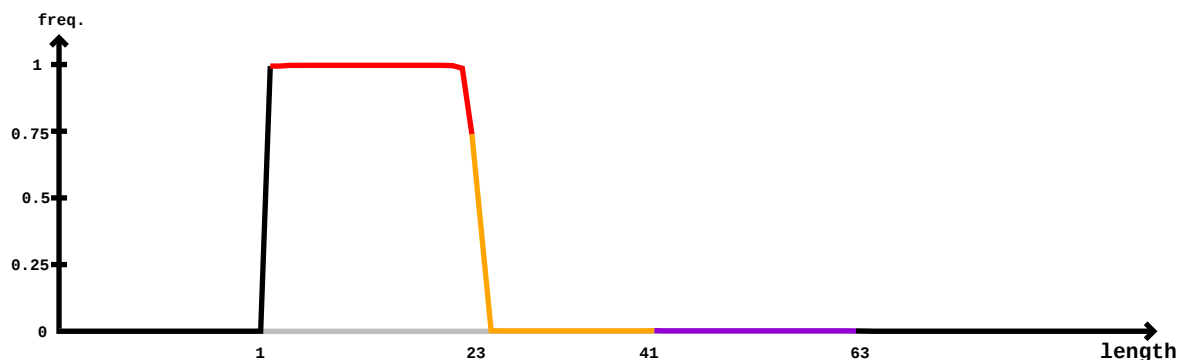




Star

5'		-3'	obs	
			exp	
cgaaucuguaaccucucucaa <u>ucccugagacccuaacuugugacuuuuuccugugaugugcacggguuggguucucgggagcugcgaggggugcucucacacaucuccggaaa</u>	.(((...(((((((.(.(((.(.(((.(.(((((((((((((.....)).)))))))))..))))))..)).)))))))).)..)	reads	mm	sample
.....aaucccugagacccuaacuugu.....	1	0	s02	
.....aaucccugagacccuaacuugug.....	1	0	s02	
.....aucccugagacccuaacuugu.....	3	0	s02	
.....aucccugagacccuCacuugug.....	1	1	s02	
.....aucccugagacccuaacuugug.....	22	0	s02	
.....aucccugagacccuaacCugug.....	1	1	s02	
.....Uucccugagacccuaacuuguga.....	2	1	s02	
.....aucccugagacccuaacuugugG.....	2	1	s02	
.....aucccugagacccuaacuuguga.....	4	0	s02	
.....uccNugagacccuaacuu.....	1	1	s02	
.....ucccGgagacccuaacuu.....	1	1	s02	
.....ucccugagacccuaacuu.....	30	0	s02	
.....ucccugagacccuUacuu.....	1	1	s02	
.....Acccugagacccuaacuug.....	1	1	s02	
.....ucccugagacccuaacuug.....	177	0	s02	
.....ucccugagacccuaCcuug.....	1	1	s02	
.....ucccugagCccuaacuug.....	1	1	s02	
.....ucccCgagacccuaacuug.....	2	1	s02	
.....ucccugagacccuaacuuU.....	2	1	s02	
.....ucUcugagacccuaacuug.....	1	1	s02	
.....ucccugagacccuaacGug.....	1	1	s02	
.....uAccugagacccuaacuug.....	1	1	s02	
.....ucccugagacccGaacuug.....	1	1	s02	
.....ucccugagacccuGacuugu.....	1	1	s02	
.....ucccugUgacccuaacuugu.....	2	1	s02	
.....ucccugagacccuaGcuugu.....	2	1	s02	
.....ucccugaAacccuaacuugu.....	4	1	s02	
.....ucccugagacAcuaacuugu.....	1	1	s02	
.....ucccugagacccuaacuugG.....	14	1	s02	
.....ucccGgagacccuaacuugu.....	1	1	s02	
.....ucccugagacccuaacCugu.....	1	1	s02	
.....ucccugCgacccuaacuugu.....	2	1	s02	
.....ucGcuagaqacccuaacuugu.....	1	1	s02	

Mature

Star

cgaaucuguaccucucucaaucccugagacccuuuugacuuuuucccugaugugcacggguuggguucucgggagcugcgaggggugcucucacacauccggaaa

.....ucccugagaccuAa <u>u</u> gu.....	3	1	s02
.....ucccugagaccuAa <u>u</u> guC.....	2	1	s02
.....ucccugaUacc <u>u</u> aa <u>u</u> cu <u>u</u> gu.....	1	1	s02
.....ucAcugagaccuAa <u>u</u> cu <u>u</u> gu.....	1	1	s02
.....ucccugagaccuCa <u>u</u> cu <u>u</u> gu.....	2	1	s02
.....ucccugagacU <u>u</u> aa <u>u</u> cu <u>u</u> gu.....	3	1	s02
.....ucccugagaccuAa <u>u</u> cu <u>u</u> Gu.....	2	1	s02
.....ucccugagaccuAa <u>u</u> cu <u>u</u> Uu.....	3	1	s02
.....uGccugagaccuAa <u>u</u> cu <u>u</u> gu.....	1	1	s02
.....ucccuAagaccuAa <u>u</u> cu <u>u</u> gu.....	2	1	s02
.....ucccugagUcc <u>u</u> aa <u>u</u> cu <u>u</u> gu.....	5	1	s02
.....ucccugagaccU <u>u</u> aa <u>u</u> cu <u>u</u> gu.....	1	1	s02
.....ucccugagaccuAa <u>u</u> cu <u>u</u> gu.....	1726	0	s02
.....uAccugagaccuAa <u>u</u> cu <u>u</u> gu.....	1	1	s02
.....ucccugagaccuAa <u>u</u> cu <u>u</u> GA.....	11	1	s02
.....ucccAgagaccuAa <u>u</u> cu <u>u</u> gu.....	2	1	s02
.....ucccugagaccG <u>u</u> aa <u>u</u> cu <u>u</u> gu.....	2	1	s02
.....ucccugagaccuAa <u>u</u> cu <u>u</u> Gu.....	5	1	s02
.....uccNugagaccuAa <u>u</u> cu <u>u</u> gu.....	2	1	s02
.....ucccGgagaccuAa <u>u</u> cu <u>u</u> gu.....	3	1	s02
.....ucccugagCcc <u>u</u> aa <u>u</u> cu <u>u</u> gu.....	4	1	s02
.....ucccugagGcc <u>u</u> aa <u>u</u> cu <u>u</u> gu.....	1	1	s02
.....ucccugagaccuUa <u>u</u> cu <u>u</u> gu.....	2	1	s02
.....ucccugagaccuAa <u>u</u> cu <u>u</u> GuC.....	21	1	s02
.....ucccugagaccU <u>u</u> aa <u>u</u> cu <u>u</u> gu.....	12	1	s02
.....uccUugagaccuAa <u>u</u> cu <u>u</u> gu.....	16	1	s02
.....ucccugagaccuUa <u>u</u> cu <u>u</u> gu.....	78	1	s02
.....ucccugaUacc <u>u</u> aa <u>u</u> cu <u>u</u> gu.....	32	1	s02
.....ucccuUagaccuAa <u>u</u> cu <u>u</u> gu.....	16	1	s02
.....ucccugaCacc <u>u</u> aa <u>u</u> cu <u>u</u> gu.....	6	1	s02
.....ucccugagaccuAa <u>u</u> cu <u>u</u> gu.....	4	1	s02
.....ucccugagaccuAaU <u>u</u> cu <u>u</u> gu.....	21	1	s02
.....ucccugagGcc <u>u</u> aa <u>u</u> cu <u>u</u> gu.....	72	1	s02
.....ucccugagaccuAa <u>u</u> cu <u>u</u> Gu.....	70	1	s02
.....ucccGgagaccuAa <u>u</u> cu <u>u</u> gu.....	51	1	s02
.....uccNcugagaccuAa <u>u</u> cu <u>u</u> gu.....	2	1	s02
.....ucccugagaccuAa <u>u</u> cu <u>u</u> GU.....	28	1	s02
.....ucccAgagaccuAa <u>u</u> cu <u>u</u> gu.....	14	1	s02
.....ucccugagaccG <u>u</u> aa <u>u</u> cu <u>u</u> gu.....	3	1	s02
.....ucccugagaccuAa <u>u</u> cu <u>u</u> GCg.....	55	1	s02
.....ucccugagaccG <u>u</u> aa <u>u</u> cu <u>u</u> gu.....	35	1	s02
.....ucccugagaccuAaG <u>u</u> cu <u>u</u> gu.....	16	1	s02
.....ucccugagaccuAaA <u>u</u> cu <u>u</u> gu.....	23	1	s02
.....ucccugagaccAa <u>u</u> cu <u>u</u> gu.....	4	1	s02
.....ucccuCagaccuAa <u>u</u> cu <u>u</u> gu.....	4	1	s02
.....ucccugagCcc <u>u</u> aa <u>u</u> cu <u>u</u> gu.....	148	1	s02
.....ucAcugagaccuAa <u>u</u> cu <u>u</u> gu.....	19	1	s02
.....ucccugagaccuAaC <u>u</u> gu.....	18	1	s02
.....GccugagaccuAa <u>u</u> cu <u>u</u> gu.....	31	1	s02
.....ucccGgagaccuAa <u>u</u> cu <u>u</u> gu.....	35	1	s02
.....AcccugagaccuAa <u>u</u> cu <u>u</u> gu.....	53	1	s02
.....ucccugagUcc <u>u</u> aa <u>u</u> cu <u>u</u> gu.....	121	1	s02
.....ucccugGgaccuAa <u>u</u> cu <u>u</u> gu.....	61	1	s02
.....ucccugagaccuAa <u>u</u> cuAug.....	8	1	s02
.....CccugagaccuAa <u>u</u> cu <u>u</u> gu.....	11	1	s02
.....ucUcugagaccuAa <u>u</u> cu <u>u</u> gu.....	15	1	s02
.....ucccugagaccuAa <u>u</u> cu <u>u</u> GG.....	546	1	s02
.....uGccugagaccuAa <u>u</u> cu <u>u</u> gu.....	10	1	s02
.....uccNugagaccuAa <u>u</u> cu <u>u</u> gu.....	103	1	s02
.....uUccugagaccuAa <u>u</u> cu <u>u</u> gu.....	24	1	s02
.....ucccugagaccuG <u>u</u> cu <u>u</u> gu.....	22	1	s02
.....ucGcugagaccuAa <u>u</u> cu <u>u</u> gu.....	7	1	s02
.....ucccugagaccuAa <u>u</u> cu <u>u</u> GA.....	56	1	s02
.....ucccugagaccuAaC <u>u</u> cu <u>u</u> gu.....	125	1	s02
.....ucccugagaccuAa <u>u</u> cu <u>u</u> GA.....	24	1	s02
.....uccAugagaccuAa <u>u</u> cu <u>u</u> gu.....	25	1	s02
.....ucccugagaccuAaC <u>u</u> gu.....	42	1	s02
.....uNccugagaccuAa <u>u</u> cu <u>u</u> gu.....	1	1	s02
.....ucccugagaccuAaG <u>u</u> cu <u>u</u> gu.....	10	1	s02
.....ucccugagacUa <u>u</u> cu <u>u</u> gu.....	10	1	s02

Mature

Star

cgaaucuguaccucucucaaucccugagacccuuagugacuuuuucccugaugugcacggguggguucucgggagcugcgaggggugcucucacacauccggaaa

.....ucccugagaccuuaacuuCug.....	8	1	s02
.....ucccugagaccAuaacuugug.....	21	1	s02
.....ucccuAgaccuuaacuugug.....	19	1	s02
.....ucccugagaccuuaacCugug.....	12	1	s02
.....ucccugagaccCaacuugug.....	14	1	s02
.....ucccugaAaccuuaacuugug.....	78	1	s02
.....ucccugUgaccuuaacuugug.....	86	1	s02
.....ucccugagaccuuaacuUug.....	47	1	s02
.....ucccugagaAccuuaacuugug.....	13	1	s02
.....uAccugagaccuuaacuugug.....	24	1	s02
.....ucccugagaccuuaacuugug.....	44672	0	s02
.....ucccugagaUccuuaacuugug.....	4	1	s02
.....ucccugagacGcuuaacuugug.....	8	1	s02
.....ucccugagaGccuuaacuugug.....	12	1	s02
.....ucccugGgaccuuaacuugug.....	30	1	s02
.....ucccugagaccuuaacAugug.....	5	1	s02
.....uccGugagaccuuaacuugug.....	3	1	s02
.....ucccugagaccuCaacuugug.....	18	1	s02
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.....ucccugagacAcuuaacuugug.....	24	1	s02
.....ucccugagGccuuaacuuguga.....	123	1	s02
.....ucccugagaccCaacuuguga.....	46	1	s02
.....ucccugagaccuuaacCuguga.....	21	1	s02
.....ucccugagaccuuaacuAuga.....	40	1	s02
.....Cccugagaccuuaacuuguga.....	41	1	s02
.....ucccugagacAcuuaacuuguga.....	75	1	s02
.....ucNcugagaccuuaacuuguga.....	6	1	s02
.....ucccugagaccuuaUcuuguga.....	10	1	s02
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.....ucccugagUccuuaacuuguga.....	226	1	s02
.....uAccugagaccuuaacuuguga.....	52	1	s02
.....ucccugGgaccuuaacuuguga.....	79	1	s02
.....ucccugagaUccuuaacuuguga.....	18	1	s02
.....Gccugagaccuuaacuuguga.....	91	1	s02
.....ucccugagacUcuuaacuuguga.....	31	1	s02
.....ucAcugagaccuuaacuuguga.....	82	1	s02
.....ucccugagaccuuaacGuguga.....	35	1	s02
.....ucccugagaccuuaacuGguga.....	108	1	s02
.....Acccugagaccuuaacuuguga.....	133	1	s02
.....ucccugagaccuuaacuugugG.....	53	1	s02
.....ucccugaUaccuuaacuuguga.....	122	1	s02
.....ucccAgagaccuuaacuuguga.....	31	1	s02
.....ucccugagaccuuaacuugGga.....	1680	1	s02
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.....ucccuCagaccuuaacuuguga.....	13	1	s02
.....ucccugGgaccuuaacuuguga.....	94	1	s02
.....ucccugaAaccuuaacuuguga.....	244	1	s02
.....ucccugagaccuCaacuuguga.....	54	1	s02
.....ucccugagaccuuaacuugCga.....	129	1	s02
.....ucccugagaccuuaaAuuguga.....	57	1	s02
.....ucccugagaccuuaacuuguUa.....	37	1	s02
.....ucccugagaccuuaacuugugC.....	135	1	s02
.....ucccugagaccuNacuuguga.....	1	1	s02
.....ucccugagaccuGacuuguga.....	50	1	s02
.....ucccugagaccuuaacAuguga.....	14	1	s02
.....ucGcugagaccuuaacuuguga.....	26	1	s02
.....uccNugagaccuuaacuuguga.....	348	1	s02
.....ucccugagaccuuaacuuguCa.....	55	1	s02
.....ucccugagaccCaacuuguga.....	13	1	s02
.....ucccugagaccuuaGcuuguga.....	38	1	s02
.....ucccugagNccuuaacuuguga.....	1	1	s02
.....ucccugaCaccuuaacuuguga.....	30	1	s02
.....ucccugagaccuuaacuCguga.....	106	1	s02
.....ucccugagaccuuaacuugAga.....	204	1	s02
.....ucccugagaccuuaacuuguNa.....	2	1	s02
.....ucccugagaAccuuaacuuguga.....	55	1	s02
.....uccAugagaccuuaacuuguga.....	48	1	s02
.....ucccugagCccuuaacuuguga.....	299	1	s02
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.....ucccugagaccuuaacuuguAa.....	55	1	s02

Mature

Star

cgaaucuguaccucucucaaucccugagacccuaacuugugacuuuuuccugugauggcacggguuggguucucgggagcugcgcaggggugucucacacauccggaaa

.....ucccugagacc	cu	aacuu	gug	U	.....	2014	1	s02		
.....u6ccugagacc	cu	aacuu	guga	.	.....	23	1	s02		
.....ucccugagacc	U	aacuu	guga	.	.....	28	1	s02		
.....ucccCgagacc	cu	aacuu	guga	.	.....	153	1	s02		
.....ucccugagac	6cu	aacuu	guga	.	.....	16	1	s02		
.....uNccugagacc	cu	aacuu	guga	.	.....	3	1	s02		
.....ucc6ugagacc	cu	aacuu	guga	.	.....	17	1	s02		
.....uccc6gagacc	cu	aacuu	guga	.	.....	76	1	s02		
.....ucccugUgacc	cu	aacuu	guga	.	.....	149	1	s02		
.....uUccugagacc	cu	aacuu	guga	.	.....	73	1	s02		
.....ucccugagacc	6u	aacuu	guga	.	.....	11	1	s02		
.....ucccugaga	6ccu	aacuu	guga	.	.....	39	1	s02		
.....ucUcugagacc	cu	aacuu	guga	.	.....	33	1	s02		
.....ucccuAagacc	cu	aacuu	guga	.	.....	39	1	s02		
.....ucccugagacc	cu	aacuu	Cuga	.	.....	13	1	s02		
.....uccUugagacc	cu	aacuu	guga	.	.....	54	1	s02		
.....ucccugagacc	cu	aacuu	Uuga	.	.....	156	1	s02		
.....ucccugagacc	6a	cu	uu	guga	.	114	1	s02		
.....ucccugagacc	cu	aacuu	Aguga	.	.....	8	1	s02		
.....ucccugagacc	cu	aaU	uu	guga	.	69	1	s02		
.....ucccuUagacc	cu	aacuu	guga	.	.....	54	1	s02		
.....ucccugagacc	Au	aacuu	guga	.	.....	38	1	s02		
.....ucccugagacc	cuU	aacuu	guga	.	.....	176	1	s02		
.....ucccugagacc	cu	aacuu	gug	a	c		371	0	s02	
.....ucccCgagacc	cu	aacuu	gug	a	c		1	1	s02	
.....ucAcugagacc	cu	aacuu	gug	a	c		1	1	s02	
.....ucccugagacc	Aa	cu	uu	gug	a	c		1	1	s02
.....uccUugagacc	cu	aacuu	gug	a	c		1	1	s02	
.....ucccugCgacc	cu	aacuu	gug	a	c		1	1	s02	
.....uccc6gagacc	cu	aacuu	gug	a	c		2	1	s02	
.....ucccugUgacc	cu	aacuu	gug	a	c		1	1	s02	
.....ucccugagacc	cu	aacuu	gug	Cc		2	1	s02		
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.....uccNugagacc	cu	aacuu	gug	a	c		1	1	s02	
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.....ucccugagacc	cu	aacuu	guga	Uu		13	1	s02		
.....ucccugagacc	cu	aacuu	guga	Au		23	1	s02		
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.....ucccugagacc	cu	aacuu	guga	Auu		3	1	s02		
.....ucccugagacc	cu	aacuu	gug	a	uu		1	0	s02	
.....ccugagacc	cu	aacuu	gu			2	0	s02		
.....Uccugagacc	cu	aacuu	gu	.....	.....	1	1	s02		
.....cccugagacc	cu	aacuu	gug	.....	.....	9	0	s02		
.....cccNgagacc	cu	aacuu	gug	.....	.....	1	1	s02		
.....Uccugagacc	cu	aacuu	gug	.....	.....	1	1	s02		
.....Uccugagacc	cu	aacuu	guga	.....	.....	3	1	s02		
.....ccugagacc	cu	aacuu	guga	.....	.....	17	0	s02		
.....ccugagacc	cu	aacuu	gu	.....	.....	2	0	s02		
.....ccugagacc	cu	aacuu	g6g	.....	.....	3	1	s02		
.....ccugGgacc	cu	aacuu	gug	.....	.....	1	1	s02		
.....ccuNagacc	cu	aacuu	gug	.....	.....	1	1	s02		
.....ccugagacc	cu	aacuu	guU	.....	.....	1	1	s02		
.....ccugagacc	cu	aacuu	Uug	.....	.....	2	1	s02		
.....ccugagacc	cu	aacuu	gug	.....	.....	116	0	s02		
.....ccugCgacc	cu	aacuu	gug	.....	.....	1	1	s02		
.....ccugagacc	cu	aacuu	gCg	.....	.....	2	1	s02		
.....ccugagacc	cu	aacuu	gugU	.....	.....	4	1	s02		
.....ccugagacc	cu	aacuu	g6g	a	.....	12	1	s02		

Mature

Star

cgaaucuguaaccucucuaa <u>uccugagagaccuaacuugugacuuuuuccugugaugugcacggguuggguuucucgggagcugc</u> gaggggugucucacacaucccgaaa			
.....ccCgagaccuaacuuguga.....	2	1	s02
.....ccugagaccuaaAuuguga.....	1	1	s02
.....Acugagaccuaacuuguga.....	1	1	s02
.....ccugGgaccuaacuuguga.....	1	1	s02
.....ccugagaccuaacuuguga.....	346	0	s02
.....ccugagacUcuaacuuguga.....	1	1	s02
.....ccugagaccCcaacuuguga.....	1	1	s02
.....ccGgagaccuaacuuguga.....	1	1	s02
.....ccugagCccuaacuuguga.....	1	1	s02
.....ccugagaccuaacuuguAa.....	1	1	s02
.....ccugagaGccuaacuuguga.....	1	1	s02
.....ccugagaccuaacuugAga.....	1	1	s02
.....ccugagaccuaacuugugac.....	5	0	s02
.....ccugagaccuaacuugugaU.....	1	1	s02
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.....cugagaccuaacuuguga.....	8	0	s02
.....ugagaccuaacuuguga.....	13	0	s02
.....ugagaccuaacAuguga.....	1	1	s02
.....acuuuuuccugugaugugc.....	3	0	s02
.....acuuuuuccugGgugugc.....	1	1	s02
.....acuuuuuccugugaugugca.....	89	0	s02
.....acuuuuuccugugaugGgca.....	1	1	s02
.....acuuuuuccugGgugugca.....	1	1	s02
.....acuuuGuccugugaugugca.....	83	1	s02
.....acuuuuuccugugauUugca.....	1	1	s02
.....acuuuuuccugCgugugca.....	1	1	s02
.....acuuuuuAcugugaugugca.....	1	1	s02
.....cuuuuuuccugugaugAgc.....	1	1	s02
.....Auuuuuuccugugaugugc.....	1	1	s02
.....cuuuGuccugugaugugc.....	11	1	s02
.....cuuuuuuccugugaugugc.....	34	0	s02
.....cuuuuuuccugugaugugca.....	3	0	s02
.....uuuGuccugugaugugca.....	1	1	s02
.....acggguugggCucucgggag.....	1	1	s02
.....acggguuggguucucgggag.....	4	0	s02
.....acggguuAgguucucgggag.....	1	1	s02
.....acggguugAguucucgggag.....	1	1	s02
.....acggguugggCucucgggagc.....	2	1	s02
.....acgggGuggguucucgggagc.....	2	1	s02
.....acggguuggguucucgggUgc.....	1	1	s02
.....acggguugggGucucgggagc.....	2	1	s02
.....acggguuggguucucgggagc.....	61	0	s02
.....acgggGuggguucucgggagcu.....	8	1	s02
.....acgggAugguuucucgggagcu.....	1	1	s02
.....acggguuggguuucucgggagcu.....	103	0	s02
.....acggguuggguuGucgggagcu.....	1	1	s02
.....acggguuggguuucucgggagAu.....	1	1	s02
.....acggguugUguucucgggagcu.....	1	1	s02
.....acggguuggguuucUggagcu.....	1	1	s02
.....acgUguuggguuucucgggagcu.....	1	1	s02
.....acggguuggguuucucgggagcA.....	1	1	s02
.....acggguugggCucucgggagcu.....	2	1	s02
.....acggguuggguuucucgggUgcu.....	1	1	s02
.....acggguuggguuucucgggagcuU.....	3	1	s02
.....acggguuggguuucucgggagcuA.....	3	1	s02
.....cggguuggguuucucgggagc.....	1	0	s02
.....cggguuggguuucucgggagUu.....	1	1	s02
.....cggguugggCucucgggagcu.....	8	1	s02
.....cggguugggGucucgggagcu.....	2	1	s02
.....cggguuggguucCcgggagcu.....	1	1	s02
.....cggguuggguuucucgggagcu.....	44	0	s02
.....cggguuggguuucucgggagcug.....	1	0	s02
.....cggguuggguuucucgggagcuU.....	1	1	s02
.....aauccugagaccuaacuugug.....	2	0	s01
.....auccugagaccuaacuugug.....	13	0	s01
.....auccugagaccuaacuugugU.....	1	1	s01
.....uccugagacGcuaacuu.....	1	1	s01
.....uccugagaccuaacuu.....	14	0	s01
.....ucccuUagaccuaacuug.....	1	1	s01

Mature

Star

cgaaucuguaccucucucaaucccugagacccuuagugacuuuuuccugugauggcacggguuggguucucgggagcugcgaggggugcucucacacauccggaaa

.....uAccugagacc <u>cu</u> aacuug.....	1	1	s01
.....ucccugagUcc <u>cu</u> aacuug.....	1	1	s01
.....ucccugagacc <u>cu</u> aacuug.....	125	0	s01
.....ucccugaAacc <u>cu</u> aacuug.....	1	1	s01
.....ucccugagacc <u>cu</u> aacuuA.....	1	1	s01
.....ucccugGgacc <u>cu</u> aacuug.....	1	1	s01
.....Gcc <u>cu</u> gagacc <u>cu</u> aacuug.....	1	1	s01
.....ucccCgagacc <u>cu</u> aacuug.....	1	1	s01
.....ucccugagCcc <u>cu</u> aacuug.....	1	1	s01
.....ucccugagacc <u>cu</u> Uacuugu.....	2	1	s01
.....ucccugagCcc <u>cu</u> aacuugu.....	1	1	s01
.....ucccAgagacc <u>cu</u> aacuugu.....	3	1	s01
.....ucccCgagacc <u>cu</u> aacuugu.....	2	1	s01
.....ucccugagaccCca <u>cu</u> ugu.....	2	1	s01
.....ucccugagacc <u>cu</u> aacuugG.....	5	1	s01
.....ucccugaAacc <u>cu</u> aacuugu.....	1	1	s01
.....ucccugUgacc <u>cu</u> aacuugu.....	2	1	s01
.....ucccugagacc <u>cu</u> aacuuAu.....	1	1	s01
.....ucccugGgacc <u>cu</u> aacuugu.....	4	1	s01
.....ucccugagacc <u>cu</u> ACuugu.....	1	1	s01
.....Acccugagacc <u>cu</u> aacuugu.....	1	1	s01
.....Gcc <u>cu</u> gagacc <u>cu</u> aacuugu.....	1	1	s01
.....uGccugagacc <u>cu</u> aacuugu.....	1	1	s01
.....ucccugagacc <u>cu</u> aaUuugu.....	2	1	s01
.....uUccugagacc <u>cu</u> aacuugu.....	1	1	s01
.....ucccugagacc <u>cu</u> aacuuUu.....	2	1	s01
.....Ncccugagacc <u>cu</u> aacuugu.....	1	1	s01
.....ucccuUagacc <u>cu</u> aacuugu.....	1	1	s01
.....ucccugagacc <u>cu</u> aacuugA.....	6	1	s01
.....ucAcugagacc <u>cu</u> aacuugu.....	2	1	s01
.....ucccugCgacc <u>cu</u> aacuugu.....	1	1	s01
.....ucccugagacc <u>cu</u> aacuGgu.....	1	1	s01
.....ucccugagacc <u>cu</u> aacuugC.....	1	1	s01
.....ucccugagacc <u>cu</u> aacuugu.....	1233	0	s01
.....ucccugaUacc <u>cu</u> aacuugu.....	1	1	s01
.....ucccugagacc <u>cu</u> Cacuugu.....	1	1	s01
.....ucccuAagacc <u>cu</u> aacuugug.....	5	1	s01
.....ucccugagCcc <u>cu</u> aacuugug.....	89	1	s01
.....ucccugaAacc <u>cu</u> aacuugug.....	42	1	s01
.....ucccugagacc <u>cu</u> aacuuguC.....	23	1	s01
.....ucccGgagacc <u>cu</u> aacuugug.....	28	1	s01
.....ucccugagacc <u>cu</u> aCcuugug.....	32	1	s01
.....ucccugagaccCaa <u>cu</u> uugug.....	2	1	s01
.....ucccugagaccGua <u>cu</u> uugug.....	3	1	s01
.....uccGcugagacc <u>cu</u> aacuugug.....	2	1	s01
.....ucccugagacc <u>cu</u> aacuugCg.....	31	1	s01
.....ucccugagacc <u>cu</u> aaGuugug.....	9	1	s01
.....Gcc <u>cu</u> gagacc <u>cu</u> aacuugug.....	34	1	s01
.....ucccugaCacc <u>cu</u> aacuugug.....	4	1	s01
.....ucccugagacc <u>cu</u> aacuuCug.....	6	1	s01
.....uccGugagacc <u>cu</u> aacuugug.....	5	1	s01
.....ucccugagacc <u>cu</u> aaAuugug.....	14	1	s01
.....ucccugagacc <u>cu</u> aacuugGg.....	303	1	s01
.....ucccugagaccAua <u>cu</u> uugug.....	15	1	s01
.....ucccugagacc <u>cu</u> aacuuguU.....	20	1	s01
.....ucccugagacc <u>cu</u> aacuuAug.....	10	1	s01
.....ucccugCgacc <u>cu</u> aacuugug.....	35	1	s01
.....uUccugagacc <u>cu</u> aacuugug.....	7	1	s01
.....uGccugagacc <u>cu</u> aacuugug.....	7	1	s01
.....ucccugagaccCca <u>cu</u> uugug.....	13	1	s01
.....ucccugagacc <u>cu</u> aacuGgug.....	60	1	s01
.....ucNcugagacc <u>cu</u> aacuugug.....	6	1	s01
.....ucccugagaccGcu <u>cu</u> uugug.....	8	1	s01
.....ucccCgagacc <u>cu</u> aacuugug.....	41	1	s01
.....uccNugagacc <u>cu</u> aacuugug.....	5	1	s01
.....ucccugagacc <u>cu</u> aacuuUug.....	27	1	s01
.....ucccugagGcc <u>cu</u> aacuugug.....	63	1	s01
.....ucccuCagacc <u>cu</u> aacuugug.....	3	1	s01
.....uccUugagacc <u>cu</u> aacuugug.....	5	1	s01
.....ucccugagaUcc <u>cu</u> aacuugug.....	5	1	s01

Mature

Star

cgaaucuguaccucucucaaucccugagagaccuaacuugugacuuuuuccugugaugugcacggguuggguucucgggagcugcgagggggugcucucacacaucuccgaaa

.....ucccugagagaccuGacuugug.....	14	1	s01
.....ucccugagagaccuaacuugAg.....	54	1	s01
.....ucccugagagaccuaacCugug.....	10	1	s01
.....ucccugagagaccuaacuCug.....	31	1	s01
.....ucccugagagaGccuaacuugug.....	10	1	s01
.....ucccugagagaccuaacAugug.....	6	1	s01
.....ucccugagagacUcuaacuugug.....	10	1	s01
.....ucccugagagaAccuaacuugug.....	11	1	s01
.....uAccugagagaccuaacuugug.....	24	1	s01
.....ucccugagagaccuaacuugug.....	29841	0	s01
.....ucccugGgagaccuaacuugug.....	71	1	s01
.....ucccugagagaccuCacuugug.....	15	1	s01
.....ucccAgagagaccuaacuugug.....	10	1	s01
.....Nccugagagaccuaacuugug.....	6	1	s01
.....ucccugagagaccGaacuugug.....	22	1	s01
.....uNccugagagaccuaacuugug.....	1	1	s01
.....ucccugagagaccuaUcuugug.....	3	1	s01
.....ucccugagagacAcuaacuugug.....	9	1	s01
.....ucccugagagaccuaacGugug.....	15	1	s01
.....ucccugagagaccuaGcuugug.....	11	1	s01
.....Acccugagagaccuaacuugug.....	36	1	s01
.....ucccugagagaccuaaUuugug.....	17	1	s01
.....ucccugUgagaccuaacuugug.....	62	1	s01
.....ucccugagagaccuUacuugug.....	56	1	s01
.....ucccugagagaccuaacuuguA.....	27	1	s01
.....ucccugagUcccuacuugug.....	82	1	s01
.....uccAugagagaccuaacuugug.....	13	1	s01
.....ucccugaUaccuaacuugug.....	26	1	s01
.....ucAcugagagaccuaacuugug.....	22	1	s01
.....Cccugagagaccuaacuugug.....	10	1	s01
.....ucccugagagaccuaacuAgug.....	7	1	s01
.....ucccugagaccUuaacuugug.....	2	1	s01
.....ucUcugagagaccuaacuugug.....	12	1	s01
.....ucccuUagagaccuaacuugug.....	12	1	s01
.....uGccugagagaccuaacuuguga.....	21	1	s01
.....ucccugagagaccuaacuuUuga.....	124	1	s01
.....uccNugagagaccuaacuuguga.....	23	1	s01
.....ucccugaAaccuaacuuguga.....	146	1	s01
.....ucccugaCaccuaacuuguga.....	9	1	s01
.....ucccugagaUccuaacuuguga.....	16	1	s01
.....ucccuCagagaccuaacuuguga.....	4	1	s01
.....ucccugagagaccuaaGuuguga.....	30	1	s01
.....ucccugUgagaccuaacuuguga.....	97	1	s01
.....ucccugagagaccCaacuuguga.....	42	1	s01
.....uccUugagagaccuaacuuguga.....	38	1	s01
.....ucccugagagaccuaacuugugG.....	64	1	s01
.....ucccuAagagaccuaacuuguga.....	28	1	s01
.....uNccugagagaccuaacuuguga.....	3	1	s01
.....ucccugagagaccuaacuugugU.....	1490	1	s01
.....ucccugagagaccuaacuugCga.....	121	1	s01
.....uccGugagagaccuaacuuguga.....	37	1	s01
.....ucccugagagaccuaacuuAuga.....	29	1	s01
.....ucccugagagaccAacuuguga.....	12	1	s01
.....Cccugagagaccuaacuuguga.....	33	1	s01
.....ucccuUagagaccuaacuuguga.....	40	1	s01
.....ucAcugagagaccuaacuuguga.....	69	1	s01
.....Gccugagagagaccuaacuuguga.....	91	1	s01
.....ucUcugagagaccuaacuuguga.....	42	1	s01
.....ucccugagagacUcuaacuuguga.....	17	1	s01
.....ucccugagagaccuaUcuuguga.....	8	1	s01
.....ucccugagagaccAuaacuuguga.....	39	1	s01
.....ucccugagagaccuaacuugGga.....	941	1	s01
.....ucccugagagaccuaacuCuuga.....	71	1	s01
.....Nccugagagagaccuaacuuguga.....	5	1	s01
.....ucccugagagaccGaacuuguga.....	59	1	s01
.....ucccugagagaccuaacuuguCa.....	45	1	s01
.....ucccugagagaccuaacuuCuga.....	26	1	s01
.....ucGcugagagaccuaacuuguga.....	26	1	s01
.....ucccugagagaccuaacuuguUa.....	24	1	s01
.....ucccGgagagaccuaacuuguga.....	70	1	s01

Mature

Star

cgaaucuguaccucucucaaucccugagagacccuaacuugugacuuuuuccugugaugugcacggguggguucucgggagcugcgagggggugcucucacacauccggaaa

.....ucccugagCcccu <u>aacu</u> uguga.....	166	1	s01
.....ucccugagacc <u>cu</u> a <u>acu</u> uguga.....	89876	0	s01
.....ucccugagacc <u>cu</u> a <u>acu</u> u <u>gAa</u>	47	1	s01
.....ucccugagacc <u>cu</u> a <u>Ncu</u> uguga.....	2	1	s01
.....uAccugagacc <u>cu</u> a <u>acu</u> uguga.....	72	1	s01
.....ucccugagacc <u>cu</u> U <u>acu</u> uguga.....	115	1	s01
.....ucccugagacc <u>cu</u> a <u>Ccu</u> uguga.....	101	1	s01
.....ucNcugagacc <u>cu</u> a <u>acu</u> uguga.....	19	1	s01
.....ucccugagacc <u>cu</u> 6 <u>acu</u> uguga.....	33	1	s01
.....ucccugagacc <u>cu</u> a <u>acu</u> gAga.....	167	1	s01
.....ucccugagacc <u>cu</u> aa <u>Auu</u> uguga.....	48	1	s01
.....ucccugagacc <u>cu</u> a <u>ac</u> C <u>u</u> guga.....	13	1	s01
.....ucccugagacc <u>cu</u> a6 <u>cu</u> uguga.....	31	1	s01
.....ucccugaUacc <u>cu</u> a <u>acu</u> uguga.....	75	1	s01
.....ucccugagacA <u>cu</u> a <u>acu</u> uguga.....	51	1	s01
.....ucccugagacc <u>cu</u> C <u>acu</u> uguga.....	44	1	s01
.....ucccugagacc6 <u>u</u> a <u>acu</u> uguga.....	6	1	s01
.....ucccugaga6 <u>cu</u> u <u>aacu</u> uguga.....	40	1	s01
.....Acccugagacc <u>cu</u> a <u>acu</u> uguga.....	83	1	s01
.....ucccCgagacc <u>cu</u> a <u>acu</u> uguga.....	91	1	s01
.....uUccugagacc <u>cu</u> a <u>acu</u> uguga.....	49	1	s01
.....ucccugagacc <u>cu</u> aaU <u>uu</u> uguga.....	40	1	s01
.....ucccugagacc <u>cu</u> a <u>ac</u> 6 <u>u</u> guga.....	32	1	s01
.....ucccAgagacc <u>cu</u> a <u>acu</u> uguga.....	38	1	s01
.....ucccugagacc <u>cu</u> a <u>ac</u> A <u>u</u> guga.....	8	1	s01
.....ucccugag6 <u>cu</u> u <u>aacu</u> uguga.....	113	1	s01
.....ucccugagacc <u>cu</u> a <u>acu</u> 6 <u>u</u> guga.....	130	1	s01
.....ucccugagacc <u>cu</u> a <u>acu</u> A <u>u</u> guga.....	9	1	s01
.....uccAugagacc <u>cu</u> a <u>acu</u> uguga.....	27	1	s01
.....ucccugagaccU <u>u</u> a <u>acu</u> uguga.....	17	1	s01
.....ucccugagaAcc <u>u</u> a <u>acu</u> uguga.....	41	1	s01
.....ucccugagUcc <u>u</u> a <u>acu</u> uguga.....	152	1	s01
.....ucccugGgacc <u>cu</u> a <u>acu</u> uguga.....	105	1	s01
.....ucccugagacG <u>cu</u> a <u>acu</u> uguga.....	20	1	s01
.....ucccugCgacc <u>cu</u> a <u>acu</u> uguga.....	67	1	s01
.....ucccugagacc <u>cu</u> a <u>acu</u> ugugC.....	70	1	s01
.....ucccAgagacc <u>cu</u> a <u>acu</u> ugugac.....	1	1	s01
.....uc6cugagacc <u>cu</u> a <u>acu</u> ugugac.....	2	1	s01
.....ucccugagacc <u>cu</u> a <u>acu</u> gAgac.....	1	1	s01
.....ucccugagUcc <u>u</u> a <u>acu</u> ugugac.....	1	1	s01
.....ucccugagacc <u>cu</u> a <u>acu</u> ugugaA.....	1806	1	s01
.....uccAugagacc <u>cu</u> a <u>acu</u> ugugac.....	1	1	s01
.....ucccugagacc <u>cu</u> a <u>acu</u> gCgac.....	2	1	s01
.....uAccugagacc <u>cu</u> a <u>acu</u> ugugac.....	1	1	s01
.....ucccugagacc <u>cu</u> 6 <u>acu</u> ugugac.....	1	1	s01
.....ucccugagacc <u>cu</u> a <u>acu</u> ugugac.....	207	0	s01
.....ucccugagacc <u>cu</u> a <u>acu</u> g6gac.....	2	1	s01
.....ucccuAgagacc <u>cu</u> a <u>acu</u> ugugac.....	1	1	s01
.....ucccugagCcc <u>u</u> a <u>acu</u> ugugac.....	1	1	s01
.....ucccugagacc <u>cu</u> a <u>acu</u> ugugaU.....	157	1	s01
.....ucccugagacc <u>cu</u> a <u>acu</u> 6 <u>u</u> gac.....	2	1	s01
.....ucccugagacc <u>cu</u> a <u>acu</u> ugugaAu.....	25	1	s01
.....ucccugagacc <u>cu</u> a <u>acu</u> ugugac6.....	3	1	s01
.....ucccugagacc <u>cu</u> a <u>acu</u> ugug6cu.....	1	1	s01
.....ucccugagacc <u>cu</u> a <u>acu</u> ugugacu.....	22	0	s01
.....ucccugagacc <u>cu</u> a <u>acu</u> ugugacA.....	20	1	s01
.....ucccugagacc <u>cu</u> aa <u>Auu</u> ugugacu.....	1	1	s01
.....ucccugagacc <u>cu</u> a <u>acu</u> ugugacC.....	1	1	s01
.....ucccugagacc <u>cu</u> a <u>acu</u> ugugaUu.....	8	1	s01
.....ucccugagacc <u>cu</u> a <u>acu</u> ugug6cuu.....	1	1	s01
.....ucccugagacc <u>cu</u> a <u>acu</u> ugugaUuu.....	1	1	s01
.....Uccugagacc <u>cu</u> a <u>acu</u> ugu.....	1	1	s01
.....ccugagacc <u>cu</u> a <u>acu</u> ugu.....	1	0	s01
.....ccugagacc <u>cu</u> a <u>acu</u> ugug.....	1	0	s01
.....Uccugagacc <u>cu</u> a <u>acu</u> ugug.....	1	1	s01
.....ccugagacc <u>cu</u> a <u>acu</u> uguga.....	10	0	s01
.....Uccugagacc <u>cu</u> a <u>acu</u> uguga.....	6	1	s01
.....ccugagacc <u>cu</u> a <u>acu</u> ugugC.....	1	1	s01
.....ccugagacc <u>cu</u> a <u>acu</u> ugu.....	3	0	s01
.....ccugagaccC <u>aacu</u> ugug.....	1	1	s01

Mature

Star

cgaaucuguccucucuaaccugagaccuaacuugugacuuuuuccugugaugugcacggguuggguucucgggagcugcgaggggugcucacacaucuccgga

.....ccugag6cccuacuugug.....	1	1	s01
.....ccugagaccuaacuugug.....	71	0	s01
.....ccugagaccuaacuugCg.....	1	1	s01
.....ccugagaccuaCcuugug.....	1	1	s01
.....ccug6gaccuaacuugug.....	1	1	s01
.....ccugagaccuaacuUug.....	1	1	s01
.....ccugagaccuaacuug6g.....	2	1	s01
.....ccugagaccuaacu6guga.....	1	1	s01
.....ccuNagaccuaacuuguga.....	1	1	s01
.....ccugagaccuaacuUuga.....	4	1	s01
.....ccugagacAcuaacuuguga.....	1	1	s01
.....ccugCgaccuaacuuguga.....	1	1	s01
.....ccugagaccuaacuug6ga.....	11	1	s01
.....ccugagaccuaacuCuguga.....	1	1	s01
.....ccugagaccuaacuuguga.....	197	0	s01
.....ccug6gaccuaacuuguga.....	1	1	s01
.....ccugagaccuaaAuuguga.....	1	1	s01
.....ccugagaccuaacuugug6.....	2	1	s01
.....ccugagaccCaacuuguga.....	1	1	s01
.....ccCgagaccuaacuuguga.....	3	1	s01
.....ccuUagaccuaacuuguga.....	1	1	s01
.....ccugagUccuaacuuguga.....	1	1	s01
.....ccugagaccuaacuugugaA.....	2	1	s01
.....ccugagaccuaacuugugac.....	2	0	s01
.....ccugagaccuaacuugugaUu.....	2	1	s01
.....cugagaccuaacuugAg.....	1	1	s01
.....cugagaccuaacuugugC.....	1	1	s01
.....cugagaccuaacuuguga.....	9	0	s01
.....cCgagaccuaacuuguga.....	1	1	s01
.....ugagaccuaacuuguga.....	13	0	s01
.....acuuuuuccugugaugugc.....	2	0	s01
.....acuuu6uccugugaugugc.....	7	1	s01
.....acuuuuuccugugaugugca.....	78	0	s01
.....acuuuuuccugugaug6gca.....	1	1	s01
.....acuuuuuccugugaugugcU.....	1	1	s01
.....acuuu6uccugugaugugca.....	118	1	s01
.....aAuuuuuuccugugaugugca.....	1	1	s01
.....cuuu6uccugugaugugc.....	15	1	s01
.....cuuuuuuccugugaugugc.....	20	0	s01
.....cuuuuuuccugugaGgugc.....	1	1	s01
.....cuuuAuccugugaugugc.....	1	1	s01
.....uuu6uccugugaugugca.....	1	1	s01
.....uuuuuccugugaugugcU.....	2	1	s01
.....cacggguuggguucucgggagU.....	2	1	s01
.....acggguuggguucucggg.....	1	0	s01
.....acgggAuggguucucgggag.....	1	1	s01
.....acggguuggguucucgggag.....	7	0	s01
.....acggguugggCucucgggagc.....	6	1	s01
.....acggguuggguucCcgggagc.....	1	1	s01
.....acggguugggGucucgggagc.....	1	1	s01
.....acggguuggguucucggg6gc.....	1	1	s01
.....acggguuggguucucgggagc.....	55	0	s01
.....acggguuAgguucucgggagcu.....	1	1	s01
.....acggguuggguucucgggagcu.....	89	0	s01
.....acggguugggCucucgggagcu.....	3	1	s01
.....acgggGuggguucucgggagcu.....	2	1	s01
.....acggguuggguucucAggagcu.....	1	1	s01
.....acggguuggguucucGgagcu.....	1	1	s01
.....acggUuuggguucucgggagcu.....	1	1	s01
.....acgggAuggguucucgggagcu.....	1	1	s01
.....acNggguuggguucucgggagcu.....	1	1	s01
.....acggguuggguucucgggagcA.....	1	1	s01
.....acggguugggGucucgggagcu.....	1	1	s01
.....acggguuggguucucGggagcu.....	1	1	s01
.....acggguuggguucucgggagcug.....	1	0	s01
.....acggguuggguucucgggagcuA.....	5	1	s01
.....acggguuggguucucgggagcuU.....	2	1	s01
.....cggguuggguucucgggagc.....	2	0	s01
.....cggguuggguucucgggagcu.....	46	0	s01
.....cggguugggCucucgggagcu.....	1	1	s01

MatureStar

cgaaucuguaccucucucaa <u>uccugagaccuaacuugugacuuuuuccugugauggcacggguuggguucucgggagcug</u> cgaggggugcucacacaucuccgaaa			
.....cgggCuggguucucgggagcu.....	1	1	s01
.....cggguuggguucucgggagcuA.....	1	1	s01
.....cggguuggguucucgggagcuU.....	2	1	s01