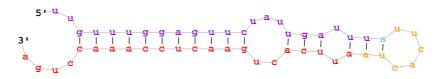
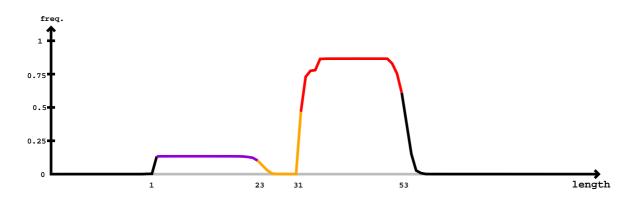
Provisional ID : chromosome_4_131803

Score total : 15357.7
Score for star read(s) : 3.9
Score for read counts : 15351.5
Score for mfe : 0.7
Score for randfold : 1.6

Score for cons. seed

Total read count : 30123 Mature read count : 26098 Loop read count : 0 Star read count : 4025





5'- aaaguuugcgacaaggaaucuuguuuggaguucuauugauuuauucacuaauucacugaacuccaaaccugauuuccuguuugcuguaggagagaccaucaauggccguuag

Star	Mature

aaaguuugcgacaaggaaucuuguuuggaguucuauugauuua <mark>uucacuaauucacugaacuccaaaccugau</mark> uuccuguuugcuguaggagagaccaucaauggccguuag	ex	Þ	
(((((((((((((((((((()))).))).))	reads	mm	sample
ucuuguuuggaguucuauugauuuauucac	2	0	s 16
uuguuuggaguucuauugau	8	0	s 16
uuguuuggaguucuauugauC	1	1	s 16
ugCuuggaguucuauugauu.	1	1	s 16
uuguuuggaguucuauugauu	11	0	s 16
uuguuuggaguucuauugauuu	13	0	s 16
uuguuuggaguucuauugauuC	1	1	s16
uuguuuggaguucuauugauuA	1	1	s 16
uuguuuggaguucuauugauuuU	2	1	s16
uuguuuggaguucuauugauuua	5	0	s16
uuguuuggaguucuauugauuAa	1	1	s16
uuguuuggaguucuauugauuuau.	11	0	s16
uuguuuggaguucuauugauuuaC	2	1	s16
uuguuuggaguucuauugauuuauucacua.	1	0	s16
Cauucacugaacuccaaaccuga	3	1	s16
auucacugaacuccaaacA	1	1	s16
auucacugaacuccaaacc	4	0	s 16
auucacugaacuccaaacU	2	1	s 16
auucacugaacuccaaaccC	3	1	s 16
auucacugaacuccaaaccu	8	0	s 16
auucacugaacuccaaaccug	20	0	s 16
auucacugaacuccaaaccuA	2	1	s 16
auucacCgaacuccaaaccug	1	1	s 16
auucacugaacucC	1	1	s 16
auucacugaacuccaaaccuU	3	1	s 16
auucacugaacuccGaaccug	1	1	s 16
auucacugaacuccaaaccugC	1	1	s 16
auucacugaacuccaaaccugU	6	1	s 16
auucacugaacuccaaGccuga	3	1	s 16
auucacuAaacuccaaaccuga	1	1	s 16
aCucacugaacuccaaaccuga	1	1	s 16
auucacugaGcuccaaaccuga	2	1	s 16
auucacugUacuccaaaccuga	1	1	s 16

aaaguuugcgacaaggaaucuuguuuggaguucuauugauuuauucacuaauucacugaacuccaaaccugauuuccuguuugcuguaggagagaccaucaauggccguuag			
auucacCgaacuccaaaccuga	3	1	s 16
Uuucacugaacuccaaaccuga	1	1	s16
Guucacugaacuccaaaccuga.	1	1	s16
auucacugaacuccaaaccuga.	107	0	s 16
auucacugaacuccaaaccGga.	2	1	s16
auucacuAaacuccaaaccugau.	1	1	s16
auucacugaacuccaaaccugau	40	0	s16
auucacugaacuccaaaccugaA	3	1	s16
auucacugaacuccaaaccugaC	15	1	s 16
auucGcugaacuccaaaccugau	1	1	s16
auucacugaGcuccaaaccugau	1	1	s 16
auucacugaacuccaaaccugGu	1	1	s 16
auucacugaaAuccaaaccugauu	1	1	s 16
auucacugaacuccaaaccugCuu	1	1	s 16
auucacugaacuccaaaccugaGu	1	1	s16
auucacuAaacuccaaaccugauu	1	1	s16
auucacugaacuccaaaccugauG	1	1	s16
auucacugaacuccaaaccugauC	3	1	s 16
auucacugaacuccaaaccugauA	3	1	s16
auucacugaacuccaaaccugauu	16	0	s16
auucacugaacuccaaaccugauAu	1	1	s1 6
auucacugaacuccaaaccugauuu.	1	0	s16
.uucacugaacuccaaacU.	1	1	s1 6
	4	0	s 16
	1	1	s 16
	1	1	s 16
	30	0	s 16
Cucacugaacuccaaaccug	1	1	s 16
	1	1	s 16
uucacugaacuccaaaccuU	3	1	s16
uucacugaacuccaaaccugU	1	1	s16
uucacugaGcuccaaaccuga	1	1 0	s16
	15	-	s16
uucacugaacuccaaaccugaC	1 11	1 0	s16 s16
	1	1	s16 s16
	13	0	s16
	1	1	s16
uucacugaacuccaaaccugauuu	1	0	s16
ucacugaacuccaaaccC	3	1	s16
ucacugaacuccaaaccug	10	0	s16
ucacugaGcuccaaaccug	1	1	s16
ucacugaacCccaaaccuga.	1	1	s 16
ucacugaacuccaaaccGga.	1	1	s16
ucacugaacuccCaaccuga.	1	1	s16
ucacugaacuccaaaccuga.	6	0	s 16
cacugaacuccaaaccuga.	3	0	s 16
acugaacuccaaaccugau.	6	0	s16
acugaacuccaaaUcugau	2	1	s16
acugaacuccaaaccugauA	7	1	s16
acugaacuccaaaccugauu	94	0	s 16
acugaacuccaaaccCgauu	1	1	s 16
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.acugaacuccaaacGugauu	1	1	s16
acugaacuccGaaccugauu	1	1	s 16
acugaacuccaaaccugaGu	1	1	s16
acugaacuccaaaGcugauu	1	1	s16
acugaacuccaaaccugauC	11	1	s16
acugaacuccaaaccugaAu	1	1	s16
acugaacuccaaaccugauuA	1	1	s16
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acugaacuccaaaccugaAuu	9	1	s16
acugaacuccaaacGugauuu	1	1	s16
acugaacuccaaaccugauuuU	3 4	1 0	s16
acugaacuccaaaccugauuuc	1	1	s16 s16
acugaacuccaaaccugauuuG	1	1	s16 s16
	1	0	s16 s16
	-	•	210
uuguuuggaguucuauugauuu	1	0	s04

aaaguuugcgacaaggaaucuuguuuggaguucuauugauuuauucacuaauucacugaacuccaaaccugauuuccuguuugcuguaggagagaccaucaauggccguuag			
	2	0	s04
auucacuqaacuccaaacU.	1	1	s04
auucacugaacuccaaaccu	2	0	s04
auucacugaacuccaaaccuA	3	1	s04
auucacugaacuccaaaccug	1	0	s04
auucacugaacuccaaaccuga	25	0	s04
auucacugaacuccaaGccuga	1	1	s04
auucacugaacuccaaaccugau	1	0	s04
auucacugaucccaaaccugauA	2	1	s04
auucacugaacuccaaaccugaun.	1	1	s04
	1	1	s04 s04
	3	0	s04
	6	0	s04
Aucacugaacuccaaaccug	1	1	s04
uucacugaacuccaaaccuga	1	0	s04
uucacugaacuccaaaccugau	2	0	s04
ucacugaacuccaaaccuga	2	0	s04
acugaacuccaaaccugauu	1	0	s04
uuguuuggaguucuauuga	3	0	s08
uuguuuggaguucuauugaC	3	1	s 08
uuguuuggaguucuauugau	4	0	s 08
uuguuuggaguucuauugauC	2	1	s08
uuguuuggaguucuauugauu.	9	0	s 08
uuguuuggaguucuauugauuu.	19	0	s 08
uuguuuggaguucuauugauuua	14	0	808
uuguuuggaguucuauugauuAau	1	1	808
uuguuuggaguucAauugauuuau	1	1	s08
uuguuuggaguucGauugauuuau	1	1	s08
guuuggaguucuauugauuuau	6	0	s08
.uuguuuggaguucuauugauuuaC	5	1	s08
guuuggaguucuauugauAuau	1	1	s08
.uuguuuggaguucuauugauuuauu	1	0	s08
auucacugaacuccaaac.	2	0	s08
auucacugaacuccaaacc	13	0	s08
auucacugaacuccaaacU	2	1	s08
auucGcugaacuccaaacc	1	1	s08
auucacugaacuccaaGccu	1	1	s08
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auucacugaacuccaaCccug	1	1	s08
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auucacugaGcuccaaaccug	1	1	s08
aCucacugaacuccaaaccug	1	1	s08
auucacugaacuccaaUccug	1	1	s08
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auucacugaacuccaaGccuga	1	1	s08
auucacugaacuccaaaccugG	1	1	s08
auucacugaacuccaaaccGga	6	1	s08
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auucacuCaacuccaaaccuga	1	1	s08
auucGcugaacuccaaaccuga	4	1	s08
auucacugaacuccaaaccugU	11	1	s08
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Guucacugaacuccaaaccugau	1	1	s08
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auucaUugaacuccaaaccugauu	1	1	s08
auucacugaacuccaaaccugaAu	1	1	s08
auucacCgaacuccaaaccugauu	1	1	s08
auucacugaacuccaaaccugaCu	1	1	s08
auucacugaacuccaaaccugauu	11	0	s08

DCa1 Macui				
aaaguuugcgacaaggaaucuuguuuggaguucuauugauuuauucacua <mark>auucacugaa</mark>		_	_	
auucacugaa		3	1	808
	cuccGaaccugauu	2	1	s 08
uucacugaa		1	1	s 08
uucacugaa	uccaaacc	1	0	ສ08
uucacugaa	euccGaaccu	1	1	s 08
uucacugaa	ruccaaaccC	6	1	808
uucacugaa	cuccaaaccu	25	0	s 08
uucacugaa	uccaaGccu	1	1	s 08
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uucacugaa	ruccGaaccug	1	1	s 08
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uucacugaa	uccaaaccug	23	0	s08
uucacugaa	euccaaaccuC	1	1	s08
	euccaaaccuga	1	1	s08
	:Cccaaaccuga	2	1	s08
	cuccaaaccugU	3	1	s08
	cuccaaaccGga	1	1	s08
	uccaaaccuga	42	0	s08
-	•			
	cuccaaaccuga	2	1	s08
	cuccCaaccuga	1	1	s08
	cuccaaaccugC	1	1	s08
	uccaaaccuga	1	1	ສ08
	cuccaaaccugaA	2	1	s 08
uucacugaa	cuccaaaccugaC	1	1	808
uucacugaa	uccaaaccugau	22	0	s 08
uucacugaa	uccaaaccugGu	2	1	s 08
uucacugaa	euccGaaccugauu	1	1	s 08
uucacugaa	uUcaaaccugauu	1	1	s 08
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uucacugaa	uccaaaccugauu	6	0	s 08
ucacugaa	uccaaaccC	1	1	s08
ucacugaa	ruccaaaccu	2	0	s 08
ucacugaa	cuccaaaccuA	4	1	s08
ucacugaa	ruccaaaccug	7	0	s08
ucacCgaa	ruccaaaccug	1	1	s08
ucacugaa	euccaaaccugU	2	1	s08
	ruccaaaccuga	1	1	s08
ucacugaa	uccaaaccuga	13	0	s08
ucacugaa	uccaaaccuAa	1	1	s08
ucacugaa	uccaaaccugau	1	0	s08
	cuccaaaccugauA	2	1	s08
······································		5	0	s08
ucacugaa		1	1	s08
		2	1	s08
		1	0	s08
Cacugaa		2	0	s08
-	-			
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-	•			
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acugaa	•	5	0	s08
acugaa		15	0	s08
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acugaa	cuccaaaccugauC	3	1	s 08
acugaa	uccaaaccugauuu	7	0	808
acugaa	uccaaaccugauuC	2	1	s 08
acugaa	cuccaaaccugauuA	1	1	s 08
acugaa	cuccaaaccugauuuU	1	1	s 08
acugaa	cuccaaaccugauuuc	6	0	s 08
cugaa	euccaaaccugau	1	0	s 08
cugaa	cuccaaaccugauu	1	0	s 08
cugaa	cuccaaaccugauuu	1	0	s 08
cugaa	cuccaaaccugauuuc	1	0	s 08
	uuuccuguuugcuguaggagagccaucaa	1	0	s08
aaucuuguuuggaguucA		1	1	s07
ucuuguuuggaguucuau		2	0	s07
ucuCguuuggaguucuau		1	1	s07

aaaguuugcgacaaggaaucuuguuuggaguucuauugauuuauucacuaauucacugaacuccaaaccugauuuccuguuugcuguaggagagaccaucaauggccguuag			
ucuuguuuggaguucuauC	2	1	s07
ucuuguuuggaguucuaGu	1	1	s07
ucuuguuuggaguucuauuA	1	1	s07
ucuuguuuggaguucuauug	1	0	s07
ucuuguuuggaguucuauuga	2	0	s07
ucuuguuuggaguucuauugauC	2	1	s07
ucuuguuuggaguucuauugauu.aAu	2	1	s07
	1	0	s07
uuguuuggaguucuauug	2	0	s07
	2	1	s07
	1	1	s07 s07
	18	0	s07 s07
	3	1 1	s07
uuguuuggaguCcuauuga	1		s07
Guguuuggaguucuauuga	1	1	s07
uuguuuggaguucuauugU	1	1	s07
	1	1	s07
uuguuuggaguucuauugau	1	0	s07
uuguuuggaguucuauugaC	2	1	s07
uuguuuAgaguucuauugauu	1	1	s07
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uuguuuggaguucuauugauC	7	1	s07
uuguuuggaguucuauugauu	39	0	s07
uuguuuggaguucuauugauA	4	1	s 07
uuguuuggaguucuauugaAu.	1	1	s 07
guuuggaguucuauuCauu.	1	1	s 07
uuguuuggaguucuauugauCu.	1	1	s 07
	1	1	s 07
uuguuuggaguucuauugauuC.	17	1	s07
uuguuuggaguucuauCgauuu.	2	1	s07
Auguuuggaguucuauugauuu.	3	1	s07
guuuggaguucuauugauuu	135	0	s07
uuguuuggaguucuauugaGuu.	1	1	s07
uCguuuggaguucuauugauuu	2	1	s 07
guuuggaguucuauugauuG	1	1	s07
guuuggGguucuauugauuu	2	1	s07
uguuuggaguucuauugauuA	8	1	s 07
guuuggaguucuauugauuGa	3	1	s07
guCuggaguucuauugauuua	1	1	s07
uuguuuggaguucuaCugauuua	1	1	s 07
Guguuuggaguucuauugauuua	2	1	s07
uguuuggaguucuauugauuuU	3	1	s07
uuguuggaguucuauugauuua	67	0	s 07
uuguuuggUguucuauugauuua	1	1	s07
uugCuuggaguucuauugauuua.	1	1	s07
uuguuggaguucuauCgauuua	1	1	s 07
uuguuggaguucuauugac	5	1	s07
uuguuggaguucuauugauuuUu.	1	1	s07
uuguuggaguucuauugauuuau	64	0	s07
uuguuuggaguucuauugauuAau	2	1	s07
uuguuggaguucGauugauuuau	1	1	s 07
uuguuggaguucuauugu	1	1	s07
uguuuggaguucuauugauuuauA	1	1	s07
uguuuggaguucuauugauuuauC	1	1	s07
Cuguuuggaguucuauugauuuauu	1	1	s07
uguuuggaguucuauugauuuauu	3	0	s07
uguuuggaguucuauugauuuaAu	3	1	s07
uuguuuggaguucuauugauuuauucacua	1	0	s07
uguuuggaguucuauugau	2	0	s07
uguuuggaguucuauugauuu	1	0	s07
uguuuggaguucuauugauuuaC	2	1	s07
uucacuaauucacugaacuccaaaccugau	1	0	s07
Cauucacugaacuccaaaccuga	1	1	s07
auucacugaacuccaaaU	2	1	s07
auucacugaacuccaaac	1	0	s07
auucacAgaacuccaaacc	3	1	s07
auucacugaacuccaaacU	15	1	s07
auucacugaacuccaaacG	1	1	s07
auucacugaacuccaaacA	14	1	s07
auucacugaacuccaaacc	50	0	s07
		•	50,

Star Mature				
aaaguuugcgacaaggaaucuuguuuggaguucuauugauuuauucacuaauucacugaacuccaaaccug	auuuccuguuugcuguaggagagaccaucaauggccguuag			
auucacugaacuccaaaccC.		11	1	s 07
auucacugaacuccaaaccu.		74	0	s07
auucacCgaacuccaaaccu.		3	1	s07
auucacGgaacuccaaaccug		1	1	s07
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auucacugaaUuccaaaccug		1	1	s07
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auucacugaacuccaaaccug		251	0	s07
aCucacugaacuccaaaccug		1	1	s07
auucacugaacuccaaGccug		4	1	s 07
auucacugaacuccaaaccuA	•••••	42	1	s 07
auucacugaacuccaaaccuC		3	1	ສ07
Uuucacugaacuccaaaccug		1	1	s 07
auucGcugaacuccaaaccug		3	1	s07
auucacugaacucUaaaccug		1	1	s07
auucacugUacuccaaaccug		1	1	s07
auucacugaacuccaGaccug		4	1	s07
auucacCgaacuccaaaccug		2	1	s07
auucacugaacuccaaaccGg		3	1	s07
-		3	1	s07
auucacugaacCccaaaccug				
auucacugaacuccaaaccuU		9	1	s07
auucacugaacuccaaaccAg	• • • • • • • • • • • • • • • • • • • •	2	1	s 07
auucacugaacuccaaaccuA	a	1	1	s07
Cuucacugaacuccaaaccug	a	2	1	ສ07
auucacugaacucUaaaccug	a	2	1	s 07
auucacugUacuccaaaccug	a	1	1	s 07
auucGcugaacuccaaaccug	a	2	1	s07
Guucacugaacuccaaaccug		3	1	s07
auucacCgaacuccaaaccug		1	1	s07
auucacugaacuccGaaccug		3	1	s07
		3	1	s07
auAcacugaacuccaaaccuga				
auucacugaacuccaCaccuga		1	1	s07
auucacugaacuccaaaccGg		14	1	s 07
auCcacugaacuccaaaccuga	a	5	1	s 07
auucacugaacuccaaaccug	U	71	1	s07
auucacugaacuccaaaccug	G	7	1	s07
auucacugaacuccaUaccuga	a	1	1	s 07
auucacugaacuccaGaccug	a	3	1	s 07
aCucacugaacuccaaaccug	a	2	1	s07
auucacugaacuccaaaccug	C	7	1	s07
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		2	1	s07
auucacugaacuccaaacUuga				
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auucacGgaacuccaaaccug		1	1	s 07
auucacugaacuccaaaccuU		1	1	s 07
auucacugaUcuccaaaccuga	a	1	1	ສ07
auucaAugaacuccaaaccug	a	1	1	s 07
Uuucacugaacuccaaaccug	a	2	1	s07
auucacugaacuccaaGccug	a	5	1	s07
auucacugaacuccaaaccug	Gu	6	1	s07
auucacugaacucAaaaccug		1	1	s07
Guucacugaacuccaaaccug		1	1	s07
auucacugaacuccaaaccug		1	1	s07
auucacugaacuccaaaccuga		4	1	s07
auucacugaacuccaaaccugi		2	1	s07
auucacCgaacuccaaaccug		2	1	s07
auucacugaacuccaCaccug		2	1	s07
auucacugaacCccaaaccug	au	1	1	s 07
auucacugaGcuccaaaccuga	au	1	1	s 07
auucacugaacuccGaaccug	au	1	1	s07
auucacuAaacuccaaaccug	au	1	1	s07
auucacugaacuccaaaccug	au	166	0	s07
auucacugaacuccaaaccug		21	1	s07
auucacGgaacuccaaaccug		1	1	s07
auucacugaacuccaaaccuga		2	1	s07
auucacugaacuccaaaccuga		15	1	s07
		21	0	s07
auucacugaacuccaaaccuga				
auucacugaacuccaaaccug		1	1	s07
auucacugaacuccaaaccuga	aAu	4	1	s 07

Star M	lature			
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	ucacugaacuccaaaccugauu	1	1	s07
au	ucacugaacuccaaaccugauAu	1	1	s07
	uucacugaacuccaaaUc	2	1	s07
u	uucacugaacuccaaacU	4	1	s07
u	ucacugaacuccaaacc	30	0	s07
	ucacugaacuccaaacA	9	1	s07
	uucacugaaUuccaaacc	1	1	s07
	uucacugaacuUcaaacc	1	1	s07
	Tucacugaacuccaaaccu	1	1	s07
	ucacugaacAccaaaccu	1	1	s 07
u	ucacugaacCccaaaccu	1	1	s 07
u	ucacugaacuccGaaccu	1	1	s 07
u	Ccacugaacuccaaaccu	2	1	s 07
u	uucacugaacuccaaacAu	4	1	s07
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u	ucacugaacuccaaGccu	2	1	s07
u	uucacugaacuccaaaccC	39	1	s07
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u	ucacugaacuccaaaccu	105	0	s07
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u	ucacugaacuccaaaccuU	14	1	s07
u	ucacCgaacuccaaaccug	1	1	s 07
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c	ucacugaacuccaaaccug	2	1	s07
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	ucacugaacuccaaaGcug	1	1	s07
	ucacugaacuccGaaccug	2	1	s07
	ucacugaacuccaaaccug	228	0	s07
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uca	acugaacuccaaaccugG	1	1	s07
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	uucacugaacuccaaaccugU	6	1	s 09
	uucacugaacuccaaaccugC	1	1	s09
	uucacugaacuccaaaccGga	4	1	s09
	uucacugaacuccaaacUuga	1	1	s09
		2	1	s09
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	uucacugaacuccaaaccugau	5	0	s09
	uucacugaacuccaaaccugauC	2	1	s 09
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	acugaacuccaaacGugauu	2	1	s 09
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a	uucacugaacuccaaaccu	11	0	s03
	uucacugaCcuccaaaccug	1	1	s03
	uucacugaacuccaaaccuA	3	1	s03
	uucacugaacuccaaaccug	22	0	s03
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auucacugaacu		1 2	0	s15 s15
auucacugaacu	ccaaaccug	3	0	s15
	ccaaaccuC	1	1	s15
	ccaaGccuga	2	1	s15
auucacugaacu		3	1	s15
auucacugaacu		7	0	s15
auucacugaacu	ccaaaccugau	5	0	s15
auucacugaacu	ccaaaccugauu	1	0	s15
auucacugaacu	ccaaaccugauA	1	1	s 15
uucacugaacu	ccaaacc	2	0	s15
uucacugaGcu	ccaaaccu	1	1	s15
uucacugaacu	ccaaacUu	1	1	s 15
uucacugaacu	ccaaaccug	1	0	ສ15
uucacugaacu	ccaaaccuga	2	0	s15
uucacugaacu	ccaaGccuga	1	1	s 15
	ccaaaccugau	2	0	s 15
ucacugaacu		1	0	s 15
	ccaaaccugaAu	1	0	s15
ucacugaacu		2 1	1	s15 s15
acugaacu	ccaaaccugauuA	1	1	s15
		3	0	s15
		5	·	525
aaaguuugcgacaaggaauc		1	0	s02
ucCuguuuggaguucuau		1	1	s02
······ucuuguuuggaguucuauu		2	0	s02
AauuucuuguuuggaguucAauu		1	1	s02
ucuuguuuggaguucuauuga		2	0	s02
guuguuuggaguucuauugauu		5	0	s02
ucuuguuuggaguucuauugauC		2	1	s02
guuuguuuggaguucuauGgauuu		1	1	s02
ucuuguuuggaguucuauugauuu		1	0	s02
ucuuguuuggaguucuauugauuua		1	0	s02
cuuguuuggaguucuauugauu		5	0	s02
		3	1	s02
		4 6	0	s02 s02
cuuguuuggaguucuauugauuu		5	0	s02
cuuguuuggaguucuauugauuuaC		1	1	s02
uguuuggaguucuauuA		1	1	s02
uguuuggaguucuauug		18	0	s02
guuuggaguucuauugG		1	1	s02
auguuuggaguucuauuga		29	0	s02
		1	1	s02
uuguuuggaguuGuauuga		1	1	s02
UuguuuggaguucuauugU		6	1	s02
guuuggGguucuauugau		3	1	s02
uuguuuggaguucuauugau		74	0	s02
uuguuuggaguucuauugaC		7	1	s02
guuuggaguucuauCgau		3	1	s02
uuguuuggaguucAauugau		1	1	s02
uugCuuggaguucuauugau		1	1	s02
uguuuggaguucuauugaA		5	1	s02
uuguuuggaguucuaCugauuuguuuggaguucuaUugGu		1	1	s02 s02
Auguuuggaguucuauugau		1	1	s02
uguuuggaguucuGuugauu		1	1	s02
uuguuuggaguucuauugaGu		3	1	s02
		1	1	s02
uuguAuggaguucuauugauu		1	1	s02
uguuuggaguucuauugauA		19	1	s02
uuguuugUaguucuauugauu		1	1	s02
uuguuuggaguucuauugauG		3	1	s02
uuguuuggaguucuauugauu		184	0	s02
uuguuCggaguucuauugauu		2	1	s02
uuguuuggaguucuauugaAu		1	1	s02
uuguuuAgaguucuauugauu		1	1	s02
uuguuuggaguucuauugaCu		2	1	s02

Star Mature			
aaaguuugcgacaaggaaucuuguuuggaguucuauugauuuauucacuaauucacugaacuccaaaccugauuuccuguuugcuguaggagagaccaucaauggccguuag			
uuguuggaguucuauugauC	24	1	s02
.uuguuuggaguuAuauugauu	1	1	s02
.uuguuugAaguucuauugauu	1	1	s02
uuguuuggaguucuaCugauuu.	4	1	s02
uuguuuggaguCcuauugauuu.	4	1	s02
uuguuuggaAuucuauugauuu	2	1	s02
	1	1	s02
uuguuuAgaguucuauugauuu			
uuguuuggagGucuauugauuu	1	1	s02
uuguuuggUguucuauugauuu.	1	1	s02
guuuggaguucuauAgauuu.	1	1	s02
guuuggaguucuauugauuG	2	1	s02
Guguuuggaguucuauugauuu	2	1	s02
uguuCggaguucuauugauuu	2	1	s02
uuguuuggaguucuauCgauuu	3	1	s02
uuguuuggaguucuauugauCu.	3	1	s02
uuguuuggaUuucuauugauuu	1	1	s02
uuguuGggaguucuauugauuu.	1	1	s02
uuguGuggaguucuauugauuu.	1	1	s02
.uugGuuggaguucuauugauuu	1	1	s02
.uuguuuggaguucuGuugauuu.	1	1	s02
.uuguuuggaguucGauugauuu	1	1	s02
.uuguuuggGguucuauugauuu.	1	1	s02
uuguuuggaguucuauugaGuu	1	1	s02
uuguuuggaguucuauugauuC	84	1	s02
uuguuuggaguGcuauugauuu	1	1	s02
Cuguuuggaguucuauugauuu.	1	1	s02
.uGguuuggaguucuauugauuu.	1	1	s02
.uuguuuggaguucuauugauGu	4	1	s02
.uuguuuggagAucuauugauuu	1	1	s02
.uuguuuggaguucuauugauAu	1	1	s02
uuguuuggaguucuaGugauuu.	1	1	s02
	754	0	s02
	1	1	s02
uuguuAggaguucuauugauuu			
uuguuuggaguucuauugauuA.	13	1	s02
gAuuggaguucuauugauuu.	1	1	s02
.uuguuuggaguucuauugUuuu	1	1	s02
uuguCuggaguucuauugauuu	3	1	s02
.uuguuugCaguucuauugauuu	1	1	s02
uCguuuggaguucuauugauuu	3	1	s02
.uuguuuggaguucuauugauuGa	1	1	s02
Cuguuuggaguucuauugauuua	1	1	s02
Auguuuggaguucuauugauuua	5	1	s02
	3	1	s02
uuguuuggaguucuauCgauuua	4	1	s02
uuguuuggaguucuauuCauuua	1	1	s02
uuguuuggGguucuauugauuua	1	1	s02
.uuguuuggaguucGauugauuua	1	1	s02
uuguuggaguucuGuugauuua	1	1	s02
uguuuggaguucuauugauuuC	2	1	s02
uuguuuggaguucuauugauuuU.	31	1	s02
	1	1	s02
uguuuggaguucuauuUauuua	1	1	s02
uuguuuggaguucuauugauCua	1	1	s02
uuguuuggaguucuauugauuua	259	0	s02
.uuguuuggaguucuaCugauuua	1	1	s02
Guguuuggaguucuauugauuua	1	1	s02
.uugAuuggaguucuauugauuuau	1	1	s02
Guguuuggaguucuauugauuuau.	1	1	s02
uguuCggaguucuauugauuuau	1	1	s02
uuguuuggaguucuauugauuAau	3	1	s02
uuguuuggaguucuauugauuuaC	14	1	s02
uuguuuggagCucuauugauuuau	1	1	s02
uCguuuggaguucuauugauuuau	1	1	s02
.uuguuuggaguuAuauugauuuau	1	1	s02
uguuuggaguucuauugauuuau	265	0	s02
uuguuggaguucuauugu	10	1	s02
uuguuuggaguucuaGugauuuau	1	1	s02
uguuuggaguucuauugauGuau	1	1	s02
uuguuuggaguucuauugauuuaG	3	1	s02
	1	1	s02
- 2			

DCAI MACUIE			
aaaguuugcgacaaggaaucuuguuuggaguucuauugauuuauucacuaauucacugaacuccaaaccugauuuccuguuugcuguaggagagaccaucaauggccguuag	1	1	s02
	1	1	s02 s02
Auguuuggaguucuauugauuuau	2	1	s02
uuguuuggaguucuauugauuuaA	11	1	s02
uuguuuggaguucuauugGuuuau	4	1	s02
uuguuuggaguucuauugauCuau	1	1	s02
guuuggaguucuaGugauuuauu	1	1	s02
uuguuuggaguucuauugauuuauu	29	0	s02
uuguuuggaguucuauugauuuauA	9	1	s02
.uuguuuggaguucuauugauuuaAu	24	1	s02
.uuguuuggagCucuauugauuuauu	1	1	s02
uuguuuggaguucuauugauuuauC	4	1	s02
.uguuuggaguucuauugauu	1	0	s02
.uguuuggaguucuauugauuC	4	1	s02
.uguuuggaguucuauugauuu.	7	0	s02
.ugCuuggaguucuauugauuu.	1	1	s02
.uguuuggaguucuauugUuuu.	1	1	s02
uguuuggaguucuauugauuuau	1	0	s02
	1	1	s02
	2	0	s02
auucacugaacuccaaaU	1	1	s02
auucacugaacuccaaac	3	0	s02
auucacugaacuccaaacA	98	1	s02 s02
	1	1	
auucacugaacGccaaacc			s02
auucacugaacuccaaacG	4	1	s02
auucacugaacuUcaaacc	2	1	s02
auucacugaacucGaaacc	1	1	s02
auucacCgaacuccaaacc.	4	1	s02
auucacugaCcuccaaacc.	1	1	s02
auucacugaacuccaGacc.	3	1	s02
Guucacugaacuccaaacc	1	1	s02
auucacugaacCccaaacc	1	1	s02
auucacugaacuccGaacc	1	1	s02
aGucacugaacuccaaacc	1	1	s02
aCucacugaacuccaaacc	1	1	s02
auucacugaacuccaaacc	216	0	s02
auucacugaacuccaaacU	95	1	s02
auucGcugaacuccaaaccu	4	1	s02
auucacuCaacuccaaaccu	2	1	s02
auucacugaacuccaGaccu	6	1	s02
auucacugaacucUaaaccu	1	1	s02
auucacugaacucGaaaccu	1	1	s02
auucacugaacuccaaaccC	48	1	s02
Cuucacugaacuccaaaccu.	1	1	s02
auucacuAaacuccaaaccu.	1	1	s02
auucacugaacuccaaacUu	5	1	s02
auucacugaCcuccaaaccu	2	1	s02
auucacugaacuccaaacAu	4	1	s02
auucacugaacCccaaaccu	2	1	s02
auucacugaacuccaaGccu	3	1	s02
auucacGgaacuccaaaccu	2	1	s02
auucacugaacuccaaaccu	264	0	s02
	2	1	s02
auucacugaacuccaaacGu	1	1	s02
auucacugaacuccaaaccuU	36	1	s02
auucacugaacuccaaaccag	2	1	s02
auucCcugaacuccaaaccug	1	1	s02 s02
	3	1	s02
auCcacugaacuccaaaccug			
auucacuAaacuccaaaccug	1	1	s02
auucacGgaacuccaaaccug	1	1	s02
auAcacugaacuccaaaccug	2	1	s02
auucacugaGcuccaaaccug	5	1	s02
auucacCgaacuccaaaccug	5	1	s02
auucacugaaUuccaaaccug	1	1	s02
aCucacugaacuccaaaccug	3	1	s02
auucacugaacuccaGaccug	8	1	s02
Guucacugaacuccaaaccug	3	1	s02
auucacugaacuccaaaccuC	11	1	s02
auucacugaacuccaaaccGg	2	1	s02
auucacugaacuccaaaccug	736	0	s02

Star Mature				
aaaguuugcgacaaggaaucuuguuuggaguucuauugauuuauucacuaauucacugaacuccaaaccugauuuccuguuugcugua	ggagagaccaucaauggccguuag			
auucacugaacuccaaaccuA		68	1	s02
auuUacugaacuccaaaccug		2	1	s02
auucGcugaacuccaaaccug		1	1	s02
auucacugaacuccUaaccug		2	1	s02
auucacuCaacuccaaaccug		1	1	s02
auucacugaacuccaaaccCg		3	1	s02
auucacugaacucAaaaccug		2	1	s02
auucacugaacucaaactugauucacugaacuccaaactug		1	1	s02
auucacugaacuccaaGccug	• • • • • • • • • • • • • • • • • • • •	5	1	s02
auucacugaacuccGaaccug	• • • • • • • • • • • • • • • • • • • •	6	1	s02
auucacugaacCccaaaccug		3	1	s02
auucacugaacucGaaaccug	• • • • • • • • • • • • • • • • • • • •	1	1	s02
auucGcugaacuccaaaccuga		13	1	s02
auucacugaacuccaaCccuga		1	1	s02
auucacugaacucUaaaccuga		3	1	s02
auucacugaacuUcaaaccuga		4	1	s02
auucacugaacuccaaaccugU		269	1	s02
auucacugaacuccGaaccuga		17	1	s02
auucacugaacucAaaaccuga		5	1	s02
auucacugaacuccUaaccuga.		2	1	s02
· · · · · · · · · · · · · · · · · · ·				
auucacAgaacuccaaaccuga	• • • • • • • • • • • • • • • • • • • •	1	1	s02
auucacugaacuccaaGccuga		20	1	s02
auucaAugaacuccaaaccuga	• • • • • • • • • • • • • • • • • • • •	1	1	s02
aAucacugaacuccaaaccuga	• • • • • • • • • • • • • • • • • • • •	1	1	s02
auucacugaUcuccaaaccuga		1	1	s02
auucacugaacuccCaaccuga		2	1	s02
auucacugaacucGaaaccuga		4	1	s02
auucacugaacGccaaaccuga		4	1	s02
auucacugaacuccaaaccuAa		5	1	s02
auucacugaacuccaaUccuga		1	1	s02
		2734	0	s02
auucacugaacuccaaaccuga				
auucacugaGcuccaaaccuga	• • • • • • • • • • • • • • • • • • • •	9	1	s02
aCucacugaacuccaaaccuga	• • • • • • • • • • • • • • • • • • • •	12	1	s02
auucCcugaacuccaaaccuga	• • • • • • • • • • • • • • • • • • • •	1	1	s02
auucacugaacuccaaacUuga	• • • • • • • • • • • • • • • • • • • •	1	1	s02
auucacugaaUuccaaaccuga	• • • • • • • • • • • • • • • • • • • •	2	1	s02
auucacugaacuccaaaccuCa		1	1	s02
Cuucacugaacuccaaaccuga		6	1	s02
auuUacugaacuccaaaccuga		2	1	s02
auucacugaacuccaaaccGga		51	1	s02
aGucacugaacuccaaaccuga		5	1	s02
auucacuCaacuccaaaccuga		1	1	s02
		1	1	s02
auucacGgaacuccaaaccuga				
auucacugaacuccaCaccuga		2	1	s02
auCcacugaacuccaaaccuga		12	1	s02
auucacugaacuccaaaccAga		4	1	s02
auucacugaacuccaaaGcuga	•••••	2	1	s02
auuAacugaacuccaaaccuga		2	1	s02
auucacugUacuccaaaccuga		1	1	s02
auucacugaacuAcaaaccuga		5	1	s02
auucacugaacuccaaaccugC		32	1	s02
auucacugaacuccaaaccCga		5	1	s02
auucacCgaacuccaaaccuga		9	1	s02
auucacugaacuccaaaccugG		50	1	s02
auucacugaacCccaaaccuga		10	1	s02
auucacugaacuccaUaccuga		2	1	s02
auucacugaacuccaaaccuUa		8	1	s02
auucacuAaacuccaaaccuga		1	1	s02
auucacugaacuccaGaccuga	•••••	8	1	s02
auAcacugaacuccaaaccuga	•••••	8	1	s02
auucacugaacuccaaaAcuga		1	1	s02
Uuucacugaacuccaaaccuga		4	1	s02
Guucacugaacuccaaaccuga		7	1	s02
auucacugaacuccaaacGuga		4	1	s02
auucacugaacuccaaaccugau		1017	0	s02
auucaCugaacuccaaaccugauauucaUugaacuccaaaccugau		1	1	s02
		3	1	s02 s02
auucacugaacuccaaaccuUau				
auucacCgaacuccaaaccugau		7	1	s02
auucacGgaacuccaaaccugau		1	1	s02
auucacugaacuGcaaaccugau	•••••	2	1	s02

Star Mature				
aaaguuugcgacaaggaaucuuguuuggaguucuauugauuuauucacuaauucacugaacuccaaaccugauuuccuguuugcugu	aggagagaccaucaauggccguuag			
auucacugaGcuccaaaccugau		7	1	s02
auucacugaacuccaaaccugaG		4	1	s02
auucacugaacuccUaaccugau		1	1	s02
auucacugaacuccaGaccugau		6	1	s02
auucacugaacuccaaaccuAau		1	1	s02
auucacugaacuccaaGccugau	• • • • • • • • • • • • • • • • • • • •	5	1	s02
auucacugaacuccaaaccGgau	• • • • • • • • • • • • • • • • • • • •	6	1	s02
auucacAgaacuccaaaccugau	•••••	1	1	s02
Cuucacugaacuccaaaccugau		2	1	s02
auucacugaacuccaaaccugaA		37	1	s02
auucacuCaacuccaaaccugau		1	1	s02
auucacuAaacuccaaaccugau		1	1	s02
		2	1	s02
Guucacugaacuccaaaccugau				
auucacugaacucAaaaccugau		1	1	s02
auucacugaacucGaaaccugau	• • • • • • • • • • • • • • • • • • • •	1	1	s02
auucacugaacuccGaaccugau	•••••	4	1	s02
auucGcugaacuccaaaccugau	• • • • • • • • • • • • • • • • • • • •	1	1	s02
auucacugaacuccaaaccugGu		28	1	s02
aCucacugaacuccaaaccugau		5	1	s02
auucacugaacuccaaaUcugau		1	1	s02
auucacugaacuccaaaAcugau		1	1	s02
auucacugaacuccaaaccugaC		121	1	s02
auucacugaacuccaUaccugau		1	1	s02
auAcacugaacuccaaaccugau	• • • • • • • • • • • • • • • • • • • •	2	1	s02
auGcacugaacuccaaaccugau	• • • • • • • • • • • • • • • • • • • •	1	1	s02
auCcacugaacuccaaaccugau	•••••	4	1	s02
auucaAugaacuccaaaccugau	•••••	1	1	s02
auucacugaacuccaaaccugUu		12	1	s02
auucacugaacCccaaaccugau		4	1	s02
auucacugaacucUaaaccugau		1	1	s02
auucacugaCcuccaaaccugau		1	1	s02
auucacugaacucGaaaccugauu		1	1	s02
auucacugaacuccaaaccugGuu		1	1	s02
auucacugaCcuccaaaccugauu		1	1	s02
auucacugaacuccaaaccugCuu		1	1	s02
auGcacugaacuccaaaccugauu		1	1	s02
		1	1	s02
auucacCgaacuccaaaccugauu				
auucacugaacuccaaaccugauu	•••••	291	0	s02
auucacugaacuccGaaccugauu	• • • • • • • • • • • • • • • • • • • •	4	1	s02
auucacugaacuccaaaccugUuu		1	1	s02
auucacugaacuccaaaccugauC	• • • • • • • • • • • • • • • • • • • •	27	1	s02
auucacugaacuccaaaccugauA		131	1	s02
auucacugaacuccaaaccugaAu	•••••	15	1	s02
aCucacugaacuccaaaccugauu	•••••	7	1	s02
auucacugaacuccaaaccugaGu	• • • • • • • • • • • • • • • • • • • •	4	1	s02
auucacugaacuccaaaccugaCu	• • • • • • • • • • • • • • • • • • • •	2	1	s02
Cuucacugaacuccaaaccugauu		1	1	s02
auucacugaacuAcaaaccugauu		2	1	s02
auucGcugaacuccaaaccugauu		1	1	s02
auucacugaacuccaaaccugauG		4	1	s02
auucacugaGcuccaaaccugauu		1	1	s02
auucacugaacuccaaaccCgauu		1	1	s02
aGucacugaacuccaaaccugauuu		1	1	s02
auucacugaacuccaaaccCgauuu	• • • • • • • • • • • • • • • • • • • •	1	1	s02
auucacugaacuccaaaccugaAuu		1	1	s02
auucacugaacuccaaaccugauAu	•••••	2	1	s02
auucacugaacuccaaaccugauGu	•••••	2	1	s02
auucacugaacuccaaaccugauuu	•••••	17	0	s02
auucacugaacuccaaaccugauuG	• • • • • • • • • • • • • • • • • • • •	3	1	s02
auucacugaacuccaaaccugauuA		17	1	s02
auucacugaacuccaaaccugauuuU		1	1	s02
auucacugaacuccaaaccugauuAc		5	1	s02
Cucacugaacuccaaacc		2	1	s02
Aucacugaacuccaaacc		1	1	s02
uucacugaacuccaaacU		52	1	s02
uAcacugaacuccaaacc		1	1	s02
uucacugaacuccaaacA		18	1	s02
		1	1	s02
		1	1	s02
		1	1	s02
uucacugaacuccCaacc	•••••	-	-	5U2

DCa1 Macure				
aaaguuugcgacaaggaaucuuguuuggaguucuauugauuuauucacuaauucacugaacuccaaaccugauuuccuguuugcu				0.0
uucacugaacuccaaGcc		1	1	s02
uucacugaacuccaaacc		98	0	s02
uucGcugaacuccaaacc		3	1	s02
uAcacugaacuccaaaccu	• • • • • • • • • • • • • • • • • • • •	2	1	s02
uucacugaacuccGaaccu	• • • • • • • • • • • • • • • • • • • •	1	1	s02
uucaUugaacuccaaaccu		1	1	s02
uucacugaGcuccaaaccu	• • • • • • • • • • • • • • • • • • • •	2	1	s02
uucacugaacuccaaaccC	• • • • • • • • • • • • • • • • • • • •	128	1	s02
uucacugaacuccUaaccu		6	1	s02
uucacugaacuccaGaccu		5	1	s02
Cucacugaacuccaaaccu		4	1	s02
uucacugaacuUcaaaccu		1	1	s02
Aucacugaacuccaaaccu		1	1	s02
uucacugaaUuccaaaccu		1	1	s02
uucacugaacuccaaaccu		723	0	s02
uucacugaacuccaaacAu		1	1	s02
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uucacCgaacuccaaaccu		3	1	s02
		1	1	s02
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uucacugaacCccaaaccug		1	1	s02
uucacugaacuUcaaaccug		1	1	s02
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Aucacugaacuccaaaccug		2	1	s02
uucacugaacuccaaGccug		1	1	s02
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uucacugaacuccaGaccug		2	1	s02
uucacugaacucAaaaccug		1	1	s02
uucacugUacuccaaaccug	• • • • • • • • • • • • • • • • • • • •	1	1	s02
uucacugaacuccaaaccug	• • • • • • • • • • • • • • • • • • • •	518	0	s02
uucacugaacGccaaaccug	• • • • • • • • • • • • • • • • • • • •	1	1	s02
uucacugaacuccaaaccGg	• • • • • • • • • • • • • • • • • • • •	9	1	s02
uucCcugaacuccaaaccug		1	1	s02
Gucacugaacuccaaaccug		1	1	s02
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uucacugaacuccaaaccCg		2	1	s02
uucacugaacuccaaaccuA	•••••	72	1	s02
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Gucacugaacuccaaaccuga		2	1	s02
Aucacugaacuccaaaccuga		2	1	s02
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uucacugaacuccaaaccGga		18	1	s02
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Star Matu	ire			
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uucacu	Naacuccaaaccuga	1	1	s02
uucacuç	yUacuccaaaccuga	1	1	s02
uuAacuç	gaacuccaaaccuga	1	1	s02
uucacu	gaacuccaaaGcuga	2	1	s02
	gaacuccaaaccugU	96	1	s02
	gaacuccaaaccugG	24	1	s02
uucacuç		1	1	s02
uucacuç	·	5	1	s02
	gaacuccaaaAcuga	1	1	s02
uucacug	gaacuccaaUccuga	1	1	s02
uucacuç	gaacuccaaGccuga	1	1	s02
uucacug	gaacuccaaacUuga	1	1	s02
uucacuq	gaacCccaaaccuga	3	1	s02
uucacuç	gaacuccUaaccuga	1	1	s02
uucacG	gaacuccaaaccuga	1	1	s02
uucacug		1	1	s02
uucacu0		1	1	s02
	gaacuccaaaccuga	1	1	s02
		2	1	s02
uucacug				
	gaacuccaaaccuAa	3	1	s02
uucacuç	gaGcuccaaaccuga	4	1	s02
	gaacuccaaaccuga	8	1	s02
uuGacuç	gaacuccaaaccuga	1	1	s02
uucacuç	gaacuccaaaccCgau	2	1	s02
uCcacuq	gaacuccaaaccugau	2	1	s02
uucacuç	gaGcuccaaaccugau	5	1	s02
Cucacuç	gaacuccaaaccugau	4	1	s02
uucacuç	gaacuccaaaccugaA	22	1	s02
	gaacuccaaGccugau	9	1	s02
	gaacuccaaaccugau	3	1	s02
		6	1	s02
	gaacCccaaaccugau			
	gaacuccaaaccugUu	1	1	s02
	gaacuccaaaGcugau	1	1	s02
	gaacuccaaaccugau	2	1	s02
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uucacuç	yaacuccaaaccuAau	2	1	s02
uucacuç	gaacuccaaaccAgau	2	1	s02
uucacuq	gaacuccCaaccugau	2	1	s02
uucacuç	yaacuccaaaccugGu	14	1	s02
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		2		
	gaacuccaaaccugaC	121	1	s02
	gaacuccaaaccugau	1	1	s02
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uucacuç	gaacuccaaaccugau	735	0	s02
Aucacus	gaacuccaaaccugau	1	1	s02
uucacuq	gCacuccaaaccugau	1	1	s02
uucacuç	gaacuccaaaUcugau	1	1	s02
uucacuç	gaacuccaaacUugauu	2	1	s02
uucGcu	gaacuccaaaccugauu	2	1	s02
	gaacuccaaaccugCuu	2	1	s02
	gCacuccaaaccugauu	1	1	s02
	gaacuccaaaccugaCu	2	1	s02
	gaacuccaaaccugaAu	2	1	s02
	gaacuccaaaccugauu	1	1	s02
	gaGcuccaaaccugauu	5	1	s02
uucacug	gaacCccaaaccugauu	3	1	s02
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uucacuç	gaaAuccaaaccugauu	1	1	s02
uucacuç	gaacuccaUaccugauu	1	1	s02
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uucacus	gaacuccaaaccugGuu	2	1	s02
	Jaacuccaaaccugauu	1	1	s02
	gaacuccaaaccugauC	38	1	s02
	gaacuccaaaccugauugaacuccaaaccugauu	5	1	s02
		1	1	s02
uucacug	gaCcuccaaaccugauu	-	-	5U2

Star	mature			
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	.uucacugaacuccaaaccCgauu	1	1	s02
	.uucacugaacuccaGaccugauu	1	1	s02
	.uucacugaacuccaaaccugauG	6	1	s02
	.uucacugaacuccaaGccugauu	1	1	s02
	.uucacugaacuccGaaccugauu	3	1	s02
	.uucacugaacucGaaaccugauu	1	1	s02
	.uucacugaacuccaaaccugauu	320	0	s02
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	.uucacugaacuccaaaccugauuu	40	0	s02
	.uucacugaacuccaaaccugaAuu	1	1	s02
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	.uucacugaacuccaaaccugaCuu	1	1	s02
	.uucacugaacuccaaaccugauAu	5	1	s02
	ucacugaacuccaaaccu	53	0	s02
	ucacugaacuccaaaccC	7	1	s02
	ucacugaacuccaaacUu	1	1	s02
	ucGcugaacuccaaaccu	1	1	s02
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	ucacugaacuccaUaccu			s02
	ucacugaacuccGaaccu	1	1	s02
	ucacugaGcuccaaaccug	2	1	s02
	ucacugaacuccaaaccuU	4	1	s02
	ucacugaacuccaaaccug	80	0	s02
	ucacugaacuccaaaccuA	13	1	s02
	ucacCgaacuccaaaccug	1	1	s02
	ucacugaacuccGaaccuga	2	1	s02
	ucacugaGcuccaaaccuga	1	1	s02
	ucUcugaacuccaaaccuga	1	1	s02
	ucacugaacuccaaaccugU	9	1	s02
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	ucacugaacuccaUaccuga	1	1	s02
	Ccacugaacuccaaaccuga	1	1	s02
		2	1	s02
	ucacugaacuccaaaccAga			
	ucacugaacGccaaaccuga	1	1	s02
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•••••	ucacugaacuccaaaccGga	3	1	s02
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	ucacugaacuccaaaccugC	1	1	s02
	Acacugaacuccaaaccuga	1	1	s02
	ucacugaacuccaaaccugG	1	1	s02
	ucacugaGcuccaaaccugau	3	1	s02
	ucacugaacuccaaaccugUu	1	1	s02
	ucacugaacuccaaaccugaA	2	1	s02
	ucacGgaacuccaaaccugau	1	1	s02
	ucacugaacuccaaaccugCu	1	1	s02
	ucacugaacuccaaGccugau	1	1	s02
	ucacugaacuccaaaccugaG	1	1	s02
	ucacugaacuccaGaccugau	2	1	s02
	ucacugaacuccaaaccugau	70	0	s02
	ucacugaacuccaaaccugGu	2	1	s02
	ucacugaacuccaaaccugaC	6	1	s02
	ucacugaacuccaaaccugauu	28	0	s02
	ucacugaacuccaaaccugauC	4	1	s02
	ucacugaacuccGaaccugauu	1	1	s02
	ucacugaacuccaaaccugUuu	3	1	s02
	Ccacugaacuccaaaccugauu	1	1	s02
	ucacugaacCccaaaccugauu	1	1	s02
	ucacugaacuccaaaccugauA	34	1	s02
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	ucacugaacuccaaaccugaGu	2	1	s02
	ucacugaacuccaaaccugauuu	1	0	s02
	ucacugaacuccaaaccugCuuu	1	1	s02 s02
		1	1	s02 s02
	ucacugaacuccaaaccugauuA			
	cacugaacuccaaaccuU	1	1	s02
	cacugaacuccaaaccug	4	0	s02
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btar Mature				
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	aaaccugau	1	1	s02
	aaaccugau	1	1	s02
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	aaaccugauA	5	1	s02
		1	1	s02
		3	0	s02
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acugaacucc	aaacGugau	1	1	s02
acCgaacucc	aaaccugauu	2	1	s02
acugaacucc	aaaAcugauu	1	1	s02
	aaaccugauu	1	1	s02
	aaaccugauu	1	1	s02
			1	s02
	aaaccugauu	1		
acugaacCcc		1	1	s02
	aaaccugaGu	3	1	s02
acugaacucc	aCaccugauu	1	1	s02
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	aGaccugauu	1	1	s02
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cugaacucc	aaaccugauuu	1	0	s02
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ucc	aaaccugauuuccugu	3	0	s02
ucc	aaaccugauuuccuguuA	2	1	s02
	uccuguuugcuguaggaga	1	0	s02
aguuugcgacaGggaauc		1	1	s11
auguuuggaguucuauugauu		2	0	s11
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uuguuuggaguucuauugauuua		3	0	s11
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Star M	lature			
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au	ucacugaacuccaaaccuC	1	1	s11
au	uucacugaacuccaaaccuA	1	1	s11
au	uucacugaacuccaaaccug	4	0	s11
au	ucacugaacuccaaaccuU	1	1	s11
	ucacugaacuccaaaccuga	25	0	s11
		1	1	s11
	uucacugaacuccaaaccugG			
	uucacugaacCccaaaccuga	1	1	s11
au	ucacugaacuccaaaccugC	2	1	s11
au	ucacugaacuccUaaccuga	1	1	s11
au	uucacugaGcuccaaaccuga	1	1	s11
au	uucacugaacuccGaaccuga	1	1	s11
au	ucacugaacuccaaaccugU	1	1	s11
au	uucacugaacuccaaaccugaC	1	1	s11
au	uucacugaacuccaaaccugau	8	0	s11
	uucacugaacuccaaaccugauC	1	1	s11
	ucacugaacuccaaaccugauA	1	1	s11
	ucacugaacuccaaaccugauu	2	0	s11
	uucacugaacuccaaacc	1	0	s11
u	ucacugaacuccaaaccuga	2	0	s11
u	ucacugaacuccaaaccugau	2	0	s11
u	ucacugaacuccaaaccugauu	2	0	s11
u	uucacugaacuccaaaccugauA	1	1	s11
	ucacugaacuccaaaGcug	1	1	s11
	acugaacuccaaaccuga	1	0	s11
	acugaacuccaaaccugau	1	0	s11
	acCgaacuccaaaccugauu	1	1	s11
	acugaacuccaaaccugauu	3	0	s11
		1	1	s11
	acugaacuccaaaccugaAu			
•••••	acugaacuccaaaccugauuuc	4	0	s11
uuguuuggaguucuauuA		1	1	ສ05
uuguuuggaguucuauug		1	0	s 05
uuguuuggaguucuauuAa		1	1	ສ05
guuuggaguucuauuga		2	0	s 05
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guuuggaguucuauugaC		4	1	s 05
AuguuuggaguucuaAugau		1	1	s05
uuAuuuggaguucuauugauu		1	1	ສ05
uuguuuggaguucuauugauC		14	1	s05
		1	1	s05
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uCguuuggaguucuauugauu		1	1	s 05
AuguuuggaguucuaAugauu		1	1	ສ05
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uuguuuggaguucuauugauuC		11	1	s 05
GuguuuggaguucuaGugauuu		1	1	ສ05
uuguuuggaguucuauugauuA		2	1	s 05
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uuguuuggaguucuauugaCuu		1	1	s 05
		53	0	s05
		1	1	s05
		1	1	s05
		2	1	s05
		45	0	s 05
uuguuuggaguucuauugauuuU		4	1	ສ05
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GuuduuggaguucuauugGuuuau		1	1	s 05
uuguuuggaguucuauugauuuaC		6	1	s 05
		1	1	s 05
		1	1	s 05
		2	1	s05
		1	1	s05
		5	0	s05
		2	0	s05
		6	1	ສ05
	ucacugaacuccaaac	1	0	ສ05
au	ucacugaacuccaaacU	5	1	ສ05
au	uucacugaacuccaaacA	5	1	ສ05
au	uucacugaacuccaaacc	9	0	s 05
au	uucacugaacuccaaacG	1	1	ສ05

DCAI MAC	ure			
	ugaacuccaaaccugauuuccuguuugcuguaggagagaccaucaauggccguuag			-05
	Ggaacuccaaacc	1	1	s05
auucac		1	1	s 05
	ugaacuccaaaccu	19	0	ສ05
auucac	ugaacuccaaGccu	1	1	ສ05
auucac	ugaacuccaaaccug	103	0	ສ05
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auucac	ugaacuUcaaaccug	1	1	s 05
auucac	ugaacuccaaaAcug	1	1	s 05
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	ugaacuccaaaccug	2	1	ສ05
Guucac	ugaacuccaaaccuga	1	1	s 05
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auCcac	ugaacuccaaaccuga	3	1	s 05
	ugaacuccaaaccugG	5	1	s 05
	ugaacuccaaaccugC	1	1	s 05
	ugaacuccaaaccuga	1	1	s 05
	ugaacuAcaaaccuga	1	1	s05
	Agaacuccaaaccuga	1	1	s05
	ugaacuccGaaccuga	3	1	s05
	ugaacuccaaaccGga	1	1	s05
		26	1	s05
	ugaacuccaaaccugU			
	ugaacuccaUaccuga	1	1	s05
	ugaacuccaaaccuga	3	1	s05
	ugaacuccaaaccuga	1	1	s 05
	ugaacuccaaGccuga	2	1	s 05
	ugaacuccaaaccCga	1	1	ສ05
	ugaacuccaaaccugau	2	1	ສ05
	ugaacuccaaaccugau	1	1	ສ05
	Ggaacuccaaaccugau	1	1	ສ05
	ugaacuccaaaccugUu	1	1	ສ05
	Agaacuccaaaccugau	2	1	ສ05
	ugaacuccaaaccugGu	2	1	ສ05
	ugaacuccaaaccugau	1	1	ສ05
	ugaacuccaaaccugau	108	0	ສ05
	ugaacuccaaaccugaA	2	1	ສ05
auucac		1	1	ສ05
auucac	ugaacuccaaaccugaC	14	1	ສ05
auucac	ugaacuccaaaccugCu	1	1	ສ05
auucac	ugaGcuccaaaccugau	1	1	s 05
auucCo	ugaacuccaaaccugau	1	1	s 05
auucac	ugaacuccaCaccugau	1	1	ສ05
auucac	ugaacuccaaaccugaG	3	1	ສ05
auucac	ugaacuccaaGccugau	4	1	ສ05
auucac	ugaacuccaaaccugauA	5	1	ສ05
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auucac	ugaacuccaaaccugauC	5	1	ສ05
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auucac	ugaacuccaaaccugauuu	2	0	s 05
auucac	ugaacuccaaaccugauuA	1	1	ສ05
uucac	ugaacuccaaUcc	1	1	ສ05
uucac	ugaacuccaaacU	6	1	ສ05
	ugaacuccaaacc	1	1	ສ05
	ugaacuccaaacc	1	0	ສ05
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	ugaacuccaaaccu	14	0	s05
	ugaacuccaaaccC	2	1	s05
	ugaacuccaaaccuA	6	1	s 05
	ugaacuccaUaccug	1	1	s 05
	ugaacuccaaaccug	45	0	s 05
	ugaacuccaaaccuC	1	1	s 05
	ugaacuccaaaccug	1	1	s 05
	ugaacuccaaaccuU	2	1	s05
	ugaacuccaaaGcuga	1	1	s 05
	ugaGcuccaaaccuga	1	1	s05
	ugaacuccaaaccCga	1	1	s 05

star Mature				
aaaguuugcgacaaggaaucuuguuuggaguucuauugauuuauucacua <mark>auucacugaacuccaaaccugau</mark> uuccuguuugcuguaggagagaccau	caauggccguuag			
uuGacugaacuccaaaccuga		1	1	s 05
uucacugaacuccaaaccuga		25	0	s 05
uucacugaacuUcaaaccuga.		1	1	s 05
uucacugaacuccaaaccugau		23	0	s 05
Aucacugaacuccaaaccugau.		1	1	s 05
uucacugaacuccaaaccugaC		2	1	s 05
uucacugaacuccUaaccugauu		1	1	s05
		2	1	s05
uucacugaacuccaaaccugauC		1	1	s 05
uucacugaacuccaaaccugauu		10	0	s 05
uucacugaacuccaaaccugauA	• • • • • • • • • • • • • • • • • • • •	4	1	s 05
uucacugaacuccaaaccugauuu	• • • • • • • • • • • • • • • • • • • •	3	0	s 05
ucacugaacuccaaaccu		5	0	s 05
ucacugaacuccaaaccC		1	1	s 05
ucacugaacuccaaaccuA		3	1	s 05
ucacugaacuccaaaccug.		5	0	s 05
ucacugaacuccaaaccuU		1	1	s 05
ucacugaacCccaaaccuga		1	1	s05
ucacugaacuccaaaccuga		4	0	s05
		2	0	s05
ucacugaacuccaaaccugau				
ucacugaacuccaaaccugauu		3	0	s 05
cacugaacuccaaaccug.		1	0	s 05
.cacugaacuccaaaccuga	• • • • • • • • • • • • • • • • • • • •	2	0	s 05
acugaacuccaGaccuga	• • • • • • • • • • • • • • • • • • • •	1	1	s 05
acugaacuccaaaccuga		2	0	s 05
acugaacuccaaaccugaG		3	1	s 05
acugaacuccaaaccugau		15	0	s 05
acugaacuccaaaccugaA		1	1	s 05
acugaacCccaaaccugauu		1	1	s05
acugaacuccaaCccugauu		1	1	s 05
acugaacuccaaaccugauu		22	0	s05
		4	1	s05
acugaacuccaaaccugauA				
acugaacuccaaaccugaAu		1	1	s05
acugaacuccaaaccugauC		5	1	ສ05
acugaacuccaaaccugauuA	• • • • • • • • • • • • • • • • • • • •	3	1	s 05
acugaacuccaaaccugauuu	• • • • • • • • • • • • • • • • • • • •	9	0	s 05
acugaacuccaaaccugauuCacugaacuccaaaccugauuC	• • • • • • • • • • • • • • • • • • • •	1	1	s 05
acugaacuccaaaccugauuuc		13	0	s 05
Ccugaacuccaaaccugauuuc		1	1	s 05
acugaacuccaaaccugauuuU		3	1	s 05
cugaacuccaaaccugauuuc.		1	0	s 05
uuguuuggaguucuauuga		1	0	s18
		1	0	s18
	• • • • • • • • • • • • • • • • • • • •			
uuguuuggaguucuauugauuu		1	0	s18
uuguuuggaguucuauugauuC		2	1	s18
uuguuuggaguucuauugauuua		2	0	s18
uuguuuggaguucuauugauuuau	• • • • • • • • • • • • • • • • • • • •	1	0	s18
uuguuuggaguucuauugauuuauu	• • • • • • • • • • • • • • • • • • • •	1	0	s18
auucacugaacuccaaacc		2	0	s18
auucacugaacuccaaacA		1	1	s18
auucacugaacuccaaaccu		2	0	s18
auucacugaacuccaaaccug		10	0	s18
auucacugaacucCaaaccuU.		2	1	s18
auucacugaacuccaaaccuga		27	0	s18
		1	1	
auucacugaacuccaaacUuga				s18
auucacugaacuccaaaccugau		8	0	s18
auucacAgaacuccaaaccugau		1	1	s18
aCucacugaacuccaaaccugau	• • • • • • • • • • • • • • • • • • • •	2	1	s18
auucacugaacuccaaaccugaC	• • • • • • • • • • • • • • • • • • • •	2	1	s18
auucacugaacuccaaaccugauA		2	1	s18
uucacugaacuccaaacc		1	0	s18
uucacugaacuccaaaccC		3	1	s18
uucacugaacuccaaaccug		3	0	s18
uucacugaacuccaaaccuga		6	0	s18
		2	0	s18
		1	1	s18 s18
ucacugaacuccaaaccuA				
acugaacuccaaaccugauu		6	0	s18
acugaacuccaaaccugauA		2	1	s18
acugaacuccaaaccugauuA	• • • • • • • • • • • • • • • • • • • •	4	1	s18

bcar M	acure			
	ucacugaacuccaaaccugauuuccuguuugcuguaggagagaccaucaauggccguuag			
•••••	acugaacuccaaaccugauuuc	1	0	s18
uuguCuggaguucuauugauuu		2	1	s14
Auguuuggaguucuauugauuu		1	1	s14
uuguuuggaguucuauugauuuU		1	1	s14
uuguuuggaguucuauugauuua		8	0	s14
uuguuuggagCucuauugauuuau		1	1	s14
guuCggaguucuauugauuuau		1	1	s14
guuuggaguucuauugauuuau		8	0	s14
		2	1	s14
	ucacugaacuccaaaccu	1	0	s14
		1	1	s14
	ucacugaacuccaaaccug			
	ucacAgaacuccaaaccug	1	1	s14
au	ucacugaacuccaaaccug	2	0	s14
au	ucacugaacuccaaaccuga	23	0	s14
au	ucacugaacuccaaaccGga	1	1	s14
au	ucacugaacuccaaaccugau	13	0	s14
au	ucacugaacuccaaaccugaC	3	1	s14
au	ucacugaacuccaaaccugauu	5	0	s14
au	ucacugaacuccaaaccugauG	1	1	s14
au	ucacugaacuccaaaccugauC	1	1	s14
	ucacugaacCccaaacc	1	1	s14
	ucacugaacuccaaacc	1	0	s14
		1	1	s14
	ucacugaacuccaaaccC			
	ucacugaacuccaaaccug	1	1	s14
u	ucacugaacuccaaaccuU	2	1	s14
u	ucacugaacuccaaGccug	1	1	s14
u	ucacugaacuccaaaccug	3	0	s14
u	ucacugaacuccaaaccuga	2	0	s14
u	ucacugaacuccaaaccugauuA	1	1	s14
	ucacugaacuccaaaccuga	1	0	s14
	ucacugaacuccaaaccugauC	1	1	s14
	acugaacuccaaaccugauu	6	0	s14
	acugaacuccaaaccugauuuc	3	0	s14
	cugaacuccaaaccugauuu	2	0	s14
	cuyaacuccaaaccuyauuu	2	Ü	511
		1	•	-10
	•••••	1	0	s19
	•••••	2	0	s19
guuguuuggaguucuauugauuuauucac	••••••	1	0	s19
uuguuuggaguucuauug		1	0	s19
uuguuuggaguucuauuga		3	0	s19
Aan waxaa wax		1	1	s19
uuguuuggaguucuauugaC		2	1	s19
uuguuuggaguucuauugau		3	0	s19
		2	1	s19
		1	1	s19
		10	0	s19
		7	1	s19
	•••••	1	1	s19
	•••••	1	1	s19
	•••••	53	0	s19
		1	1	s19
uuguuuggaguucuauugauuua		12	0	s19
uuguuuggaguucuauugauuuU		1	1	s19
uuguuuggaguucuauugauGua		1	1	s19
uuguuuggaguucuauugauuuau		11	0	s19
guuuggaguCcuauugauuuau		1	1	s19
		2	1	s19
		1	0	s19
		3	0	s19
		1	0	s19
	ucacugaacu	1	0	s19
	ucacugaacuccaaacc	7	0	s19
au	ucacugaacuccaaacU	3	1	s19
au	ucacugaacuccaaacA	3	1	s19
au	ucacugaacuccaaaccC	5	1	s19
au	ucacugaacuccaaaccu	40	0	s19
aC	ucacugaacuccaaaccu	1	1	s19
au	ucacugaacuccaaaccug	48	0	s19
au	ucacugaacuccaaGccug	3	1	s19

Star Mature				
aaaguuugcgacaaggaaucuuguuuggaguucuauugauuuauucacuaauucacugaacuccaaaccugauuuccuguuugcu	guaggagaccaucaauggccguuag			
auucGcugaacuccaaaccug		1	1	s19
auucacugaacuccaaaccuU		1	1	s19
auucacugaacuccaaaccuA		3	1	s19
auucacugaacucAaaaccuga		2	1	s19
auucacugaacuccaaaccCga		1	1	s19
auucacugaCcuccaaaccuga		1	1	s19
auucacugaacuccaaaccugU	• • • • • • • • • • • • • • • • • • • •	6	1	s19
aCucacugaacuccaaaccuga	• • • • • • • • • • • • • • • • • • • •	1	1	s19
auCcacugaacuccaaaccuga	•••••	1	1	s19
auucacugaacuccaaaccugG		5	1	s19
auucacugaacuccaaaccuga		102	0	s19
auucacugaacuccaaaccGga		2	1	s19
Guucacugaacuccaaaccuga		1	1	s19
auucacugaacuccaaaccugaC		1	1	s19
auucacugaacuccaaaccugaA		1	1	s19
auucacugaacuccaaaccugau		12	0	s19
auucacugaacuccaaaccugauu		1	0	s19
auucacugaacuccaaaccugauuauucacugaacuccaaaccugauk		2	1	s19
auucacugaacuccaaaccugaux		4	1	s19
.uucacugaacuccaaacc			0	s19
		6 22	0	s19
uucacugaacuccaaaccu				
uucacugaacuccaaaccC		4	1	s19
uucacCgaacuccaaaccu		1	1	s19
uucacugaacuccaaaccug		30	0	s19
uucacugaacuccaaaccuU	• • • • • • • • • • • • • • • • • • • •	3	1	s19
uucacugaacuccaaaccuA	• • • • • • • • • • • • • • • • • • • •	2	1	s19
uucacugaacuccaaaccuC	• • • • • • • • • • • • • • • • • • • •	1	1	s19
uucacugaGcuccaaaccuga	•••••	1	1	s19
uucacugaaAuccaaaccuga	• • • • • • • • • • • • • • • • • • • •	1	1	s19
uucacugaacuccaaaccuga	• • • • • • • • • • • • • • • • • • • •	24	0	s19
uucacugaacuccaaaccugG		1	1	s19
uucacugaacuccaaGccuga		1	1	s19
uucacugaacuccaaaccugau		1	0	s19
uucacugaGcuccaaaccugau		1	1	s19
uucacugaacuccaaaccugCu		1	1	s19
uucacugaacuccaaaccugauu		15	0	s19
ucacugaacuccaaaccC		1	1	s19
ucacugaacuccaaaccu		12	0	s19
ucacugaacuccaaaccuA		1	1	s19
ucacugaacuccaaaccug		14	0	s19
ucacugaactecaaccugucacugaactecaaaccug		1	1	s19
ucacugaacuccaUaccuga.	•••••	2	1	s19
· · · · · · · · · · · · · · · · · · ·	•••••			
ucacugaacuccaaaccuga	• • • • • • • • • • • • • • • • • • • •	13	0	s19
ucacugaacuccaaaccugauu		1	0	s19
cacugaacuccaaaccuga		1	0	s19
cacugaacuccaaaccugauu		1	0	s19
cacugaacuccaaaccugauuA	• • • • • • • • • • • • • • • • • • • •	2	1	s19
acugaacuccaaaccuga	• • • • • • • • • • • • • • • • • • • •	2	0	s19
acugaacuccaaacGugau	•••••	1	1	s19
acugaacuccaaacUugau	•••••	1	1	s19
acugaacuccaaaccugau	•••••	3	0	s19
acugaacucUaaaccugauu	• • • • • • • • • • • • • • • • • • • •	1	1	s19
acugaacuccaaacGugauu		1	1	s 19
acugaacuccaaaccugauC		1	1	s19
acugaacuccaaaccugaAu		1	1	s19
acugaacuccaaaccugauu		33	0	s19
acugaacuccaaaccugauA		1	1	s19
acugaacuccaaaccugaAuu		15	1	s19
acugaacuccaaaccugauuC		1	1	s19
acugaacuccaaaccugauuu		13	0	s19
acugaacuccaaaccugauuA		1	1	s19
acugaacuccaaaccugauuuc		2	0	s19
acugaacuccaaaccugauuuU		2	1	s19
ugaacuccaaaccugahu		1	1	s19
		1	1	s19
uyaacuccaaaccuyauun		-	-	223
ucuuguuuggaguucAauuga		5	1	s13
ucuuguuuggaguucAauugaucuuguuuggaguucAauugau		3	1	s13
ucuuguuuggaguucAauugauu		1	1	s13
		1	1	s13
ucuuguuuggaguucAauugauuuauucac	• • • • • • • • • • • • • • • • • • • •	_	_	all

aaaguuugcgacaaggaaucuuguuuggaguucuauugauuuauucacuaauucacugaacuccaaaccugauuuccuguuugcuguaggagagaccaucaauggccguuag			
	1	1	s13
	1	1	s13
	1	1	s13
	7	1	s13
	1	0	s13
	2	0	s13
	5	1	s13
	12	0	s13
	2	1	s13
uuguuuggaguucAauugauuu			
	3	0	s13
uuguuuggaguucAauugauuua	1	1	s13
uuguuuggaguucuauugauuuau	3	0	s13
uuguuuggaguucAauugauuuau	2	1	s13
uuguuuggaguucuauugauuuaAu	6	1	s13
auucacugaacuccaaacA	1	1	s13
auucacugaacuccaaacU.	6	1	s13
auucacugaacuccaaacc.	11	0	s13
auucacugaacuccaaaccC.	3	1	s13
auucacugaacuccaaaccu.	12	0	s13
auucacugaacucUaaaccu.	3	1	s13
auucacugaacuccaCaccu.	2	1	s13
	1	1	s13
auucacugaacCccaaaccug	1	1	s13
auucacugaacuccaaaccug	30	0	s13
auucacugaacuccaaaccuA	3	1	s13
auucacugaacuccaGaccug	1	1	s13
auucacugaacuuU	2	1	s13
auucacugaacucUaaaccug	8	1	s13
auucacugaacuccaaGccug	1	1	s13
auucacugaacuccaaaccuga	91	0	s13
auucacugaacuccaaaccugG	1	1	s13
auucacugaacuccaaaUcuga	1	1	s13
auucacugaacuccaaaccugU	4	1	s13
auucacugaacuccaaaccGga	4	1	s13
auucacGgaacuccaaaccuga	1	1	s13
aGucacugaacuccaaaccuga	1	1	s13
auucacugaacuccaaacUuga	1	1	s13
auucacugaacuceUaaccuga	1	1	s13
auucacugaacucUaaaccuga	3	1	s13
auucacugUacuccaaaccugau	1	1	s13
auucacugaacuccaaaccugaC	1	1	s13
auucacugaacuccaaaccugau	19	0	s13
auucacugaacucUaaaccugau.	4	1	s13
auucacugaacuccaaaccugauu	6	0	s13
auucacugaacuccaaaccugauA	4	1	s13
auucacugaacuccaGaccugauu	1	1	s13
auucacugaacuccaaaccCgauu	1	1	s13
auucacugaacuccaaaccugauuu.	2	0	s13
auGcacugaacuccaaaccugauuu.	1	1	s13
auucacugaacuccaaaccugauuA.	1	1	s13
uucacugaacucUaaacc	2	1	s13
.uucacugaacuccaaacc	11	0	s13
.uucacugaacuccaaacU	3	1	s13
.uucacugaacuccaaacA.	2	1	s13
.uucacugaacuccaaaccC	3	1	s13
.uucacuqaacuccaaaccu	19	0	s13
uucacugaacucUaaaccu	2	1	s13
	1	1	s13
	27	0	s13
	1	1	s13
	2	1	s13
	9	1	s13
	9	1	s13
	1	1	s13 s13
	1	1	s13
uucacugaacuccaaaccGga	2	1	s13 s13
uucacugaacuccaaaccuga	33	0	s13 s13
uucacugaacuccaaaccuga	1	1	s13 s13
	1	1	s13 s13
	1	1	s13 s13
.uucacugaacuccaaaccugU.	-	1	SIJ

ocar macure				
aaaguuugcgacaaggaaucuuguuuggaguucuauugauuuauucacuaauucacugaacuc				
uucacugaacuc		1	1	s13
uucacugaacuc	Uaaaccuga	9	1	s13
uucacugaacuc	caaaccugaC	4	1	s13
uucacugaacuc	caaaccugaA	1	1	s13
uucacugaacuc	Uaaaccugau	2	1	s13
uucacugaacuc	caaaccugau	7	0	s13
uucacugaacuc	caaaccugauu	7	0	s13
uucacugaacuc	caaaccugauA	1	1	s13
uucacugaacuc	caaaccugauuu	1	0	s13
ucacugaacuc	caaaccu	1	0	s13
	Uaaaccu	3	1	s13
ucacugaacuc		10	1	s13
		8	0	s13
ucacugaacuc				
	caaaccuga	2	1	s13
ucacuUaacuc		1	1	s 13
ucacugaacuc	caaaccuga	11	0	s13
ucacugaacuc	Uaaaccuga	6	1	s13
ucacugaacuc	Uaaaccugau	3	1	s13
ucacugaacuc	caaaccugau	2	0	s13
ucacugaacuc	caaaccugaA	2	1	s13
ucacugaacuc	Uaaaccugauu	19	1	s13
ucacugaacuc	caaaccugauu	1	0	s13
ucacugaacuc		1	1	s13
ucacugaacuc		2	1	s13
		5	0	s13
-	•			
acugaacuc		1	1	s13
acugaacuc		5	0	s13
acugaacuc	caaacGugauu	1	1	s13
acugaacuc	caaaGcugauu	2	1	s13
acugaacuc	caaaccCgauu	1	1	s13
acugaacuc	caaaccugauu	137	0	s13
acugaacuc	caaaccugauA	5	1	s13
acugaacuc	caaaccugauG	1	1	s13
acugaacCc		1	1	s13
acugaacuc	caaaccugaGu	4	1	s13
acugaacuc		4	1	s13
acugaacuc		1	1	s13
	caaaccugauuu	9	0	s13
-	•			
acugaacuc		1	1	s13
acugaacuc	caaaccugauuA	9	1	s13
acugaacuc	caaaccugauuuU	1	1	s13
acugaacuc	caaaccugauuuA	3	1	s13
acugaacuc	caaaccugauuuc	9	0	s13
cugaacuc	caaaccugauuuc	1	0	s13
cugaacuc	caaaccugauuuU	1	1	s13
	uuuccuguuugcuguaggagagacc	2	0	s13
ucuuguuuggaguucuauu		1	0	s12
ucuuguuuggaguucuauuU		1	1	s12
ucuuguuuggaguGcuauugauuua		1	1	s12
cuuguuuggaguucuauugauuu		2	0	s12
uuquuuqqaquucuauuq		2	0	s12
uuguuuggaguucuauuga		3	0	s12
GuuuuggaguucuauugGu		1	1	s12
uuguuuggaguucuauugau		4	0	s12
uuguuuggaguucuauugauu		25	0	s12
uuguuuggaguucuauugauC		6	1	s12
guuuggaguucuauugaGu		1	1	s12
uuguuuggaguucuauugauCu		2	1	s12
uuguuuggagCucuauugauuu		2	1	s12
uuguuuggaguucuauugauuC		7	1	s12
uuguuuggaguucuaCugauuu		1	1	s12
uuguuuggaguucuauugauuu		77	0	s12
uCguuuggaguucuauugauuu		1	1	s12
uuguuCggaguucuauugauuu		2	1	s12
uuguuuggaguucuauugaCuua		1	1	s12
uCguuuggaguucuauugauuua		1	1	s12
UuguuuggaguucuauugauuuU		4	1	s12
GuuuuggaguucuauugGuuua		1	1	s12
uuguuuggaguucuauugauuua		44	0	s12

Star Mature			
aaaguuugcgacaaggaaucuuguuuggaguucuauugauuuauucacua <mark>auucacugaacuccaaaccuga</mark> uuuccuguuugcuguaggagagaccaucaauggccguuag			
uuguuuggaguucuauugauuuG	1	1	s12
uugAuuggaguucuauugauuua	1	1	s12
uuguuuggaguucuGuugauuua	1	1	s12
	1	1	s12
	1	1	s12
uuguuuCgaguucuauugauuuau.	1	1	s12
.uuguuuggaguucuauugauuuau.	88	0	s12
uguuuggaguucuauugauuuCu	1	1	s12
uuguuuggaguucuauGgauuuau	2	1	s12
uuguuuggaguucuauugauuuaG	2	1	s12
Cuguuuggaguucuauugauuuau	1	1	s12
uuguuuggaguucuauugauuuaC	10	1	s12
uuguuuggaguucuauugauuAau	1	1	s12
	1	1	s12
	1	1	s12
uuguuuggaguucuauugauuuCuu.	1	1	s12
uuguuuggaguucuauugauuuauG.	2	1	s12
uuguuuggaguucuauugauuuauu.	10	0	s12
uguuuggaguucuauugauuuaAu	1	1	s12
uuguuuggaguucuauugauuuaauucacu	2	0	s12
.cuUauucacugaacuccaaaccu	1	1	s12
	1	1	s12
.auucacCgaacuccaaac	1	1	s12
.auucacugaacuccaaac.	1	0	s12
.auucacuqaacuccaGac	1	1	s12
auucacuqaacuccaaacA.	3	1	s12
auucacugaacuccGaacc	1	1	s12
auucacugaacuccaaacc	26	0	s12
auucacugaacuccaaacU	12	1	s12
aCucacugaacuccaaacc	1	1	s12
auucacugaacuccaaaccu.	22	0	s12
auucacugaaAuccaaaccug.	1	1	s12
auucacugaaUuccaaaccug.	1	1	s12
.auucacugaacuccaaaccuU	4	1	s12
auucacugaacuccaaaccug	152	0	s12
	2	1	s12
	1	1	s12
auucacugaacGccaaaccug	1	1	s12
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auucacuqaacuucaaacUuq	1	1	s12
auucacugaacuccaaaccCg	5	1	s12
	2	1	s12 s12
auucacugaacuccCaaccuga	1	1	s12
auucacugaacuccaaaccugU	46	1	s12
Guucacugaacuccaaaccuga	1	1	s12
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.auucacugaacuccaaCccuga.	1	1	s12
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.aCucacugaacuccaaaccuga	1	1	s12
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Cuucacugaacuccaaaccuga	3	1	s12
auucacugaacuccaaaccCga	5	1	s12
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auucacugaacuccaaaccGga	8	1	s12
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auucacuyaacuccaaaccuya	1	1	s12 s12
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Star Mature				
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auucacugaacCccaaa	accuga	2	1	s12
auucacugaacucGaaa	accuga	1	1	s12
auucacugaacuccaaa	accugG	11	1	s12
auucacGgaacuccaaa	accuga	2	1	s12
auucacugaacuccaaa		41	1	s12
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	accugau	1	1	s12
auucacugaacuccaaa		3	1	s12
auucacugaacuccaaa		2	1	s12
auucacugaGcuccaaa	accugau	3	1	s12
auucacugaacuccaaa	AAcugau	1	1	s12
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auucacugaacuccaa	ecugau	2	1	s12
auuGacugaacuccaaa	accugau	1	1	s12
auAcacugaacuccaaa	accugau	1	1	s12
auucacuAaacuccaaa		1	1	s12
	accugau	1	1	s12
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Guucacugaacuccaaa		1		s12
-	·		1	
	accugauu	1	1	s12
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auucGcugaacuccaaa	accugauu	1	1	s12
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	accugauu	26	0	s12
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	accugauAu	1	1	s12
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		2	1	s12
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bcar macure				
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	gauu	2	1	s12
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ucacugaacuccaaaccu	2	1	1	s12
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		1	1	s12
	ja	1	1	s12
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Aacugaacuccaaaccu		2	1	s12
cacugaacuccaaaccu		2	1	s12
		2	0	s12
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acugaacuccaaaccu	ga	2	0	s12
acugaacucUaaaccu	Ja	1	1	s12
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		2	1	s12
		1	1	s12
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uuguuuggaguucuauugauu		2	0	s17

DCAI MACULE			
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	3		
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	6	0	s17
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auucacugaacuccaaaccugau	21	0	s17
auucacugaacuccaaaccugauC	1	1	s17
auucacugaacuccaaaccugauA	3	1	s17
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auucacugaacuccaaaccugauu	12	0	s17
Guucacugaacuccaaaccugauu	1	1	s17
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	1	0	s17
	4	0	s17
	4	0	s17
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	15	0	s01
	1	1	s01
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	2	1	s01
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Star Mature				
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auucacugaacuccaaaccu		51	0	s01
auucacugaacuccaaaccC		9	1	s01
aducacugaacuccaaaccu		1	1	s01
auucacCgaacuccaaaccug		3	1	s01
auucacugaacuccaaaccuC	• • • • • • • • • • • • • • • • • • • •	2	1	s01
auucacugaacuccaaaccug	•••••	53	0	s01
auCcacugaacuccaaaccug	• • • • • • • • • • • • • • • • • • • •	2	1	s01
auucacugaacuccaaaccuU		2	1	s01
Guucacugaacuccaaaccug		3	1	s01
auucacugaacuccaaaccuA		7	1	s01
auucGcugaacuccaaaccuga.		1	1	s01
auucacugaacuccaaaccGga		2	1	s01
auucacugaacuccaaaccugU		7	1	s01
auucacCgaacuccaaaccuga		1	1	s01
	•••••			
auucacugaacuccaaaccuUa	• • • • • • • • • • • • • • • • • • • •	1	1	s01
auucacugaacuccaaaccuga	•••••	80	0	s01
auucacugaacuccaaaccugG	• • • • • • • • • • • • • • • • • • • •	2	1	s01
auucacugaacuccaaaccugC	• • • • • • • • • • • • • • • • • • • •	1	1	s01
auucacGgaacuccaaaccuga		1	1	s01
auucacugaacuccaaaccugau		14	0	s01
auucacugaacuccaaaccugaA		2	1	s01
auucacugaacuccaaaccugGu		1	1	s01
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auucacugaacuccaaaccugauuA		1	1	s01
	•••••			
uucacugaacuccaaacA		1	1	s01
uucacugaacuccaaacG	• • • • • • • • • • • • • • • • • • • •	3	1	s01
uucacugaacuccaaacU	• • • • • • • • • • • • • • • • • • • •	4	1	s01
uucacugaacuccaaaccC	• • • • • • • • • • • • • • • • • • • •	5	1	s01
uucacugaacuccaaaccu	• • • • • • • • • • • • • • • • • • • •	38	0	s01
uucacugaacuccaaacUu		2	1	s01
uAcacugaacuccaaaccug		1	1	s01
uucacugaGcuccaaaccug		1	1	s01
uucacAgaacuccaaaccug.		1	1	s01
Cucacugaacuccaaaccug		1	1	s01
uucacugaacuccaaaccuU		2	1	s01
		1	1	s01
uucacugaacuccaaaccuA	• • • • • • • • • • • • • • • • • • • •	8	1	s01
uucacugaacuccaaaccug	• • • • • • • • • • • • • • • • • • • •	70	0	s01
uucacugaacuccaaaccuga		16	0	s01
uucacugaacuccaaGccuga	• • • • • • • • • • • • • • • • • • • •	2	1	s01
uucacugaacuccaaaccugU		1	1	s01
uucacugaacuccaaaccugau		3	0	s01
uucacugaacuccaaaccugauu		1	0	s01
ucacugaacuccaaaccu		12	0	s01
ucaŪugaacuccaaaccug		2	1	s01
ucacugaUcuccaaaccug		1	1	s01
ucacCgaacuccaaaccug		1	1	s01
		1	1	s01
ucGcugaacuccaaaccug				
ucacugaacuccaaaccuU		2	1	s01
ucacugaacuccaaaccug		35	0	s01
ucacugaacuccaaaccuA	• • • • • • • • • • • • • • • • • • • •	11	1	s01
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cacugaacuccaaaccug		2	0	s01
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acugaacuccaaaccugau		7	0	s01
Ccugaacuccaaaccugau		1	1	s01
acugaacuccaaaccugauu		40	0	s01
acugaacuccaaacUugauu	• • • • • • • • • • • • • • • • • • • •	1	1	s01

Star Mature			
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acugaacuccaaaccugauA	1	1	s01
acugaacuccaaaccugauC	2	1	s01
acugaacCccaaaccugauu	1	1	s01
acugaacuccaaaccugauGu.	1	1	s01
acugaacuccaaaccugauuC		1	s01
acugaacuccaaaccugauuA	2	1	s01
acagaacacaaaccagaaca.		-	501
200000000000000000000000000000000000000	1	1	s10
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ucuuguuuggaguucuauug	1	0	s10
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.uuguuuggaguucAauuga	1	1	s10
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uuguuuggaguucuauugUu	1	1	s10
uguuuggaguucuauugau	12	0	s10
uuguuuggaguucuauugGu.	2	1	s10
uuguuuggaguucuauugaC	1	1	s10
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uuguuuggaguucuauugaGu		1	s10
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uuguuuggaguuGuauugauu			s10
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.uuguuuggagCucuauugauu	1	1	s10
uguuuggaguucuauugauC	13	1	s10
uguuuggagGucuauugauu	1	1	s10
uuguuuggaguucuauugauA	3	1	s10
uguuuggaguucuauugaAu		1	s10
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		1	s10
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.uuguuuggaguucuauugauuC	8	1	s10
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uuguuuggaguucuauugauuuau	43	0	s 10
uuguuuggaguucuauugauuuGu	2	1	s10
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uguuuggaguucuauugGuuuau	1	1	s10
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uuguuuggaguucuauugauuuauC	2	1	s10
.uuguuuggaguucuauugauuuaAu	1	1	s10
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		0	s10
uguuuggaguucuauugauu			
. uuuggaguucuauugauuC		1	s10
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auucacugaacuccaaaAc	1	1	s10
auucacugaacuccaaacU	7	1	s10
auucacugaacuccaaacc	12	0	s10
auucacCgaacuccaaacc	1	1	s10
auucacugaacuccaaacA	2	1	s10
auucacugaacuccaaaccC		1	s10
Guucacugaacuccaaaccu		1	s10
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auucacugaacuccaaaccGg		1	s10
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Star Mature			
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aCucacugaacuccaaaccug	1	1	s10
auucacugaacuccaaaccuA	16	1	s10
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auucacugaacuccaaaccuU	15	1	s10
auucacugaacuccaGaccug	1	1	s10
Guucacugaacuccaaaccug		1	s10
auucacugaacuccaaaccaga	2	1	s10
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