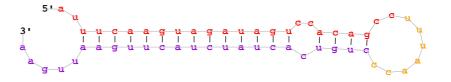
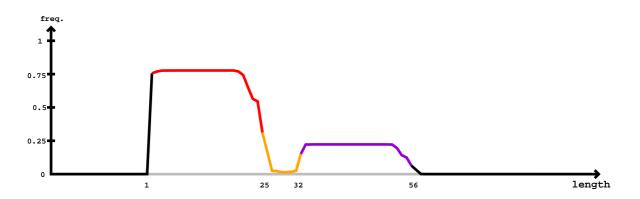
Provisional ID : chromosome_5_167915

Score total 6918.2 Score for star read(s) 3.9 6911.8 Score for read counts Score for mfe 0.9 Score for randfold 1.6 Score for cons. seed

Total read count 13569 10703 Mature read count Loop read count 0 Star read count 2866





Mature	Star

uugacucacaguccuuuucauuucaaguagauaguccacagccuuuaacccugucacuaucuacuugaauugaaaaugucugcacauaaaucaauguugucuuaguuuaauu	ex	p	
((((((.((((((((((((((((()))).))))))	reads	mm	sample
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auuucaaguagauaguccaU	4	1	s16
auuucaaguagauaguccac	9	0	s16
auuucaaguagauaguccacU	1	1	s16
auuucaaguagauaguccaca	4	0	s 16
	1	1	s16
auuucaaguagauaguccacag	4	0	s16
auuucaaguagauaguccacagc	22	0	s16
	1	1	s16
auuCcaaguagauaguccacagc	1	1	s16
auuucaGguagauaguccacagc	1	1	s 16
auuucaaguagauaguccacagU	15	1	s16
auuucaaguagauagCccacagc	2	1	s16
auuucaaguagCuaguccacagc	1	1	s 16
auuucaaguagauaguccacagcc	37	0	s16
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	2	1	s16
	1	1	s16
auuucaaguagauaguccacagcA	6	1	s16
auuucaaguagauaguccacagcUu.	1	1	s16
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auuucaGguagauaguccacagccu	1	1	s16
auuucaaguagauaguccacagccC	7	1	s16
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uuucaaguagauaguccacageU	1	1	s16
uucaaguagauaguccaU	1	1	s16
uucaaguagauaguccacagccAuu	2	1	s16
uuuaacccugucacuaucuacuugaauuA	1	1	s16
uuaacccugucacuaucuacuugaauug	2	0	s16
guuaacccugucacuaucuacuugaauugU	1	1	s16

Mature Star			
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uuuaacccugucacuaucuGcuugaauuga	1	1	s 16
uuuaacccugucacuaucuacuuCaauuga.	1	1	s 16
	3	0	s16
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cccugucacuaucuacuugaauu.	1	0	s 16
ccugucacuaucuacuugaauu	2	0	s 16
ccugucacuaucuGcuugaauu	1	1	s16
cugucacuaucuacuugaauu	5	0	s16
cugucacuaucuacuugaauuC.	1	1	s16
cugucacuaucuacuugaauug.	1	0	s 16
cugucacuaucuacuugaauuU	1	1	s 16
cugucacuaucuacuugGauuga	1	1	s 16
cugucacuaucuacuugaauuga	5	0	s 16
cugucacuaucuacuugaauugC.	1	1	s16
cugucacuaucuacGugaauuga	1	1	s16
cugucacuaucuacuugaauGga	1	1	s 16
cugucacuaucuacuugaauugU	4	1	s16
cugucacuaucuacuugaauugaU	6	1	s16
cugucacuaucuacuugaauugaC	1	1	s 16
ugucacuaucuacuugaau	1	0	s 16
Agucacuaucuacuugaauu	1	1	s16
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.ugucacuaucuacuugaauu	1	1	s03
cauuucaaguagauaguccacagcA	1	1	s03
cauuucaaguagauaguccacagcAauuucaaguagauaguccC.	1 2	1 1	s03 s03
	1 2 5 1	1 1 0 1	s03 s03 s03
. cauuucaaguagauaguccacagcA auuucaaguagauaguccC auuucaaguagauagucca aGuucaaguagauaguccac auuucaCguagauaguccac.	1 2 5 1	1 1 0 1	s03 s03 s03 s03
cauuucaaguagauaguccacagcA	1 2 5 1 1 33	1 0 1 1	s03 s03 s03 s03 s03
. cauuucaaguagauaguccacagcA auuucaaguagauaguccC auuucaaguagauagucca aGuucaaguagauaguccac auuucaCguagauaguccac.	1 2 5 1	1 1 0 1	s03 s03 s03 s03
cauuucaaguagauaguccacagcA	1 2 5 1 1 33	1 0 1 1	s03 s03 s03 s03 s03
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CauuucaaguagauaguccacagcAauuucaaguagauagucccauuucaaguagauaguccacauuucaCguagauaguccacauuucaaguagauaguccacauuucaaguagauaguccacauuucaaguagauaguccacauuucaaguagauaguccacauuucaaguagauaguccac.	1 2 5 1 1 33 4	1 0 1 1 0	s03 s03 s03 s03 s03 s03
	1 2 5 1 1 33 4 1 1	1 1 0 1 1 0 1 1 1	s03
	1 2 5 1 1 33 4 1 1 42 2	1 1 0 1 1 0 1 1 1 0	s03
	1 2 5 1 1 33 4 1 1 42 2	1 1 0 1 1 0 1 1 1 0	s03
	1 2 5 1 1 33 4 1 1 42 2 2	1 1 0 1 1 0 1 1 0 1 1 1	s03
	1 2 5 1 1 33 4 1 1 42 2	1 1 0 1 1 0 1 1 1 0	s03
	1 2 5 1 1 33 4 1 1 42 2 2	1 1 0 1 1 0 1 1 0 1 1 1	s03
	1 2 5 1 1 33 4 1 1 42 2 2 4	1 1 0 1 1 0 1 1 0 1 1 1 0	s03
	1 2 5 1 1 33 4 1 1 42 2 2 4 1 10 2	1 1 0 1 1 0 1 1 0 1 1 1 0 1	s03
	1 2 5 1 1 33 4 1 1 42 2 2 4 1 10 2	1 1 0 1 1 0 1 1 1 0 1 1 1 0 1	s03
	1 2 5 1 1 33 4 1 1 42 2 2 4 1 10 2 1	1 1 0 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1	s03
	1 2 5 1 1 33 4 1 1 42 2 2 4 1 10 2	1 1 0 1 1 0 1 1 1 0 1 1 1 0 1	s03
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	1 2 5 1 1 33 4 1 1 42 2 2 4 1 10 2 1 3 6 6	1 1 0 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1	s03
	1 2 5 1 1 33 4 1 1 42 2 2 4 1 10 2 1 3 6 6	1 1 0 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1	s03
	1 2 5 1 1 33 4 1 1 42 2 2 4 1 10 2 1 3 66 1 19 64	1 1 0 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 0 1 1 1 0 1 1 0 1 1 1 0 1 1 1 0 1 1 0 1 1 0 1 1 0 0 1 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 0 1 0 0 1 0 0 1 0 1 0 0 1 0 0 1 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 1 0 1 0 0 1 0 0 0 1 0 1 0 0 1 0 0 1 0 0 1 0 0 0 0 0 0 1 0	s03
CauuucaaguagauaguccacagcA	1 2 5 1 1 33 4 1 1 42 2 2 4 1 10 2 1 3 66 1 19 64 1	1 1 0 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 0 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1	s03
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	1 2 5 1 1 33 4 1 1 42 2 2 4 1 10 2 1 3 66 1 19 64 1 1	1 1 0 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 1 0 1	s03
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Cauuucaaguagauaguccacagcagcagcaguaguccacaguaguaguccacaguaguaguccacaguaguaguaguccacaguaguaguccacaguaguccacaguaguccacaguaguccacaguaguccacaguaguccacaguaguccacaguaguccacaguaguccacaguaguccacaguaguccacaguaguccacaguaguccacaguaguccacaaguaguccacaaguaguccacaaguaguccacaaguaguccacacaguaguaguccacacaguaguccacacaguaguaguccacacaguaguccacacaguaguccacacaguaguccacaguaguccacaguaguccacaguaguccacagaguaguccacaguaguccacagaguaguccacaguaguccacaguaguccacagaguaguccacacaguaguccacagaguaguccacagucagu	1 2 5 1 1 33 4 1 1 42 2 2 4 1 10 2 1 3 66 1 19 64 1 1 1 1 30 14	1 1 0 1 1 0 1 1 1 0 1 1 1 0 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1	s03
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	1 2 5 1 1 33 4 1 1 42 2 2 4 1 10 2 1 3 66 1 19 64 1 1 1 1 30 14 1 41	1 1 0 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 1 0 1	s03
	1 2 5 1 1 33 4 1 1 42 2 2 4 1 10 2 1 3 66 1 19 64 1 1 1 1 1 30 14 1 41 2	1 1 0 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 1 1 0 1	s03
	1 2 5 1 1 33 4 1 1 42 2 2 4 1 10 2 1 3 66 1 1 9 64 1 1 1 1 30 14 1 41 2 2	1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 1 0 1 1 1 1 0 1	s03

mature Star			
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auuucaaguagauaguccacagccAuu	14	1	s 03
auuucaaguagauaguccacagccAuua	2	1	s 03
	2	0	s 03
uuucaaguagauaguccacagc.	2	0	s 03
	2	0	s03
	1	1	s03
	1	0	
			s03
.uucaaguagauaguccacagccuuuaacA.	1	1	s03
	1	0	s03
.uuuaacccugucacuaucAacuugaauug	1	1	s 03
.uuaacccugucacuaucuacuugaauuga	6	0	s 03
.Auuaacccugucacuaucuacuugaauuga	3	1	s 03
ccugCcacuaucuacuugaauu	1	1	s03
ccugucacuaucuacuugaauu	4	0	s03
	1	0	s 03
cugucacuaucuacuugaauu	4	0	s03
	7	0	s03
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cugucacuauduacuugaauuga.	8	0	s03
.cugucacuaucuacuugaauugaU	4	1	ສ03
	1	1	s 03
	1	1	s 03
ugucacuaucuacuugaau	5	0	s 03
ugucacuaucuacuugaauu	2	0	s 03
ugucacuaucuacuugaauug	4	0	s03
ugucacuaucuacuugaauugU.	5	1	s 03
Cgucacuaucuacuugaauuga	2	1	s03
uguUacuauuugaauuga	1	1	s03
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.auuucaaguagauagucU	1	1	ສ06
auuucaaguagauaguccauuucaaguagauagucc	1	0	s 06
auuucaaguagauagucca	1	0	s 06
auuCcaaguagauaguccac.	1	1	s 06
auuucaaguaguAcac.	1	1	s 06
	2	1	s06
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Guuucaaguagauaguccac	1	1	s 06
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aCuucaaguagauaguccac	2	1	s 06
auuucaaguagauaguccaU	6	1	s 06
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auuucaaguagauaguccacagccC	1	1	s06
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auuucaaguagauaguccacagccAuu	2	1	s 06
uuucaaguagauaguAcac	1	1	s 06
.uuucaaguagauaguccacagU	2	1	s 06
uuucaaguagauagukcacagc	1	1	s06
	3	0	s 06
	1	1	s 06
	1	0	s06
	1	1	s06
	-	-	500

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uucaaguagauaguccacagU	4	1	s 06
uucaaguagauaguccacagc	1	0	s 06
	2	1	s 06
uuuaacccugucacuauuugaauuga	3	0	s 06
cccugucacuaucuacuugaauu	1	0	s 06
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	1	1	s 06
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ugucacuaucuacuugaauC	1	1	s 06
ugucacuaucuacuugaauu	5	0	s 06
ugucacuauuugaauugU	3	1	s 06
ugucacuauugaauuga	1	0	s 06
ugucacuauuugcu	2	1	s 06
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.auuucaaguagauaguccacC	2	1	s 09
.auuucaaguagauaguccacU	4	1	s 09
.auuucaaguCgauaguccaca	1	1	s09
.auuucaaguagauaguccaca	10	0	s 09
.auuucaaguagauaguccacagc	52	0	s 09
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.auuucaaguagauaguccacagcG.	1	1	s 09
.auuucaaguagauaguccacagcc.	53	0	s 09
.auuucaaguagauaguccacagcU.	36	1	s09
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.auuucaaguagauagCccacagcc.	1	1	s 09
.auuucaaguagauaguccacagccA.	13	1	s 09
.auuucaaguagauaguccacagccAu	4	1	s 09
.auuucaaguagauaguccacagcAuu	1	1	s09
.auuucaaguagauaguccacagccAuu	1	1	s 09
.auuucaaguagauaguccacagccGuu.	2	1	s 09
	1	1	s 09
uuucaaguagauaguccacagcU	1	1	s09
uuucaaguagauaguccacagcc	5	0	s09
uucaaguagauguccaU	3	1	s09
	2	1	s09
aaguagauaguccacagcU	1	1	s09
uuuaacccugucacuaucuacuugaauuga	3	0	s09
uuuaacccugucacuaucuagaauugU	1	1	s09
ccugucacuaucuacuugaauu	3	0	s09
Geugucacuaucuacuugaauu	1	1	s09
ccugucacuaucuacuugaauuga	2	0	s09
cugucacuaucuacuugaaC	1	1	s09
CHORCACHARCHACARTH	13	0	s09

Mature	Star			
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	cugucacuaucuacuugaauCg	3	1	s09
	cugucacuaucuacuugaauuU	1	1	s09
	cugucacuaucuacuugaauug	1	0	s09
	cugucacuaucuacuugaauuga	3	0	s09
	cugucacuaucuacuugaauugaU	3	1	s09
	ugucacuaucuacuugaau	5	0	s09
•••••	ugucacuaucuacuugaauu	7	0	s09
•••••	ugucacuaucuacuugaauug	3	0	s 09
	ugucacuaucuacuugaauuga	4	0	s09
	ugucacuaucuacuugaauugU	1	1	s 09
auuucaaguagauagucc		1	0	s07
auuucaaguagauagucA		2	1	s07
auuucaaguagauagucca		21	0	s07
		19	1	s07
		1	1	
				s07
		1	1	s07
auuucaaguagauaguccGc		1	1	s07
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Mature	star			
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mature Star			
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Uuuucaaguagauaguccacagcc			s02
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Macute Star			
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.auuucaaguagauaguccacagcU.	715	1	s02
.Cuuucaaguagauaguccacagcc.	3	1	s02
.auuucaaguagUuaguccacagcc.	1	1	s02
auuucaaguagauagucUacagcc	2	1	s02
auuucaaguUgauaguccacagcc	1	1	s02
auuucaaguagauaguccacaAcc	3	1	s02
auuucaaguagauaguccacagccA	251	1	s02
auuucaaguagauaguccacagccG	7	1	s02
.auuucaaguagauaguccacagccC.	17	1	s02
.auuucaaguagauaguccacagcUu.	1	1	s02
auuucaaguagauaguccacagccu	20	0	s02
auuucaaguagauaguccacagcAu	6	1	s02
auuucGaguagauaguccacagccu	1	1	s02
.auuucaaguCgauaguccacagccu.	1	1	s02
auuucaaguagauaguccacagccuu	6	0	s02
auuucaaguagauaguccacagccAu	19	1	s02
auuucaaguagauaguccacagccuA	1	1	s02
auuucaaguagauaguccacagcAuu	1	1	s02
auuucaaguagauaguccacagccuuu	1	0	s02
.auuucaaguagauaguccacagccAuu	44	1	s02
.auuucaaguagauaguccacagccuuuaac	1	0	s02
uuucaaguagauagucca	2	0	s02
uuucaaguagauaguccac	11	0	s02
	2		
uuucaaguagauaguccaca		0	s02
uuucaaguagaCaguccaca	1	1	s02
	2	1	s02
uuucaaguagauaguccacagc	6	0	s02
.uuucaaguagauaguccacagU	8	1	s02
uuucaaguagauaguccacagcA	1	1	s02
uuucaaguagauaguccacagcU	11	1	s02
uuucaaguagauaguccacagcG.	3	1	s02
uuucaaguagauagCccacagcc	2	1	s02
uuucaaguagauaguccacagcc	11	0	s02
	1	1	s02
uuucaaguagauaguGcacagcc			
uuucaaguagauaguccacagccA	5	1	s02
uucaaguagauaguccac.	11	0	s02
uucaaguagauaguccaca	3	0	s02
uucaaguagauaguccacagc	3	0	s02
.uucaaguagauaguccacagU	1	1	s02
.uucaaguaguccacagcc	6	0	s02
uucaaguagauaguccacagcG.	1	1	s02
uucaaguagauaguccacagcU	6	1	s02
uucaaquaqauaquccacaqccC.	2	1	s02
	1	1	s02
uucaaguagauaguccacagccAu	1	-	
ucaaguagauaguccacagccA	1	1	s02
.ucaaguagauaguccacagccAuu.	2	1	s02
caaguagauaguccacagc	1	0	s02
caaguagauaguccacagcA	1	1	s02
	1	1	s02
uuuaacecugucacuaucuacuugaauu	3	0	s02
uuuaacccugucacuaucuacuugaauug	2	0	s02
uuuaacccugucacuaucuacuugaauugC	2	1	s02
uuuaacccugucaAuaucuacuugaauuga	1	1	s02
uuuaacccugucacuaucuacuugaauugU	7	1	s02
uuuaacccuqucacuaucuacuugg	1	1	s02
uuuaacccugucacuaucuacuugaauuga	61	0	s02
uuaacccugucacuaucuuacuugaauug.	1	0	s02
uuaacccugucacuaucuacuugaauugC	1	1	s02
uaacccugucacuaucuacuugaauugaU	1	1	s02
acccugucacuaucuacuugaauu	1	0	s02
cccugucacuaucuacuugaauug	1	0	s02
	3	1	s02
.ccugucacuaucuacuugaa	1	0	s02
ccugucacuaucuacuugaau	3	0	s02
ccugucacuaucuacuugaauC	1	1	s02
	3	1	s02
ccugucacuaucuacuugaauu	10	0	s02
		1	
ccugucacuaucuacuugaauuC	1		s02
ccugucacuaucuacuugaauug	4	0	s02
.ccugucacuaucuacuugaauuU	3	1	s02

Mature Star				
uugacucacaguccuuuucauuucaaguagauaguccacagccuuuaacccugucacu	aucuacuugaauugaaaugucugcacauaaaucaauguugucuuaguuuaauu			
cugucacu	aucuacuugaa	1	0	s02
cugucacı	naucuacuuUaau	2	1	s02
	naucuacuugaau	1	1	s02
cugucacı		42	0	s02
cugucacı	aucuacuugaaA	1	1	s02
cugucacu	aucuacuugaaC	1	1	s02
cugucacı	naucuCcuugaauu	1	1	s02
	aucuacuugaauA	1	1	s02
		8	1	s02
	aucuacuugaauC			
cugucacu	aucuacuugaGuu	2	1	s02
cugucaG	aucuacuugaauu	1	1	s02
cugucacu	aucuacuugaauu	69	0	s02
cuqucacı	ıaCcuacuugaauug	1	1	s02
	naucuacuugaauuU	4	1	s02
cugucact	aucuacuugaauug	19	0	s02
cugucacu	aucuacuugaauuA	3	1	s02
cugucacu	aucuacuugaauCga	2	1	s02
cugucacı	aucuacCugaauuga	1	1	s02
	ıaAcuacuugaauuga	1	1	s02
	aucuacuuUaauuga	1	1	s02
cugucacu	aucuacuugaauuUa	1	1	s02
Uugucacı	laucuacuugaauuga	1	1	s02
cugucacu	aucuacuugaGuuga	1	1	s02
cCqucacı	aucuacuugaauuga	1	1	s02
	laucuacuugaauugU	25	1	s02
cugucaG	aucuacuugaauuga	1	1	s02
cugucacu	aucuacuugaauuga	92	0	s02
cugCcacu	aucuacuugaauuga	1	1	s02
cugucacı	naucuacuugaauugC	2	1	s02
	aucuacuugaauGga	1	1	s02
	aucuacuugaauugGa	1	1	s02
cugucacı	aucuacuugaauugaU	168	1	s02
cugucacu	aucuacuugaauugUa	4	1	s02
cugucacu	aucuacuugaauugaa	20	0	s02
cuqucacı	naucuacuugaauugaC	33	1	s02
	naucuacuugaauugaaU	9	1	s02
	aucuacuugaauugaaC	1	1	s02
cugucacı	aucuacuugaauugaUa	4	1	s02
cugucacu	aucuacuugaauugaaUa	3	1	s02
ugucacı	aucuacuugaa	4	0	s02
ugucacı	naucuacuugaau	99	0	s02
		12	1	s02
	aucuacuugaaC			
ugucCcı	aucuacuugaau	2	1	s02
ugucacu	auUuacuugaau	1	1	s02
ugucacı	aucuGcuugaau	2	1	s02
ugucacı	naucuaAuugaau	1	1	s02
	naucuacuugGau	1	1	s02
	aucuacuugaGu	1	1	s02
	aCcuacuugaau	1	1	s02
Cgucacu	aucuacuugaau	2	1	s02
ugucac	aucuacuugaau	1	1	s02
uqucacı	naucuacGugaauu	1	1	s02
	aucuacuugaauu	84	0	s02
	aucGacuugaauu	1	1	s02
ugucCcı	aucuacuugaauu	1	1	s02
ugucacu	auAuacuugaauu	1	1	s02
ugucacı	aucuacuugaauC	3	1	s02
	aucuacuugaauA	2	1	s02
	auGuacuugaauu	1	1	s02
	aucuacuugaauG	2	1	s02
ugAcacu	aucuacuugaauu	1	1	s02
ugucacı	naucuacuuUaauu	1	1	s02
ugudadi	naucuacCugaauug	1	1	s02
	aucuGcuugaauug	1	1	s02
	aucuacuugaauug	20	0	s02
ugucacı	aucuacuugaaGug	1	1	s02
ugucacı	aucuacuugaauuA	3	1	s02
ugucacı	aucuacuugaauugC	9	1	s02
				-02
ugucaci		1	1	SUZ
	iaucuacuugaauuja	1 1	1	s02 s02

	ar			
uugacucacaguccuuuucauuucaaguagauaguccacagccuuuaacccugu	ucacuaucuacuugaauugaaaaugucugcacauaaaucaauguugucuuaguuuaauu			
ugı	ucacuaucuacuCgaauuga	3	1	s02
	ucacuaucuacuugaauuUa	1	1	s02
		1	1	s02
	ucacuaucCacuugaauuga			
ugı	ucacuGucuacuugaauuga	1	1	s02
ugu	uVacuaucuacuugaauuga	2	1	s02
ugu	ucacuaucuacuugaauugG	4	1	s02
ugı	ucacuaucuacuugaauugU	95	1	s02
	ucacuaucuacuugaauuga	64	0	s02
	ucacuaucuacuugaauugUa	1	1	s02
ugı	ucacuaucuacuugaauugaa	1	0	s02
ugu	ucacuaucuacuugaauugaU	22	1	s02
ugu	ucacuaucuacuugaauugaC	2	1	s02
	ucacuaucuacuugaauugaaC	5	1	s02
-	ucacuaucuacuugaauugaaU	16	1	s02
ugt	ucacuaucuacuugaauugaaaU	4	1	s02
gt	ucacuaucuacuugaauu	3	0	s02
g	ucacuaucuacuugaauuga	1	0	s02
	ucacuaucuacuugaauug	2	0	s02
	ucacuaucuacuugaauugU	1	1	s02
	ucacuaucuacuugaauugC	1	1	s02
	ucacuaucuacuugaauugaU	1	1	s02
	ucacuaucuacuugaauugaC	1	1	s02
	aaaugucugcacauaaaucaauguuA	1	1	s02
2111110220112021120110020		5	0	s11
	•••••			
auuucaaguagauaguccaU	•••••	1	1	s11
auuGcaaguagauaguccacagc		1	1	s11
auuucaaguagauaguccacUgc		2	1	s11
auuucaaguagauaguccacagA		1	1	s11
		1	1	s11
		1	1	s11
	•••••			
GuuucaaguagauaguGcacagc		1	1	s11
auuucaaguagauaguccacagU		10	1	s11
Guuucaaguagauaguccacagc		1	1	s11
auuucGaguagauaguccacagc		2	1	s11
		36	0	s11
		24	1	
	•••••			s11
auuucaaguagauaguccacagcA		6	1	s11
auuucaaguagauaguccacagcG				
		2	1	s11
auuucaaguagauaguGcacagcc		2 1	1 1	s11 s11
auuucaaguagauaguccacUgcc		1 1	1 1	s11 s11
auuucaaguagauaguccacUgccauuucaaguagauaguccacagcc		1 1 33	1 1 0	s11 s11 s11
auuucaaguagauaguccacUgcc		1 1	1 1 0 1	s11 s11 s11 s11
auuucaaguagauaguccacUgcc		1 1 33	1 1 0	s11 s11 s11
auuucaaguagauaguccacUgcc		1 1 33 1	1 1 0 1	s11 s11 s11 s11
auuucaaguagauaguccacUgcc. auuucaaguagauaguccacagcc. auuucaaAuagauaguccacagcc. auuucaaguagauaguccacagccG. auuucaaguagauaguccacagccC.		1 1 33 1	1 1 0 1	s11 s11 s11 s11
auuucaaguagauaguccacUgcc. auuucaaguagauaguccacagcc. auuucaahuagauaguccacagccG. auuucaaguagauaguccacagccG. auuucaaguagauaguccacagccC.		1 1 33 1 1	1 0 1 1	s11 s11 s11 s11 s11
auuucaaguagauaguccacUgcc. auuucaaguagauaguccacagcc. auuucaaAuagauaguccacagccG. auuucaaguagauaguccacagccC. auuucaaguagauaguccacagccC. auuucaaguagauaguccacagccA. uuucaaguagauaguccacagcC		1 1 33 1 1 2 5	1 0 1 1 1 1	s11 s11 s11 s11 s11 s11
auuucaaguagauaguccacUgcc. auuucaaguagauaguccacagcc. auuucaahuagauaguccacagccG. auuucaaguagauaguccacagccC. auuucaaguagauaguccacagccA. uuucaaguagauaguccacagccD.		1 1 33 1 1 2 5 1 3	1 0 1 1 1 1 0	s11 s11 s11 s11 s11 s11 s11
auuucaaguagauaguccacUgcc. auuucaaguagauaguccacagcc. auuucaaAuagauaguccacagccG. auuucaaguagauaguccacagccC. auuucaaguagauaguccacagccA. uuucaaguagauaguccacagcCU. uuucaaguagauaguccacagcCU.	ucacuaucuacuugaauug	1 1 33 1 1 2 5 1 3	1 0 1 1 1 1 0 0	s11 s11 s11 s11 s11 s11 s11 s11
auuucaaguagauaguccacUgcc. auuucaaguagauaguccacagcc. auuucaaAuagauaguccacagccG. auuucaaguagauaguccacagccC. auuucaaguagauaguccacagccA. uuucaaguagauaguccacagcCU. uuucaaguagauaguccacagcCU.		1 1 33 1 1 2 5 1 3	1 0 1 1 1 1 0	s11 s11 s11 s11 s11 s11 s11
auuucaaguagauaguccacUgcc. auuucaaguagauaguccacagcc. auuucaahuagauaguccacagccG. auuucaaguagauaguccacagccC. auuucaaguagauaguccacagccA. uuucaaguagauaguccacagccU. uuucaaguagauaguccacagccU. uuucaaguagauaguccacagcc	ucacuaucuacuugaauug	1 1 33 1 1 2 5 1 3	1 0 1 1 1 1 0	s11 s11 s11 s11 s11 s11 s11 s11
auuucaaguagauaguccacUgcc. auuucaaguagauaguccacagcc. auuucaaguagauaguccacagccG. auuucaaguagauaguccacagccC. auuucaaguagauaguccacagccA. uuucaaguagauaguccacagccU. uuucaaguagauaguccacagccU. uuucaaguagauaguccacagccU. uuuaacccugu	ucacuaucuacuugaauug. ucacuaucuacuugaauug	1 1 33 1 1 2 5 1 3 1	1 0 1 1 1 1 0 0	s11 s11 s11 s11 s11 s11 s11 s11 s11
auuucaaguagauaguccacUgcc. auuucaaguagauaguccacagcc. auuucaaguagauaguccacagccG. auuucaaguagauaguccacagccG. auuucaaguagauaguccacagccC. auuucaaguagauaguccacagccA. uuucaaguagauaguccacagccU. uuucaaguagauaguccacagccU. uuuaacccugu	ucacuaucuacuugaauug. ucacuaucuacuugaauuga ucacuaucuacuugaaC ucacuaucuacuugaaC	1 1 33 1 1 2 5 1 3 1 1 1	1 0 1 1 1 1 1 0 0	\$11 \$11 \$11 \$11 \$11 \$11 \$11 \$11 \$11 \$11
auuucaaguagauaguccacUgcc. auuucaaguagauaguccacagcc. auuucaaguagauaguccacagccG. auuucaaguagauaguccacagccG. auuucaaguagauaguccacagccC. auuucaaguagauaguccacagccA. uuucaaguagauaguccacagccU. uuucaaguagauaguccacagccU. auuucaaguagauaguccacagccU. cugu	ucacuaucuacuugaauug. ucacuaucuacuugaauuga. ucacuaucuacuugaaC ucacuaucuacuugaauuga	1 1 33 1 1 2 5 1 3 1 1 1 1 1	1 0 1 1 1 1 0 0 0	\$11 \$11 \$11 \$11 \$11 \$11 \$11 \$11 \$11 \$11
auuucaaguagauaguccacUgcc. auuucaaguagauaguccacagcc. auuucaaguagauaguccacagccG. auuucaaguagauaguccacagccG. auuucaaguagauaguccacagccA. auuucaaguagauaguccacagccA. uuucaaguagauaguccacagccU. uuucaaguagauaguccacagccU. uuuaacccugu	ucacuaucuacuugaauug. ucacuaucuacuugaauuga. ucacuaucuacuugaaC. ucacuaucuacuugaauuga. ucacuaucuacuugaauugaU.	1 1 33 1 1 2 5 1 3 1 1 1 1 1 1	1 0 1 1 1 1 0 0 0	\$11 \$11 \$11 \$11 \$11 \$11 \$11 \$11 \$11 \$11
auuucaaguagauaguccacUgcc. auuucaaguagauaguccacagcc. auuucaaguagauaguccacagccG. auuucaaguagauaguccacagccG. auuucaaguagauaguccacagccA. auuucaaguagauaguccacagccA. auuucaaguagauaguccacagccU. auuucaaguagauaguccacagccU. auuucaaguagauaguccacagccU. auuuaacccugu	ucacuaucuacuugaauug. ucacuaucuacuugaauuga. ucacuaucuacuugaaC. ucacuaucuacuugaauuga. ucacuaucuacuugaauuga. ucacuaucuacuugaauugau. ucacuaucuacuugaau	1 1 33 1 1 2 5 1 3 1 1 1 1 1 1 1	1 1 0 1 1 1 1 0 0 0 0	\$11 \$11 \$11 \$11 \$11 \$11 \$11 \$11
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auuucaaguagauaguccacUgcc. auuucaaguagauaguccacagcc. auuucaaguagauaguccacagccG. auuucaaguagauaguccacagccG. auuucaaguagauaguccacagccC. auuucaaguagauaguccacagccA. uuucaaguagauaguccacagccU. uuucaaguagauaguccacagccU. uuuaacccugu	ucacuaucuacuugaauug. ucacuaucuacuugaauuga. ucacuaucuacuugaaC. ucacuaucuacuugaauuga. ucacuaucuacuugaauuga. ucacuaucuacuugaauugau. ucacuaucuacuugaau	1 1 33 1 1 2 5 1 3 1 1 1 1 1 1 1	1 1 0 1 1 1 1 0 0 0 0	\$11 \$11 \$11 \$11 \$11 \$11 \$11 \$11
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auuucaaguagauaguccacUgcc. auuucaaguagauaguccacagcc. auuucaaguagauaguccacagccG. auuucaaguagauaguccacagccC. auuucaaguagauaguccacagccA. uuucaaguagauaguccacagcC. uuuucaaguagauaguccacagcC. uuuuaacccugu uuuaacccugu cugu	ucacuaucuacuugaauug. ucacuaucuacuugaauuga. ucacuaucuacuugaauuga. ucacuaucuacuugaauuga. ucacuaucuacuugaauuga. ucacuaucuacuugaauu. ucacuaucuacuugaauu. ucacuaucuacuugaauu. ucacuaucuacuugaauuga. ucacuaucuacuugaauuga. ucacuaucuacuugaauugg.	1 1 33 1 1 2 5 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 0 1 1 1 1 0 0 0 0 1 0 0 0 0	\$11 \$11 \$11 \$11 \$11 \$11 \$11 \$11
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. auuucaaguagauagucca	CcugucacuaucuacuugaauA Ccugucacuaucuacuugaauu Ccugucacuaucuacuugaauu Ccugucacuaucuacuugaauu Cugucacuaucuacuugaauu Cugucacuaucuacuugaauu Cugucacuaucuacuugaauu Cugucacuaucuacuugaauug Cugucacuaucuacuugaauuga Uugucacuaucuacuugaau	2 1 5 3 1 2 2 1 4 1 1 1 1 1 1 1	1 1 0 0 0 0 0 0 1 0 1	\$01 \$01 \$01 \$01 \$01 \$01 \$01 \$01
. auuucaaguagauagucca auuucaaAuagauagucca auuucaaguagauagucGa Cuuucaaguagauaguccac . auuucaaguagauaguccac . auuucaaguagauaguccac	ccugucacuaucuacuugaauC ccugucacuaucuacuugaauu ccugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauuga uugucacuaucuacuugaauuga uugucacuaucuacuugaau uugucacuaucuacuugaau uugucacuaucuacuugaau uugucacuaucuacuugaau	2 1 5 3 1 2 2 1 4 1 1 1 1 1 1 1 1 1 6 14	1 1 0 0 0 0 0 0 1 0 1 0 1 1 1 1	\$01 \$01 \$01 \$01 \$01 \$01 \$01 \$01
. auuucaaguagauagucca auuucaaAuagauagucca auuucaaguagauagucGa Cuuucaaguagauaguccac . auuucaaguagauaguccac . auuucaaguagauaguccac . auuucaaguagauaguccac . auuucaaguagauaguccac	CcugucacuaucuacuugaauC Ccugucacuaucuacuugaauu Ccugucacuaucuacuugaauu Cugucacuaucuacuugaau Cugucacuaucuacuugaauu Cugucacuaucuacuugaauu Cugucacuaucuacuugaauu Cugucacuaucuacuugaauu Cugucacuaucuacuugaauuga Cugucacuaucuacuugaau	2 1 5 3 1 2 2 1 4 1 1 1 1 1 1 1 6 14 2	1 1 0 0 0 0 0 0 1 0 1 0 1 1 1 1	\$01 \$01 \$01 \$01 \$01 \$01 \$01 \$01
. auuucaaguagauagucca auuucaaAuagauagucca auuucaaguagauagucGa Cuuucaaguagauaguccac . auuucaaguagauaguccac . auuucaaguagauaguccac . auuucaaguagauaguccac . auuucaaguagauaguccac	ccugucacuaucuacuugaauC ccugucacuaucuacuugaauu ccugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauuga uugucacuaucuacuugaauuga uugucacuaucuacuugaau uugucacuaucuacuugaau uugucacuaucuacuugaau uugucacuaucuacuugaau	2 1 5 3 1 2 2 1 4 1 1 1 1 1 1 1 1 1 6 14	1 1 0 0 0 0 0 0 1 0 1 0 1 1 1 1	\$01 \$01 \$01 \$01 \$01 \$01 \$01 \$01
. auuucaaguagauagucca auuucaaAuagauagucca auuucaaguagauagucGa Cuuucaaguagauaguccac . auuucaaguagauaguccac . auuucaaguagauaguccac . auuucaaguagauaguccac . auuucaaguagauaguccaA	CcugucacuaucuacuugaauC Ccugucacuaucuacuugaauu Ccugucacuaucuacuugaauu Cugucacuaucuacuugaau Cugucacuaucuacuugaauu Cugucacuaucuacuugaauu Cugucacuaucuacuugaauu Cugucacuaucuacuugaauu Cugucacuaucuacuugaauuga Cugucacuaucuacuugaau	2 1 5 3 1 2 2 1 4 1 1 1 1 1 1 1 6 14 2	1 1 0 0 0 0 0 0 1 0 1 0 1 1 1 1	\$01 \$01 \$01 \$01 \$01 \$01 \$01 \$01
. auuucaaguagauagucca auuucaaAuagauagucca auuucaaguagauagucGa Cuuucaaguagauaguccac . auuucaaguagauaguccac . auuucaaguagauaguccac . auuucaaguagauaguccac . auuucaaguagauaguccac . auuucaaguagauaguccaca . auuucaaguagauaguccaca	ccugucacuaucuacuugaauC ccugucacuaucuacuugaauu ccugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauuga uugucacuaucuacuugaauuga uugucacuaucuacuugaau uugucacuaucuacuugaau uugucacuaucuacuugaau uugucacuaucuacuugaau	2 1 5 3 1 2 2 1 4 1 1 1 1 1 1 6 14 2 5	1 1 1 0 0 0 0 0 0 1 0 1 1 1 1 1 0	\$01 \$01 \$01 \$01 \$01 \$01 \$01 \$01
. auuucaaguagauagucca auuucaahuagauagucca auuucaaguagauagucGa Cuuucaaguagauaguccac auuucaaguagauaguccac auuucaaguagauaguccac auuucaaguagauaguccac auuucaaguagauaguccaca auuucaaguagauaguccaca auuucaaguagauaguccaca auuucaaguagauaguccaca auuucaaguagauaguccacu auuucaaguagauaguccacu.	ccugucacuaucuacuugaauC ccugucacuaucuacuugaauu ccugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauuga uugucacuaucuacuugaauuga uugucacuaucuacuugaau uugucacuaucuacuugaau uugucacuaucuacuugaau uugucacuaucuacuugaauuga gucacuaucuacuugaauugu	2 1 5 3 1 2 2 1 4 1 1 1 1 1 1 2 2 1 1 1 2 1 1 1 1	1 1 1 0 0 0 0 0 0 1 0 1 1 1 1 0 1	\$01 \$01 \$01 \$01 \$01 \$01 \$01 \$01
auuucaaguagauagucca	ccugucacuaucuacuugaauC ccugucacuGucuacuugaauu ccugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauuga uugucacuaucuacuugaauuga uugucacuaucuacuugaau uugucacuaucuacuugaau uugucacuaucuacuugaau	2 1 5 3 1 2 2 1 4 1 1 1 1 1 1 2 5 1 1 2 1 1 1 1 1 1 1 1 1	1 1 1 0 0 0 0 0 0 1 0 1 1 1 1 0 1 0 1	\$01 \$01 \$01 \$01 \$01 \$01 \$01 \$01
auuucaaguagauagucca	ccugucacuaucuacuugaauC ccugucacuaucuacuugaauu ccugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauuga uugucacuaucuacuugaauuga uugucacuaucuacuugaau uugucacuaucuacuugaau uugucacuaucuacuugaau uugucacuaucuacuugaauuga gucacuaucuacuugaauugu	2 1 5 3 1 2 2 1 4 1 1 1 1 1 1 2 2 1 1 1 2 1 1 1 1	1 1 1 0 0 0 0 0 0 1 0 1 1 1 1 0 1	\$01 \$01 \$01 \$01 \$01 \$01 \$01 \$01
	ccugucacuaucuacuugaauC ccugucacuGucuacuugaauu ccugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauuga uugucacuaucuacuugaauuga uugucacuaucuacuugaau uugucacuaucuacuugaau uugucacuaucuacuugaau	2 1 5 3 1 2 2 1 4 1 1 1 1 1 1 2 5 1 1 2 1 1 1 1 1 1 1 1 1	1 1 1 0 0 0 0 0 0 1 0 1 1 1 1 0 1 0 1	\$01 \$01 \$01 \$01 \$01 \$01 \$01 \$01
	ccugucacuaucuacuugaauC ccugucacuaucuacuugaauu ccugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauuga cugucacuaucuacuugaauuga uugucacuaucuacuugaauu uugucacuaucuacuugaau uugucacuaucuacuugaau uugucacuaucuacuugaau	2 1 5 3 1 2 2 1 4 1 1 1 1 1 1 2 5 1 1 2 1 1 1 1 1 1 1 1 1	1 1 1 0 0 0 0 0 0 1 0 1 1 1 1 0 1 0 1	\$01 \$01 \$01 \$01 \$01 \$01 \$01 \$01
. auuucaaguagauagucca auuucaahuagauagucca auuucaaguagauaguccac auuucaaguagauaguccac auuucaaguagauaguccac auuucaaguagauaguccac auuucaaguagauaguccaca auuucaaguagauaguccaca auuucaaguagauaguccacau auuucaaguagauaguccacau auuucaaguagauaguccacau auuucaaguagauaguccacag auuucaaguagaagauaguccacagc auuucaaguagaagauguccacagc auuucaaguagauaguccacagu auuucaaguagauaguccacagu.	ccugucacuaucuacuugaauu ccugucacuaucuacuugaauu ccugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauuga cugucacuaucuacuugaauuga uugucacuaucuacuugaauu uugucacuaucuacuugaau uugucacuaucuacuugaau uugucacuaucuacuugaau	2 1 5 3 1 2 2 1 4 1 1 1 1 1 1 2 5 1 1 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 0 0 0 0 0 0 1 0 1 1 1 1 0 1 0 1	\$01 \$01 \$01 \$01 \$01 \$01 \$01 \$01
	ccugucacuaucuacuugaauu ccugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauuga uugucacuaucuacuugaauuga uugucacuaucuacuugaau uugucacuaucuacuugaau uugucacuaucuacuugaau	2 1 5 3 1 2 2 1 4 1 1 1 1 1 1 2 5 1 1 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 0 0 0 0 0 0 1 0 1 1 1 1 0 1 0 1 0	\$01 \$01 \$01 \$01 \$01 \$01 \$01 \$01
	ccugucacuaucuacuugaauu ccugucacuaucuacuugaauu ccugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauuga cugucacuaucuacuugaauuga uugucacuaucuacuugaauu uugucacuaucuacuugaau uugucacuaucuacuugaau uugucacuaucuacuugaau	2 1 5 3 1 2 2 1 4 1 1 1 1 1 1 2 5 1 1 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 0 0 0 0 0 0 1 0 1 1 1 1 0 1 0 1	\$01 \$01 \$01 \$01 \$01 \$01 \$01 \$01
	ccugucacuaucuacuugaauu ccugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauuga uugucacuaucuacuugaauuga uugucacuaucuacuugaau uugucacuaucuacuugaau uugucacuaucuacuugaau	2 1 5 3 1 2 2 1 4 1 1 1 1 1 1 2 5 1 1 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 0 0 0 0 0 0 1 0 1 1 1 1 0 1 0 1 0	\$01 \$01 \$01 \$01 \$01 \$01 \$01 \$01
	Ccugucacuaucuacuugaauu Ccugucacuaucuacuugaauu Ccugucacuaucuacuugaauu Cugucacuaucuacuugaauu Cugucacuaucuacuugaauu Cugucacuaucuacuugaauu Cugucacuaucuacuugaauuga Cugucacuaucuacuugaauuga Uugucacuaucuacuugaau Uugucacuaucuacuugaau Uugucacuaucuacuugaau Uugucacuaucuacuugaauuga Uugucacuaucuacuugaauuga Uugucacuaucuacuugaauugu	2 1 5 3 1 2 2 1 4 1 1 1 1 1 1 1 2 5 1 1 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 0 0 0 0 0 0 1 0 1 1 1 1 0 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 1 1 0 1	\$01 \$01 \$01 \$01 \$01 \$01 \$01 \$01
. auuucaaguagauagucca auuucaaguagauagucca auuucaaguagauaguccac auuucaaguagauaguccac . auuucaaguagauaguccac . auuucaaguagauaguccac . auuucaaguagauaguccac . auuucaaguagauaguccaca . auuucaaguagauaguccaca . auuucaaguagauaguccacau . auuucaaguagauaguccacag	ccugucacuaucuacuugaauu ccugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauu cugucacuaucuacuugaauugaugucacuaucuacuugaauuugucacuaucuacuugaauugucacuaucuacuugaauugucacuaucuacuugaauugucacuaucuacuugaau	2 1 5 3 1 2 2 1 4 1 1 1 1 1 1 7 1 1 1 4 2 5 1 1 1 1 1 1 1 1 2 5 1 1 1 1 1 2 5 1 1 1 2 5 1 1 1 2 5 1 1 1 2 5 1 1 1 2 5 1 1 2 2 1 1 2 2 2 1 2 1	1 1 1 0 0 0 0 0 0 1 0 1 1 1 0 1 1 0 1 0	\$01 \$01 \$01 \$01 \$01 \$01 \$01 \$01

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uugacucacaguccuuuuc <mark>auuucaaguagauaguccacagccuuuaacc</mark> cugucacuaucuacuugaauugaa			
auuucaaguaUauaguccacagc	1	1	s17
auuucaUguagauaguccacagc	1	1	s17
auuucaaguagauGguccacagc	3	1	s 17
auuucaaguagauaguccacagcG	1	1	s 17
auuucaaguCgauaguccacagcc	1	1	s17
auuCcaaguagauaguccacagcc	1	1	s 17
auuucaaguagauaguccacagcc	41	0	s 17
auuucaaguagauaguccacagcA	5	1	s17
auuucaaguagauaguccacagcU	25	1	s17
auuucaaguagauaguccacagccu	6	0	s17
auuucaaguagauaguccacagccA	3	1	s 17
uuucaaguagauaguccacagA	2	1	s 17
Cuucaaguagauaguccacagcc	1	1	s17
uuucaaguagauaguccacagccu	1	0	s17
uuuaacGcugucacuaucuacuugaauuga	1	1	s17
uuuaacccugucacuaguugaauuga	1	0	s17
	3	0	s17
Cugucacuaucuacuugaauu	4	0	s17
.cugucacuaucuacuugaauuA	1	1	s17
	2	0	s17
ugucacuaucuacuugaauug	4	0	s17
gucacuaucuacuugaauug	1	0	s17
auuucaaguagauagucc	3	0	s12
auuucaaguagaaugucU	3	1	s12
auuucaaguagauagucca	18	0	s12
auuucaaCuagauaguccac	1	1	s12
auuucaaguagauaguccac	42	0	s12
auuucaaguagauaguccaU	9	1	s12
auuucaaAuagauaguccac	1	1	s12
auuucaaguagauaguccaA	1	1	s12
auuucaaguagauaguccacC	2	1	s12
auuucaaguagauaguccacU	9	1	s12
auuucaaguagauaguccaca	43	0	s12
Cuuucaaguagauaguccaca	1	1	s12
auuucaaguagauaguGcaca	1	1	s12
auuucaGguagauaguccaca	2	1	s12
auuucaaguagauaguccacaA.	3	1	s12
auuCcaaguagauaguccacag.	1	1	s12
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auuucaaguagauaguccacUg.	1	1	s12
auuucGaguagauaguccacagc.	1	1	s12
auuucaaguagauaguccacaAc.	2	1	s12
auuucaaguagauagAccacagc.	2	1	s12
auuCcaaguagauaguccacagc.	1	1	s12
auuucaaguagauaguccacagA.	12	1	s12
auuucaaguagauagGccacagc.	1	1	s12
auuucaaguagauaguccacaUc.	1	1	s12
aCuucaaguagauaguccacagc.	2	1	s12
auuucaaguagauaguccacaCc.	1	1	s12
auuucaaguagaGaguccacagc.	2	1	s12
auuucaaguagauaguccacagU.	85	1	s12
auuucaaguagauaguccaUagc.	1	1	s12
auuucaaguagauaguccacagc.	165	0	s12
	1	1	s12
auuucaaguagauaguccacagG.	1	1	s12
auuucaaguagauaguccacagcG.		1	s12
	4		
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auuucaaguagauaguccacagcA			s12 s12
auuucaaguagauaguccacagcA	17	1	
auuucaaguagauaguccacagcAauuucaGguagauaguccacagcc	17 2	1 1	s12
auuucaaguagauaguccacagcA	17 2 1	1 1 1	s12 s12
auuucaaguagauaguccacagcA. auuucaGguagauaguccacagcc. auuucaaguagauagCccacagcc. auuucaaguagauaguccacagcc.	17 2 1 80	1 1 1 0	s12 s12 s12
auuucaaguagauaguccacagcA. auuucaGguagauaguccacagcc. auuucaaguagauagCccacagcc. auuucaaguagauaguccacagcc. auuucaaguagauaguccacagcc.	17 2 1 80 3	1 1 1 0	s12 s12 s12 s12
auuucaaguagauaguccacagcA	17 2 1 80 3	1 1 0 1	s12 s12 s12 s12 s12
auuucaaguagauaguccacagcA auuucaaguagauaguccacagcc auuucaaguagauaguccacagcc auuucaaguagauaguccacagcc auuucGaguagauaguccacagcc auuucaaguagauaguccacagcc auuucaaguagauaguccacagAc	17 2 1 80 3 1	1 1 0 1 1	s12 s12 s12 s12 s12 s12
auuucaaguagauaguccacagcA auuucaaguagauaguccacagcc auuucaaguagauaguccacagcc auuucaaguagauaguccacagcc auuucaaguagauaguccacagcc auuucaaguagauaguccacagcc auuucaaguagauaguccacagAc auuucaaguagauaguccacagCU auuucaaguagauaguccacagcCU	17 2 1 80 3 1 67	1 1 0 1 1 1	s12 s12 s12 s12 s12 s12 s12
auuucaaguagauaguccacagcA auuucaaguagauaguccacagcc auuucaaguagauaguccacagcc auuucaaguagauaguccacagcc auuucaaguagauaguccacagcc auuucaaguagauaguccacagAc auuucaaguagauaguccacagCU auuucaaguagauaguccacagccu auuucaaguagauaguccacagccu	17 2 1 80 3 1 67 6	1 1 0 1 1 1 0	s12 s12 s12 s12 s12 s12 s12 s12
auuucaaguagauaguccacagcA auuucaGguagauaguccacagcc auuucaaguagauagCccacagcc auuucGaguagauaguccacagcc auuucGaguagauaguccacagcc auuucGaguagauaguccacagcc auuucaaguagauaguccacagcc auuucaaguagauaguccacagcu auuucaaguagauaguccacagccu auuucaaguagauaguccacagccu auuucaaguagauaguccacagccc	17 2 1 80 3 1 67 6 4 15	1 1 0 1 1 1 0 1	s12 s12 s12 s12 s12 s12 s12 s12 s12

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uugacucacaguccuuuuc <mark>auuucaaguagauaguccacagccuuuaac</mark> ccugucacuaucuacuugaauugaa			
auuucaaguagauaguccacagcAuu	1	1	s12
auuucaaguagauaguccacagccuu	1	0	s12
auuucaaguagauaguccacagccAuu	6	1	s12
auuucaaguagauaguccacagccuuuaac	1	0	s12
uuucaaguagauaguccac	2	0	s12
uuucaaguagauaguccacU	1	1	s12
	2	0	s12
	1	1	s12
.uuucaaguagauaguccacagU	2	1	s12
.uuuUaaguagauaguccacagcc	1	1	s12
.uuucaaguagauaguccacagcU	10	1	s12
uuucaaguagauaguccacagcc	1	0	s12
	2	0	s12
uuucaaguagauaguccacagccC	1	1	s12
uuucaaguagauaguccacagccA	1	1	s12
.uucaaguagauaguccaca	1	0	s12
.uucaaguagauaguccacG.	1	1	s12
.uucaaguagauaguccacagU	3	1	s12
.uucaaguagauaguccacagc	2	0	s12
.uucaaguagauaguccacagcA	1	1	s12
ucaaguagauaguccacagU.	1	1	s12
uuuaacccugucacuaucuacuugaauu	1	0	s12
uuuaacccugucacuaucuacuugaauug	1	0	s12
uuuaacccugucacuaucuacuugaauugU	1	1	s12
uuuaacccugucacuaucuacuugaauuga	4	0	s12
uuuaacccugucacuaucuacuugaauugG.	1	1	s12
.uuaacccugucacuaucuacuugaauu.	2	0	s12
cccugucacuaucuacuugaau	1	0	s12
cccugucacuaucuacuugaCuu.	1	1	s12
cccugucacuaucuacuugaauu	4	0	s12
	4	0	s12
ccugucacuaucuacuugaauC	3	1	s12
ccugucaUuaucuacuugaauu	1	1	s12
ccugucacuaucuacuugaauu	11	0	s12
ccugucacuaucuacuugaauug	2	0	s12
ccugucacuaucuacuCgaauug	1	1	s12
cugucacuaucuacuugaau	14	0	s12
cugucacuaCcuacuugaau	1	1	s12
cugucacAaucuacuugaau	1	1	s12
cugucacuaucuaAuugaauu	1	1	s12
cugucacuaucuacuugaaGu	1	1	s12
cugucacuauuugaauC	11	1	s12
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.cugucacuaucuacuugaauuA	2	1	s12
.cugucacuaucuacuugaauuU	3	1	s12
cugucacuaucuacuugaauuga	25	0	s12
.cugucacuaucuacuuqaauuqC	2	1	s12
gucacuaucuacuugaauugU	17	1	s12
.cugucacCaucuacuuga	1	1	s12
	2	1	s12
.cugucacuaucuacuugaauugG	1	1	s12
	1	1	s12 s12
. Augucacuauugaauuga	163	1	s12 s12
	5	1	s12 s12
cugucacuacuugaauugaG		0	
cugucacuauuugaauugaa	3		s12
cugucacuacuugaauugaC	28	1	s12
cugucacuacuugaauugaaU	7	1	s12
cugucacuauuugaauugaaaU	1	1	s12
ugucacuauuugaaC	2	1	s12
ugucacuauuugaau	30	0	s12
ugucacuauuugaGu	2	1	s12
ugucacuaucuacGugaauu	1	1	s12
ugucacuaucuacAugaauu	1	1	s12
ugucacuaucuacuugaauu	29	0	s12
uUucacuauuugaauu	1	1	s12
ugucacuauuugaauC	1	1	s12
ugucacuaucuacuugaauG.	1	1	s12

Mature S	tar			
uugacucacaguccuuuucauuucaaguagauaguccacagccuuuaacccu	ngucacuaucuacuugaauugaaaaugucugcacauaaaucaauguugucuuaguuuaauu			
u	ngucacuaucuacuugaauuU	1	1	s12
u	ngucacuaucuacuugaauuA	1	1	s12
	gCcacuaucuacuugaauug	2	1	s12
	gucacuaucuacuugaauug	8	0	s12
	gucacuaucuacAugaauug		1	
		1		s12
	gucacuaucuacuugaauugU	10	1	s12
u	gucacuaucuacuugaauuga	15	0	s12
u	gucacuaucuacuugaauugC	1	1	s12
u	ngucacuaucuacuCgaauuga	1	1	s12
u	gucacuaucuacuugaauugG	1	1	s12
u	ngucacuaucuacuugaauugaU	3	1	s12
u	gucacuaucuacuugaauugaaC	3	1	s12
	gucacuaucuacuugaauugaaU	1	1	s12
		_	-	512
211111422241244144		2	0	a1.2
				s13
		1	1	s13
auuucaaguagauagucA		3	1	s13
auuucaaguagauagucca		33	0	s13
auCucaaguagauagucca		2	1	s13
Uuuucaaguagauagucca		1	1	s13
auuucaaguagauaguGca		1	1	s13
auuCcaaguagauagucca		2	1	s13
auuucaaguagauaguccaU		21	1	s13
		2	1	s13
		1	1	s13
• • •				
		109	0	s13
auuucaaguagauaAuccac		1	1	s13
auuucaaguagauaguAcac		1	1	s13
auuucaaguagauaguccaA		2	1	s13
auuucaaguagaCaguccac		1	1	s13
auuucaaguagauaguccaGa		1	1	s13
auuucaaguagauaguGcaca		1	1	s13
auuucaaguagGuaguccaca		1	1	s13
		7	1	s13
		1	1	s13
			1	
		1		s13
		1	1	s13
auuucaaguagauaguccaca		120	0	s13
auuucaaguagauaguAcaca		1	1	s13
auCucaaguagauaguccaca	•••••	1	1	s13
auuucaaguagauaguccacU		28	1	s13
Guuucaaguagauaguccaca		2	1	s13
auuucaaguagauaguccacag		25	0	s13
auuucaaguagauaguccacaC		1	1	s13
		25	1	s13
		72	0	s13
		14	1	s13
		3	1	s13
auuucaaguagauagCccacagcc		1	1	s13
auuucaaguagauaguccacagUc		1	1	s13
auuucaaguagauaguccacagcU		9	1	s13
auuucaaguagauaguccacagcA		1	1	s13
auuucaaguagauaguGcacagcc		2	1	s13
auuucaaguagauaguccacagcc		25	0	s13
auuucaaguagauaguccacagccA		6	1	s13
		1	1	s13
		1	1	s13
		2	0	s13
		1	1	s13
		2	0	s13
		1	1	s13
uuucaaguagauaguccacagcU		1	1	s13
uucaaguagauaguccac		4	0	s13
uucaaguagauaguccaca		1	0	s13
uucaaguagauaguccacag		2	0	s13
uucaaguagauaguccacaA		1	1	s13
		2	0	s13
		1	1	s13
	ngucacuaucuacuugaauCg	1	1	s13
	gucacuaucuacuugaaucg	1	0	s13
uuuaacccu	.yucucuuucuacuuyaauuy	-	U	SIS

mature Star			
uugacucacaguccuuuucauuucaaguagauaguccacagccuuuaacccugucacuaucuacuugaauugaaaugucugcacauaaaucaauguugucuuaguuuaauu			
.uuuaacccugucacuauuuacuugaauuA	1	1	s13
uuuaacccugucacuaucuacuugaauuC	1	1	s13
uuuaacccugucacuaucuacuugaauuga	14	0	s13
uuaacccugucacuaucuacuugaauGga	3	1	s13
uuuaacccugucacuaucuacuugaauugC.	1	1	s13
guuaacccugucacuaucuacuugu	2	1	s13
	1	0	
			s13
uaacccugucacuauuuacuugaauu.	4	0	s13
.acccugucacuauuuacuugaauu.	2	0	s13
.ccugucacuacuugaauug	1	0	s13
Acugucacuaucuagaauu	1	1	s13
ccugucacuaucuacuugaauC	1	1	s13
ccugucacuaucuacuugaauu	8	0	s13
ссидисасиансиасиндааний.	2	1	s13
cugucacuaucuacuugaU.	1	1	s13
cugucaAuaucuacuugaau	1	1	s13
	8	0	s13
cugucacuacuugaau			
cugucacuauqaacu.	4	1	s13
cugucacuaucuacuugaauu	12	0	s13
. Uugucacuauuugaauu.	1	1	s13
	1	1	s13
eugucacuauuugaauug	2	0	s13
cugucacuaucuacuugaauuU	1	1	s13
cugucacuaucuacuugaauuga	9	0	s13
cugucacuaucuacuugaauugU	1	1	s13
cugucacuaucuacuugaau	3	1	s13
ugucacuaucuacuuAaau	1	1	s13
ugucacuaucuacuugaau	18	0	s13
.ugucacuaCcuacuugaau.	1	1	s13
.ugucacuauuugaaC	1	1	s13
ugucacCaucuacuugaau	1	1	s13
ugucacuauuugaauA	1	1	s13
ugucacuaucuacuugaaGu	2	1	s13
ugucacuaucuacuugaauu	8	0	s13
.ugucacuaucuacuugaauug.	7	0	s13
.ugucacuaucuacuugaauuC.	1	1	s13
uAucacuaucuacuugaauuga	1	1	s13
.ugucacuauuugaauuga	8	0	s13
.ugucacuauuugaauugU	3	1	s13
. ugucGcuaucuacuugaauuga	1	1	s13
ugucacuauuugua	1	1	s13
ugucacuauugaauugaaU	2	1	s13
cauuucaaguagauaguccacagc	1	0	s19
auuucaaguagucca	7	0	s19
auuucaaguagauaguGcac	1	1	s19
auuuUaaguagauaguccac	1	1	s19
	24	0	s19
auuucaaguagauaguccac			
auuCcaaguagauaguccac	4	1	s19
.auuucaaguagauaguccaU	7	1	s19
.auuucaaguagauGguccac	1	1	s19
auuucaaguagauaguccaca	30	0	s19
auuucaaguagauaguccacUauuucaaguagauaguccacU	2	1	s19
	1	1	s19
auuucaaguagauaguccacaU	1	1	s19
auuucaaguaguccCcag	1	1	s19
auuucaaguagauaguccacag	6	0	s19
auuucaaguagauagucAacagc	1	1	s19
	1	1	s19
auuucaaguagauaguccUcagc			
auuucaaguagauaguccGcagc	1	1	s19
auuucaaguagauaguccacagU	19	1	s19
auuucaaguagauaguccacagc	62	0	s19
auuucaaguagauaguGcacagc	4	1	s19
auuucaaguagauaguccacagA	8	1	s19
auuucaaguagauaguccacagAc	1	1	s19
auuucaaguagauaguccacagcc	24	0	s19
auuucaaguagauaguccacagcA	9	1	s19
auuucaaguagaCaguccacagcc	1	1	s19
auuucaaguagauaguccacagcU	14	1	s19
auuucaaguagauaguccacagcAu	2	1	s19
		_	222

Mature Star				
uugacucacaguccuuuucauuucaaguagauaguccacagccuuuaacccugucacuau	uacuugaauugaaaaugucugcacauaaaucaauguugucuuaguuuaauu			
auuucaaguagauaguccacagccA		11	1	s19
auuucaaguagauaguccacagccAu		1	1	s19
auuucaaguagauaguccacagccAuu		1	1	s19
uuucaaguagauaguccaca		2	0	s19
uuucaagaagauaguccacagccuuuaacA		2	1	s19
uucaaguagauaguccac		2	0	s19
uucaaguagauaguccaca		1	0	s19
uucaaguagauaguccacagcA	•••••	1	1	s19
uuuaacccugucacuau	uacuugaauuga	1	0	s19
uuuaacccugucacuau	uacuugaauugU	2	1	s19
ccugucacuauc	uacuugaauu	4	0	s19
ccugucacuauc	uacuugaauC	1	1	s19
cugucacuauc	uacuugaau	1	0	s19
cugucacuauc	uacuugaauu	9	0	s19
	uacuugaauugU	2	1	s19
	uacuugaauuga	4	0	s19
	uacuugaauugC	1	1	s19
	uacuugaauugaU	5	1	s19
ugucacuauc	uacuugGau	1	1	s19
ugucacuaud	uacuugaau	6	0	s19
ugucacuauc	uacuugaauu	6	0	s19
ugucacuauc	uacuugaauug	6	0	s19
Agucacuaud	uacuugaauug	1	1	s19
ugucacuaud	uacuugaauuga	6	0	s19
ugucacuauc	uacuugaauugU	12	1	s19
	uacuugaauugaU	1	1	s19
ugucacuauc		1	1	s19
	uaouuguuuguuo	-	-	525
		2	1	-14
auuucaaguagauaguccaU		3		s14
auuucaaguagauaguccac		4	0	s14
auuucaaguagauaguccaca		4	0	s14
auuucaaguagauaguccacU		1	1	s14
auuucaaguagauaguccacag	•••••	4	0	s14
auuucaaguagauaguccacagc		30	0	s14
auuucaaguagauaguccacaAc		1	1	s14
auuucaaguagauaguccacGgc		1	1	s14
aGuucaaguagauaguccacagc		1	1	s14
auuucaaguagauaguccacagA		2	1	s14
auuCcaaguagauaguccacagc		1	1	s14
auuucaaguagauaguccCcagc		4	1	s14
		6	1	
auuucaaguagauaguccacaguauuucaaguagauaguccUcagcc	•••••	1	1	s14 s14
	•••••	36	0	s14
auuucaaguagauaguccacagcU		14	1	s14
auuucaaguagauaguccacGgcc		1	1	s14
auuucaaguagGuaguccacagcc		1	1	s14
auuucaaguagauaguccacagcA		5	1	s14
auuucaaguagauaguccacagccA		2	1	s14
uucaaguagauaguccacag		1	0	s14
uuuaacccugucacuauc	uacuugaauug	2	0	s14
uuuaacccugucacuauc		3	0	s14
		1	1	s14
		1	0	s14
	-	3	1	s14
cCgucacuauc		2	1	s14
ugucacuaud	-	1	0	s14
ugucacuaud	uacuugaauugU	2	1	s14
ugucacuaud	uacuugaauuga	1	0	s14