucuaaggcugguuacuuuacaCu.....	4	1	s08
.....ucuaaggcugguuacuuuacUgu.....	8	1	s08
.....ucUGgcugguuacuuuacagu.....	10	1	s08
.....ucAaggcugguuacuuuacagu.....	1	1	s08
.....ucuaaggcugguuacuuuCcagu.....	1	1	s08
.....ucuaAGcugguuacuuuacagu.....	4	1	s08
.....ucuaAgcugguuacuuuacagu.....	1	1	s08
.....ucuaaggAugguuacuuuacagu.....	4	1	s08
.....ucUCggcugguuacuuuacagu.....	1	1	s08
.....ucuaaggcuggAuacuuaacagu.....	1	1	s08
.....ucuaaggcugguuacuuuUagu.....	3	1	s08
.....ucuaaggcugguuacuUGacagu.....	6	1	s08
.....ucuaaggcugguuacAuuacagu.....	1	1	s08
.....ucuaaggcAgguuacuuuacagu.....	4	1	s08
.....ucuaaggcugguuacuUCacagu.....	1	1	s08
.....Ccuaaggcugguuacuuuacagu.....	21	1	s08
.....ucuaaggcugguuacuuuacagA.....	60	1	s08
.....ucuaaggcugguuacuuuacagu.....	1	1	s08
.....Gcuaggcugguuacuuuacagu.....	4	1	s08
.....ucuaGUCugguuacuuuacagu.....	1	1	s08
.....ucuaaggcugguuAuuuacagu.....	4	1	s08
.....ucuaaggcugguuGcuuuaacagu.....	2	1	s08
.....ucuaaggcugAuuaacuuuacagu.....	3	1	s08
.....ucuaaggcugCuuaacuuuacagu.....	1	1	s08
.....ucuaaggcugguuacuuuacCgu.....	5	1	s08
.....uUuaggcugguuacuuuacagu.....	4	1	s08
.....ucuaaggcGgguuacuuuacagu.....	3	1	s08
.....ucuaaggcugguuCcuuuaacagu.....	3	1	s08
.....ucuaaggcugguuacuuuacagu.....	2862	0	s08
.....ucuaaggGugguuacuuuacagu.....	1	1	s08
.....ucuaaggcugguCacuuaacagu.....	9	1	s08
.....ucuaaggUugguuacuuuacagu.....	6	1	s08
.....ucuaaggcugguuacuuuacaUu.....	1	1	s08
.....ucuaaggcugguuacCuuaacagu.....	14	1	s08
.....ucuaaggcugguuUcuuuaacagu.....	2	1	s08
.....ucuaaggcugguuacuCuacagu.....	8	1	s08
.....ucuaaggcugUuuacuuaacagu.....	3	1	s08
.....ucuaaggcugguuacuuuacagC.....	616	1	s08
.....ucuaaggcugguuacuuAacagu.....	1	1	s08
.....ucuaaggcugguGacuuaacagu.....	1	1	s08
.....ucuaaggcugguuUuuuacaguu.....	3	1	s08
.....ucuaGUCugguuacuuuacaguu.....	1	1	s08
.....ucuaaggcugguuacuUGacaguu.....	7	1	s08
.....ucuaaggcugguuGcuuuaacaguu.....	2	1	s08
.....ucuaaggcugguuacuuuacaguu.....	2194	0	s08
.....ucuaAGcugguuacuuuacaguu.....	2	1	s08
.....ucuaaggcAgguuacuuuacaguu.....	3	1	s08
.....Gcuaggcugguuacuuuacaguu.....	3	1	s08
.....ucuaaggcugguuAuuuacaguu.....	6	1	s08

## Mature

## Star

uuauGCCauGcugcugaguuCUAagGcugguuacuuuacaguuuuuaucauuguaaacuaagcagcuuaaaccuuaguuguagugauuuacaguuuacuaggaagug			
.....ucAagGcugguuacuuuacaguu.....	2	1	s08
.....ucuaGcCugguuacuuuacaguu.....	1	1	s08
.....ucuaagGcugCuuaacuuuacaguu.....	1	1	s08
.....ucuaagGcugguuacuuuacagCu.....	14	1	s08
.....ucuDggGcugguuacuuuacaguu.....	5	1	s08
.....ucuaagGcCgguuacuuuacaguu.....	7	1	s08
.....ucuaagGcugguuacuGuacaguu.....	2	1	s08
.....ucuaagGcugUuuacuuuacaguu.....	2	1	s08
.....ucuaagGcugguuacuuuGcaguu.....	1	1	s08
.....ucuaagGAugguuacuuuacaguu.....	3	1	s08
.....ucuaagGugguuacuuuacaguu.....	4	1	s08
.....ucuaagGcugGcuacuuuacaguu.....	8	1	s08
.....ucuaagGcugguuaGuuuacaguu.....	3	1	s08
.....ucuaagGcugguuacuuCacaguu.....	7	1	s08
.....ucuaagGcugguuacuuuacGguu.....	11	1	s08
.....ucGagGcugguuacuuuacaguu.....	1	1	s08
.....ucuaagAcugguuacuuuacaguu.....	2	1	s08
.....ucuaagGcugguuacuuuacUguu.....	2	1	s08
.....ucuaagGcugguuacuuuacagAu.....	10	1	s08
.....ucuaagGcGguuacuuuacaguu.....	1	1	s08
.....ucuaagGcugguuacuuuacagGu.....	48	1	s08
.....ucuaagGcugguuacuuuaUaguu.....	4	1	s08
.....CcuagGcugguuacuuuacaguu.....	19	1	s08
.....ucuaagGcugguuacuuuacaguu.....	9	1	s08
.....ucuaagGcugguuacuuuaAaguu.....	2	1	s08
.....ucuaagGcugguuacAuuacaguu.....	1	1	s08
.....ucCagGcugguuacuuuacaguu.....	6	1	s08
.....ucuaagGcugguuacuuuacaguC.....	446	1	s08
.....ucuaagGcugguuacGuuacaguu.....	2	1	s08
.....ucuaagGcugguuacuuuacaguA.....	59	1	s08
.....ucuaagGcugGcuacuuuacaguu.....	2	1	s08
.....AcuaagGcugguuacuuuacaguu.....	3	1	s08
.....ucuaagGcugAuuaacuuuacaguu.....	1	1	s08
.....uGuagGcugguuacuuuacaguu.....	1	1	s08
.....ucuaagGcugguuacuuuacaCuu.....	1	1	s08
.....ucuaagGcugguuacuuuacaguG.....	40	1	s08
.....ucuaagGcugguuacuuuacCguu.....	1	1	s08
.....ucuaagGcugguuacuuuacaUuu.....	1	1	s08
.....ucuaagGcugguuCuuuacaguu.....	2	1	s08
.....ucuaagGcugguuacuuAacaguu.....	3	1	s08
.....ucuaagGcuAGuuacuuuacaguu.....	1	1	s08
.....ucuaagGcugguuacuuuacaguu.....	1	1	s08
.....ucuCgGcugguuacuuuacaguu.....	2	1	s08
.....ucuaagGcugguuacuCuacaguu.....	7	1	s08
.....ucuaagGcugguuacuuuacaAu.....	1	1	s08
.....ucuaagGcugGuCacuuaacaguu.....	10	1	s08
.....ucuaagGcugguuacuuuacaguuU.....	18	1	s08
.....ucuaagGcugguuacuuuacaguuA.....	2	0	s08
.....ucuaagGcugguuacuuuacaguuC.....	2	1	s08
.....ucuaagGcugGcuacuuuacaguuA.....	1	1	s08
.....ucuaagGcugguuacuuuacaguuG.....	1	1	s08
.....ucCagGcugguuacuuuacaguuauuauca.....	1	1	s08
.....ucuaagGcugguuacuuuacaguuauuauca.....	1	0	s08
.....cuagGcugguuacuuuacag.....	1	0	s08
.....cuagGcugguuacuuuacagC.....	2	1	s08
.....cuagGcugguuacuuuacaguu.....	6	0	s08
.....cuagGcugguuacuuuacaguu.....	10	0	s08
.....uagGcugguuacuuuacaguu.....	4	0	s08
.....uagGcugguuacuuuacagC.....	1	1	s08
.....uagGcugguuacuuuacaguuC.....	1	1	s08
.....uagGcugguuacuuuacagGu.....	1	1	s08
.....uuGuaaaacuaagcagcuuaaac.....	24	0	s08
.....uuGuaaaacuCagcagcuuaaac.....	1	1	s08
.....uCGuaaaacuaagcagcuuaaac.....	1	1	s08
.....uuGuaaaacuaagcagcuuaaac.....	8	0	s08
.....uuGuaaaacuaagcagcuuaaacU.....	3	1	s08
.....uuGuaaaacuaGgcagcuuaaac.....	1	1	s08
.....uuGuaaaacuaagcagcuuaaacA.....	2	1	s08
.....uGuaaaacuaagcagcuuaaac.....	2	0	s08
.....uGuaaaacuaagcagcuuaaacU.....	5	1	s08

Star

.....uguaaacuaagcagcuuaaac.....	1	0	s08
uuauGCCauugcugcugagC.....	1	1	s07
uuauGCCauugcugcugagu.....	2	0	s07
.uauGCCauugcugcugagu.....	3	0	s07
.....Cucuaggcugguuacuuuac.....	1	1	s07
.....Cucuaggcugguuacuuuacag.....	2	1	s07
.....uuCuaggcugguuacuuuacagu.....	2	0	s07
.....Cucuaggcugguuacuuuacagu.....	8	1	s07
.....Cucuaggcugguuacuuuacaguu.....	9	1	s07
.....ucUaggcugguuacuuua.....	10	0	s07
.....ucUaggcugguuacuuuG.....	1	1	s07
.....ucUaggcugguuacuuuU.....	1	1	s07
.....ucUaggcugguuacCUuac.....	3	1	s07
.....ucUaggcugguuacCuCac.....	2	1	s07
.....ucUaggcugguuCCuuuac.....	2	1	s07
.....uUuaggcugguuacuuuac.....	1	1	s07
.....ucuCggcugguuacuuuac.....	1	1	s07
.....CCuaggcugguuacuuuac.....	5	1	s07
.....ACuaggcugguuacuuuac.....	3	1	s07
.....ucUaggcugguuacuAUac.....	1	1	s07
.....ucUaggcugguuacuuaAA.....	4	1	s07
.....ucUagACugguuacuuuac.....	1	1	s07
.....ucUaggcugguuauUUuuuac.....	1	1	s07
.....ucUaggcugguuCacuuuac.....	2	1	s07
.....ucUaggcuggCuacuuuac.....	2	1	s07
.....ucUaggcugguuAAuuuac.....	4	1	s07
.....ucUaggcAgguuacuuuac.....	1	1	s07
.....ucUaggcugguuacuuGac.....	1	1	s07
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.....ucUGgcugguuacuuuac.....	4	1	s07
.....ucUaggcCGguuacuuuac.....	4	1	s07
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.....ucUaggcugguuacuuAAc.....	3	1	s07
.....ucUaggcugguuacuuuaG.....	2	1	s07
.....ucUaggcugguuacuCUac.....	5	1	s07
.....ucUaggcugguuacuuuaU.....	60	1	s07
.....ucUaggcugUUuacuuuac.....	1	1	s07
.....ucUaggcGgguuacuuuac.....	1	1	s07
.....ucCaggcugguuacuuuac.....	1	1	s07
.....ucUaggcugguuacuuuac.....	619	0	s07
.....ucUaggcugguuacuGUac.....	1	1	s07
.....ucUaggcuggCuacuuuaca.....	1	1	s07
.....ucUaggcugguuacuuuaca.....	27	0	s07
.....ucUaggcugguuacuuuGca.....	1	1	s07
.....ucUaggcugguuacuuuacG.....	3	1	s07
.....ucUaggcugguuacCUuacag.....	1	1	s07
.....ucUaggcugguuacuuuacag.....	52	0	s07
.....ucUaggcugguuacuuuacaA.....	4	1	s07
.....ucUaggcugguuacuuuacGg.....	1	1	s07
.....ucUaggcugguuacuuuacaU.....	1	1	s07
.....ucUaggcugguuacuuuacaC.....	1	1	s07
.....ucUaggcugguuacuuuaUagu.....	12	1	s07
.....ucUaggcugUUuacuuuacagu.....	4	1	s07
.....ucCaggcugguuacuuuacagu.....	23	1	s07
.....ucUaggcugguuUcuuuuacagu.....	5	1	s07
.....ucUaggcugguuacuuuacagu.....	10614	0	s07
.....ucUaggcugguuacuuuacagG.....	201	1	s07
.....ucAAggcugguuacuuuacagu.....	5	1	s07
.....ucUaggcugguuAAuuuacagu.....	18	1	s07
.....ucUaggcugguuacuuUcagu.....	2	1	s07
.....ucuaAGcugguuacuuuacagu.....	8	1	s07
.....ucUaggcUAguuacuuuacagu.....	13	1	s07
.....ucUaggcugguuacuuuacaCu.....	15	1	s07
.....ucUaggcugAUuacuuuacagu.....	13	1	s07
.....ucUaggcugguuacuuuacagC.....	1779	1	s07
.....ucUaggcugguuacuuGacagu.....	22	1	s07
.....ucUagguUgguuacuuuacagu.....	13	1	s07
.....ucuaCgcugguuacuuuacagu.....	2	1	s07

## Mature

## Star

uuauGCCauugcugcugaguuCUuagGcugguuacuuuacaguuauuuaucauuguaaCUaagcagcuuaaCCuuaguuguagugauuuuacaguuuacuuaggaagug

.....CcuagGcugguuacuuuacagu.....	67	1	s07
.....ucuaGgCugguuacuuuacagu.....	13	1	s07
.....ucuaGgCugguuacuuuacagu.....	3	1	s07
.....ucuaGgCugguuacuuuacagu.....	19	1	s07
.....ucuaGgCugguuacuuuacagu.....	10	1	s07
.....ucuaGgCugguuacuuuacagu.....	3	1	s07
.....ucuaGgCugguuacuuuacagu.....	7	1	s07
.....ucuaGgCugguuacuuuacagu.....	20	1	s07
.....ucuaGgCugguuacuuuacagu.....	8	1	s07
.....ucuaGgCugguuacuuuacagu.....	12	1	s07
.....ucuaGgCugguuacuuuacagu.....	1	1	s07
.....ucuaGgCugguuacuuuacagu.....	2	1	s07
.....ucuaGgCugguuacuuuacagu.....	19	1	s07
.....ucuaGgCugguuacuuuacagu.....	11	1	s07
.....ucuaGgCugguuacuuuacagu.....	30	1	s07
.....ucGagGcugguuacuuuacagu.....	12	1	s07
.....ucuaGgCugguuacuuuacagu.....	2	1	s07
.....ucuaGgCugguuacuuuacagu.....	18	1	s07
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.....ucuaGgCugguuacuuuacagu.....	9	1	s07
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.....ucuaGgCugguuacuuuacagu.....	47	1	s07
.....ucuaGgCugguuacuuuacagu.....	6	1	s07
.....ucuaGgCugguuacuuuacagu.....	8	1	s07
.....ucuaGgCugguuacuuuacagu.....	186	1	s07
.....AcuaGgCugguuacuuuacagu.....	44	1	s07
.....ucuaGgCugguuacuuuacagu.....	6	1	s07
.....ucuaGgCugguuacuuuacagu.....	1	1	s07
.....ucuaGgCugguuacuuuacagu.....	6	1	s07
.....ucuaGgCugguuacuuuacagu.....	1	1	s07
.....ucuaGgCugguuacuuuacagu.....	17	1	s07
.....ucuaGgCugguuacuuuacagu.....	72	1	s07
.....ucuaGgCugguuacuuuacagu.....	40	1	s07
.....uGuaGgCugguuacuuuacagu.....	5	1	s07
.....ucuaGgCugguuacuuuacagu.....	4	1	s07
.....ucuaGgCugguuacuuuacagu.....	9	1	s07
.....ucuaGgCugguuacuuuacagu.....	45	1	s07
.....GcuagGcugguuacuuuacagu.....	21	1	s07
.....ucuaGgCugguuacuuuacagu.....	12	1	s07
.....ucuaGgCugguuacuuuacagu.....	6	1	s07
.....ucuaGgCugguuacuuuacagu.....	1	1	s07
.....uGuaGgCugguuacuuuacagu.....	1	1	s07
.....uGuaGgCugguuacuuuacagu.....	3	1	s07
.....ucuaGgCugguuacuuuacagu.....	8	1	s07
.....ucuaGgCugguuacuuuacagu.....	5	1	s07
.....ucuaGgCugguuacuuuacagu.....	19	1	s07
.....ucuaGgCugguuacuuuacagu.....	4	1	s07
.....ucuaGgCugguuacuuuacagu.....	1	1	s07
.....ucuaGgCugguuacuuuacagu.....	3	1	s07
.....ucuaGgCugguuacuuuacagu.....	22	1	s07
.....ucuaGgCugguuacuuuacagu.....	8	1	s07
.....ucuaGgCugguuacuuuacagu.....	1	1	s07
.....ucuaGgCugguuacuuuacagu.....	123	1	s07
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.....ucuaGgCugguuacuuuacagu.....	10	1	s07
.....ucuaGgCugguuacuuuacagu.....	2	1	s07
.....ucuaGgCugguuacuuuacagu.....	14	1	s07
.....ucuaGgCugguuacuuuacagu.....	7	1	s07
.....CcuagGcugguuacuuuacagu.....	44	1	s07
.....ucuaGgCugguuacuuuacagu.....	26	1	s07
.....ucuaGgCugguuacuuuacagu.....	2	1	s07
.....ucuaGgCugguuacuuuacagu.....	8201	0	s07
.....ucuaGgCugguuacuuuacagu.....	1	1	s07
.....ucuaGgCugguuacuuuacagu.....	7	1	s07
.....ucuaGgCugguuacuuuacagu.....	1320	1	s07
.....GcuagGcugguuacuuuacagu.....	11	1	s07
.....ucuaGgCugguuacuuuacagu.....	19	1	s07

## Mature

## Star

uuauGCCauGcugcugaguucuaggcugguuacuuuacaguuuuuucauuguuaacuaagcagcuuaaccuuaguuguagugauuuacaguuuacuuaggaagug

.....ucuaGgGcugguuacuuuacaguu.....	22	1	s07
.....ucuaaggcugGua <u>cuuuacaguu</u> .....	5	1	s07
.....ucuaaggcugguCa <u>cuuuacaguu</u> .....	16	1	s07
.....ucuaGgGcugguuacuuuacaguu.....	1	1	s07
.....ucuaUgcugguuacuuuacaguu.....	5	1	s07
.....ucuaaggcugUuuacuuuacaguu.....	3	1	s07
.....ucuaaggcugguuGuuuacaguu.....	9	1	s07
.....uAuaaggcugguuacuuuacaguu.....	1	1	s07
.....ucuaaggcugguuacuuuGcaguu.....	18	1	s07
.....ucuaaggcGgguuacuuuacaguu.....	13	1	s07
.....ucuaaggcugguuacuuuacagCu.....	65	1	s07
.....ucuaaggcugguuacuuuacagua.....	110	1	s07
.....ucuaaggcugguuUcuuacaguu.....	2	1	s07
.....ucuaaggcugguuacuuuacaCu.....	1	1	s07
.....ucuaUgcugguuacuuuacaguu.....	5	1	s07
.....ucuaaggcugguuAuuuacaguu.....	9	1	s07
.....ucuaaggcugguuacuuuacUguu.....	16	1	s07
.....ucuaaggcugguuacGuuacaguu.....	7	1	s07
.....ucuaGcugguuacuuuacaguu.....	1	1	s07
.....ucuaaggcugguuacuCuacaguu.....	41	1	s07
.....Acuaaggcugguuacuuuacaguu.....	24	1	s07
.....ucAaggcugguuacuuuacaguu.....	2	1	s07
.....ucuaaggcuAguuacuuuacaguu.....	10	1	s07
.....ucuaaggcugguuAuuuacaguu.....	8	1	s07
.....ucuaGAcugguuacuuuacaguu.....	4	1	s07
.....ucuaaggcugguuacuuuAaguu.....	2	1	s07
.....ucuaaggcugguuacuuuAuuacaguu.....	8	1	s07
.....ucuaaggcuUguuacuuuacaguu.....	1	1	s07
.....ucuaaggcugguuacuuuUcaguu.....	1	1	s07
.....ucuaaggUugguuacuuuacaguu.....	8	1	s07
.....ucuaaggcAagguuacuuuacaguu.....	8	1	s07
.....ucuaaggcugguGacuuaacaguu.....	1	1	s07
.....ucuaaggcugguuacuuuCcaguu.....	3	1	s07
.....ucGaggcugguuacuuuacaguu.....	4	1	s07
.....ucuaGUCugguuacuuuacaguu.....	4	1	s07
.....ucuaaggcugguuacuuuacagGu.....	176	1	s07
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.....ucuaaggAuggguuacuuuacaguu.....	19	1	s07
.....ucCaaggcugguuacuuuacaguu.....	20	1	s07
.....uUuaggcugguuacuuuacaguu.....	6	1	s07
.....ucuaaggcugguuacuuuacGguu.....	37	1	s07
.....ucuaaggcugguuacuuuacaguu.....	47	1	s07
.....ucuaaggcugguuacuuuacagAu.....	20	1	s07
.....ucuaaggcugguuCuuuacaguu.....	2	1	s07
.....ucuaaggcugguuacuuuacaguu.....	3	1	s07
.....ucuaaggcugguuacuuCacaguu.....	15	1	s07
.....ucuaaggcugguuacuuuacaguuU.....	36	1	s07
.....ucuaaggcugguuacuuuacaguuA.....	1	1	s07
.....ucuaaggcugguuacuuuacaguuA.....	1	1	s07
.....ucuaaggcugguuacuuuacaguuuuauca.....	11	0	s07
.....Ccuaggcugguuacuuuacaguuuuauca.....	1	1	s07
.....ucuaaggcugguuacuuuacCguuuuuauca.....	1	1	s07
.....cuaggcugguuacuuuA.....	1	1	s07
.....cuaggcugguuacuuuac.....	1	0	s07
.....cuaggcugguuacuuuaca.....	1	0	s07
.....cuaggcugguuacuuuacag.....	1	0	s07
.....cuaggcugguuacGuuacagu.....	1	1	s07
.....cuaggcugguuacuuuacagA.....	2	1	s07
.....cuaggcugguuacuuuacaguu.....	21	0	s07
.....cuaggcugguuacuuuacagC.....	2	1	s07
.....cuaggcugguuacuuuacaguuC.....	9	1	s07
.....cuaggcugguuacuuAacaguu.....	1	1	s07
.....cuaggcugguuacuuCacaguu.....	1	1	s07
.....cuaggcugguAuuuacaguu.....	1	1	s07
.....cuaggcugguuacuuuacaguuA.....	1	1	s07
.....cuaggcugguuacuuuacaguu.....	60	0	s07
.....cuGgGcugguuacuuuacaguu.....	1	1	s07
.....uaggcugguuacuuuacag.....	1	0	s07

# Mature Star

uuauGCCAUUGCUGCUGAGUUCUAGGCUGGUUACUUUACAGUUAUUUCUUGUUAACUAAGCAGCUUAAACCUUAGUUGUAGUGAUUUACAGUUUACUUAGGAAGUG			
.....uaggcugguuacuuuacagC.....	4	1	s07
.....uaggcugguuacuuuacagu.....	13	0	s07
.....uaggcugguuacuuuacagu.....	2	1	s07
.....uaggcugguuacuuuacagG.....	1	1	s07
.....uaggcugguuacuuuacaguA.....	1	1	s07
.....auuguuaaacuaagcagcuaaaac.....	2	0	s07
.....uuguuaaacuaagcagcuu.....	3	0	s07
.....uuguuaaacuaagcagcuaA.....	2	1	s07
.....uuguuaaacuaagcagcuaa.....	4	0	s07
.....uuguuaaacuaagcagcuuU.....	2	1	s07
.....uuguuaaacuaagcagcuaaaU.....	1	1	s07
.....uuguuaaacuaagcagcuaaaac.....	69	0	s07
.....uuguaGacuaagcagcuaaaac.....	1	1	s07
.....uuguuaaacuaagcagcuaaaaU.....	10	1	s07
.....uuguuaaacuGagcagcuaaaac.....	1	1	s07
.....uuguuaaacuGgcagcuaaaac.....	1	1	s07
.....uuguuaaacuaagcagcuaaaaA.....	1	1	s07
.....uuguuaaacuaaUcagcuaaaac.....	1	1	s07
.....uuguuaaacuaagcagcuaaaacc.....	73	0	s07
.....uuguuaaacuaagcagcuaaaaUc.....	3	1	s07
.....uugGaaacuaagcagcuaaaacc.....	1	1	s07
.....uuguuaaacuaagcagcAuuaaacc.....	1	1	s07
.....uuguuaaacuaagcagcuaaaacA.....	20	1	s07
.....uuguuaaacuaagcagcuaaaacU.....	43	1	s07
.....uuguuaaacuaagcagcuaaaaccA.....	8	1	s07
.....uuguuaaacuaagcagcuaaaacAuu.....	2	1	s07
.....uguuaaacuaagcagcuaaaaU.....	2	1	s07
.....uguuaaacuaagcagcuaaaac.....	5	0	s07
.....ugCaaacuaagcagcuaaaacc.....	1	1	s07
.....uguuaaacuaagcagcuaaaacc.....	1	1	s07
.....uguuaaacuaagcagcuaaaacU.....	5	1	s07
.....uguuaaacuaagcagcuaaaacc.....	14	0	s07
.....Cucuaggcugguuacuuuacagu.....	2	1	s09
.....ucuaggcugguuaAuuuac.....	1	1	s09
.....Acuaggcugguuacuuuac.....	1	1	s09
.....ucuaggcugguuacuuCac.....	1	1	s09
.....ucuaggcugguuacuCuac.....	1	1	s09
.....ucuaggcugguuacuuGac.....	1	1	s09
.....ucuaggcugguuacuuuac.....	146	0	s09
.....Ccuaggcugguuacuuuac.....	2	1	s09
.....ucuaggcugguuacuuuaU.....	11	1	s09
.....ucuaggcugguuacuuAac.....	1	1	s09
.....ucuaggcugguuacuGuac.....	1	1	s09
.....ucuaggcugguuacAuuac.....	1	1	s09
.....ucuaggcugguuacuuuaca.....	8	0	s09
.....Gcuaggcugguuacuuuaca.....	1	1	s09
.....ucuaggcugguuacuuuacag.....	7	0	s09
.....ucuaggcugguuacuuuacaU.....	1	1	s09
.....ucuaggcugGuuacuuuacagu.....	1	1	s09
.....ucuaggcugGuacuuuacagu.....	10	1	s09
.....Acuaggcugguuacuuuacagu.....	2	1	s09
.....ucuaggcugguuaAuuuacagu.....	2	1	s09
.....ucuaggcugguuUcuuuacagu.....	1	1	s09
.....ucuaggcugguuacuuuacCgu.....	1	1	s09
.....ucuaggcugguuacuuuacagC.....	251	1	s09
.....ucuGggcugguuacuuuacagu.....	9	1	s09
.....ucuaggcugguuacGuuacagu.....	2	1	s09
.....ucuaggcugguuacuuuacagG.....	29	1	s09
.....ucuaggAugguuaacuuuacagu.....	4	1	s09
.....ucuaggcugguuacuuGacagu.....	7	1	s09
.....ucuaggcAgguuacuuuacagu.....	1	1	s09
.....ucuaggcugguuacuuuGcagu.....	4	1	s09
.....ucuaggcugguuacuuuacUgu.....	1	1	s09
.....ucuaggcugguuacuCuacagu.....	7	1	s09
.....Ccuaggcugguuacuuuacagu.....	7	1	s09
.....ucuaUgcugguuacuuuacagu.....	3	1	s09
.....ucuaggcugguCacuuaacagu.....	3	1	s09
.....ucuaGfcugguuacuuuacagu.....	1	1	s09
.....ucuaggcugguuCcuuuacagu.....	2	1	s09

## Mature

## Star

uuauGCCAUUGCUGCUGAGUUCUAAGGCUGGUUACUUUACAGUUAUUUUCAUUGUAAACUAAGCAGCUUAAACCUUAGUUGUAGUGAUUUACAGUUUACUUAGGAAGUG			
.....ucuaaggcugguuacCuuacagu.....	12	1	s09
.....ucuaaggcugguuacuuuaUagu.....	3	1	s09
.....ucuaaggcCgguuacuuuacagu.....	2	1	s09
.....ucCaggcugguuacuuuacagu.....	5	1	s09
.....ucuaaggcugguuacuGuacagu.....	1	1	s09
.....ucuaaggcugguuacuuuCcagu.....	1	1	s09
.....ucuaagAcugguuacuuuacagu.....	1	1	s09
.....ucuaaggcuAguuacuuuacagu.....	1	1	s09
.....ucuaaggcuUguuacuuuacagu.....	1	1	s09
.....ucuaaggcugguuacuAuacagu.....	2	1	s09
.....ucuaaggcugguuacuuuaAagu.....	2	1	s09
.....ucuaaggcugguuGcuuacagu.....	6	1	s09
.....ucuaaggcugguuacuuuacGgu.....	2	1	s09
.....ucuaaggcugUuuacuuuacagu.....	1	1	s09
.....ucuaaggGugguuacuuuacagu.....	4	1	s09
.....ucuaAgcugguuacuuuacagu.....	1	1	s09
.....uUuaggcugguuacuuuacagu.....	2	1	s09
.....ucuaaggcugguuacuCacagu.....	4	1	s09
.....ucuaaggUugguuacuuuacagu.....	2	1	s09
.....Gcuaggcugguuacuuuacagu.....	4	1	s09
.....ucuaaggcGgguuacuuuacagu.....	2	1	s09
.....ucuaaggcugguuacuuuacagA.....	23	1	s09
.....ucuaaggcugguuaUuuuacagu.....	7	1	s09
.....ucuaaggcugguuacuuuacagu.....	1720	0	s09
.....ucuaaggcugguuacuuuUcagu.....	4	1	s09
.....ucuaaggcugguuacuuuacaguG.....	18	1	s09
.....ucuaaggcugguuacuuuacUguu.....	1	1	s09
.....Gcuaggcugguuacuuuacagu.....	3	1	s09
.....ucuaaggcugUuuacuuuacagu.....	1	1	s09
.....ucuaaggcuUguuacuuuacagu.....	2	1	s09
.....ucuaaggcGgguuacuuuacagu.....	1	1	s09
.....ucuaaggcugguuacuuuacaAuu.....	1	1	s09
.....ucuaaggcugguuacuuuacGguu.....	7	1	s09
.....ucuaaggcugAuuacuuuacagu.....	2	1	s09
.....ucuCggcugguuacuuuacagu.....	10	1	s09
.....ucuaaggcugguuacuuuacaguA.....	22	1	s09
.....ucuaaggGugguuacuuuacagu.....	2	1	s09
.....ucuaagAcugguuacuuuacagu.....	2	1	s09
.....ucuaaggcugguuacuuuGcagu.....	1	1	s09
.....ucuaaggcugguuacuuuaUagu.....	2	1	s09
.....ucuaaggUugguuacuuuacagu.....	1	1	s09
.....ucuaaggAugguuacuuuacagu.....	1	1	s09
.....ucuaaggcugguuacuAuacagu.....	6	1	s09
.....ucuaaggcugguuacuuuacCguu.....	1	1	s09
.....ucuaaggcCgguuacuuuacagu.....	2	1	s09
.....ucuaaggcugguuacuuAacagu.....	4	1	s09
.....ucAaggcugguuacuuuacagu.....	1	1	s09
.....ucuaaggcugguuacuuuacagu.....	1385	0	s09
.....ucuaaggcugguuacuuuUcagu.....	2	1	s09
.....ucuaaggcugguuGcuuacagu.....	3	1	s09
.....ucuaaggcugguuacCuuacagu.....	5	1	s09
.....ucuaaggcugguuUcuuacagu.....	1	1	s09
.....ucuaaggcAgguuacuuuacagu.....	4	1	s09
.....ucuaaggcugguuacuuuaAagu.....	2	1	s09
.....ucuaaggcugguuacuuuacagAu.....	2	1	s09
.....ucuaaggcugguuacuCuacagu.....	5	1	s09
.....ucuaCgcugguuacuuuacagu.....	1	1	s09
.....ucuaaggcugguuacuuuCcagu.....	1	1	s09
.....Ccuaggcugguuacuuuacagu.....	10	1	s09
.....ucuaaggcugguuacuuuacagGu.....	14	1	s09
.....ucuaaggcuggCuacuuuacagu.....	4	1	s09
.....ucuaaggcugguuacGuuacagu.....	2	1	s09
.....ucuaaggcugguuacuGuacagu.....	1	1	s09
.....ucuaaggcugguuaAuuuacagu.....	2	1	s09
.....Acuaggcugguuacuuuacagu.....	2	1	s09
.....ucuaaggcugguCacuuuacagu.....	7	1	s09
.....ucuaAgcugguuacuuuacagu.....	3	1	s09
.....ucuaaggcuAguuacuuuacagu.....	2	1	s09
.....ucCaggcugguuacuuuacagu.....	4	1	s09
.....ucuaaggcuggGuacuuuacagu.....	1	1	s09



## Mature

## Star

uuauGCCauugcugcugaguuCUAGGcUGguuacuuuacaguuauuuaucauUGuaaCUaAGcagCUuaaCCuuaguUGuagUGauuuacaguuuacuuaggaagug			
.....ucuaGGcUGguuacuuGacaguu.....	2	1	s09
.....ucuaGGcUGguuacuuuacagCu.....	8	1	s09
.....ucGagGcUGguuacuuuacaguu.....	3	1	s09
.....ucuaGGcUGguuacuuuacaguC.....	194	1	s09
.....ucuaGGcUGguuacuuCacaguu.....	6	1	s09
.....ucuaGGcUGguuacuuuacaguuU.....	6	1	s09
.....ucuaGGcUGguuacuuuacaguuau.....	1	0	s09
.....ucuaGGcUGguuacuuuacaguuauuauca.....	1	0	s09
.....cuagGcUGguuacuuuacagu.....	8	0	s09
.....cuagGcUGguuacuuuacaguC.....	1	1	s09
.....cuagGcUGguuacuuuacaguu.....	3	0	s09
.....uagGcUGguuacuuuacag.....	1	0	s09
.....uagGcUGguuacuuuacagu.....	2	0	s09
.....uuguaaaCUaAGcagCUuaaaac.....	6	0	s09
.....uuguaaaCUaAGcagCUuaUac.....	1	1	s09
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.....uguaaaCUaAGcagCUuaaaacc.....	1	0	s09
.....uguaaaCUaAGcagCUuaaaaccA.....	3	1	s09
.....uaugccauugcugcugaguu.....	1	0	s06
.....CucuaGGcUGguuacuuuacagu.....	4	1	s06
.....ucuaGGcUGguuacuuua.....	2	0	s06
.....ucuaGGcUGguuUcuuuac.....	1	1	s06
.....ucuaGGcUGguuacuuuaU.....	13	1	s06
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.....ucuaGGcUGguGacuuuuac.....	1	1	s06
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.....ucuaGGcUGguGuaCUuuuaca.....	1	1	s06
.....ucuaGGcUGguAuuacuuiuaca.....	1	1	s06
.....ucuaGGcUGguuacuuuacag.....	8	0	s06
.....ucuaGGcUGguuacuCuacag.....	1	1	s06
.....ucuaGGcUGguuacuuuacaC.....	1	1	s06
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.....ucuaGGcUGguuacuuuacagG.....	46	1	s06
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.....ucUGGcUGguuacuuuacagu.....	9	1	s06
.....ucuaGGcUGguGacuuuuacagu.....	1	1	s06
.....ucuaGGcAGguuacuuuacagu.....	9	1	s06
.....ucuaGGcUGguuacuuuacagu.....	6	1	s06
.....ucuaGGcUGguuacuuCacagu.....	16	1	s06
.....ucuaAGcUGguuacuuuacagu.....	5	1	s06
.....ucAAGcUGguuacuuuacagu.....	3	1	s06
.....ucuaGGcUGguuacuCuacagu.....	12	1	s06
.....ucuaGGcUGguuacuuuacagu.....	8	1	s06
.....ucuaGGcUGguGuaCUuuuacagu.....	1	1	s06
.....ucuaGGcUGguuacuAuaCagu.....	3	1	s06
.....GcuagGcUGguuacuuuacagu.....	14	1	s06
.....ucuaGUCUGguuacuuuacagu.....	1	1	s06
.....ucuaGGcUGguuacuuuaUagu.....	9	1	s06
.....ucuaGGcUGguuacuuuacaAu.....	14	1	s06
.....ucuaGGcUGguuacGuuaCagu.....	4	1	s06
.....ucuaGGcUGguuacuuuacagC.....	714	1	s06
.....ucuaGGcUGguuGcuuuacagu.....	8	1	s06

## Mature

## Star

uuauGCCauGcUGcUGaguu <u>ucua</u> ggcUGguuacuuuacaguuuuu <u>uca</u> uuguaa <u>acua</u> agcagcuuua <u>accu</u> uaguuguagugauuuuacaguuuacuuaggaagug			
.....ucuaggcUGguuacuuuGcagu.....	8	1	s06
.....ucuaggcUGguuacuuuacCu.....	10	1	s06
.....ucuaaggAugguuacuuuacagu.....	3	1	s06
.....ucCaggcUGguuacuuuacagu.....	7	1	s06
.....ucuaaggUugguuacuuuacagu.....	7	1	s06
.....ucuaaggcUGguuacuuuacUgu.....	6	1	s06
.....ucuaaggcuAguuacuuuacagu.....	11	1	s06
.....ucuaagAcugguuacuuuacagu.....	2	1	s06
.....ucuaaggcUGguuacuuuacagu.....	4569	0	s06
.....ucuaaggcUGguAacuuuacagu.....	3	1	s06
.....AcuaaggcUGguuacuuuacagu.....	12	1	s06
.....ucuCggcUGguuacuuuacagu.....	2	1	s06
.....uUuaggcUGguuacuuuacagu.....	4	1	s06
.....ucuaaggcUGguuUcuuacagu.....	2	1	s06
.....ucuaaggcuCguuacuuuacagu.....	1	1	s06
.....ucuaaggcUGguCacu uuacagu.....	18	1	s06
.....ucGaggcUGguuacuuuacagu.....	3	1	s06
.....ucuaaggcUGguuacuuuacAUu.....	4	1	s06
.....ucuaUgcUGguuacuuuacagu.....	4	1	s06
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.....ucuaaggcUGguuacuuuacGgu.....	19	1	s06
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.....ucuaaggcUGGuacuuuacagu.....	8	1	s06
.....ucuaaggGugguuacuuuacagu.....	4	1	s06
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.....ucuaaggcUGguuaAuuuacagu.....	5	1	s06
.....ucuaaggcUGguuacuAacagu.....	1	1	s06
.....ucuaaggcUGAuuaacuuuacagu.....	15	1	s06
.....ucuaaggcUGguuacuuuacCgu.....	2	1	s06
.....ucuaaggcUGguuacCuuaacagu.....	23	1	s06
.....uAuaggcUGguuacuuuacagu.....	1	1	s06
.....ucuaaggcUGguuCuuuuacagu.....	2	1	s06
.....ucuaaggcUGGuacu uuacagu.....	5	1	s06
.....ucUggcUGguuacuuuacagu.....	2	1	s06
.....ucuaaggcUGguuacuGacagu.....	4	1	s06
.....uGuaggcUGguuacuuuacagu.....	1	1	s06
.....ucuaaggcUGguuacuuuGagu.....	2	1	s06
.....CcuaaggcUGguuacuuuacagu.....	16	1	s06
.....ucuaaggcUGguuacuGuacagu.....	6	1	s06
.....ucuaaggcUGguuaGuuuacagu.....	8	1	s06
.....ucuaaggcUGUuuacuuuacagu.....	2	1	s06
.....ucuaagAcugguuacuuuacagu.....	4	1	s06
.....ucuaAgcUGguuacuuuacagu.....	3	1	s06
.....ucuaaggcuUguuacuuuacagu.....	1	1	s06
.....ucuCggcUGguuacuuuacagu.....	2	1	s06
.....ucuaaggcUGguuacuuuacaguC.....	442	1	s06
.....ucuaaggcUGGuuacuuuacagu.....	1	1	s06
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ucuaGggcugguuacuuuacaguu	6	1	s06
ucuaaggcugguuacuUacaguu	7	1	s06
ucuaaggcugguuacuuaacCguu	5	1	s06
Ccuaggcugguuacuuuacaguu	14	1	s06
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ucuaaggcugguuAuuuacaguu	7	1	s06
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uuguaaaacuaagcagcuuaaacU	5	1	s06
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uguaaaacuaagcagcuuaaacC	3	0	s06
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Ccuaggcugguuacuuuacaguu	2	1	s03
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Gcuaggcugguuacuuuac	1	1	s03
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ucuaaggcugguuacCuacaguu	8	1	s03
ucuaaggcugguuacuuCacaguu	2	1	s03
ucuaaggcugguGacuuuacaguu	1	1	s03
ucuaaggcugguuacuuuAaguu	1	1	s03
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ucuaaggcGgguuacuuuacaguu	3	1	s03
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ucuaaggcugguuAAuuuacaguu	5	1	s03

## Mature

## Star

uuauGCCauugcugcugaguu <u>cuaggcugguuacuuuacaguuuuu</u> <u>ucauuguaaacuaagcagcuuaa</u> ccuuaguuguagugauuuuacaguuuacuuaggaagug			
.....ucuaaggcugguuacuCuacagu.....	4	1	s03
.....ucuaaggcugguuacuuuacGgu.....	6	1	s03
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## Mature

## Star

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.ucuGggcugguuacuuuacagu.	5	1	s16
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.ucuaggcugguuacuuuacagCu.	14	1	s16
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.ucuaggcCgguuacuuuacaguu.	10	1	s16

## Mature

## Star

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.....ucuaGGcUGguuacuuuacaguC.....	356	1	s16
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.....ucuaGGcUGguuacGuuacAGuu.....	3	1	s16
.....ucuaGGcUGguuAGuuuacAGuu.....	1	1	s16
.....ucuaGGcUGguuacuuuacAUuu.....	2	1	s16
.....ucuaGUCugguuacuuuacAGuu.....	2	1	s16
.....ucuaGGcUGguuacuuuUaguu.....	5	1	s16
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.....ucuaGGcUGguuacuGuacAGuu.....	4	1	s16
.....uUuagGcUGguuacuuuacAGuu.....	3	1	s16
.....ucuaGGcUGguuacuuuacaguG.....	23	1	s16
.....ucuaGGUGguuacuuuacAGuu.....	3	1	s16
.....ucuaGGcUGguuacuuuacaguuC.....	1	1	s16
.....ucuaGGcUGguuacuuuacaguua.....	1	0	s16
.....ucuaGGcUGguuacuuuacaguU.....	17	1	s16
.....ucuaGGcUGguuacuCuacaguuuuuauca.....	1	1	s16
.....ucuaGGcUGguuacuAuacaguuuuuauca.....	1	1	s16
.....ucuaGGcUGguuacuuuacaguuuuuauca.....	2	0	s16
.....cuagGcUGguuacuuuacagu.....	2	0	s16
.....cuagGcUGguuacuuuacagu.....	6	0	s16
.....uagGcUGguuacuuuacagu.....	6	0	s16
.....ucuaaaacuaagCagcuu.....	1	0	s16
.....uuguaaaacuaGcagcuuaaac.....	2	1	s16
.....uuguaaaacuaagCagcuuaaac.....	3	0	s16
.....uAGuaaaacuaagCagcuuaaac.....	1	1	s16
.....uuguaaaacuaagCagcuuaaacU.....	2	1	s16
.....uuguaaaacuaagCagcuuaaacG.....	1	1	s16
.....uuguaaaacuaagCagcuuaaacC.....	7	0	s16
.....uuguaaaacuaagCagcuuaaacCA.....	1	1	s16
.....uuguaaaacuaagCagcuuaaacCU.....	1	0	s16

## Mature

## Star

uuauGCCAUugcugcugaguuCUAagcugguuacuuuacAGuuauuauCUauGUuaaCUaaGcagCUuaaCCuuaguUGuagUGauuuacAGuuuacuuaggaagug

.....uGUaaCUaaGcagCUuaaCCAu.....	1	1	s16
.....uGUaaCUaaGcagCUuaaCCuu.....	1	0	s16
.....UGuaaCUaaGcagCUuaaCC.....	2	0	s16
.....ucuaGGcugguuacuuuac.....	31	0	s14
.....ucuaGGcugguuacuuuauU.....	3	1	s14
.....ucuaGGcugguuacuuuaca.....	2	0	s14
.....ucuaGGcugguuacGUuacagu.....	1	1	s14
.....ucuaGGcugguuacuuuacagA.....	8	1	s14
.....ucuaGGcUGguuacuuuacagu.....	1	1	s14
.....ucuaGGcugguuacuuuacagC.....	66	1	s14
.....ucuaGGcugguuacuuuGcagu.....	1	1	s14
.....ucuaGGcugguuacCUuacagu.....	5	1	s14
.....ucuaGGcugguCaCUuuuacagu.....	5	1	s14
.....ucuaGGcugguGuacuuuacagu.....	2	1	s14
.....ucuaGGcugguuacuuuacCGu.....	1	1	s14
.....ucuaGGcugguuauUuuuacagu.....	1	1	s14
.....ACuaGGcugguuacuuuacagu.....	2	1	s14
.....ucuaGGUGguuacuuuacagu.....	2	1	s14
.....ucuaGGUugguuacuuuacagu.....	1	1	s14
.....ucuaGGcugguuacuuuCCagu.....	1	1	s14
.....ucuaGGcugguuacuuuauUagu.....	5	1	s14
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.....GCUaGGcugguuacuuuacagu.....	3	1	s14
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.....ucuaGGcugguuacuuuacagG.....	1	1	s14
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.....ucuaGGUGguuacuuuacagu.....	1	1	s14
.....ucuaGGcugguuacuuuGcagu.....	1	1	s14
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.....ucuaGGcUGGuacuuuacagu.....	1	1	s14
.....ucuaGGcugguuCCuuuacagu.....	1	1	s14
.....ucuaGGcGgguuacuuuacagu.....	1	1	s14
.....ucuaGGcugguuacuuuacaguG.....	4	1	s14
.....ucGagGcugguuacuuuacagu.....	1	1	s14
.....ucuaGGcugguuacuuuacaguC.....	52	1	s14
.....ucuaGGcugguuacuGUacagu.....	1	1	s14
.....ucuaGGcugguuauGUuuacagu.....	1	1	s14
.....ucuaGGcugguuacuuuacagCu.....	1	1	s14
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.....ucuaGGcugguuacuuuacagGu.....	4	1	s14
.....ucUCgGcugguuacuuuacagu.....	2	1	s14
.....ucuaGGcugguuacuuuAcagu.....	3	1	s14
.....ucuaGGcugguuacuuuacagAu.....	3	1	s14
.....ucuaGGcUGAuuaCUuuuacagu.....	2	1	s14
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.....CCuaGGcugguuacuuuacagu.....	1	1	s14
.....ucuaGGcugguuacuuuacaguA.....	6	1	s14
.....ucuaGGcugguuacuuCacagu.....	2	1	s14
.....ACuaGGcugguuacuuuacagu.....	2	1	s14
.....ucuaGGcugguuacuUuacagu.....	1	1	s14
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.....ucuaGGcugguuacuuuacaguauuauca.....	3	0	s14
.....CUaGGcugguuacuuuaca.....	1	0	s14
.....CUaGGcugguuacuuuacagu.....	3	0	s14



## Mature

## Star

uuaugccauugcugcugaguu <u>cuaggcugguuacuuuacaguuauuuaucauuguaaacuaagcagcuuaaaccuuaguuguagugauuuacaguuuacuaggaagug</u>			
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.....uaucauuguaaacuaagcagcuuaaacc.....	2	0	s14
.....uuguaaacuaagcagcuuaaacc.....	1	0	s14
.....uuguaaacuaagcagcuuaaacc.....	2	0	s14
.....uuguaaacuaagcagcuuaaaccA.....	1	1	s14
.....uguaaacuaagcagcuuaaacc.....	1	0	s14
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.....Cucuaggcugguuacuuuacagu.....	1	1	s19
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.....ucuaggcugguuacuuuac.....	2	1	s19
.....ucuaggGugguuacuuuac.....	1	1	s19
.....Acuaggcugguuacuuuac.....	2	1	s19
.....ucuaggcugAuuaacuuuac.....	1	1	s19
.....ucuaggcugguuacuuuaU.....	23	1	s19
.....ucuaggcGgguuacuuuac.....	2	1	s19
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.....ucuaggcugguuGcuuaacagu.....	7	1	s19
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.....ucuaggcGgguuacuuuacagu.....	10	1	s19
.....ucuaggcugguuacuuCacagu.....	11	1	s19
.....ucuaAgcugguuacuuuacagu.....	2	1	s19
.....ucuaggcugguuacuGuacagu.....	6	1	s19
.....ucuaggcugguuacuuuGcagu.....	7	1	s19
.....Acuaggcugguuacuuuacagu.....	15	1	s19
.....ucuaggUugguuacuuuacagu.....	2	1	s19
.....ucCaggcugguuacuuuacagu.....	15	1	s19
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.....ucuGggcugguuacuuuacagu.....	2	1	s19
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.....ucuaggcugAuuaacuuuacagu.....	10	1	s19
.....ucuaggcugguuacuuuUcagu.....	1	1	s19
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.....ucuaggcugguuauuuuacagu.....	2	1	s19
.....ucuaggcugguuacuuuacagA.....	67	1	s19
.....ucuaggAugguuacuuuacagu.....	2	1	s19

## Mature

## Star

uuauGCCAUUGCUGCUGAGUUCUAGGCUGGUUACUUUACAGUUAUUUACAUGUGUAACUAAGCAGCUUAAACCUAGUUGUAGUGAUUUACAGUUUACUUAGGAAGUG

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.....CCUAGGCUGGUUACUUUACAGU.....	24	1	s19
.....UCUAGGCAGGUUACUUUACAGU.....	6	1	s19
.....UCUAGGCUUGUUACUUUACAGU.....	2	1	s19
.....UCUAGGCUGGUUACUUUACAGU.....	2	1	s19
.....UCUAGGCUGGUUACUUUACAGU.....	6	1	s19
.....UCUUGGCUGGUUACUUUACAGU.....	2	1	s19
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.....UCUGGCUGGUUACUUUACAGUU.....	15	1	s19
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.....UCUAGGACUGGUUACUUUACAGUU.....	12	1	s19
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.....UCUAGGCUGGUUACUUUACUGUU.....	7	1	s19
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.....UCUAGGCUGGCUACUUUACAGUU.....	21	1	s19
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uuauGCCauugcugcugaguu <u>cuaggcugguuacuuuacaguuuuu</u> <u>ucauuguaaacuaagcagcuuaa</u> ccuuaguuguagugauuuacaguuuacuuaggaagug			
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.....ucuaaggcugguuacuuuacaguuC.....	3	1	s19
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.....uuucuaggcugguuacuuuUcaguu.....	1	1	s13
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.....ucuaUgcugguuacuuuacag.....	1	1	s13
.....ucuaaggcugguuacuuuacaA.....	5	1	s13
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.....ucuaaggcugguuacuuuGcagu.....	4	1	s13
.....ucGaggcugguuacuuuacagu.....	1	1	s13

## Mature

## Star

uuauGCCauGcugcugaguu	ucuaGGcugguuacuuuacaguuuuu	ucauuguaa	cuuaagcagcuuaa	ccuuaguuguagugauuu	acaguuuacuuaggaagug			
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.....ucUGggcugguuacuuuacagu.....	8	1	s13					
.....ucuaGGcugguuacuuuacaUu.....	2	1	s13					
.....ucuaGGcugguuacuuGacagu.....	3	1	s13					
.....ucuaGGcAgguuacuuuacagu.....	1	1	s13					
.....ucuaGGcugguuacuuuacagu.....	1696	0	s13					
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.....ucCagggcugguuacuuuacagu.....	4	1	s13					
.....ucuaGGcugguuacuuCuacagu.....	3	1	s13					
.....ucuaGGcugguuacuuGuacagu.....	4	1	s13					
.....uAuaGGcugguuacuuuacagu.....	1	1	s13					
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.....ucuaGGcugguuacuuuacaAu.....	3	1	s13					
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.....ucuaGGcugguuacuuuacaCu.....	1	1	s13					
.....ucuaGGUugguuacuuuacagu.....	3	1	s13					
.....ucuaGGcuggGuacuuuacagu.....	1	1	s13					
.....ucuaGGcugguuAuuuacagu.....	3	1	s13					
.....ucuaGGcugguuacuuuacagC.....	234	1	s13					
.....Gcuagggcugguuacuuuacagu.....	2	1	s13					
.....ucuaGGcuAguuacuuuacagu.....	2	1	s13					
.....ucuaGAcugguuacuuuacagu.....	1	1	s13					
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.....Ccuagggcugguuacuuuacagu.....	10	1	s13					
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.....ucuaGGcuggCuacuuuacagu.....	6	1	s13					
.....ucuCggcugguuacuuuacagu.....	1	1	s13					
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.....ucuaGGcugguuacuuuacagu.....	5	1	s13					
.....ucuaGGGugguuacuuuacagu.....	1	1	s13					
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.....ucuaGGcugguGacuacuuuacagu.....	1	1	s13					
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.....ucuaGGUugguuacuuuacaguu.....	1	1	s13					
.....ucGagggcugguuacuuuacaguu.....	5	1	s13					
.....ucuaGGcugguuacuuuacaguu.....	3	1	s13					
.....ucuaGGcugguuacuuuacaguC.....	323	1	s13					
.....ucuaGGcugguuacuuuaUaguu.....	1	1	s13					
.....ucuaGGcugguuacGuuacaguu.....	1	1	s13					
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.....ucuaGGcugguuacuuuacaguu.....	4	1	s13					
.....ucuaGGcugguuacuuuacGguu.....	17	1	s13					
.....ucuaGGcugguuacuuuacaguG.....	20	1	s13					
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.....ucuaGGcuggAuaacuuuacaguu.....	1	1	s13					
.....ucuaGGcGgguuacuuuacaguu.....	2	1	s13					
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.....ucuaGGcugguuacuuuacCguu.....	3	1	s13					
.....ucuaAGcugguuacuuuacaguu.....	2	1	s13					
.....ucuaGGcugGuuacuuuacaguu.....	5	1	s13					
.....Acuagggcugguuacuuuacaguu.....	4	1	s13					
.....Ccuagggcugguuacuuuacaguu.....	12	1	s13					

## Mature

## Star

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.....ucuaaggcugguuacuuCacaguu.....		3	1	s13
.....ucuaaggAugguuacuuuacaguu.....		3	1	s13
.....ucuaaggcugguuCuuuuacaguu.....		2	1	s13
.....ucuaaggcugguuacuuAacaguu.....		1	1	s13
.....ucuuGggcugguuacuuuacaguu.....		1	1	s13
.....ucuaaggcugguuAUuuuacaguu.....		2	1	s13
.....ucCaggcugguuacuuuacaguu.....		4	1	s13
.....ucuaaggcugAuuaacuuuacaguu.....		2	1	s13
.....uUuaaggcugguuacuuuacaguu.....		2	1	s13
.....ucuaaggcugguuacuuGacaguu.....		2	1	s13
.....ucuaaggcugguuGcuuuacaguu.....		5	1	s13
.....ucuuGggcugguuacuuuacaguu.....		21	1	s13
.....ucuaaggcugguuacuuuacagCu.....		8	1	s13
.....ucuaaggcugguCacuuaacaguu.....		3	1	s13
.....ucuaaggcAgguuacuuuacaguu.....		1	1	s13
.....Gcuaggcugguuacuuuacaguu.....		3	1	s13
.....ucuaaggcugguuacuuuacaUuu.....		1	1	s13
.....ucuaaggcuggCuacuuuacaguu.....		8	1	s13
.....ucuaaggcugguuacuuAacaguu.....		4	1	s13
.....ucuaaggcugguuacuGuacaguu.....		6	1	s13
.....ucuaaggcuggGuacuuuacaguu.....		1	1	s13
.....ucuaaggcugguuacuuuacaguuA.....		47	1	s13
.....ucuaaggcCgguuacuuuacaguu.....		9	1	s13
.....ucuaaggcUAguuacuuuacaguu.....		1	1	s13
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.....ucuaaggcugguuacuuuGcaguu.....		2	1	s13
.....ucuaaggUggguuacuuuacaguuA.....		2	1	s13
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.....ucuaaggcugguuacuuuacaguuau.....		6	0	s13
.....ucuaaggcugguuAuuuacaguuauuauca.....		1	1	s13
.....ucuaaggcugguuacuuuacaguuauuauca.....		5	0	s13
.....cuaggcugguuacuuuac.....uuuaca.....		2	0	s13
.....cuaggcugguuacuuuaca.....		3	0	s13
.....cuaggcugguuacuuuacag.....		5	0	s13
.....cuaggcugguuacuuuacagC.....		1	1	s13
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.....cuaggcugguuacuuuacaguu.....		5	0	s13
.....cuaggcugguuGcuuuuacaguu.....		1	1	s13
.....uaggcugguuacuuuacaU.....		1	1	s13
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.....uaggcugguuacuuuacaguu.....		3	0	s13
.....uaggcugguuacuuuacaguu.....		2	0	s13
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.....uuguuaaacuaagcagcuuaa.....		1	0	s13
.....uuguuaaacuaagcagcuuaaU.....		6	1	s13
.....uuguuaaacuaagcagcuuaaa.....		2	0	s13
.....uuguuaaacuaagcagcuuaaac.....		19	0	s13
.....uuguuaaacuaagcagcuuaaaU.....		7	1	s13
.....uuguuaGacuuaagcagcuuaaac.....		3	1	s13
.....uuguuaaacuaagcaUcuuaaac.....		1	1	s13
.....Cuuaaacuaagcagcuuaaac.....		3	1	s13
.....uuguuaaacuaagcagcuuaaac.....		46	0	s13
.....uuguuaaacuaagcagcuuaaacA.....		7	1	s13
.....uuguuaaacuaagcagcuuaaacU.....		18	1	s13
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.....uguuaaacuaagcagcuuaaac.....		1	0	s13
.....uguuaaacuaagcagcuuaaac.....		5	0	s13
.....uguuaaacuaagcagcuuaaacG.....		1	1	s13
.....uguuaaacuaagcagcuuaaacU.....		3	1	s13
.....uguuaaacuaagcagcuuaaacA.....		1	1	s13
.....uaaacuaagcagcuuaaac.....		4	0	s13
.....uaaacuaagcagcuuaaacA.....		3	1	s13
uuauGCCauugcugcugaguu.....		1	0	s12
uuauGCCauugcugcugagG.....		1	1	s12

## Mature

## Star

uuauGCCAUUGCUGCUGAGUUCUAGGCGUGGUUACUUUACAGUUAUUUUCUUGUUAACUAAGCAGCUUAACCUUAGUUGUAGUGAUUUACAGUUUACUUAGGAAGUG

.....GUUCUAGGCGUGGUUACUUUAC.....	1	0	s12
.....UUCUAGGCGUGGUUACUUUACAG.....	1	0	s12
.....CUCUAGGCGUGGUUACUUUACAGU.....	2	1	s12
.....UUCUAGGCGUGGUUACUUUACAGU.....	12	0	s12
.....UUCUAGGCGUGGUUACUUUACAGC.....	1	1	s12
.....CUCUAGGCGUGGUUACUUUACAGUU.....	4	1	s12
.....UCUAGGCGUGGUUACUUUA.....	4	0	s12
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.....UCUAGGCGUGGUACUUAUC.....	1	1	s12
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.....UCUAGGCGUGGUACUUUAU.....	32	1	s12
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.....UCUAGGCGUGGUUACUUUACAG.....	18	0	s12
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.....UCUAGGCGUGGUUGCUUUACAG.....	1	1	s12
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.....UCUAGGCUGGUUACUUUACAG.....	1	1	s12
.....UCUAGGCGUGGUUACUUUACAGU.....	28	1	s12
.....UCUGGGCUGGUUACUUUACAGU.....	2	1	s12
.....UCUAGGUGGUUACUUUACAGU.....	10	1	s12
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.....UCUAGGCAGGUUACUUUACAGU.....	7	1	s12
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.....UCUAGGCGUGGUUACUUUACCGU.....	11	1	s12
.....UCUAGGCGUGGUUACUUUACUGU.....	12	1	s12
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.....UCUAGGCGUGGUUACUUUAACAU.....	10	1	s12
.....UCUAGGCGUGGUUACUUUUCAGU.....	1	1	s12
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.....UCUAGGCGUGGUUACUUUACAGU.....	8563	0	s12
.....UCUAGGCUAGUUUACUUUACAGU.....	10	1	s12

## Mature

## Star

uuauGCCAUUGCUGCUGAGUUCUAGGCUGGUUACUUUACAGUUAUUUUCAUUGUAAACUAAGCAGCUUAAACCUUAGUUGUAGUGAUUUACAGUUUACUUAGGAAGUG

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.....UCUAGGUUGGUUACUUUACAGU.....	7	1	s12
.....UCUAGGCUGGUUACUUUGACAGU.....	12	1	s12
.....UCUAGGCUGGUUACUUUAAGU.....	2	1	s12
.....UCUAGGCUGGUUACUUUACAGU.....	2	1	s12
.....UCUAGGCUGGUUACUUUACGgu.....	64	1	s12
.....UCUAGGCUGGUUAUUUUACAGU.....	13	1	s12
.....UCUAGGCUGGUUACGUUACAGU.....	14	1	s12
.....UCUAGGCUGGUUUCUUUACAGU.....	2	1	s12
.....UCUAGGCUGGUUACUUUACAGU.....	7	1	s12
.....UCAGGCUGGUUACUUUACAGU.....	1	1	s12
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.....UCUAGACUGGUUACUUUACAGU.....	8	1	s12
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.....CCUAGGCUGGUUACUUUACAGU.....	42	1	s12
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.....UUAAGGCUGGUUACUUUACAGU.....	3	1	s12
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.....UCUAGGCUGGUUACUUUCcAGU.....	3	1	s12
.....UCUAGGCUGGUUACUUUACAGU.....	5	1	s12
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.....UCUAGGCUGGUUACUUUACAGU.....	51	1	s12
.....UCCAGGCUGGUUACUUUACAGU.....	25	1	s12
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.....UCUAGGCAGGUUACUUUACAGUU.....	7	1	s12
.....UCUAGGCUGGUUACUCUACAGUU.....	13	1	s12
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.....UCUAGGCUGGUUACUUUACAGGU.....	79	1	s12
.....UCUAGGCUGGUUACUUUGCAGUU.....	10	1	s12
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.....UCUAGGCUGGUUACGUUACAGUU.....	4	1	s12
.....UCUAGGCUGGUUACUUAAcAGUU.....	5	1	s12
.....UCUAGGCUGGUUACUUAUACAGUU.....	7	1	s12
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.....UCUAGGCUGGUUCACUUUACAGUU.....	11	1	s12
.....UCUAGGUUGGUUACUUUACAGUU.....	5	1	s12
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.....GCUAGGCUGGUUACUUUACAGUU.....	8	1	s12
.....UCUAGGCUGGUUACUUUACGuu.....	2	1	s12
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.....UCUAGGCUGGUUACUUCAcAGUU.....	15	1	s12
.....UCUAGGUUGGUUACUUUACAGUU.....	6	1	s12
.....UCUAGGCUGGUUACUUUACGgu.....	20	1	s12
.....UCUAGGCUGGUUAGUUUACAGUU.....	13	1	s12
.....UCUAGGCUGGUUACUUUCcAGUU.....	1	1	s12
.....UUAAGGCUGGUUACUUUACAGUU.....	6	1	s12
.....UCUAGGCUAGUUACUUUACAGUU.....	7	1	s12
.....UCUUGGCUGGUUACUUUACAGUU.....	3	1	s12
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# Mature Star

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.....UCUAAGGCUGGUUACUUUAUAGUU.....	7	1	s12
.....UCUAAGGCUGGUUAUUUUACAGUU.....	6	1	s12
.....UCUAAGGCUGGCUAUUUACAGUU.....	18	1	s12
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.....ACUAAGGCUGGUUACUUUACAGUU.....	8	1	s12
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.....UCUAAGGCUGGUUACUUUAAGUU.....	3	1	s12
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.....UCUAGUCUGGUUACUUUACAGUU.....	2	1	s12
.....UCUAAGCUGGUUACUUUACAGUU.....	7	1	s12
.....UCUAAGGCUGUUAUUUACAGUU.....	3	1	s12
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.....UCUAAGGCUGGUUACUUGACAGUU.....	5	1	s12
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.....UCUAAGGCUGGUUACUUUACAGUU.....	24	1	s12
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.....UCUAGACUGGUUACUUUACAGUU.....	2	1	s12
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.....UCUAAGGCUGGUAGUUUACAGUU.....	1	1	s12
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.....UCUAAGGCUGGUUACUUUACAGUUAUUUAUCG.....	1	1	s12
.....UCUAAGGCUGGUUACUCUACAGUUAUUUAUCA.....	1	1	s12
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.....CUAGGCUGGUUACUUUACAUA.....	1	1	s12
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.....CUAGGCUGGUUACUUUACAGC.....	1	1	s12
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.....UAGGCUGGUUACUUUACAG.....	2	0	s12
.....UAGGCUGGUUACUUUACAGU.....	8	0	s12
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.....AUUGUAAACUAAGCAGCUAAAC.....	2	0	s12
.....UUGUAAACUAAGCAGCU.....	1	1	s12
.....UUGUAAACUAAGCAGCUAAAUA.....	4	1	s12
.....UUGUAAACUAAGCAGCUGAAAAC.....	2	1	s12
.....UGUAAACUAAGCAGCUAAAAC.....	1	1	s12
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.....UUGUAAACUAAGCAGCUAAAACC.....	35	0	s12
.....UUGUAAACUAAGCAGCUAAAACU.....	26	1	s12
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.....UUGUAAACUAAGCAGCUAAAACCA.....	6	1	s12
.....UUGUAAACUAAGCAGCUAAAACCU.....	1	1	s12
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.....UGUAAACUAAGCAGCUAAAAC.....	2	0	s12
.....UGUAAACUAAGCAGCUAAAACU.....	2	1	s12
.....UGUAAACUAAGCAGCUAAAACC.....	5	0	s12
.....UGUAAACUAAGCAGCUAAAACCA.....	1	1	s12
.....UAAACUAAGCAGCUAAAACCA.....	1	1	s12
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.....CUUAGGCUGGUUACUUUACAGU.....	1	1	s17
.....CUUAGGCUGGUUACUUUACAGUU.....	2	1	s17
.....UCUAAGGCUGGUUACUUUA.....	1	0	s17



## Mature

## Star

uuauGCCAUUGCUGCUGAGUUCUAGGCGUGGUACUUUACAGUUAUUUCUAUGUAAACUAAGCAGCUAAACCUAGUUGUAGUGAUUUACAGUUUACUUAGGAAGUG

.....UCUAGGCGUGGUACUUUA..	1	1	s17
.....UCGAGGCGUGGUACUUUAC..	1	1	s17
.....CUAAGGCGUGGUACUUUAC..	1	1	s17
.....UCUAGGCGUGGUACUUUAU..	9	1	s17
.....UCUAGGCGUGGUACUUUAC..	1	1	s17
.....UCUAGGCGUGGUACUUUAC..	1	1	s17
.....UCUAGGCGUGGUACUUUUC..	1	1	s17
.....UCUAGGCGUGGUACUUUAC..	1	1	s17
.....UCUAGGCGUGGUACUUUAC..	1	1	s17
.....UCUAGGCGUGGUACUUUAC..	180	0	s17
.....UUUAGGCGUGGUACUUUAC..	1	1	s17
.....UCUAGGCGUGGUACUUUACA..	1	0	s17
.....UCGAGGCGUGGUACUUUACA..	1	1	s17
.....UCUAGGCGUGGUACUUUACAG..	1	1	s17
.....UCUAGGCGUGGUACUUUACA..	1	1	s17
.....UCUAGGCGUGGUACUUUACA..	1	1	s17
.....UCUAGGCGUGGUACUUUACAG..	15	0	s17
.....UCUAGGCGUGGUACUUUACAGG..	19	1	s17
.....UCUAGGCGUGGUACUUUACAGU..	3	1	s17
.....ACUAGGCGUGGUACUUUACAGU..	6	1	s17
.....UCUAAGGCGUGGUACUUUACAGU..	1	1	s17
.....UCUAGGCGUGGUACUUUACAGU..	2	1	s17
.....UCUAGGCGUGGUACUUUACAGU..	9	1	s17
.....UCUAGGCGUGGUACUUUACAGC..	433	1	s17
.....UCUAGGCGUGGUACUUUACAGU..	3	1	s17
.....UCUAGGCGUGGUACUUUACAG..	42	1	s17
.....UCUAGGCGUGGUACUUUACAGU..	1	1	s17
.....UCUAGGCGUGGUACUUUACA..	13	1	s17
.....UCUAGGCGUGGUACUUUACAGU..	20	1	s17
.....UCUAGGCGUGGUACUUUACAGU..	2	1	s17
.....UCUAGGCGUGGUACUUUACAGU..	1	1	s17
.....UCUAGGCGUGGUACUUUACAGU..	3	1	s17
.....UCUAGGCGUGGUACUUUACAGU..	1	1	s17
.....GCUAGGCGUGGUACUUUACAGU..	7	1	s17
.....UCUAGGCGUGGUACUUUACAGU..	10	1	s17
.....UAUAGGCGUGGUACUUUACAGU..	1	1	s17
.....UCUAGGCGUGGUACUUUACAGU..	1	1	s17
.....UCUAGGCGUGGUACUUUACAGU..	9	1	s17
.....UCUAGGCGUGGUACUUUACAGU..	4	1	s17
.....UCUAGGCGUGGUACUUUACAGU..	3	1	s17
.....UCGAGGCGUGGUACUUUACAGU..	3	1	s17
.....UUUAGGCGUGGUACUUUACAGU..	2	1	s17
.....UCUAGGCGUGGUACUUUACAGU..	7	1	s17
.....UCUAGGCGUGGUACUUUACAGU..	3	1	s17
.....UCUAGGCGUGGUACUUUACAGU..	3	1	s17
.....UCGAGGCGUGGUACUUUACAGU..	9	1	s17
.....UCUAGGCGUGGUACUUUACAGU..	10	1	s17
.....UCUAGGCGUGGUACUUUACAGU..	5	1	s17
.....UCUAGGCGUGGUACUUUACA..	2	1	s17
.....UCUAGGCGUGGUACUUUACA..	4	1	s17
.....UCUAGGCGUGGUACUUUACAGU..	4	1	s17
.....UCUAGGCGUGGUACUUUACAGU..	2	1	s17
.....UCUAGGCGUGGUACUUUACAGU..	4	1	s17
.....UCUAGGCGUGGUACUUUACAGU..	2	1	s17
.....UCUAGGCGUGGUACUUUACAGU..	5	1	s17
.....UCUAGGCGUGGUACUUUACAGU..	1	1	s17
.....UCUAGGCGUGGUACUUUACAGU..	2539	0	s17
.....UCUAGGCGUGGUACUUUACAGU..	2	1	s17
.....UCUAGGCGUGGUACUUUACAGU..	1	1	s17
.....UCUAGGCGUGGUACUUUACAGU..	1	1	s17
.....UCUAGGCGUGGUACUUUACAGU..	1	1	s17
.....UCUAGGCGUGGUACUUUACAGU..	3	1	s17
.....UCUAGGCGUGGUACUUUACAGU..	1	1	s17
.....UCUAGGCGUGGUACUUUACAGU..	2	1	s17
.....UCUAGGCGUGGUACUUUACAGU..	11	1	s17
.....UCUAGGCGUGGUACUUUACAGU..	4	1	s17
.....UCUAGGCGUGGUACUUUACAGU..	1	1	s17
.....UCUAGGCGUGGUACUUUACAGU..	5	1	s17
.....UCUAGGCGUGGUACUUUACAGU..	2	1	s17
.....CUAAGGCGUGGUACUUUACAGU..	10	1	s17
.....UCUAGGCGUGGUACUUUACAGU..	15	1	s17

## Mature

## Star

uuauGCCauGcugcugaguu <u>cuaggcugguuacuuuacaguuuuu</u> <u>ucauuguaaacuaagcagcuuaaaccu</u> uaguuguagugauuuacaguuuacuuaggaagug			
.....ucuaaggUugguuacuuuacagu.....	4	1	s17
.....ucuaaggcugguuacUGuacaguu.....	4	1	s17
.....ucuaaggcugguuacuuuacaguA.....	23	1	s17
.....ucuaaggcugAuuaacuuuacaguu.....	2	1	s17
.....Gcuaggcugguuacuuuacaguu.....	8	1	s17
.....ucuaaggcugguuacuuUGcaguu.....	4	1	s17
.....ucuaaggcugguuacuuuacagAu.....	5	1	s17
.....ucuaaggcugguuGcuuuacaguu.....	1	1	s17
.....ucuaaggcugguuacuuuacagCu.....	18	1	s17
.....ucuaaggcugguuacuuuacGguu.....	10	1	s17
.....ucuaaggcugguuacuuuAaguu.....	1	1	s17
.....ucuaaggcugguuacuAuacaguu.....	1	1	s17
.....ucuaaggcugguuacCuuaacaguu.....	11	1	s17
.....ucuaaggcugguuCcuuuacaguu.....	1	1	s17
.....ucuaaggcugguuacuuuacAuu.....	2	1	s17
.....ucuaaggcugguuAUuuuacaguu.....	3	1	s17
.....ucuaaggcAgguuacuuuacaguu.....	4	1	s17
.....uUuaggcugguuacuuuacaguu.....	2	1	s17
.....ucuaaggcGguuacuuuacaguu.....	4	1	s17
.....ucuaaggcugguuAGuuuacaguu.....	2	1	s17
.....ucuaaggcugguuacAuuaacaguu.....	1	1	s17
.....ucuCggcugguuacuuuacaguu.....	1	1	s17
.....ucuaaggcugguuacuuuacaguG.....	19	1	s17
.....ucGaggcugguuacuuuacaguu.....	5	1	s17
.....ucuaaggcugguuacuCuacaguu.....	5	1	s17
.....ucuGggcugguuacuuuacaguu.....	2	1	s17
.....Acuaaggcugguuacuuuacaguu.....	2	1	s17
.....ucuaaggcugguuacuuCacaguu.....	5	1	s17
.....ucuaagAcugguuacuuuacaguu.....	2	1	s17
.....ucuaaggcuAguuacuuuacaguu.....	4	1	s17
.....ucuaaggcugguuacuuuacaguu.....	1550	0	s17
.....ucuaaggcuggAuacuuuacaguu.....	2	1	s17
.....ucuaaggcugUuuuacuuuacaguu.....	2	1	s17
.....ucCaggcugguuacuuuacaguu.....	1	1	s17
.....ucuaaggcugguuacuuuacagGu.....	23	1	s17
.....ucuaUgcugguuacuuuacaguu.....	1	1	s17
.....ucuaaggcugguuacuuUcaguu.....	1	1	s17
.....ucuaaggcGgguuacuuuacaguu.....	1	1	s17
.....ucuaaggcuggCuacuuuacaguu.....	4	1	s17
.....ucuaaggcugguuacuuuacaguC.....	254	1	s17
.....ucAaggcugguuacuuuacaguu.....	3	1	s17
.....Ccuaaggcugguuacuuuacaguu.....	5	1	s17
.....uAuaggcugguuacuuuacaguu.....	1	1	s17
.....ucuaaggcuggGuacuuuacaguu.....	1	1	s17
.....ucuaaggcugguuacuuuacUguu.....	1	1	s17
.....ucuaaggcugguuacuuGacaguu.....	4	1	s17
.....ucuaaggcugguuacuuuacCguu.....	1	1	s17
.....ucuaaggcugguuacuuuacaguuU.....	9	1	s17
.....ucuaaggcugguuacuuuacaguuuuuauca.....	3	0	s17
.....Ccuaaggcugguuacuuuacaguuuuuauca.....	1	1	s17
.....cuaggcugguuacuuuacagC.....	1	1	s17
.....cuaggcugguuacuuuacagu.....	10	0	s17
.....cAaggcugguuacuuuacaguu.....	2	1	s17
.....cuaggcugguuacuuuacaguu.....	10	0	s17
.....cuaggcugguuacuuuacaguC.....	1	1	s17
.....cuaggcugguuacuuuAaguu.....	1	1	s17
.....uaggcugguuacuuuacagu.....	6	0	s17
.....ucauuguaaaacuaagcagcuuaaac.....	1	0	s17
.....uuguaaaacuaagcagcuuaaac.....	3	0	s17
.....uuguaaaacuaagcagcuuaaacU.....	2	1	s17
.....uuguaaaacuaagcagcuuaaac.....	6	0	s17
.....uuguaaaacuaagcagcuuaaacA.....	3	1	s17
.....Cuguaaaacuaagcagcuuaaac.....	1	1	s17
.....uguaaaacuaagcagcuuaaacU.....	2	1	s17
.....uaaacuaagcagcuuaaac.....	1	0	s17
.....Cucuaggcugguuacuuuacagu.....	2	1	s01
.....ucuaaggcugguuacuuua.....	4	0	s01
.....ucuaaggcugguuacuuuaU.....	1	1	s01
.....ucuaaggcugguuacuCuac.....	3	1	s01

## Mature

## Star

uuauGCCauugcugcugaguu <u>cuaggcugguuacuuuacaguuuuu</u> <u>ucauuguaaacuaagcagcuuaa</u> ccuuaguuguagugauuuuacaguuuacuuaggaagug			
.....uc <u>uaggcugguuacuuuac</u> .....	51	0	s01
.....uc <u>uaggcugguuaUuuuac</u> .....	1	1	s01
.....uc <u>uaggcugguuacuuuaca</u> .....	7	0	s01
.....uc <u>uaggcugguuacuuuacag</u> .....	2	0	s01
.....C <u>cuaggcugguuacuuuacagu</u> .....	2	1	s01
.....uc <u>uaggcugguuaUuuuacagu</u> .....	1	1	s01
.....uc <u>uaggcugguuacuuuacGgu</u> .....	2	1	s01
.....uc <u>uGggcugguuacuuuacagu</u> .....	9	1	s01
.....uc <u>uaggcugguuacuuCacagu</u> .....	2	1	s01
.....G <u>cuaggcugguuacuuuacagu</u> .....	4	1	s01
.....uc <u>uaggcugguuaGuuuacagu</u> .....	1	1	s01
.....uc <u>uaggcugguCaCuuuacagu</u> .....	4	1	s01
.....uc <u>uaggcugguuacuCuacagu</u> .....	6	1	s01
.....uc <u>uaggcugguuacuuGacagu</u> .....	1	1	s01
.....uc <u>uaggcuAguuacuuuacagu</u> .....	1	1	s01
.....uc <u>uaggcugguuacuAuacagu</u> .....	2	1	s01
.....uc <u>uaggcugguuUcuuuacagu</u> .....	1	1	s01
.....uc <u>uaggcugguuacuuuacagA</u> .....	17	1	s01
.....uc <u>uaggcugAuuacuuuacagu</u> .....	3	1	s01
.....uc <u>uaggcuUguuacuuuacagu</u> .....	1	1	s01
.....ucC <u>aggcugguuacuuuacagu</u> .....	1	1	s01
.....uc <u>uaggcGguuacuuuacagu</u> .....	2	1	s01
.....uc <u>uaggcugguuaAuuuacagu</u> .....	1	1	s01
.....uc <u>uaggcugguuacuuuacagG</u> .....	5	1	s01
.....uc <u>uaggcugguuacCuacagu</u> .....	4	1	s01
.....uc <u>uaggcugguAAcuuuacagu</u> .....	1	1	s01
.....uc <u>uaggcugguuacuGuacagu</u> .....	1	1	s01
.....uc <u>uaggcugguuacuuuacCgu</u> .....	1	1	s01
.....uc <u>uaggcugguuacuuuacagu</u> .....	587	0	s01
.....uc <u>uaggcugGuacuuuacagu</u> .....	2	1	s01
.....uc <u>uaggcugUuuacuuuacagu</u> .....	1	1	s01
.....ucA <u>aggcugguuacuuuacagu</u> .....	1	1	s01
.....uc <u>uaggcugguuacuuuacagC</u> .....	94	1	s01
.....uc <u>uaggcugguuUcuuuacaguu</u> .....	2	1	s01
.....uc <u>uaggcugguuacuuuacaguC</u> .....	35	1	s01
.....uc <u>uaggcugguuacCuacaguu</u> .....	3	1	s01
.....uc <u>uaggcugguuacuAuacaguu</u> .....	1	1	s01
.....uG <u>uaggcugguuacuuuacaguu</u> .....	1	1	s01
.....uc <u>uaggcAguuacuuuacaguu</u> .....	1	1	s01
.....uc <u>uaggcugguuacuuuacaUuu</u> .....	2	1	s01
.....uc <u>uaggcugguuaGuuuacaguu</u> .....	2	1	s01
.....uc <u>uaggcugguuacuuuacaguu</u> .....	396	0	s01
.....uc <u>uaggcugguuacuuuacagGu</u> .....	6	1	s01
.....uc <u>uaggcugguuacuuuacagCu</u> .....	2	1	s01
.....uc <u>uaggcugguuacuuuacaguA</u> .....	13	1	s01
.....uc <u>uaggcugCuacuuuacaguu</u> .....	1	1	s01
.....uc <u>uaggcugguuacuCuacaguu</u> .....	2	1	s01
.....uc <u>uaggcugguuGcuuuacaguu</u> .....	1	1	s01
.....uc <u>uaggcugGuacuuuacaguu</u> .....	3	1	s01
.....uc <u>uaggcugguuacuuuacGguu</u> .....	3	1	s01
.....uc <u>uaggcugguuacuGuacaguu</u> .....	2	1	s01
.....C <u>cuaggcugguuacuuuacaguu</u> .....	1	1	s01
.....A <u>cuaggcugguuacuuuacaguu</u> .....	2	1	s01
.....G <u>cuaggcugguuacuuuacaguu</u> .....	1	1	s01
.....uc <u>uGggcugguuacuuuacaguu</u> .....	1	1	s01
.....ucC <u>aggcugguuacuuuacaguu</u> .....	2	1	s01
.....ucU <u>ggcugguuacuuuacaguu</u> .....	1	1	s01
.....uc <u>uaggcCgguuacuuuacaguu</u> .....	2	1	s01
.....uc <u>uaggcugguuacuuGacaguu</u> .....	1	1	s01
.....ucA <u>aggcugguuacuuuacaguu</u> .....	1	1	s01
.....uc <u>uaggcugguuacuuuUcaguu</u> .....	1	1	s01
.....uc <u>uagAcugguuacuuuacaguu</u> .....	1	1	s01
.....uc <u>uaggcugguuacuuuacaguG</u> .....	2	1	s01
.....uc <u>uaggcugguuacuuuacagAu</u> .....	1	1	s01
.....uc <u>uaggcugguuacuuuacaguuU</u> .....	1	1	s01
.....c <u>uaggcugguuacuuuaca</u> .....	1	0	s01
.....c <u>uaggcugguuacuuuacag</u> .....	1	0	s01
.....c <u>uaggcugguuacuuuacagu</u> .....	1	0	s01
.....c <u>uaggcugguuacuuuacagA</u> .....	1	1	s01
.....c <u>uaggcugguuacuuuacaguu</u> .....	2	0	s01

## Mature

## Star

uuauGCCauGcUGcUGaguuCUuagGcUGguuacuuuacAGuuauuauCUauUGuaaacuaagcAGcuuaaCCuuaguUGuagUGauuuacAGuuuacuuaggaagug			
.....uagGcUGguuacuuuacAGuC.....	1	1	s01
.....auuauCUauUGuaaacuaagcAGcuuaaACU.....	1	1	s01
.....uUGuaaacuaagcAGcuuaaAU.....	1	1	s01
.....uUGuaaacuaagcAGcuuaaAC.....	2	0	s01
.....uUGuaaacuaagcAGcuuaaACC.....	2	0	s01
.....uUGuaaacuaagcAGcuuaaACC A.....	2	1	s01
.....CUCuagGcUGguuacuuuac.....	2	1	s10
.....CUCuagGcUGguuacuuuacAGuu.....	3	1	s10
.....ucUagGcUGguuacuuAua.....	1	1	s10
.....ucUagGcUGguuacuuua.....	4	0	s10
.....ucUagGcUGguuacCUuac.....	3	1	s10
.....ucUagGcUGguuacAUuac.....	1	1	s10
.....ucUUGGcUGguuacuuuac.....	1	1	s10
.....ucUagGcUGguuacuuUGc.....	3	1	s10
.....ucUagGcUGguuGcuuuac.....	2	1	s10
.....ucUagUCUGguuacuuuac.....	1	1	s10
.....ucUagGcUGguuacuuuac.....	449	0	s10
.....ucUagGcUGguCacuuuac.....	1	1	s10
.....GcuagGcUGguuacuuuac.....	1	1	s10
.....ucUagGcUGguuacUCuac.....	1	1	s10
.....ucUagGcUGguAuaacuuuac.....	1	1	s10
.....ucUagGcUGguuacuuAAc.....	1	1	s10
.....ucUagGCUAGuuacuuuac.....	2	1	s10
.....CCuagGcUGguuacuuuac.....	5	1	s10
.....ucUagGcUGguuacuuGac.....	1	1	s10
.....ucUagGcUGguAuaacuuuac.....	1	1	s10
.....ucUagGcUGguuacuuuaU.....	22	1	s10
.....ACuagGcUGguuacuuuac.....	3	1	s10
.....ucUagGcUGguuacuuuac.....	1	1	s10
.....ucUagGcUGguuacuuuaca.....	31	0	s10
.....ucUagGcUGguuacUCuacag.....	2	1	s10
.....ucUagGcUGguuacuuuacag.....	31	0	s10
.....GcuagGcUGguuacuuuacag.....	1	1	s10
.....ucUagGcUGguuacuuCacag.....	2	1	s10
.....ucUagGcUGguuacuuuacag.....	1	1	s10
.....ucUagGcUGguuacuuuacaA.....	3	1	s10
.....ucUagGcUGguuacuuuacGg.....	1	1	s10
.....ucUagGcUGguuacuuUGcagu.....	14	1	s10
.....ucUagGcUGguuaUuuuacagu.....	7	1	s10
.....ucUagGCUgguuacuuuacagu.....	3	1	s10
.....ucUagGcUGguuacuuuacagu.....	7	1	s10
.....ucUagGcUGguuacuuuacagC.....	1151	1	s10
.....ucUagGcUGguuacuuuacagG.....	81	1	s10
.....ucUagGcAGguuacuuuacagu.....	5	1	s10
.....ucUagGcUGguuacuuuagagu.....	3	1	s10
.....ucUagGcUGguCacuuuacagu.....	13	1	s10
.....ucCagGcUGguuacuuuacagu.....	10	1	s10
.....ucUagGcUGguuaAUuuuacagu.....	8	1	s10
.....ucUagGcUGguuacuuuacagu.....	3	1	s10
.....ucUagGcUGguuacuuAAcagu.....	5	1	s10
.....ucUCgGcUGguuacuuuacagu.....	1	1	s10
.....ucuaUGcUGguuacuuuacagu.....	3	1	s10
.....ucAagGcUGguuacuuuacagu.....	1	1	s10
.....ucUagGcUGguuacuuuacagu.....	6694	0	s10
.....ucUagGcUGCUuacuuuacagu.....	2	1	s10
.....CCuagGcUGguuacuuuacagu.....	30	1	s10
.....ucUagGcUGGCUacuuuacagu.....	25	1	s10
.....ucUagGcUGguuacuCUacagu.....	23	1	s10
.....ucUagGcUGguuacuuUcagu.....	1	1	s10
.....ucUagGcUGguuGcuuuacagu.....	12	1	s10
.....uAUagGcUGguuacuuuacagu.....	1	1	s10
.....ucuaCGcUGguuacuuuacagu.....	1	1	s10
.....ucUagGcUGUuuuacuuuacagu.....	4	1	s10
.....ucUagGcUGAUuacuuuacagu.....	4	1	s10
.....ucUagGcUGguuacuuuacGgu.....	35	1	s10
.....ucUGgGcUGguuacuuuacagu.....	23	1	s10

## Mature

## Star

uuauGCCAUUGCUGCUGAGUUCUAAGGCUGGUUACUUUACAGUUAUUUUCUAUGUAAACUAAGCAGCUUAAACCUUAGUUGUAGUGAUUUACAGUUUACUUAGGAAGUG

.....UCUAAGGCUGGUAAACUUUACAGU.....	1	1	s10
.....UCUAGGCUCGUUACUUUACAGU.....	1	1	s10
.....UCUAGGCUGGUUACUGUACAGU.....	27	1	s10
.....UCUAGGCUGGUUACUUUACAGU.....	2	1	s10
.....UCUAGGCUGGUUACUUGACAGU.....	7	1	s10
.....UCUAGGCUGGUUACUUUACAu.....	10	1	s10
.....UCUAGGUGGUUACUUUACAGU.....	8	1	s10
.....UCUAGGCUGGUUACUUUACCGU.....	8	1	s10
.....UCUAGGCUGGUUACUUUCAGU.....	5	1	s10
.....UCUAGGCUGGAAACUUUACAGU.....	1	1	s10
.....UCUAGGCUGGUUACUAAACAGU.....	11	1	s10
.....UCUAGGCUGGUUACUUUAUGU.....	2	1	s10
.....UCUAGGUGGUUACUUUACAGU.....	10	1	s10
.....UCUAGGCUGGUUCUUUACAGU.....	3	1	s10
.....UCUAGGCUGGUUACUUUCAGU.....	15	1	s10
.....UCUAGGCUAGUUACUUUACAGU.....	5	1	s10
.....UCUAGACUGGUUACUUUACAGU.....	6	1	s10
.....UCUAAGCUGGUUACUUUACAGU.....	19	1	s10
.....UCUAGGCUGGUAACUUUACAGU.....	2	1	s10
.....ACUAGGCUGGUUACUUUACAGU.....	19	1	s10
.....UCUAGGCUGGUUACUUUACAGU.....	8	1	s10
.....UCUAGCCUGGUUACUUUACAGU.....	1	1	s10
.....UCUAGGCUGGUUACUUUACUGU.....	3	1	s10
.....UCUAGGCUGGUUACUUUACAGU.....	36	1	s10
.....UCUAGGCUGGUUACUUUACAGU.....	13	1	s10
.....UCUAGGCUGGUUGACUUUACAGU.....	1	1	s10
.....UCUAGGCUGGUUACUUUACAGAA.....	93	1	s10
.....GCUAGGCUGGUUACUUUACAGU.....	8	1	s10
.....UCUAGGCUGGUUAUUUACAGU.....	6	1	s10
.....UCUAGGCUGGUUACUUUAAGU.....	1	1	s10
.....UCUAGGCUGGUUACUUUACAu.....	6	1	s10
.....UCUAGGCUGGUUACUUUACAu.....	6	1	s10
.....UCUAGUCUGGUUACUUUACAGU.....	3	1	s10
.....UCGAGGCUGGUUACUUUACAGU.....	8	1	s10
.....UCUAGGCUGGUUACUUUACAGU.....	8	1	s10
.....UCUAGGCUGGUUUCUUUACAGU.....	1	1	s10
.....UCUAGGCUGGUUACUUUACAu.....	2	1	s10
.....UCUAGGCUGGUUACUUAAACAGU.....	4	1	s10
.....UCUAGGCUGGUUACUUUACAGUC.....	912	1	s10
.....UCUAAGCUGGUUACUUUACAGU.....	1	1	s10
.....UCUAGGCUGGUUGCUUUACAGU.....	11	1	s10
.....UCUAGACUGGUUACUUUACAGU.....	7	1	s10
.....UCUAGGCUGGUUACUUUACAGAA.....	13	1	s10
.....UCUAGGCUGGUUGACUUUACAGU.....	2	1	s10
.....UCUAGGCUGGAAACUUUACAGU.....	4	1	s10
.....uUuAGGCUGGUUACUUUACAGU.....	5	1	s10
.....UCUAGGCUGGUUACUUUACCGU.....	6	1	s10
.....UCUAGGCUUGUUACUUUACAGU.....	1	1	s10
.....UCUAGGCUGGUUAUUUACAGU.....	4	1	s10
.....UCUAGGCUGGUUACUUUGCAGU.....	16	1	s10
.....UCUAGGCUGGUUACUCACAGU.....	16	1	s10
.....UCUAGGCUGGUUACUUUACAGU.....	5286	0	s10
.....UCUAGGCUGGUUACUUUAAGU.....	1	1	s10
.....UCUAGGCUGGUUACUUUACAGU.....	27	1	s10
.....UCUAGGUGGUUACUUUACAGU.....	6	1	s10
.....UCUAGGCUGGUUACUUUACAGGU.....	122	1	s10
.....UCUAGGCUGGUUACUUUGACAGU.....	4	1	s10
.....ACUAGGCUGGUUACUUUACAGU.....	11	1	s10
.....UCUAGGCUGCUUACUUUACAGU.....	1	1	s10
.....UCUAGGCUGGUUACUAAACAGU.....	4	1	s10
.....UCUAGGCUGGUUUCUUUACAGU.....	1	1	s10
.....UCUAGGCUGAAUUACUUUACAGU.....	7	1	s10
.....UCUAGGCUGGUUACGUUACAGU.....	4	1	s10
.....UCUAGGCUGGUAACUUUACAGU.....	4	1	s10
.....UCUAGGCUGGUUACUGUACAGU.....	10	1	s10
.....UCUAGGCUGGUUAUUUACAGU.....	7	1	s10
.....UCUAGGCUGGUUACUUUACAGCU.....	59	1	s10
.....UCUAGUCUGGUUACUUUACAGU.....	1	1	s10
.....UCUAGGCUGGUUACUUUACAuu.....	5	1	s10
.....UCUAGGCUGGUUCUUUACAGU.....	3	1	s10

Star

uuauugccauugcugcgaguuucuaaggcuggguacuuaacaguuaauuauc <u>aa</u> uuguaaacuaaagcagcuuaaaccuuaguuuguagugauuuuacaguuuacuuagggaagug			
. . . . . ucuaaggcugUuuacuuuacaguu . . . . .	3	1	s10
. . . . . ucGagggcuggguacuuiuacaguu . . . . .	1	1	s10
. . . . . ucuaggcGggguacuuiuacaguu . . . . .	7	1	s10
. . . . . ucUGggcuggguacuuiuacaguu . . . . .	15	1	s10
. . . . . ucCaggcuggguacuuiuacaguu . . . . .	15	1	s10
. . . . . ucuaggcuggguacuuiuacaguuA . . . . .	104	1	s10
. . . . . ucuaggcugggCuacuuiuacaguu . . . . .	13	1	s10
. . . . . ucuaggcCggguacuuiuacaguu . . . . .	13	1	s10
. . . . . ucuaggcuggguacuuiuaUaguu . . . . .	5	1	s10
. . . . . ucuagggcAguuacuuiuacaguu . . . . .	3	1	s10
. . . . . ucuaggcuggguacuuiuaUGuu . . . . .	9	1	s10
. . . . . CCuaaggcuggguacuuiuacaguu . . . . .	22	1	s10
. . . . . ucuaggGUggguacuuiuacaguu . . . . .	3	1	s10
. . . . . ucuaggcuggguuAGuuuacaguu . . . . .	4	1	s10
. . . . . GCuaaggcuggguacuuiuacaguu . . . . .	6	1	s10
. . . . . ucuaggcuggguacuuiuaCGuu . . . . .	28	1	s10
. . . . . ucuaAGcuggguacuuiuacaguu . . . . .	3	1	s10
. . . . . ucuaggcuggguacuuiuCacaguu . . . . .	8	1	s10
. . . . . ucuaggcuggguCacuuiuacaguu . . . . .	10	1	s10
. . . . . ucAAggcuggguacuuiuacaguu . . . . .	1	1	s10
. . . . . ucuaggcuggguacuuiuaCaUuu . . . . .	1	1	s10
. . . . . ucuaggGAuggguacuuiuacaguu . . . . .	7	1	s10
. . . . . ucuaggcAGguacuuiuacaguu . . . . .	7	1	s10
. . . . . ucuaggcuggguacuuiuaCcaguu . . . . .	3	1	s10
. . . . . ucuaggcuggguacuuiuaCaguG . . . . .	63	1	s10
. . . . . ucuCGgcuggguacuuiuacaguu . . . . .	2	1	s10
. . . . . ucuaggcuggguacuuiuacaguuU . . . . .	39	1	s10
. . . . . ucuaggcuggguacuuiuaCaguuC . . . . .	2	1	s10
. . . . . ucuaggcuggguacuuiuaCaguuG . . . . .	1	1	s10
. . . . . ucuaggcuggguacuuiuaCaguuA . . . . .	4	0	s10
. . . . . ucuaggcuggguacuuiuaCaguuauu . . . . .	2	0	s10
. . . . . ucuaggcuggguacuuiuaCaguuauuaucA . . . . .	3	0	s10
. . . . . cuaggcuggguacuuiuacag . . . . .	2	0	s10
. . . . . cuaggcuggguacuuiuaacagC . . . . .	4	1	s10
. . . . . cuaggcuggguacuuiuaacagu . . . . .	11	0	s10
. . . . . cuaggcuggguacuuiuaacaguu . . . . .	6	0	s10
. . . . . cuaggcuggguacuuiuaacagGu . . . . .	1	1	s10
. . . . . uaggcuggguacuuiuacagu . . . . .	2	0	s10
. . . . . uaggcuggguacuuiuaacagC . . . . .	1	1	s10
. . . . . uaggcuggguacuuiuaacaguu . . . . .	1	0	s10
. . . . . auuauc <u>aa</u> uuguaaa <u>cua</u> aagcagcuuaaacc . . . . .	1	0	s10
. . . . . auuauc <u>aa</u> uuguaaa <u>cua</u> aagcagcuuaaaccU . . . . .	1	1	s10
. . . . . uu <u>guaaaa</u> cuaagcagcuu . . . . .	1	0	s10
. . . . . uu <u>guaaaa</u> cuaagcagcuua . . . . .	1	0	s10
. . . . . uu <u>guaaaa</u> cuaagcagcuuaa . . . . .	1	0	s10
. . . . . uu <u>guaaaa</u> cuaagcagAuuaaacc . . . . .	1	1	s10
. . . . . uu <u>guaaaa</u> cuaagcagcuuaaaU . . . . .	1	1	s10
. . . . . uu <u>guaaaa</u> cuaGGcagcuuaaacc . . . . .	1	1	s10
. . . . . uu <u>guaaaa</u> cuaagcagcCUaaacc . . . . .	1	1	s10
. . . . . uu <u>guaaaa</u> cuaagcagcuuaaacc . . . . .	40	0	s10
. . . . . uu <u>guaaaa</u> cuaagcagcuuaaaccA . . . . .	13	1	s10
. . . . . uu <u>guaaaa</u> cuaagcagcuuaaacc . . . . .	22	0	s10
. . . . . uu <u>guaaaa</u> cuaagcagcuuaaaccU . . . . .	7	1	s10
. . . . . uu <u>guaaaa</u> cuaagcagcuuaaaccA . . . . .	3	1	s10
. . . . . uguaaa <u>cua</u> aagcagcuuaa . . . . .	1	0	s10
. . . . . uguaaa <u>cua</u> aagcagcuuaaacc . . . . .	23	0	s10
. . . . . uguaaa <u>cua</u> Ugcagcuuaaacc . . . . .	1	1	s10
. . . . . uguaaa <u>cua</u> aagcagcuuaaaccU . . . . .	1	1	s10
. . . . . uguaaa <u>cua</u> aagcagcuGaacc . . . . .	1	1	s10
. . . . . uguaaa <u>cua</u> aagcagcuuaaaccA . . . . .	1	1	s10
. . . . . uguaaa <u>cua</u> aagcagcuuaaacc . . . . .	4	0	s10
. . . . . uguaaa <u>cua</u> aagcagcuuaaaccA . . . . .	3	1	s10
. . . . . uguaaa <u>cua</u> aagcagcuuaaaccAu . . . . .	1	1	s10
. . . . . ua <u>aa</u> acuaagcagCAuaaacc . . . . .	1	1	s10
. . . . . ua <u>aa</u> acuaagcagcuuaaaccA . . . . .	1	1	s10
uuauGAcauugcugcguga . . . . .	1	1	s02
uuauGCCauugcugcgaguu . . . . .	2	0	s02
uuauGCCauugcugcgaguu . . . . .	2	0	s02
. . . . . Au <u>cuaggcuggguacuuiuacagu</u> . . . . .	1	1	s02

## Mature

## Star

uuauGCCAUUGCUGCUGAGUUCUAAGGCUGGUUACUUUACAGUUAUUUAUCAUUGUAAACUAAGCAGCUUAAACCUAGUUGUAGUGAUUUACAGUUUACUUAGGAAGUG

.....CUCUAAGGCUGGUUACUUUACAGU.....	33	1	s02
.....UUCUAAGGCUGGUUACUUUACAGC.....	1	1	s02
.....CUCUAAGGCUGGUUACUUUACAGUU.....	4	1	s02
.....UCUAAGGCUGGUACUUUA.....	1	1	s02
.....UCUAAGGCUGGUUACUUUA.....	16	0	s02
.....UGUAAGGCUGGUUACUUUAC.....	1	1	s02
.....UCUAAGGCUGGUUACUUUAC.....	4	1	s02
.....UCUAGUCUGGUUACUUUAC.....	1	1	s02
.....UCUAGGAGGUUACUUUAC.....	1	1	s02
.....UCUUGGCUGGUUACUUUAC.....	2	1	s02
.....UCUAAGGCUGGUUACUUUAC.....	4	1	s02
.....UCUAGGUGGUUACUUUAC.....	3	1	s02
.....UCUAAGGCUGGUUACUUUA.....	1	1	s02
.....UCUAGGCUGGUUACUUUA.....	3	1	s02
.....UCUAGGCUGGUUACUUUA.....	1	1	s02
.....UCUAAGGCUGGUUACUUUUC.....	1	1	s02
.....UCUAAGGCUGGUUACUUUAU.....	191	1	s02
.....UCUAAGGCUGGUACUUUAC.....	5	1	s02
.....UCUAAGGCUGGUUACUGUAC.....	4	1	s02
.....GCUAGGCUGGUUACUUUAC.....	4	1	s02
.....UCUAAGGCUGGUUACUUAAC.....	6	1	s02
.....UCUAAGGCUGGUUACGUUAC.....	1	1	s02
.....UCUAAGGCUGGUGUACUUUAC.....	2	1	s02
.....UCUAAGGCUGGUUACUUUA.....	3	1	s02
.....UCGAGGCUGGUUACUUUAC.....	2	1	s02
.....UCUAAGGCUGGCUACUUUAC.....	4	1	s02
.....UCUAAGGCUGGUUACUUUGC.....	5	1	s02
.....UUAAGGCUGGUUACUUUAC.....	3	1	s02
.....UCGAGGCUGGUUACUUUAC.....	2	1	s02
.....UCUAAGGCUGGCUACUUUAC.....	4	1	s02
.....UCUAAGGCUGGUUACUUUAC.....	4	1	s02
.....UCUAAGGUGGUUACUUUAC.....	1	1	s02
.....ACUAAGGCUGGUUACUUUAC.....	2	1	s02
.....UCUAAGGCUGUUAACUUUAC.....	1	1	s02
.....UCUAAGGCUGGUUACUUUAAC.....	3	1	s02
.....UCUAAGGCUGGUUAUUUAC.....	3	1	s02
.....UCUAAGGCUGGUUACUUUAC.....	3	1	s02
.....UCUAAGGCUGGUUACUUAC.....	7	1	s02
.....UCUAAGGCUGGUUACUUUAC.....	2295	0	s02
.....UCUAAGGCUGGUUACUUAC.....	1	1	s02
.....UCUAAGGCUGGUUACUUUAAC.....	10	1	s02
.....CCUAAGGCUGGUUACUUUAC.....	16	1	s02
.....UCUAAGGCUGGUUACUUUAC.....	1	1	s02
.....UCUAAGGCUGGUUACUUUAC.....	3	1	s02
.....UCUAAGGCUGGUUACUUUAC.....	5	1	s02
.....UCUGGCUGGUUACUUUAC.....	13	1	s02
.....UCUAAGGCUGGUUACUUUAC.....	9	1	s02
.....UCUAAGGCUGGUUACUUUAC.....	2	1	s02
.....UCUAAGGCUGGUUACUUUAC.....	3	1	s02
.....UCUAAGGCUGGUUACUUUAC.....	3	1	s02
.....UCUAAGGCUGGUUACUUUACA.....	154	0	s02
.....UCGAGGCUGGUUACUUUACA.....	1	1	s02
.....UCUAAGGCUGGUACUUUACA.....	1	1	s02
.....UCUGGCUGGUUACUUUACA.....	1	1	s02
.....UCUAAGGCUGGUUACUUUAC.....	1	1	s02
.....UCUAAGGCUGGUUACUUUGCA.....	1	1	s02
.....GCUAGGCUGGUUACUUUACA.....	1	1	s02
.....UCUAAGGCUGGUUACUUUAC.....	4	1	s02
.....UCGAGGCUGGUUACUUUACA.....	1	1	s02
.....UCUAAGGCUGGUUACUUUAC.....	5	1	s02
.....UCUAAGGCUGGUUACUUACACA.....	1	1	s02
.....UCUAAGGCUGGUUACUUUACAG.....	68	0	s02
.....UCUAAGGCUGGUUACUUUACA.....	2	1	s02
.....UCUAAGGCUGGUUACUUUAUAG.....	1	1	s02
.....UCUAAGGCUGGUUACUUUACA.....	1	1	s02
.....UCUAAGGCUGGUUACUUAACAG.....	2	1	s02
.....UCGAGGCUGGUUACUUUACAG.....	3	1	s02
.....UCUAAGGCUGGUUACUGUACAG.....	1	1	s02
.....UCUAAGGCUGGUUACUUUACAG.....	1	1	s02
.....UCUAAGGCUGGUUACUUACAG.....	1	1	s02
.....UCUAAGGCUGGUUACUUUACAG.....	1	1	s02
.....CCUAAGGCUGGUUACUUUACAG.....	2	1	s02

## Mature

## Star

uuauGCCauGcugcugaguu	ucuaGGcugguuacuuuacaguuuuu	ucauuguuaacuaagcagcuuaa	ccuuaguuguagugauuuacaguuuacuuaggaagug			
.....ucuaGGcugguuacuuuacUgu.....	49	1	s02			
.....ucuaGGcugguuacuCucaguu.....	109	1	s02			
.....uAuaGGcugguuacuuuacaguu.....	3	1	s02			
.....ucuaGGcugguuacuuuacagG.....	383	1	s02			
.....ucuaGAcugguuacuuuacaguu.....	41	1	s02			
.....ucuaGGcugguuacuuuacaguu.....	19	1	s02			
.....ucuaCgcugguuacuuuacaguu.....	2	1	s02			
.....uGuagGcugguuacuuuacaguu.....	4	1	s02			
.....ucuaGGUggguuacuuuacaguu.....	35	1	s02			
.....ucCagGcugguuacuuuacaguu.....	91	1	s02			
.....ucuaGGcugguuacuuuacaguu.....	40	1	s02			
.....ucuaGGcCgguuacuuuacaguu.....	104	1	s02			
.....ucuaGGcugGuuacuuuacaguu.....	40	1	s02			
.....ucGagGcugguuacuuuacaguu.....	23	1	s02			
.....ucuaGUCugguuacuuuacaguu.....	16	1	s02			
.....ucuaGGcugguuacuuuacaguu.....	72	1	s02			
.....ucuaGGcugUuuacuuuacaguu.....	31	1	s02			
.....ucuaGGcugguuacuuuacaguu.....	64	1	s02			
.....ucuaGGcugguuacuuuacaguu.....	234	1	s02			
.....ucuaGGcucAguuacuuuacaguu.....	26	1	s02			
.....ucuaGGcugguuacuuuacaguu.....	7	1	s02			
.....ucuaAGcugguuacuuuacaguu.....	40	1	s02			
.....ucuaGGcugguuacuuuacagC.....	6015	1	s02			
.....ucuaGGcugguuacuuuacaguu.....	71	1	s02			
.....ucuaGGcugguuacuuuacaguu.....	48	1	s02			
.....ucuaGGcugguuacuuuacaguu.....	60	1	s02			
.....CcuagGcugguuacuuuacaguu.....	221	1	s02			
.....ucuaGGcugguuacuuuacaguu.....	11	1	s02			
.....ucuaGGcugguuacuuuacaguu.....	28	1	s02			
.....ucuaGGcugguuacuuuacaguu.....	16	1	s02			
.....ucuaGGcugguuacuuuacaguu.....	41	1	s02			
.....ucuaGGcugguuacuuuacaguu.....	7	1	s02			
.....ucuaUGcugguuacuuuacaguu.....	9	1	s02			
.....ucuaGGcugguuacuuuacaguu.....	24	1	s02			
.....ucuaGGcucUguuacuuuacaguu.....	14	1	s02			
.....ucuaGGcugguuacuuuacaguu.....	44	1	s02			
.....ucuaGGcugguuacuuuacaguu.....	74	1	s02			
.....ucuaGGcugguuacuuuacaguu.....	16	1	s02			
.....ucuaGGcugguuacuuuacaguu.....	124	1	s02			
.....ucuaGGcugguuacuuuacaguu.....	68	1	s02			
.....ucuaGGcugguuacuuuacaguu.....	30	1	s02			
.....ucuaGCUggguuacuuuacaguu.....	3	1	s02			
.....ucuaGGcAGguuacuuuacaguu.....	49	1	s02			
.....ucAagGcugguuacuuuacaguu.....	24	1	s02			
.....ucuaGGcGggguuacuuuacaguu.....	35	1	s02			
.....ucuaGGcugguuacuuuacaguu.....	3	1	s02			
.....ucuaGGcugguuacuuuacaguu.....	48	1	s02			
.....ucuaGGcugGuuacuuuacaguu.....	19	1	s02			
.....ucuaGGcugguuacuuuacaguu.....	38	1	s02			
.....uUuaGGcugguuacuuuacaguu.....	31	1	s02			
.....ucuaGGcugguuacuuuacaguu.....	22	1	s02			
.....ucuCggcugguuacuuuacaguu.....	16	1	s02			
.....ucuaGGAugguuacuuuacaguu.....	55	1	s02			
.....ucuaGGcugGuuacuuuacaguu.....	17	1	s02			
.....ucuaGGcugguuacuuuacaguu.....	36	1	s02			
.....ucuCggcugguuacuuuacaguu.....	144	1	s02			
.....ucuaGGcugguuacuuuacaguu.....	15	1	s02			
.....ucuaGGcugguuacuuuacaguu.....	79	1	s02			
.....ucuaGGcugguuacuuuacaguu.....	8	1	s02			
.....ucuaGGcugguuacuuuacaguu.....	37098	0	s02			
.....ucuaGGcugguuacuuuacaguu.....	540	1	s02			
.....ucuaGGcugguuacuuuacaguu.....	204	1	s02			
.....GcuagGcugguuacuuuacaguu.....	61	1	s02			
.....AcuaGGcugguuacuuuacaguu.....	103	1	s02			
.....ucUgGcugguuacuuuacaguu.....	5	1	s02			
.....ucuaGGcugguuacuuuacaguu.....	42	1	s02			
.....ucuaGGcugguuacuuuacaguu.....	28944	0	s02			
.....ucuaGCUggguuacuuuacaguu.....	3	1	s02			
.....ucuaGGcugguuacuuuacaguu.....	8	1	s02			
.....ucuaGGcugguuacuuuacaguu.....	167	1	s02			



## Mature

## Star

uuauGCCauGcugcugaguu <u>cuaggcugguuacuuuacaguuuuu</u> <u>ucauuguaa</u> <u>cuaggcguu</u> <u>aaaccuu</u> aguuguagugauuuacaguuuacuuaggaagug			
.....uGuaggcugguuacuuuacaguu.....	9	1	s02
.....ucuaggcugguu <u>C</u> uuuacaguu.....	16	1	s02
.....ucuaggcugguuacuuuacag <u>U</u> .....	498	1	s02
.....ucuaggcugguuacuuuacaguu.....	27	1	s02
.....ucuaggcugguGacuuuacaguu.....	8	1	s02
.....ucuaggcugguuacuuuac <u>A</u> uu.....	18	1	s02
.....ucuaggcugguuacuuu <u>A</u> guu.....	10	1	s02
.....ucuaggcugguuac <u>A</u> uuacaguu.....	11	1	s02
.....ucuaggcugguuacuuGacaguu.....	35	1	s02
.....ucuaggcuggCuacuuuacaguu.....	98	1	s02
.....ucuaggcugguuacGuuacaguu.....	25	1	s02
.....Gcuaggcugguuacuuuacaguu.....	59	1	s02
.....ucuaggcugguuacuuuacaguu <u>A</u> .....	353	1	s02
.....ucuaggcugguu <u>A</u> uuuacaguu.....	21	1	s02
.....ucuagUcugguuacuuuacaguu.....	6	1	s02
.....Ccuaggcugguuacuuuacaguu.....	157	1	s02
.....ucuaggcugguuacuuuacaguu.....	9	1	s02
.....ucuaggcugguuacuCuacaguu.....	110	1	s02
.....uAuaggcugguuacuuuacaguu.....	4	1	s02
.....ucuaggGugguuacuuuacaguu.....	29	1	s02
.....uc <u>A</u> ggcugguuacuuuacaguu.....	17	1	s02
.....ucuaUgcugguuacuuuacaguu.....	7	1	s02
.....ucuaggcugguuUcuuuacaguu.....	7	1	s02
.....ucuaggcugguuacuuuacGguu.....	143	1	s02
.....ucuaggUggguuacuuuacaguu.....	30	1	s02
.....ucuaggcugguuacuuuacagCu.....	172	1	s02
.....ucuaggcuUguuacuuuacaguu.....	10	1	s02
.....ucuaggcGggguuacuuuacaguu.....	25	1	s02
.....ucuaggcugCuuaacuuuacaguu.....	10	1	s02
.....ucuaggcu <u>A</u> guuacuuuacaguu.....	26	1	s02
.....ucuaggcuCguuacuuuacaguu.....	1	1	s02
.....ucuDggcugguuacuuuacaguu.....	85	1	s02
.....ucuCggcugguuacuuuacaguu.....	9	1	s02
.....ucuaggcugAuuaacuuuacaguu.....	39	1	s02
.....ucuaggAugguuacuuuacaguu.....	27	1	s02
.....ucuaggcAgguuacuuuacaguu.....	33	1	s02
.....ucuaggcugguu <u>A</u> uuuacaguu.....	41	1	s02
.....ucuaggcugguCacuuaacaguu.....	58	1	s02
.....ucuaggcugguuacuuuGcaguu.....	61	1	s02
.....ucuaggcugguuacuuuacag <u>A</u> u.....	76	1	s02
.....ucuaggcugguuacuuuacCguu.....	21	1	s02
.....ucuaggcugguuacuuuacUguu.....	38	1	s02
.....ucuaggcugguuGcuuuacaguu.....	65	1	s02
.....ucuaAgcugguuacuuuacaguu.....	23	1	s02
.....ucuaggcugguuacuuu <u>A</u> guu.....	28	1	s02
.....ucuaggcuggAuacuuuacaguu.....	17	1	s02
.....ucuaggcuggGuacuuuacaguu.....	14	1	s02
.....ucuaggcugguuacuuuCaguu.....	11	1	s02
.....Acuaggcugguuacuuuacaguu.....	84	1	s02
.....ucuaggcuggu <u>A</u> acuuaacaguu.....	7	1	s02
.....ucuaggcugguuacuu <u>A</u> caguu.....	27	1	s02
.....ucuagAcugguuacuuuacaguu.....	25	1	s02
.....ucuaggcugguuacuuuac <u>C</u> uu.....	10	1	s02
.....ucuaggcCggguuacuuuacaguu.....	64	1	s02
.....ucCaggcugguuacuuuacaguu.....	71	1	s02
.....ucuaggcugguuacuuCacaguu.....	76	1	s02
.....ucuaggcugguuacu <u>A</u> uacaguu.....	58	1	s02
.....ucuaggcugguuacuGuacaguu.....	70	1	s02
.....ucUggcugguuacuuuacaguu.....	3	1	s02
.....ucuaggcugUuuacuuuacaguu.....	22	1	s02
.....ucuaggcugguuacuuuacaguC.....	4613	1	s02
.....ucGaggcugguuacuuuacaguu.....	29	1	s02
.....uUuaggcugguuacuuuacaguu.....	16	1	s02
.....ucuaggcugguuacuuuacaguG.....	266	1	s02
.....ucuaggcugguuacuuuac <u>A</u> uu.....	12	1	s02
.....ucuaggcugguCacuuaacaguua.....	1	1	s02
.....ucuaggcugguu <u>A</u> uuuacaguua.....	1	1	s02
.....ucuaggcugguuacuuuacaguuC.....	18	1	s02
.....ucuaggcugguuacuuuacaguuG.....	5	1	s02
.....ucuaggcugguuacuuuacaguuU.....	190	1	s02

## Mature

## Star

uuauGCCauGcUGcUGaguuCUAGGcUGguuacuuuacAGuuauuaucauUGuaaACuaAGcAGcuuaaCCuuAGuUGuAGuAGauuuacAGuuuacuuAGgaagug			
.....ucUAGGcUGguuacuuuacAGuuA.....	26	0	s02
.....AcUAGGcUGguuacuuuacAGuuA.....	1	1	s02
.....ucUAGGcUGguuacuuuacAGuuau.....	2	0	s02
.....ucUAGGcUGguuacuuuacAGuuAG.....	1	1	s02
.....ucUAGGcUGguuacuuuacAGuuauuauA.....	1	1	s02
.....ucUAGGcUGguuacuuuacAGuuauuuauca.....	43	0	s02
.....ucUAGGcUGguuacuuuacAGuuauuauCG.....	4	1	s02
.....ucUAGGcUGguuGcuuacAGuuauuuauca.....	1	1	s02
.....cuAGGcUGguuacuuuauU.....	3	1	s02
.....cuAGGcUGguuacuuuac.....	11	0	s02
.....cuAGGcUGguuacuuuaca.....	17	0	s02
.....cuAGGcUGguuacuuuacAG.....	4	0	s02
.....cuAGGcUGguuacuuuacaA.....	1	1	s02
.....GuAGGcUGguuacuuuacAGu.....	1	1	s02
.....cuAGGcUGguuacuuuacAGu.....	1	1	s02
.....cuAGGcUGguuacuuuacAGG.....	2	1	s02
.....cuGggcUGguuacuuuacAGu.....	1	1	s02
.....cuAGGcUGguuacuuuacAGC.....	11	1	s02
.....cuAGGcUGguuacuuuacAGu.....	96	0	s02
.....cuAGGcUGguuacuuuacAGA.....	4	1	s02
.....AuAGGcUGguuacuuuacAGu.....	1	1	s02
.....cuGggcUGguuacuuuacAGu.....	1	1	s02
.....cuAGGcUGguuacuuuGcAGu.....	2	1	s02
.....cuAGGcuAGuuacuuuacAGu.....	1	1	s02
.....cuAGGcUGguuacuuuacAGCu.....	1	1	s02
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.....cuAGGcUGguuacuuuacAGuu.....	101	0	s02
.....cuAGGcUGguuacuuuacUGuu.....	1	1	s02
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.....cuAGGcuAGuuacuuuacAGuu.....	1	1	s02
.....cuAGGcUGguuacuuCacAGuu.....	1	1	s02
.....cuAGGcUGguuacuuuacAGuuA.....	1	0	s02
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.....uGggcUGguuacuuuaca.....	1	1	s02
.....uAGGcUGguuacuuuacAG.....	2	0	s02
.....uAGGcUGguuacuuuacAGC.....	11	1	s02
.....uAGGcUGguuacuuGuacAGu.....	1	1	s02
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.....uAGGcUGguuacuuuacAGuC.....	3	1	s02
.....uGggcUGguuacuuuacAGuu.....	1	1	s02
.....uAGGcUGguuacuuuacAGuu.....	6	0	s02
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.....uuguaaaACuaAGcAGcGu.....	1	1	s02
.....uuguaaaACuaAGcAGcGuC.....	3	1	s02
.....uuguaaaACuaAGcAGcuua.....	8	0	s02
.....uuguaaaACuaAGcAGcuuaG.....	1	1	s02
.....uuguaaaACuaAGcAGcuuaa.....	9	0	s02
.....uuguaaaACuaAGcAGcuuaaU.....	11	1	s02
.....uuguaaaACuaAGcAGcuuaUa.....	1	1	s02
.....uuguaaaACuaAGcAGcuuaaa.....	9	0	s02
.....uuguaaaACuaAGcaUcuuaaac.....	1	1	s02
.....uuguaaaACuaAGcAGcuuaGac.....	1	1	s02
.....uuguaaaACuaAGcAGcuuaaaU.....	23	1	s02
.....uuguaaaACuaGgcAGcuuaaac.....	3	1	s02
.....uuguaaaACuaaCcAGcuuaaac.....	1	1	s02
.....CuGuaaaACuaAGcAGcuuaaac.....	1	1	s02
.....uCGuaaaaACuaAGcAGcuuaaac.....	1	1	s02
.....uuguaaaACuaAGcAGcuuaaac.....	126	0	s02
.....uuguaaaACuaAGcAGcuuaaGc.....	1	1	s02
.....uuguaaaACuaAGcAGcuuCaac.....	1	1	s02
.....uuguaaaACuGagcAGcuuaaac.....	1	1	s02
.....uuguaaaACuaAGcAGcuuaaaA.....	2	1	s02
.....uuguaaaACuaAGcAGcuuGaac.....	1	1	s02

## Mature

## Star

uuauGCCauugcugcugaguuCUAGGcUGGUuacuuuacAGUauuuaucauuGUuaaCUaaGcAGCUuaaCCuuAGUUGUagUGauuuacAGUuuacuuAGGaagUG

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.....uuAUaaCUaaGcAGCUuaaCC.....	1	1	s02
.....uUGuaGacUaaGcAGCUuaaCC.....	1	1	s02
.....uGUuaaCUaaGcAGCUuaaGcc.....	3	1	s02
.....uUGuaaCUaaGcAGCUuaaaCA.....	63	1	s02
.....CUguuaaCUaaGcAGCUuaaCC.....	1	1	s02
.....uGUuaaCUaaGcAGCUuaaaCC.....	2	1	s02
.....uUGuaaaCUgAGcAGCUuaaCC.....	1	1	s02
.....uUGuaaaCUaaGcAGCUuaaaCU.....	83	1	s02
.....uCGuaaaCUaaGcAGCUuaaCC.....	3	1	s02
.....AUguuaaCUaaGcAGCUuaaCC.....	2	1	s02
.....uUGuaaCUaaGcCGCUuaaCC.....	1	1	s02
.....uUGuaaCUaaGcAGCUuGaaCC.....	1	1	s02
.....uUGuaaaCUaGcAGCUuaaCC.....	3	1	s02
.....uUGuaaaCUaaGcAGCUuaaCC.....	182	0	s02
.....uUGuaaaCUaaGcAGCUuaaaCG.....	4	1	s02
.....uUGuaaCGCUaaGcAGCUuaaCC.....	1	1	s02
.....uUGuaaCUaaGcAGCUuaaaCA.....	23	1	s02
.....uUGuaaCUaaGcAGCUuaaaCAu.....	1	1	s02
.....uUGuaaaCUaaGcAGCUuaaaCCG.....	3	1	s02
.....uUGuaaaCUaaGcAGCUuaaaCCC.....	3	1	s02
.....uUGuaaaCUaaGcAGCUuaaaCCu.....	1	0	s02
.....uUGuaaaCUaaGcAGCUuaaaCCAua.....	2	1	s02
.....UGuaaaCUaaGcAGCUuaa.....	1	0	s02
.....UGuaaaCUaaGcAGCUuaaaC.....	1	1	s02
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.....AGuaaaCUaaGcAGCUuaaaC.....	1	1	s02
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.....UGuaaaCUaaGcAGCUuaaaCG.....	2	1	s02
.....UGuaaaCUuAGcAGCUuaaaCC.....	1	1	s02
.....UGuaaaCUaaGcAGCUuaaaCC.....	35	0	s02
.....UGuaaaCUaaGcAGCUuaaaCCA.....	17	1	s02
.....UGuaaaCUaaGcAGCUuaaaCCC.....	1	1	s02
.....UGuaaaCUaaGcAGCUuaaaCCu.....	1	0	s02
.....uaaaCUaaGcAGCUuaaaC.....	1	0	s02
.....uaaaCUaaGcAGCUuaaaCC.....	1	1	s02
.....uaaaCUaaGcAGCUuaaaCU.....	2	1	s02
.....uaaaCUaaGcAGCUuaaaCC.....	9	0	s02
.....uaaaCUaaGcAGCUuaaaCA.....	1	1	s02
.....uaaaCUaaGcAGCUuaaaCA.....	11	1	s02
.....uaaaCUaaGcAGCUuaaaCC.....	1	1	s02
.....uaaaCUaaGcAGCUuaaaCCG.....	1	1	s02
.....uaaaCUaaGcAGCUuaaaCCu.....	1	0	s02
.....UCuAGGcUGGUuacuuuaU.....	2	1	s11
.....UCuAGGcUGGUuacuuuaC.....	29	0	s11
.....UCuAGGcUGGUuacuuuAAC.....	1	1	s11
.....UCuAGGcUGGUuacuuuAUC.....	1	1	s11
.....UCuAGGcUGGUuacuuuGUac.....	1	1	s11
.....UCuAGGcUGGUuacuuuuaCa.....	1	0	s11
.....UCuAGGcUGGUuacuuuuaCag.....	8	0	s11
.....UCuAGGcUGGUuacuuuuaCagG.....	33	1	s11
.....UCcAGGcUGGUuacuuuuaCagu.....	1	1	s11
.....UCuAGGcUGGuuuacuuuuaCagu.....	2	1	s11
.....UCuAGGcUGGUuacuuuuaCagC.....	100	1	s11
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.....UCuAGGcUGGUuacuuuuaAGu.....	1	1	s11
.....UCuAGGcUGGUuacuuuuaCCgu.....	1	1	s11
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.....UCuAGGcUGGUuacuuuaUagu.....	1	1	s11
.....UCuAGGcUGGUuacuGuacagu.....	2	1	s11
.....CCuAGGcUGGUuacuuuuaCagu.....	3	1	s11
.....UCuAGGcUGGUuacuuCacagu.....	1	1	s11
.....UCuAGGcUGGUuacGuuacagu.....	2	1	s11
.....UCuAGGcUGGUuacuCuacagu.....	3	1	s11
.....UCuAGGcCGGUuacuuuuaCagu.....	2	1	s11
.....ACuAGGcUGGUuacuuuuaCagu.....	4	1	s11
.....UCuAGGcUGGUuacuuuuaCaCu.....	6	1	s11
.....UCuAGGcUGGUuacuuuuaCGgu.....	6	1	s11

## Mature

## Star

uuauGCCauugcugcugaguu <u>ucua</u> ggcugguuacuuuacaguuuuu <u>uca</u> uuguaa <u>acua</u> agcagcuuaa <u>accu</u> uaguuguagugauuuacaguuuacuuaggaagug			
.....ucuaggcugguuacCuuacagu.....	5	1	s11
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.....ucuaaggcugguuaAuuuacagu.....	1	1	s11
.....ucuaaggcugguuacuuuacagu.....	654	0	s11
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.....ucUGgcugguuacuuuacagu.....	3	1	s11
.....ucuaaggcugguuGcuuuacagu.....	2	1	s11
.....ucuaGAcugguuacuuuacagu.....	2	1	s11
.....Gcuaggcugguuacuuuacagu.....	1	1	s11
.....ucuaGGugguuacuuuacagu.....	2	1	s11
.....ucuaaggcugguuacuuuacagA.....	14	1	s11
.....ucuaaggcugguuacuuuacAa.....	1	1	s11
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.....ucuaaggcugguuacuuuacagCu.....	4	1	s11
.....ucuaaggcugguuacuCuacaguu.....	3	1	s11
.....ucuaaggcugGuacuuuacaguu.....	2	1	s11
.....ucuaaggcugguuacuuuacaguG.....	20	1	s11
.....ucuaGGcAgguuacuuuacaguu.....	2	1	s11
.....ucuaaggcugGuacuuuacaguu.....	1	1	s11
.....ucuaaggcugguuacuuuacagGu.....	6	1	s11
.....ucuaaggcugguuacuuuacagAu.....	2	1	s11
.....ucuaaggcugguuacCuuacaguu.....	3	1	s11
.....ucUGgcugguuacuuuacaguu.....	2	1	s11
.....ucuaaggcugguuacuuuacaguC.....	78	1	s11
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.....ucuaaggcugguuacuuuacaguA.....	5	1	s11
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.....ucuaaggcugguuacuuuacUGuu.....	3	1	s11
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.....Gcuaggcugguuacuuuacaguu.....	1	1	s11
.....ucuaaggcugguuacuuuacGguu.....	5	1	s11
.....ucuaaggcGguuacuuuacaguu.....	3	1	s11
.....ucuaaggcugCuuuacuuuacaguu.....	1	1	s11
.....ucuaaggcugguuacuuCacaguu.....	1	1	s11
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.....ucuaaggcugguuacuuuUaguu.....	1	1	s11
.....Ccuaggcugguuacuuuacaguu.....	1	1	s11
.....ucAaggcugguuacuuuacaguu.....	2	1	s11
.....ucuaaggcugguuacuuuacaguuU.....	1	1	s11
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.....ucuaaggcugguuacuuuacGguuauuauca.....	1	1	s11
.....cuaggcugguuacuuuacaguu.....	3	0	s11
.....uaggcugguuacuuuacagC.....	1	1	s11
.....uaggcugguuacuuuacaguu.....	2	0	s11
.....ucuaaaacuaagcagcuuaaac.....	1	0	s11
.....uuguaaacuaagcagcuuaaacA.....	1	1	s11
.....uuguaaacuaagcagcuuaaacc.....	5	0	s11
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.....uuguaaacuaagcagcuuaaaccA.....	2	1	s11
.....uguaaacuaagcagcuuaaacG.....	1	1	s11
.....Ccuaggcugguuacuuuacaguu.....	1	1	s05
.....ucuaaggcugguuacuuua.....	1	0	s05
.....ucuaaggcugguuacuuuaA.....	1	1	s05
.....ucuaaggcAgguuacuuuac.....	1	1	s05
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.....Acuaaggcugguuacuuuac.....	1	1	s05
.....Ccuaggcugguuacuuuac.....	2	1	s05
.....ucuaaggcugguuacuuuaU.....	19	1	s05
.....ucuaaggcugguuacuuuacG.....	1	1	s05
.....ucuaaggcugguuacuuuaca.....	2	0	s05
.....ucuaaggcugguuacuuuacag.....	1	0	s05
.....ucuaaggcugguuacuuuacaCu.....	2	1	s05
.....ucuaaggcugguuacuuGacagu.....	1	1	s05

## Mature

## Star

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.....ucuaaggGugguuacuuuacagu.....	1	1	s05
.....ucuaaggcugguuacuCuacagu.....	2	1	s05
.....Gcuaggcugguuacuuuacagu.....	4	1	s05
.....ucuaaggcugguuacuuuacaUu.....	2	1	s05
.....ucuaAgcugguuacuuuacagu.....	2	1	s05
.....ucuaaggcugguuacuuuacagC.....	276	1	s05
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.....ucuaaggcugguuacuuuacGgu.....	7	1	s05
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.....ucuaaggcGgguuacuuuacagu.....	4	1	s05
.....ucuaaggcugguuacGuuacagu.....	5	1	s05
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.....ucuaaggcugguuacuuCacagu.....	8	1	s05
.....ucuaaggcugguuGcuuuacagu.....	4	1	s05
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.....ucuaaggcugguuacuuuGcagu.....	2	1	s05
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.....ucuaaggcugCuuaacuuuacagu.....	1	1	s05
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.....ucuaaggcugguuacuuuaUagu.....	1	1	s05
.....ucuaaggcugguCacuuuacagu.....	7	1	s05
.....ucGaggcugguuacuuuacagu.....	2	1	s05
.....ucuaaggcugguAuacuuuacagu.....	2	1	s05
.....ucuaaggcGgguuacuuuacaguu.....	3	1	s05
.....ucAaggcugguuacuuuacaguu.....	3	1	s05
.....ucuaaggcugguuacuuuacaguA.....	25	1	s05
.....ucuaaggcugguuaAuuuacaguu.....	4	1	s05
.....ucuaaggcuUguuacuuuacaguu.....	3	1	s05
.....ucuaaggcugguuacGuuuacaguu.....	2	1	s05
.....ucuaaggcAgguuacuuuacaguu.....	3	1	s05
.....ucuaaggcugguuacuAuacaguu.....	1	1	s05
.....ucuaaggcugAuuacuuuacaguu.....	2	1	s05
.....ucuaaggcugguuacAuuacaguu.....	1	1	s05
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.....ucuaaggcugguuacuuuacaUuu.....	1	1	s05
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.....ucuaaggcugUuuacuuuacaguu.....	2	1	s05
.....ucuaAgcugguuacuuuacaguu.....	1	1	s05
.....ucuaaggcugguuacuuuacagGu.....	14	1	s05
.....ucuaaggcugguuacuuuacaguC.....	230	1	s05
.....ucuaaggcugguuacuuuacGguu.....	7	1	s05
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.....ucuaaggcugguuacuCuacaguu.....	2	1	s05
.....Gcuaggcugguuacuuuacaguu.....	4	1	s05
.....ucuaaggcugguAacuuuacaguu.....	3	1	s05

## Mature

## Star

uuauGCCauGcugcugaguu <u>cuaggcugguuacuuuacaguuuuu</u> <u>ucauuguaaacuaagcagcuuaaaccu</u> uaguuguagugauuuacaguuuacuaggaagug			
.....ucuaaggcugguuacuuuacagAu.....	2	1	s05
.....ucUGgcugguuacuuuacaguu.....	2	1	s05
.....ucuaaggcugguuUuuuuacaguu.....	3	1	s05
.....ucuaaggcugguuacuuuacACuu.....	4	1	s05
.....ucuaaggcugguuacuuuAguuu.....	2	1	s05
.....ucuaaggcugguuacuuuacaguu.....	1252	0	s05
.....ucuaaggAuagguuacuuuacaguu.....	2	1	s05
.....ucUCggcugguuacuuuacaguu.....	1	1	s05
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.....ucuaaggcuggCuacuuuacaguu.....	5	1	s05
.....ucuaaggcugguuacuuUGaguu.....	2	1	s05
.....ucuaaggcugguCaacuuuacaguu.....	1	1	s05
.....ucuaagACugguuacuuuacaguu.....	3	1	s05
.....ucuaaggcCgguuacuuuacaguu.....	4	1	s05
.....ucuaaggcugguuacuGuacaguu.....	4	1	s05
.....ucuaaggcugguuacuuuacaguG.....	13	1	s05
.....Acuaaggcugguuacuuuacaguu.....	3	1	s05
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.....Ccuaggcugguuacuuuacaguu.....	6	1	s05
.....ucUggcugguuacuuuacaguu.....	3	1	s05
.....ucuaaggcugguuacuuuacaguuC.....	2	1	s05
.....ucuaaggcugguuacuuuacaguuA.....	2	0	s05
.....ucuaaggcugguuacuuuacaguuU.....	15	1	s05
.....ucuaaggcugguuacuuuacaguuauu.....	1	0	s05
.....ucuaaggcugguuacuuuacaguuauuauca.....	1	0	s05
.....cuaggcugguuacuuuac.....	2	0	s05
.....cuaggcugguuacuuuacaguu.....	13	0	s05
.....cuaggcugguuacuuuacaguA.....	1	1	s05
.....cuaggcugguuacuuuacaguC.....	7	1	s05
.....uaggcugguuacuuuacagC.....	1	1	s05
.....uaggcugguuacuuuacagu.....	2	0	s05
.....ucuaaaacuaagcagcuC.....	1	1	s05
.....uuguaaacuaagcagcuuaaac.....	5	0	s05
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.....uuguaaacuaagcagcuuaaacA.....	1	1	s05
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.....uuguaaacuaagcagcuuaaaaccA.....	3	1	s05
.....uguaaacuaagcagcuuaaaacc.....	2	0	s05
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.....CuCuaggcugguuacuuuacaguu.....	3	1	s18
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.....ucUggcugguuacuuuac.....	1	1	s18
.....ucuaaggcugguuacuuuaU.....uuauca.....	7	1	s18
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.....ucuaaggcCgguuacuuuac.....	1	1	s18
.....ucuaaggcugguuacuuuac.....	71	0	s18
.....ucuaaggcugguuacuuuaca.....	3	0	s18
.....ucuaaggcugguuacuCuaca.....	1	1	s18
.....ucuaaggcugguuaAUuuuaca.....	1	1	s18
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.....ucuaaggcugguuacuuuacag.....	9	0	s18
.....ucuaaggcugAuuacuuuacaguu.....	5	1	s18
.....ucuaaggcugguuAGuuuacaguu.....	1	1	s18
.....uUuaggcugguuacuuuacaguu.....	1	1	s18
.....ucuaaggcugguuacuuuacaAu.....	1	1	s18
.....ucuaaggcugguuacuAuacaguu.....	3	1	s18
.....ucuaaggcugguuacuuuAgu.....	2	1	s18
.....ucuaaggcugguuUGuuuacaguu.....	1	1	s18
.....ucuaaggcugguuacuCuacaguu.....	1	1	s18
.....ucuaaggcugguuacuCuacaguu.....	2	1	s18
.....ucuaaggcCgguuacuuuacaguu.....	3	1	s18
.....ucuaaggcugguuacuuuacUgu.....	1	1	s18
.....ucuaaggcugguuacCuuacaguu.....	1	1	s18
.....ucuaaggcuggCuacuuuacaguu.....	2	1	s18
.....ucCaggcugguuacuuuacaguu.....	2	1	s18
.....ucuaaggcAgguuacuuuacaguu.....	2	1	s18
.....ucuaaggcugguuacuuuacagG.....	1	1	s18
.....ucuaaggcuAGuuuacuuuacaguu.....	1	1	s18
.....ucuaaggcugguuacuuuacagA.....	8	1	s18

## Mature

## Star

uuauGCCauGcugcugaguu <u>cuaggcugguuacuuuacaguuuuu</u> <u>ucauuguaaacuaagcagcuuaa</u> ccuuaguuguagugauuuuacaguuuacuuaggaagug			
.....ucuaaggcugguuacuuuacGgu.....	4	1	s18
.....ucuaaggcugguuacGuuacagu.....	1	1	s18
.....ucUGgcugguuacuuuacagu.....	2	1	s18
.....ucuaaggcugguuacuuuacagC.....	133	1	s18
.....Acuaaggcugguuacuuuacagu.....	1	1	s18
.....ucuaGAcugguuacuuuacagu.....	2	1	s18
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.....ucuaaggcugAuuacuuuacagu.....	1	1	s18
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.....ucuaaggcugguuacuuuacaguG.....	1	1	s18
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.....uuguaaaacuaagcagcuuaCac.....	1	1	s18
.....uuguaaaacuaagcagcuuaaacc.....	15	0	s18
.....uuguaaaacuaagcagcuuaaacU.....	11	1	s18
.....uuguaaaacuaagcagcuuaaCcc.....	1	1	s18
.....uuguaaaacuaagcagcuuaaacA.....	3	1	s18
.....uuguaaaacuaagcagcuuaaaccA.....	4	1	s18
.....uguaaaacuaagcagcuuaaacc.....	3	0	s18
.....uguaaaacuaagcagcuuaaacU.....	1	1	s18
.....uaaacuaagcagcuuaaaccA.....	1	1	s18