



Star

	obs		
	exp		
	known	reads	mm
cgacgaaggguucaagacc <u>ucaauuccguagugcauugcagugcau</u> uugccccugcaagcagugcggaagugagguuuaagacacucuaaagcagcgauucaagacu			
cgacgaaggguucaagacc <u>ucaauuccguagugcauugcagugcau</u> uugccccugcaagcagugcggaagugagguuuaagacacucuaaagcagcgauucaagacu			
cgacgaaggguucaagacc <u>ucaauuccguagugcauugcagugcau</u> uugccccugcaagcagugcggaagugagguuuaagacacucuaaagcagcgauucaagacu			
.....(((((((.(.((((((.(((((((.(((((((.((((..)))..))))))))).)))))).)))))).)))))).....			
.....ucaauuccguagugcauug.....		2	0
.....ucaauuccguagugcauugcagu.....		1	0
.....ucaauuccguagugcauu.....		3	0
.....ucaauuccguaUugcauug.....		1	1
.....ucaauuccguagugcauug.....		144	0
.....ucUauuccguagugcauug.....		1	1
.....ucaauuccguagugcaAugc.....		1	1
.....ucUauuccguagugcauugc.....		1	1
.....ucaauuccguagugcauugc.....		56	0
.....ucaauuccguagugcauugUa.....		1	1
.....ucaauuccguagugcauugca.....		41	0
.....uccaaGuccguagugcauugca.....		1	1
.....ucCauuccguagugcauugca.....		1	1
.....ucaauuccguagugcauugcag.....		54	0
.....ucaauuccguagugcauugcagu.....		111	0
.....ucaauucUguagugcauugcagu.....		1	1
.....uccaaCuccguagugcauugcagu.....		1	1
.....ucaauuccguagugcauugcaguU.....		1	1
.....ucaauuccguagugcauugcagug.....		2	0
.....aaauuccguagugcauugcagu.....		1	0
.....ugcaagcagugcggaagugagg.....		13	0
.....caagcagugcggaagugaggu.....		1	0
.....caagcagugcggaagugagguu.....		4	0
.....ucaauuccguagugcauug.....		36	0
.....ucaauuccguagugcauugc.....		3	0
.....ucaauuccguagugcauugca.....		10	0
.....ucaauuccguagugcauugcag.....		10	0
.....ucaauuccguagugcauugcagu.....		42	0
.....ucaauuccguagugcauugcaguU.....		1	1
.....ugcaagcagugcggaagugagg.....		6	0

## Mature

## Star

cgacgaaggguucaagacc <u>ucaauuccguagugcauugcagugcau</u> cuugcccccugcaagcagugcggaagugagguuaagacacucuaaagcagcgauucaagacu			
.....caagcagugcggaagugagguu.....	4	0	H03
.....ucaauuccguagugcauu.....	1	0	H14
.....ucaauuccguagugcauug.....	73	0	H14
.....ucaauuccgua <u>U</u> ugcauug.....	1	1	H14
.....ucaauuccguagugcauugU.....	1	1	H14
.....ucaauuccguagugcauugc.....	24	0	H14
.....ucaauuccguaguUcauugc.....	1	1	H14
.....ucUauuccguagugcauugca.....	1	1	H14
.....ucaauuccguagugcauugca.....	40	0	H14
.....ucaauuccgua <u>U</u> ugcauugcag.....	1	1	H14
.....ucaauuccguagugca <u>U</u> gcaag.....	1	1	H14
.....ucaauuccguagugcauugcag.....	23	0	H14
.....ucaauuccguagugcauugcagu.....	113	0	H14
.....uccaa <u>A</u> uccguagugcauugcagu.....	1	1	H14
.....ucaauuccguagugGauugcagu.....	1	1	H14
.....ucaauuccguagugcaGugcagu.....	1	1	H14
.....ucaauuccguagugcauuA <u>c</u> agu.....	1	1	H14
.....ucaauuccguagugcauugcaguU.....	1	1	H14
.....aa <u>u</u> uccguagugcauugca.....	1	0	H14
.....aa <u>u</u> uccguagugcauugcag.....	1	0	H14
.....uuccguagugcauugcagu.....	1	0	H14
.....ugcaagcagugcggaagug.....	1	0	H14
.....ugcaagcagugcggaagugagg.....	10	0	H14
.....caagcagugcggaagugagguu.....	4	0	H14
.....ugcaagcagugcggaagu.....	1	0	A63
.....cucaauuccguagugcauugcag.....	1	0	H12
.....ucaauuccguagugca <u>U</u> g.....	1	1	H12
.....ucaauuccguagugcauuU.....	3	1	H12
.....ucaauuccguagugcauug.....	87	0	H12
.....ucaauuccguagugcauugc.....	17	0	H12
.....ucaauuccguagugcaGugca.....	1	1	H12
.....ucaauuccguagugcauuA <u>c</u> a.....	1	1	H12
.....ucaauuccguagugcauugca.....	37	0	H12
.....ucaauuccguagugcauugcag.....	29	0	H12
.....ucCauuccguagugcauugcagu.....	1	1	H12
.....ucaauucUguagugcauugcagu.....	1	1	H12
.....ucaauuccguagugcauuUcagu.....	1	1	H12
.....ucaauuccguagugAauugcagu.....	1	1	H12
.....ucaauuccguagugcauugcagu.....	105	0	H12
.....ucaauuccguagugcaCugcagu.....	1	1	H12
.....ucaauuccguagugcauugcagug.....	1	0	H12
.....Ccaauuccguagugcauugcagugcauuc <u>u</u> gccccu.....	1	1	H12
.....ugcaagcagugcggaagugagg.....	6	0	H12
.....ugcaagcagugcggaagugaggA.....	1	1	H12
.....caagcagugcggaagugagguu.....	2	0	H12
.....ccucaauuccguagugcauug.....	2	0	H24
.....Aucaauuccguagugcauug.....	1	1	H24
.....ucaauuccguagugcauug.....	140	0	H24
.....ucaauuccguagugcauuC.....	1	1	H24
.....ucCauuccguagugcauug.....	1	1	H24
.....ucaauuccguagugcauugU.....	1	1	H24
.....ucaauuccguagugcauugc.....	54	0	H24
.....ucaauuccguagugcauugca.....	23	0	H24
.....ucaauuccguagugcauugUa.....	1	1	H24
.....ucaauCccguagugcauugca.....	1	1	H24
.....ucaauuccguagugGauugca.....	1	1	H24
.....ucCauuccguagugcauugca.....	1	1	H24
.....ucaauuccguagugcauugcaU.....	1	1	H24
.....ucaauuccguagugcauugcag.....	48	0	H24
.....ucaagUccguagugcauugcagu.....	2	1	H24
.....Ccaauuccguagugcauugcagu.....	1	1	H24
.....ucCauuccguagugcauugcagu.....	2	1	H24
.....ucaauuccguagugcauugcagu.....	93	0	H24
.....ucUauuccguagugcauugcagu.....	1	1	H24
.....aa <u>u</u> uccguagugcauugc.....	1	0	H24
.....ugcaagcagugcggaagugagg.....	4	0	H24

## Mature

## Star

cgacgaaggguucaagaccucaaauccguagugcauugcagugcaucuugcccccugcaagcagugcggaagugagguu	1	1	H24
.....ugcaagcagugcgUaagugagg.....	3	0	H24
.....caagcagugcggaagugagguu.....			
.....ucaauuccguagugcauug.....	1	0	A22
.....ccucaauuccguagugcauug.....	2	0	H51
.....ccucaauuccguagugcauugc.....	1	0	H51
.....cucaaauuccguagugcauugc.....	1	0	H51
.....ucaauuccguagugcauu.....	2	0	H51
.....ucaauuccguaguCcauug.....	1	1	H51
.....ucaauuccguagugcauuU.....	1	1	H51
.....ucUauuccguagugcauug.....	1	1	H51
.....ucCauuccguagugcauug.....	1	1	H51
.....ucaauuccguagugcauug.....	148	0	H51
.....ucaauuccguagugcauugc.....	80	0	H51
.....ucaauuccguagugUauugc.....	1	1	H51
.....uGaaauuccguagugcauugc.....	1	1	H51
.....ucaauuccguaguUcauugc.....	1	1	H51
.....ucaauuccguagugcauugU.....	4	1	H51
.....ucaauuccguagugcauugca.....	34	0	H51
.....ucaauuccguagugcauugcG.....	1	1	H51
.....ucaauuccguagugUauugca.....	1	1	H51
.....ucaauuccguagugcauugcU.....	3	1	H51
.....ucaauuccguagugcauugUa.....	4	1	H51
.....ucaauuccguagugcauugcag.....	28	0	H51
.....ucaauuccguagugcaAugcag.....	1	1	H51
.....ucaauuccguagugcauugcaA.....	1	1	H51
.....ucaauuccguagugcauugcaU.....	1	1	H51
.....ucaauuccguagugcauugcagu.....	158	0	H51
.....ucaauuccguagugcauuUcagu.....	2	1	H51
.....ucaauuccguagugcauugcaguU.....	2	1	H51
.....ucaauuccguagugcauugcaguA.....	1	1	H51
.....aaauccguauUgcauugc.....	1	1	H51
.....aaauccguagugcauugcag.....	2	0	H51
.....auuccguagugcauugcagu.....	1	0	H51
.....ugcaagcagugcggaagug.....	2	0	H51
.....caagcagugcggaagugagguu.....	4	0	H51
.....ucaauuccguagugcauug.....	2	0	R71
.....ucaauuccguagugcauugcagu.....	1	0	A31
.....ugcaagcagugcggaagug.....	2	0	A31
.....ccucaauuccguagugcauug.....	2	0	H72
.....cucaaauuccguagugcauug.....	1	0	H72
.....cucaaauuccguagugcauugcagu.....	2	0	H72
.....ucaauuccguagugcaAug.....	1	1	H72
.....ucaauuccguagugcauuC.....	1	1	H72
.....ucaauuccgAagugcauug.....	1	1	H72
.....ucaauuccguagugcauug.....	1	1	H72
.....ucaauuccguagAgcauug.....	1	1	H72
.....ucaauuccguagugcauug.....	114	0	H72
.....ucaauuccguagugcauuU.....	1	1	H72
.....ucaauuccguaguCcauug.....	1	1	H72
.....ucaauuccguauCugcauugc.....	1	1	H72
.....ucaauuccguagugcauugc.....	24	0	H72
.....ucaauuccguagugcauugca.....	20	0	H72
.....ucaauuccguagugcauugcag.....	16	0	H72
.....ucGauuccguagugcauugcagu.....	1	1	H72
.....ucaauuccguagugcauugcagu.....	171	0	H72
.....ucaauuccgGagugcauugcagu.....	1	1	H72
.....ucaauuccguagugcauugcagu.....	1	1	H72
.....ucaauuccguagugcauuAcagu.....	1	1	H72
.....ucaauuccguagugcauugcaguU.....	3	1	H72
.....ucaauuccguagugcauugcagugcaucuugcccc.....	1	0	H72
.....ucaauuccguagugcauugcagugcaucuugcccccu.....	2	0	H72
.....aaauccguagugcauugcagu.....	1	0	H72
.....aaauccguagugcauugcaguU.....	1	1	H72
.....ugcaagcagugcggaagugagg.....	14	0	H72
.....ugcaagcagugcggaagugaggA.....	1	1	H72

## Mature

## Star

cgacgaaggguucaagaccucaauuccguagugcauugcagugcaucuugccccugcaagcagugcggaagugagguuaagacacucuaaagcagcgauucaagacu			
.....ugcaagcagugcggaagugagguu.....	1	0	H72
.....caagcagugcggaagugaggu.....	1	0	H72
.....caagcagugcggaagugagguu.....	6	0	H72
.....caagcagugcggaagugagguua.....	1	0	H72
.....ccucaauuccguagugcauug.....	1	0	H32
.....ucaauuccguagugcauuA.....	3	1	H32
.....uccaaCuccguagugcauug.....	1	1	H32
.....ucaauuccguagugcauug.....	51	0	H32
.....ucCauuuccguagugcauug.....	1	1	H32
.....ucaauuccguagugcauugc.....	34	0	H32
.....ucaauuccguagugcauugca.....	16	0	H32
.....ucaauuccguagugcauugcag.....	16	0	H32
.....ucaauuccguagugcauugcagu.....	57	0	H32
.....ucaauuccguagugcauugcagug.....	1	0	H32
.....ucaauuccguagugcauugcaguU.....	1	1	H32
.....aaauuccguagugcauugcagu.....	1	0	H32
.....ugcaagcagugcggaagugagg.....	5	0	H32
.....caagcagugcggaagugagguu.....	1	0	H32
.....ucGauuuccguagugcauug.....	2	1	H52
.....ucaauuccguaUugcauug.....	1	1	H52
.....ucCauuuccguagugcauug.....	1	1	H52
.....ucaauuccguagugcauug.....	115	0	H52
.....ucGauuuccguagugcauugc.....	1	1	H52
.....ucaauuccguagugcauugc.....	52	0	H52
.....ucaauuccguagugcauugU.....	1	1	H52
.....ucaauuccguagugcauugUa.....	4	1	H52
.....ucaauuccguagugcauugcU.....	1	1	H52
.....ucaauuccguagugcauugca.....	25	0	H52
.....ucaauuUcguagugcauugca.....	1	1	H52
.....ucaauuccguagugcauugcaU.....	1	1	H52
.....ucaauuccguagugcauugcag.....	18	0	H52
.....ucaauuccguagugcauugcagu.....	71	0	H52
.....ucCauuuccguagugcauugcagu.....	1	1	H52
.....caauuccguagugcauugcagu.....	1	0	H52
.....aaauuccguagugcauugcagu.....	1	0	H52
.....ccucaauuccguagugcauug.....	1	0	H61
.....ucaauuccguagugcauug.....	30	0	H61
.....ucaauuccguagugcauugc.....	20	0	H61
.....ucaauuccguagugcauugca.....	17	0	H61
.....ucaauuccguagugcauugcag.....	18	0	H61
.....ucaauuccguagugcauugcaA.....	1	1	H61
.....ucaauuccgAagugcauugcag.....	1	1	H61
.....ucaauuccguagugcauugcagu.....	56	0	H61
.....ucaauuccguagugcauugcaguU.....	2	1	H61
.....ucaauuccguagugcauugcagug.....	1	0	H61
.....ugcaagcagugcggaagug.....	1	0	H61
.....ugcaagcagugcggaagugag.....	1	0	H61
.....ugcaagcagugcggaagugagg.....	7	0	H61
.....caagcagugcggaagugagguu.....	1	0	H61
.....ucaauuccguagugcauug.....	1	0	A61
.....ccucaauuccguagugcauug.....	4	0	E23
.....ccucaauuccguagugcauugc.....	1	0	E23
.....cucaauuccguagugcauug.....	1	0	E23
.....ucaauuccguagugcaCug.....	1	1	E23
.....ucaauCccguagugcauug.....	1	1	E23
.....ucaauuccguagugcaAug.....	1	1	E23
.....ucaauuccguagugcauug.....	121	0	E23
.....ucaauuccguagugAauug.....	1	1	E23
.....ucaauuccguagugcauugc.....	22	0	E23
.....ucaauuccguagugcauugca.....	35	0	E23
.....ucaauuccguagugcGuugca.....	1	1	E23
.....ucaauuccguagugcauugcag.....	29	0	E23
.....ucaauuccguagugcauugcaU.....	1	1	E23
.....ucGauuuccguagugcauugcag.....	1	1	E23
.....ucaauucGguagugcauugcag.....	1	1	E23

## Mature

## Star

cgacgaaggguucaagacc <u>ucaauuccguagugcauug</u> cgagugcau <u>cuugccccc</u> ugcaagcagugcggaagugagguuaagacacucuaaagcagcgauucaagacu			
.....ucaauuccguagugcauugAagu.....	1	1	E23
.....ucaauuccguagugcaCugcagu.....	1	1	E23
.....ucaauuccguagugcauugcagu.....	86	0	E23
.....ucaauuccguagugGauugcagu.....	1	1	E23
.....ucaauuccguagugcauugcagug.....	1	0	E23
.....ucaauuccguagugcauugcaguU.....	2	1	E23
.....uuccguagugcauugcagu.....	1	0	E23
.....ugcaagcagugcggaagugagg.....	4	0	E23
.....caagcagugcggaagugagguu.....	6	0	E23
.....ucGauuccguagugcauug.....	1	1	H02
.....ucaauuccGuagugcauug.....	1	1	H02
.....ucaauuccguagugcauug.....	30	0	H02
.....ucUauuccguagugcauug.....	1	1	H02
.....ucaauuccguagugcauugc.....	4	0	H02
.....ucaauuccguagugcauugca.....	9	0	H02
.....ucaauuccguagugcauugcag.....	9	0	H02
.....ucaauuccguagugcauugcagu.....	33	0	H02
.....ucaauuccguagugcaCugcagu.....	1	1	H02
.....ucaauuccguagugcauuCcagu.....	1	1	H02
.....ucaauuccguagugcauugcagug.....	1	0	H02
.....ugcaagcagugcggaagugagg.....	5	0	H02
.....ugcaagcagugcggaaguUagg.....	1	1	H02
.....caagcagugcggaagugagguu.....	1	0	H02
.....ucaauuccguagugcauug.....	1	0	B02
.....ccucaauuccguagugcauug.....	1	0	H21
.....ucGauuccguagugcauug.....	1	1	H21
.....ucaauuccguagugcauug.....	68	0	H21
.....ucaauuccguagugcauugU.....	1	1	H21
.....ucaauuccguagugcauugc.....	19	0	H21
.....ucaauuccguagugcauugca.....	14	0	H21
.....ucaauuccguagugcauugcag.....	16	0	H21
.....ucaauuccguaguCcauugcagu.....	1	1	H21
.....ucaauuccguagugcauugcagu.....	30	0	H21
.....ucaauuccguagugcauugcagugcauc <u>uugcccc</u> .....	1	0	H21
.....ugcaagcagugcggaagugagg.....	2	0	H21
.....ugcaagcagugcggaagugaggAu.....	1	1	H21
.....ccucaauuccguagugcauug.....	2	0	E22
.....cucaauuccguagugcauugcagu.....	1	0	E22
.....ucaauuccguagugcauu.....	1	0	E22
.....ucaauCccguagugcauug.....	1	1	E22
.....ucaauuccguagugcauug.....	277	0	E22
.....ucaauuccguagugcaGug.....	2	1	E22
.....ucGauuccguagugcauug.....	1	1	E22
.....ucaauuccguagugcauuU.....	1	1	E22
.....ucaauuccguagugUauug.....	1	1	E22
.....ucaauuA <u>cg</u> uagugcauug.....	1	1	E22
.....ucaauuccguagugcauugc.....	84	0	E22
.....ucaauuccguagugUauugca.....	1	1	E22
.....ucaauuccguagugcauugca.....	96	0	E22
.....ucaauuccguagugcaCugca.....	1	1	E22
.....ucaauuccguagugcauugcU.....	1	1	E22
.....ucGauuccguagugcauugcag.....	1	1	E22
.....ucaauuccguagugcauugcag.....	81	0	E22
.....ucaauCccguagugcauugcagu.....	1	1	E22
.....ucaauAuccguagugcauugcagu.....	1	1	E22
.....ucaauuccguagugcauugcagu.....	240	0	E22
.....ucaauuccguagugcauuA <u>c</u> agu.....	1	1	E22
.....ucaauuccguagugcaA <u>ug</u> cagu.....	1	1	E22
.....ucaauuccguagugcaGugcagu.....	1	1	E22
.....ucGauuccguagugcauugcagu.....	1	1	E22
.....ucaauuccguagugcauugcaA <u>u</u> .....	1	1	E22
.....ucaauuccguagugcauugcagA.....	1	1	E22
.....ucaauuccguagugcauuC <u>c</u> agu.....	1	1	E22
.....ucaauuccguagugcauugcaguU.....	4	1	E22
.....ucaauuccguagugcauugcagug.....	3	0	E22
.....ucaauuccguagugcauugcagugcauc <u>uugccccc</u> u.....	1	0	E22

## Mature

## Star

cgacgaaggguucaagacc <u>ucaauuccguagugcauug</u> cgagugcau <u>cuugccccc</u> ugcaagcagugcggaagugagguu <u>aagacacucuaaagcagcgauucaagacu</u>			
.....caauuccguagugcauug.....	1	0	E22
.....aa <u>uuccguagugcauug</u> cag.....	1	0	E22
.....aa <u>uuccguagugcauug</u> cagu.....	1	0	E22
.....a <u>uuccguagugcauug</u> cag.....	1	0	E22
.....ugcaagUagugcggaagugagg.....	1	1	E22
.....ugcaagcagugcggaagugagg.....	15	0	E22
.....caagcagugcggaagugaggu.....	1	0	E22
.....caagcagugcggaagugagguu.....	9	0	E22
.....caagcagugcggaagugagguuU.....	1	1	E22
.....ccucaauuccguagugcauug.....	3	0	E71
.....ucaauuccguagugcauug.....	88	0	E71
.....ucaauuccguagCgcauug.....	1	1	E71
.....ucaauuccguagugcauuU.....	1	1	E71
.....ucaauucUguagugcauug.....	1	1	E71
.....ucaauuccguagugcauuA.....	1	1	E71
.....ucaauuccguagugca <u>Aug</u> .....	1	1	E71
.....ucaauuccguagugcauugc.....	29	0	E71
.....ucaauuccguagugcauugca.....	7	0	E71
.....ucaauuccguagugca <u>Aug</u> ca.....	1	1	E71
.....ucaauuccguagugcauugcag.....	24	0	E71
.....ucaauuccguagugcauugcagu.....	94	0	E71
.....ucaauucUguagugcauugcagu.....	1	1	E71
.....ucaauuccguagugcauugUagu.....	1	1	E71
.....ucGauuccguagugcauugcagu.....	2	1	E71
.....ucaauuccguagugcauugcaguU.....	5	1	E71
.....ucaauuccguagugcauugcagugcau <u>cuugcccc</u> .....	1	0	E71
.....ucaauuccguagugcauugcagugcau <u>cuugccccc</u> .....	3	0	E71
.....ucaauuccguagugcauugcagugcau <u>cuugccccc</u> cu.....	1	0	E71
.....aa <u>uuccguagugcauug</u> cagu.....	1	0	E71
.....ugcaagcagugcggaagugagg.....	12	0	E71
.....caagcagugcggaagugaggu.....	2	0	E71
.....caagcagugcggaagugagguu.....	5	0	E71
.....caagcagugcggaagugagguuU.....	2	1	E71
.....ccucaauuccguagugcauug.....	1	0	H64
.....ucaauuccguagugcauug.....	102	0	H64
.....ucaauucAguagugcauug.....	1	1	H64
.....ucaauuccguagugcauugc.....	48	0	H64
.....ucaauuccguagugcauugU.....	2	1	H64
.....ucaauuccguagugcauugca.....	35	0	H64
.....ucaauuccguagugcauugUa.....	2	1	H64
.....ucaauuccguagugcauugcag.....	27	0	H64
.....ucaauuccguagugcauugcaU.....	1	1	H64
.....ucaauuccguagugcauugcaA.....	1	1	H64
.....ucaauuccUuagugcauugcagu.....	1	1	H64
.....ucaauuccguagugcauugcagu.....	162	0	H64
.....ucCauuccguagugcauugcagu.....	1	1	H64
.....ucaauuccguagugcauugcagug.....	1	0	H64
.....ucaauuccguagugcauugcaguA.....	1	1	H64
.....ucaauuccguagugcauugcaguU.....	3	1	H64
.....ucaauuccguagugcauugcagugcau <u>cuugccccc</u> ugcaagcagugcgg.....	1	0	H64
.....caauuccguagugcauugcagu.....	1	0	H64
.....aa <u>uuccguagugcauug</u> ca.....	1	0	H64
.....ugcaagcagugcggaagugag.....	1	0	H64
.....ugcaagcagugcggaagugagg.....	1	0	H64
.....ucaauuccguagugcauu.....	1	0	E21
.....ucaauuccguagugcauug.....	77	0	E21
.....ucaauuccguagugcauuU.....	1	1	E21
.....ucaauuccguagugcauugc.....	13	0	E21
.....ucaauuccguagugcauugca.....	25	0	E21
.....ucaauuccguagugcauugcag.....	31	0	E21
.....ucaauuccguUgugcauugcag.....	1	1	E21
.....ucaauuccguagugcaGugcag.....	1	1	E21
.....ucaauuccguagugcauugcagu.....	58	0	E21
.....ucaauuccguagugcauugcaCu.....	1	1	E21
.....ucaauucUguagugcauugcagu.....	1	1	E21
.....ucaauuccguagugcaGugcagu.....	2	1	E21
.....ucaauuccguagugcauugcaAu.....	1	1	E21

## Mature

## Star

cgacgaaggguucaagacc <u>ucaauuccguagugcauugcagugcau</u> cuugccccc <u>ugcaagcagugcggaagugagguu</u> aagacacucuaaagcagcgauucaagacu			
.....ucaauuccguagugcauugcaguU.....	1	1	E21
.....ucaauuccguagugcauugcagugcau <u>cuugccccc</u> .....	1	0	E21
.....caauuccguagugcauug.....	1	0	E21
.....ugcaagcagugcggaagugagg.....	5	0	E21
.....ugcaagcagugcggaagugaAg.....	1	1	E21
.....ugcaagcagugcggaagugaggu.....	1	0	E21
.....ugcaagcagugcggaagugagguA.....	1	1	E21
.....caagcagugcggaagugagguu.....	2	0	E21
.....ccucaauuccguagugcauug.....	1	0	H22
.....ucaauuccguagugcauu.....	1	0	H22
.....ucGauuccguagugcauug.....	1	1	H22
.....ucaauuccguagCgcauug.....	1	1	H22
.....ucaauuccguagugUauug.....	1	1	H22
.....ucaauuccguagugGauug.....	1	1	H22
.....ucaauuccguagugcauug.....	143	0	H22
.....ucaauuccguagugcauugU.....	1	1	H22
.....ucaauuccguagugcauuUc.....	1	1	H22
.....ucaauuccguagugcauugc.....	48	0	H22
.....ucaauuccguagugcCuugca.....	1	1	H22
.....ucaauuccguagugcauugca.....	50	0	H22
.....ucaUuuccguagugcauugcag.....	1	1	H22
.....ucaauuccguagugcauugcag.....	54	0	H22
.....ucaaguccguagugcauugcag.....	2	1	H22
.....ucaauuccguagugcauugcagC.....	1	1	H22
.....ucaauucAguagugcauugcagu.....	1	1	H22
.....ucaaguccguagugcauugcagu.....	1	1	H22
.....ucCauuccguagugcauugcagu.....	1	1	H22
.....ucaauuccguagugcauugcagu.....	161	0	H22
.....ucGauuccguagugcauugcagu.....	1	1	H22
.....ucaauuccguagugcauugcaguU.....	4	1	H22
.....ucaauuccguagugcauugcagug.....	2	0	H22
.....ucaauuccguagugcauugcagugcau <u>cuugccccc</u> ugcaagcagugcgg.....	2	0	H22
.....caauuccguagugcauugc.....	1	0	H22
.....caauuccguagugcauugcag.....	1	0	H22
.....aauccguagugcauugcagu.....	1	0	H22
.....ugcaagcagugcggaagug.....	1	0	H22
.....ugcaagcagugcggaagugag.....	1	0	H22
.....ugcaagcagugcggaagugagg.....	5	0	H22
.....ugcaagcagugcggaagugaggA.....	1	1	H22
.....caagcagugcggaagugagguu.....	1	0	H22
.....caagcagugcggaagugagguuU.....	3	1	H22
.....ccucaauuccguagugcauugc.....	1	0	E11
.....ucaauuccguagugcauug.....	54	0	E11
.....ucCauuccguagugcauug.....	1	1	E11
.....ucaauuccguagugcauuU.....	1	1	E11
.....ucaauuccguagugcauugc.....	15	0	E11
.....ucaauuccguagugcauugca.....	33	0	E11
.....ucaauuccguagugcauugcag.....	23	0	E11
.....ucaauuccguagugcauuAcagu.....	1	1	E11
.....ucaauuccguagugcauugcagu.....	79	0	E11
.....ucaauuccguagugcaAugcagu.....	1	1	E11
.....ucaauuccUagugcauugcagu.....	1	1	E11
.....uUaaauuccguagugcauugcagu.....	1	1	E11
.....ucaauuccguagugcauugcUgu.....	1	1	E11
.....ucaauuccguagugcauugcaguU.....	1	1	E11
.....aauccguagugcauugcagu.....	1	0	E11
.....ugcaagcagugcggaagugagg.....	2	0	E11
.....ugcaagcagugcggaagugagCu.....	1	1	E11
.....caagcagugcggaagugagguu.....	1	0	E11
.....ucGauuccguagugcauugcagu.....	1	1	A24
.....ccucaauuccguagugcauug.....	1	0	H13
.....ucGauuccguagugcauug.....	1	1	H13
.....ucaauuccguagugcauug.....	45	0	H13
.....ucaacuccguagugcauugc.....	1	1	H13
.....ucaauuccguagugcauugc.....	12	0	H13

## Mature

## Star

cgacgaaggugucaagaccucaa <u>uuccguagugcauugcagugcau</u> cuugcccccugcaagcagugcggaagugagguuaagacacucuaaagcagcgauucaagacu			
.....ucaauuccguagugcauugca.....	19	0	H13
.....ucaauuccguagugcauugcU.....	2	1	H13
.....ucaauuccguagugcaAugca.....	1	1	H13
.....ucaauuccguagugcauugcag.....	15	0	H13
.....ucGauuccguagugcauugcagu.....	1	1	H13
.....ucaauuccguagugcauugcagu.....	27	0	H13
.....ugcaagcagugcggaagugagg.....	2	0	H13
.....ucaauuccguagugcauug.....	1	0	A52
.....ucaauuccguagugcauug.....	2	0	A23
.....ucaauuccguagugcauu.....	2	0	H54
.....ucaauuccguagugcaAug.....	1	1	H54
.....ucaauuccguagugcauug.....	88	0	H54
.....ucaauuccguagugcauugc.....	48	0	H54
.....ucaauuccguagugcauugU.....	2	1	H54
.....ucaauuccguaguUcauugc.....	1	1	H54
.....ucaauuccguagugGauugca.....	1	1	H54
.....ucaauuccguagugcauugUa.....	1	1	H54
.....ucaauuccguagugcauugcU.....	1	1	H54
.....ucaauuccguagugcauugca.....	22	0	H54
.....ucaauuccguagugcauugcaA.....	1	1	H54
.....ucaauuccguagugcauugcag.....	17	0	H54
.....ucaauuccguagugcauugcaU.....	1	1	H54
.....ucaauuccguagugcauugcagA.....	1	1	H54
.....ucaauuccguagugcauugcagu.....	61	0	H54
.....uUaa <u>uuccguagugcauugcagu</u> .....	1	1	H54
.....ucaauuccguagugcauugcaguU.....	2	1	H54
.....ugcaagcagugcggaagugagg.....	3	0	H54
.....ugcaagcagugcggaagugaggA.....	1	1	H54
.....caagcagugcggaagugagguuU.....	1	1	H54
.....ucaauuccguagugcauug.....	1	0	B13
.....ccucaauuccguagugcauug.....	2	0	H73
.....ucaauucUguagugcauug.....	1	1	H73
.....ucaauuccguagugcauug.....	120	0	H73
.....ucaauuccguUgugcauug.....	1	1	H73
.....ucaauuccguagugcauugc.....	31	0	H73
.....ucaauuccguagugcauugU.....	1	1	H73
.....ucaauuccguagugcauugca.....	23	0	H73
.....ucaauuccguagugcauugcU.....	1	1	H73
.....ucaauuccguagugcauugcag.....	30	0	H73
.....ucaauuccguagugcauugcGg.....	1	1	H73
.....ucaauuccAugugcauugcagu.....	1	1	H73
.....ucaauucAguagugcauugcagu.....	1	1	H73
.....ucaauuccguagugcauugcagu.....	127	0	H73
.....ucaauuccguagugcaGugcagu.....	1	1	H73
.....ucaauuccguagugcauugcagA.....	2	1	H73
.....ucaauuccguagugcauugcaguU.....	2	1	H73
.....ucaauuccguagugcauugcagugcauuc <u>ugccccc</u> .....	1	0	H73
.....caauuccguagugcauugcaguU.....	1	1	H73
.....aa <u>uuccguagugcauugcagu</u> .....	1	0	H73
.....ugcaagcagugcggaagug.....	1	0	H73
.....ugcaagcagugcggaagugagg.....	15	0	H73
.....ugcaaCagugcggaagugagg.....	1	1	H73
.....ugcaagcagugcggaagugaggA.....	2	1	H73
.....ugcaagcagugcggaagugaggAu.....	2	1	H73
.....caagcagugcggaagugagguu.....	6	0	H73
.....ccucaauuccguagugcauug.....	2	0	H74
.....ucaauuccguagugcauu.....	3	0	H74
.....ucCauuccguagugcauug.....	1	1	H74
.....ucaauuccguagugcauug.....	182	0	H74
.....ucaauuccguagugcauugU.....	1	1	H74
.....ucaauuccguagugcauugc.....	31	0	H74
.....ucaauuccguagugcauugca.....	16	0	H74
.....ucaauuccguagugcauugcag.....	52	0	H74
.....ucaauuccguagugcauugcagu.....	187	0	H74



## Mature

## Star

cgacgaaggguucaagaccucaauuccguagugcauugcagugcauucgucccccugcaagcagugcggaagugagguuaagacacucuaaagcagcgauucaagacu			
.....ucGauuuccguagugcauugcagu.....	1	1	H74
.....ucaauCccguagugcauugcagu.....	1	1	H74
.....uccaaCuccguagugcauugcagu.....	2	1	H74
.....ucaauuccguagugcUuugcagu.....	1	1	H74
.....ucaauuccguagugcauugcagug.....	3	0	H74
.....ucaauuccguagugcauugcaguU.....	2	1	H74
.....ucaauuccguagugcauugcagugcauucugccccc.....	2	0	H74
.....ucaauuccguagugcauugcagugcauucugcccccU.....	1	1	H74
.....ugcaagUagugcggaagugagg.....	1	1	H74
.....ugcaagcagugcggaagugagg.....	19	0	H74
.....caagcagugcggaagugaggu.....	1	0	H74
.....caagcagugcggaagugagguu.....	11	0	H74
.....caagcagugUggaagugagguu.....	1	1	H74
.....caagcagugcggaagugagguuU.....	1	1	H74
.....ucaauuccguagugcaAug.....	1	1	R72
.....ucaauuccguagugcauug.....	107	0	R72
.....ucaauuccguagugcauugc.....	6	0	R72
.....ucaauuccguagugcauugA.....	1	1	R72
.....ucaauuccguagugcauugcag.....	3	0	R72
.....ucaauuccguagugcauugcagu.....	25	0	R72
.....ucaauuccguagugcauugcaguA.....	1	1	R72
.....ucaauuccguagugcauucCagug.....	1	1	R72
.....ucaauuccguagugcauugcagug.....	1	0	R72
.....ugcaagcagugcggaagugaggCu.....	1	1	R72
.....caagcagugcggaagugagguu.....	1	0	R72
.....ccucaauuccguagugcauug.....	4	0	H53
.....ucaauuccguagugcauu.....	2	0	H53
.....ucaauuccguagugcauuU.....	1	1	H53
.....ucCauuuccguagugcauug.....	1	1	H53
.....uccaaCuccguagugcauug.....	1	1	H53
.....ucaauuccguagugcauugc.....	184	0	H53
.....ucaauuccguaguUcauug.....	1	1	H53
.....ucaauuccguagugcauugU.....	9	1	H53
.....ucaauuccguagugcauugc.....	104	0	H53
.....ucaauuccguagugcauuUc.....	1	1	H53
.....ucaauuccguatUugcauugc.....	1	1	H53
.....uccaaGuccguagugcauugca.....	1	1	H53
.....ucaauuccguagugcauugUa.....	3	1	H53
.....ucaauuccguagugcauugca.....	60	0	H53
.....ucaauuccguagugcauugcU.....	2	1	H53
.....ucaauuccguagugcauugcag.....	42	0	H53
.....ucaauuccguagugcauugcaA.....	1	1	H53
.....ucaauuccguagugcauugcaU.....	1	1	H53
.....uccaaCuccguagugcauugcagu.....	1	1	H53
.....ucCauuuccguagugcauugcagu.....	1	1	H53
.....ucaauuccguagugcauugcagA.....	1	1	H53
.....ucaauuccguagugcauugcagC.....	1	1	H53
.....ucaauuccguagugcauuUcagu.....	1	1	H53
.....ucaauuccguagugcauugcagu.....	132	0	H53
.....ucaauuccguagugcauugcagug.....	1	0	H53
.....ucaauuccguagugcauugcaguU.....	3	1	H53
.....ucaauuccguagugcauugcagugU.....	1	1	H53
.....aaauuccguagugcauugcagu.....	2	0	H53
.....ugcaagcagugcggaagugagg.....	6	0	H53
.....ugcaagcagugcggaagugaggA.....	1	1	H53
.....caagcagugcggaagugagguu.....	1	0	H53
.....caagcagugcggaagugagguuU.....	1	1	H53
.....ccucaauuccguagugcauugc.....	1	0	H33
.....ccucaauuccguagugcauugca.....	1	0	H33
.....cucaauuccguagugcauug.....	2	0	H33
.....ucaauuccguagugcauug.....	78	0	H33
.....ucaauuccguagugcauugc.....	24	0	H33
.....ucaauuccguagugcauugca.....	39	0	H33
.....ucaauuccguagugcauugUa.....	3	1	H33
.....ucaauuccguagGgcauugca.....	1	1	H33
.....ucaauuccguagugcauugcaU.....	1	1	H33
.....uccaaAuccguagugcauugcag.....	1	1	H33

## Mature

## Star

cgacgaaggguucaagaccucaauuuccguagugcauugcagugcaucuugcccccugcaagcagugcggaagugagguuaagacacucuaaagcagcgauucaagacu			
.....ucaauuuccguagugcauugcag.....	19	0	H33
.....ucaauuuccguagugcauugcagu.....	123	0	H33
.....ucaauuuccguagugcauugcagA.....	1	1	H33
.....ucaauuuccguagugcauugcaguU.....	4	1	H33
.....auuccguagugcauugcag.....	1	0	H33
.....ugcaagcagugcggaagugagg.....	2	0	H33
.....ugcaagcagugcggaagugaggAu.....	1	1	H33
.....ucaauuuccguagugcauug.....	11	0	E03
.....ucaauuuccguagugcauugc.....	4	0	E03
.....ucaauuuccguagugcauugca.....	1	0	E03
.....ucaauuuccguagugcauugcag.....	11	0	E03
.....ucaauuuccguagugcauugcagu.....	27	0	E03
.....ucaauuuccguGgugcauugcagu.....	1	1	E03
.....ugcaagcagugcggaagugagg.....	3	0	E03
.....ccucaauuuccguagugcauug.....	1	0	H44
.....ucaauuuccguagugcauu.....	2	0	H44
.....ucaauuuccguagugcauug.....	127	0	H44
.....ucaauuuccguagugcGuug.....	1	1	H44
.....ucaauuuccguagugcauug.....	1	1	H44
.....ucaauuuccguagugcauuC.....	2	1	H44
.....ucaauuuccguagugcauugc.....	1	1	H44
.....ucaauuuccguagugcauugU.....	3	1	H44
.....ucaauuuccguagugcauugc.....	54	0	H44
.....ucaauuuccguagugcauugUa.....	3	1	H44
.....ucaauuuccguagugcauuUca.....	1	1	H44
.....ucaauuuccguagugcauugca.....	28	0	H44
.....ucaauuuccguagugcauugcU.....	3	1	H44
.....ucaauuuccguagugcauugcag.....	34	0	H44
.....ucaauuuccguagugcauugcaA.....	1	1	H44
.....ucaauuuccguagugcauugcaU.....	1	1	H44
.....ucaauuuccguagugcauugcagu.....	1	1	H44
.....Ccaauuuccguagugcauugcagu.....	1	1	H44
.....ucaauuuccguagugcauugcagu.....	99	0	H44
.....ucaauuuccguagugcauugUagu.....	1	1	H44
.....ugcaagcagugcggaagugagg.....	4	0	H44
.....caagcagugcggaagugaggu.....	1	0	H44
.....caagcagugcggaagugagguu.....	1	0	H44
.....ccucaauuuccguagugcauug.....	1	0	H01
.....ucaauuuccguagugcauug.....	47	0	H01
.....ucaauuuccguagugcauugc.....	7	0	H01
.....ucaauuuccguagugcauuCc.....	1	1	H01
.....ucaauuuccguagugcauugca.....	10	0	H01
.....ucaauuuccguagugcauugcag.....	12	0	H01
.....ucaauuuccguagugcauugcagu.....	38	0	H01
.....ugcaagcagugcggaagugagg.....	3	0	H01
.....caagcagugcggaagugagguu.....	1	0	H01
.....ucaauuuccguagugcauug.....	4	0	B04
.....ccucaauuuccguagugcauug.....	1	0	H43
.....cucaauuuccguagugcauug.....	1	0	H43
.....cucaauuuccguagugcauugc.....	1	0	H43
.....ucaauuuccguagugcauu.....	2	0	H43
.....ucaauuuccguagugcauug.....	101	0	H43
.....ucaauuuccguagugcauuU.....	1	1	H43
.....ucaauuuccguagugcauUcgc.....	1	1	H43
.....ucaauuuccguagugcauugc.....	60	0	H43
.....ucaauuuccguagugcauugU.....	1	1	H43
.....ucaauuuccguagugcauugca.....	29	0	H43
.....ucaauuuccguagugcauugUa.....	1	1	H43
.....ucaauuuccguagugcauugca.....	1	1	H43
.....ucaauuuccguagugcauugcU.....	1	1	H43
.....ucaauuuccguagugcauugcag.....	13	0	H43
.....ucaauuuccguagugUauugcag.....	1	1	H43
.....ucaauuuccguagugcauugcaU.....	1	1	H43
.....ucaauuuccguagugcauugcagu.....	109	0	H43
.....ucaauuuccguagugGauugcagu.....	1	1	H43

## Mature

## Star

cgacgaaggguucaagacc <u>ucaauuccguagugcauugcagugcau</u> cuugcccc <u>ugcaagcagugcggaagugagguu</u> aagacacucuaaagcagcgauucaagacu			
.....ucaauuccguagugcauugcGgu.....	1	1	H43
.....ucaauuccguagugcauugcaguU.....	2	1	H43
.....ugcaagcagugcggaagugagg.....	2	0	H43
.....ugcaagcagugcggaagugaggA.....	1	1	H43
.....ccucaauuccguagugcauug.....	1	0	H63
.....ccucaauuccguagugcauugca.....	1	0	H63
.....ucaauuccguagugcauu.....	2	0	H63
.....ucaauuccguagugcauug.....	50	0	H63
.....ucaauuccguagugcauugc.....	15	0	H63
.....ucaauuccguagugcauugca.....	16	0	H63
.....ucaauuccguagugcauugAa.....	1	1	H63
.....ucaauuccguagugcauugcaA.....	1	1	H63
.....ucaauuccguagugcauuAcag.....	1	1	H63
.....ucaauuccguagugcauugcag.....	13	0	H63
.....ucaauuccguagugcauugcagu.....	80	0	H63
.....ucaauuccguagugcauugcaguU.....	2	1	H63
.....ucaauuccguagugcauugcagugcauucugccccc.....	1	0	H63
.....aaauccguagugcauugcagu.....	1	0	H63
.....ugcaaUcagugcggaagugagg.....	1	1	H63
.....ugcaagcagugcggaagugagg.....	1	0	H63
.....ugcaagcagugcggaagugaggA.....	1	1	H63
.....caagcagugcggaagugagguu.....	4	0	H63
.....ccucaauuccguagugcauug.....	1	0	H04
.....ucaauuccguagugcauug.....	62	0	H04
.....ucaaguccguagugcauug.....	1	1	H04
.....ucaauuccguagugcauugc.....	21	0	H04
.....ucaaguccguagugcauugca.....	1	1	H04
.....ucaauuccguagugcauugca.....	12	0	H04
.....ucaauuccguagugcauuAcag.....	1	1	H04
.....ucaauuccguagugcauugcag.....	19	0	H04
.....ucaauuccguagugcauugcagu.....	49	0	H04
.....ucaauuccguagugAauugcagu.....	2	1	H04
.....ucaauuccguagugcauugcaguU.....	3	1	H04
.....ugcaagcagugcggaagugagg.....	7	0	H04
.....caagcagugcggaagugagguu.....	1	0	H04
.....caagcagugcggaagugagguuU.....	1	1	H04
.....ccucaauuccguagugcauug.....	1	0	H62
.....ucaauuccguagugcauu.....	1	0	H62
.....ucaauuccguaguCcauug.....	1	1	H62
.....ucaauuccguagugAauug.....	1	1	H62
.....ucaauuccguagugcauug.....	119	0	H62
.....ucaauuccguagugUauug.....	1	1	H62
.....ucaauuccguagugcauuU.....	1	1	H62
.....ucaauuccguagugcauugU.....	3	1	H62
.....ucaauuccguagugcauuUc.....	1	1	H62
.....ucaauuccguagugcauugc.....	37	0	H62
.....ucaauuccguagugcauugUa.....	2	1	H62
.....ucaauuccguagugcauugca.....	46	0	H62
.....ucaauuccguagugcauugcag.....	25	0	H62
.....ucGauuccguagugcauugcagu.....	1	1	H62
.....ucaauuccguagugcaGugcagu.....	1	1	H62
.....ucaauuccguagugcauugcaAu.....	1	1	H62
.....ucaauuccUuagugcauugcagu.....	1	1	H62
.....ucaauuccguagugcauugcagu.....	191	0	H62
.....ucaauuccguagugcauugcagu.....	1	1	H62
.....ucaauuccguagugcauugcaguU.....	3	1	H62
.....ucaauuccguagugcauugcagugcauucugccccc.....	1	0	H62
.....ugcaagcagugcggaagugagg.....	5	0	H62
.....caagcagugcggaagugagguu.....	4	0	H62
.....Gucaauuccguagugcauugcagu.....	1	1	H42
.....ucaauuccguagugcauu.....	4	0	H42
.....ucaauuccguagugcaAuug.....	1	1	H42
.....ucaauuccguagugcauuA.....	2	1	H42
.....ucaauuccguagugcauug.....	123	0	H42
.....ucaauuccguagugcaCug.....	1	1	H42
.....ucaauuccguagugcaGugc.....	1	1	H42

## Mature

## Star

cgacgaaggguucaagaccucaa <u>uuccguagugcauugc</u> agugcau <u>cuugccccc</u> ugcaagcagugcggaagugagguuaagacacucuaaagcagcgauucaagacu			
.....ucaauuccguagugcauugU.....	2	1	H42
.....ucaauuccguagugcauugc.....	51	0	H42
.....ucaauuccguagugcaUugca.....	1	1	H42
.....ucaauuccguagugcaUugca.....	1	1	H42
.....ucaauuccguagugcauugca.....	30	0	H42
.....ucaauuccguagugcauugcag.....	17	0	H42
.....ucaauuccguagugcauugcaU.....	3	1	H42
.....ucaauuccguagugcauuUcagu.....	1	1	H42
.....ucaauuccguagugcauuAcagu.....	1	1	H42
.....ucaauuccguagugcauugcagu.....	83	0	H42
.....ugcaagcagugcggaagugag.....	1	0	H42
.....ugcaagcagugcggaagugagg.....	1	0	H42
.....ugcaagcagugcggaagugaggA.....	2	1	H42
.....ugcaagcagugcggaagugagguu.....	1	0	H42
.....caagcagugcggaagugag.....	2	0	H42
.....ccucaauuccguagugcauugc.....	1	0	H11
.....ucaauuUcguagugcauug.....	1	1	H11
.....ucaauuccguagugcauug.....	52	0	H11
.....ucaauuccguagugcauuA.....	1	1	H11
.....ucaauuccguagugcauugc.....	17	0	H11
.....ucaauuccguagugcaUugc.....	1	1	H11
.....ucaauuccguagugcauugca.....	14	0	H11
.....ucaauuccguagugcauugcag.....	12	0	H11
.....ucaauuccguagugcauugcagu.....	29	0	H11
.....ucaauuccguagugcauugcagug.....	3	0	H11
.....ucaauuccguagugcauugcagugcauuc <u>uugccccc</u> ugcaagcagugcgg.....	2	0	H11
.....ugcaagcagugcggaagugagg.....	3	0	H11
.....ugcaagcagugcggaagugaggAu.....	1	1	H11
.....ucaauucAguagugcauug.....	1	1	E12
.....ucaauGuccguagugcauug.....	1	1	E12
.....ucaauuccguagugcauug.....	30	0	E12
.....ucaauuccguagugcauugU.....	1	1	E12
.....ucaauuccguagugcauugc.....	9	0	E12
.....ucaauuccguagugcauugca.....	19	0	E12
.....ucaauuccguagugcauugcag.....	13	0	E12
.....ucaauuccguagugcaUugcagug.....	1	1	E12
.....ucaauuccguagugcauugcagu.....	49	0	E12
.....ucCauuccguagugcauugcagu.....	1	1	E12
.....ucaauuccguagugcauugcaguU.....	1	1	E12
.....ugcaagcagugcggaagugagg.....	2	0	E12
.....caagcagugcggaagugagguu.....	2	0	E12
.....ugcaagcagugcggaagugaggAu.....	1	1	R73
.....ccucaauuccguagugcauugc.....	1	0	E14
.....ucaauuccguagugcauug.....	50	0	E14
.....ucaauuccguagugcaUug.....	1	1	E14
.....ucaauuccguagugcauugc.....	11	0	E14
.....ucaauuccguagugcauugca.....	26	0	E14
.....ucaauuccguagugcauugcag.....	29	0	E14
.....ucaauuccguagugcGuugcagu.....	1	1	E14
.....ucaauuccguagugcauugcGgu.....	1	1	E14
.....ucaauuccguagugcauugcagu.....	76	0	E14
.....ucaauuccguagugcauugcaguU.....	1	1	E14
.....ucaauuccguagugcauugcagugcauuc <u>uugccccc</u> u.....	1	0	E14
.....ugcaagcagugcggaagugagg.....	7	0	E14
.....ucaauuccguagugcauu.....	1	0	H41
.....ucaauuccguagugcauug.....	58	0	H41
.....ucaauuccguagugGauug.....	1	1	H41
.....ucaauuccguagugcauugc.....	18	0	H41
.....ucaauuccguagugcauugU.....	2	1	H41
.....ucaauuccguagugcaUugc.....	1	1	H41
.....ucaauuccguagugcauugcU.....	2	1	H41
.....ucaauuccguagugUauugca.....	1	1	H41
.....ucaauuccguagugcauugUa.....	1	1	H41
.....ucaauuccguagugcauugca.....	23	0	H41
.....ucaauuccguagugcauugcaA.....	1	1	H41

## Mature

## Star

cgacgaaggguucaagacc	ucaauuccguagugcauugcagugcauucgccccug	caagcagugcggaagugagguuaagacacucuaaagcagcgauucaagacu			
.....ucaauuccguagugcauugcaU.....			1	1	H41
.....ucaauuccguagugcauugcag.....			21	0	H41
.....ucaauuccguagugGauugcagu.....			1	1	H41
.....ucaauuccguagugcauugcagu.....			72	0	H41
.....ucaauucAguagugcauugcagu.....			1	1	H41
.....ucaauuccguagugcauugcaguU.....			2	1	H41
.....aaauccguagugcauugc.....			1	0	H41
.....ugcaagcagugcggaagugagg.....			3	0	H41
.....ugcaagcagugcggaagugaggA.....			2	1	H41
.....ugcaagcagugcggaagugaggAu.....			1	1	H41
.....caagcagugcggaagugagguu.....			1	0	H41
cgacgaaggguucaagacc			1	0	E24
.....ccucaauuccguagugcauug.....			3	0	E24
.....cucaauuccguagugcauugcagug.....			1	0	E24
.....ucaauuccguagugcaCug.....			1	1	E24
.....ucaauCccguagugcauug.....			2	1	E24
.....ucaauucUguagugcauug.....			1	1	E24
.....uGauuuccguagugcauug.....			1	1	E24
.....ucaauuccguagugcauug.....			351	0	E24
.....Ccaauuccguagugcauug.....			1	1	E24
.....ucaauuccguagugcaGug.....			3	1	E24
.....ucaauuccguagugcauugU.....			1	1	E24
.....ucaGuuccguagugcauugc.....			1	1	E24
.....ucaauuccguagugcauugc.....			95	0	E24
.....Ccaauuccguagugcauugc.....			1	1	E24
.....ucaauuccguagugcauugGa.....			1	1	E24
.....ucaauuccguagugcauugca.....			118	0	E24
.....uUaaauuccguagugcauugca.....			1	1	E24
.....ucaauuccguagugcaGugca.....			1	1	E24
.....ucaauuccguagugcauuUca.....			1	1	E24
.....ucaaaUuccguagugcauugca.....			1	1	E24
.....ucaauuccguagugcauugcaU.....			1	1	E24
.....ucaauuccguagugcaCugcag.....			1	1	E24
.....ucaauuccguagugcUuugcag.....			1	1	E24
.....ucaauuccguagugcaAugcag.....			1	1	E24
.....uUaaauuccguagugcauugcag.....			1	1	E24
.....ucaauuccguagugcauugcag.....			138	0	E24
.....ucaauuccguagugcauugcCg.....			1	1	E24
.....ucaauuccguagugcauugGagu.....			1	1	E24
.....ucaauuccguagugcauugcGgu.....			1	1	E24
.....ucGauuccguagugcauugcagu.....			2	1	E24
.....ucaauuccguagugcaGugcagu.....			2	1	E24
.....ucaauuccUuagugcauugcagu.....			1	1	E24
.....ucaauuccguagugcauuCcagu.....			1	1	E24
.....ucaauuccguagugcauuUcagu.....			1	1	E24
.....ucaauuccguagugcauugcaAu.....			1	1	E24
.....ucaauuccguagugcauugcagu.....			312	0	E24
.....ucaauuccguagugcauugcagug.....			4	0	E24
.....ucaauuccguagugcauugcaguU.....			6	1	E24
.....ucaauuccguagugcauugcaguA.....			1	1	E24
.....ucaauuccguagugcauugcagugcauucgcccc.....			1	0	E24
.....ucaauuccguagugcauugcagugcauucgccccu.....			1	0	E24
.....ucaauuccguagugcauugcagugcauucgccccugcaagcagugcgg.....			1	0	E24
.....caauuccguagugcauug.....			1	0	E24
.....aaauccguagugcauugcagu.....			1	0	E24
.....auuccguagugcauugcagu.....			1	0	E24
.....uccguagugcauugcagu.....			1	0	E24
.....ugcaagcagugcggaagugagg.....			14	0	E24
.....ugcaagcagugcggaagugaggA.....			2	1	E24
.....ugcaagcagugcggaagugaggAu.....			1	1	E24
.....caagcagugcggaagugagguu.....			11	0	E24
.....ucaauuccguagugcauug.....			4	0	T74
.....ucaauuccguagugcauugcag.....			2	0	T74
cgacgaaggguucaagacc			1	0	E04
.....ccucaauuccguagugcauug.....			2	0	E04
.....ucUaaauuccguagugcauug.....			1	1	E04
.....ucaauuccguagugcauug.....			40	0	E04

## Mature

## Star

cgacgaaggguucaagacc <u>ucaauuccguagugcauugcagugcau</u> cuugcccc <u>ugcaagcagugcggaagugagguu</u> aagacacucuaaagcagcgauucaagacu			
.....ucaauuccguagugcauugc.....	7	0	E04
.....ucaauuccguagugcauugca.....	24	0	E04
.....ucaauuccguagugcauugcag.....	13	0	E04
.....ucaauuccguagugcauugcagu.....	1	1	E04
.....ucaauuccguagugcauugcagu.....	38	0	E04
.....ucaauuccguagugcauugcaguU.....	1	1	E04
.....ucaauuccguagugcauugcagugcauucugccccU.....	1	1	E04
.....ucaauuccguagugcauugcagugcauucugccccugcaagcagugcg.....	1	0	E04
.....ugcaagcagugcggaagugagg.....	4	0	E04
.....caagcagugcggaagugagguu.....	2	0	E04
.....caagcagugcggaagugagguuU.....	1	1	E04
.....Uucaauuccguagugcauug.....	1	1	E74
.....ccucaauuccguagugcauug.....	4	0	E74
.....ucaauuccguagugcauu.....	1	0	E74
.....ucaauuccguaguUcauug.....	1	1	E74
.....ucaaaCuccguagugcauug.....	2	1	E74
.....ucaaaAuccguagugcauug.....	1	1	E74
.....ucaauuccguagugcauug.....	209	0	E74
.....ucaauuccguagugcauugc.....	25	0	E74
.....ucCauuccguagugcauugc.....	1	1	E74
.....ucaauuccguagugcauuUc.....	1	1	E74
.....ucaauuccguagugAauugc.....	1	1	E74
.....ucaauuccUuagugcauugc.....	1	1	E74
.....ucaauuccguagugcauugca.....	16	0	E74
.....ucaauuccguagugcauugcag.....	25	0	E74
.....ucaauuccguaguUcauugcagu.....	1	1	E74
.....ucaauuccguagugcauugcagu.....	118	0	E74
.....ucaauuccguagugcauugcagug.....	1	0	E74
.....ucaauuccguagugcauugcaguU.....	6	1	E74
.....ucaauuccguagugcauugcagugcauucugccccu.....	1	0	E74
.....aaauuccguagugcauugcagu.....	2	0	E74
.....ugcaagcagugcggaagug.....	1	0	E74
.....ugcaCgcagugcggaagugagg.....	1	1	E74
.....ugcaagcagugcggaagugagg.....	12	0	E74
.....ugcaagcagugcggaagugaggA.....	3	1	E74
.....caagcagugcggaagugagguu.....	8	0	E74
.....ccucaauuccguagugcauug.....	2	0	E73
.....ucaauuccguagugAauug.....	1	1	E73
.....ucaauuccguagugcauug.....	105	0	E73
.....ucUauuccguagugcauug.....	1	1	E73
.....ucaauuccguagugcauugc.....	29	0	E73
.....ucaauuccguagugcauugca.....	8	0	E73
.....ucaauuccguagugcauugcag.....	23	0	E73
.....ucaauuccguagugcauugcCg.....	1	1	E73
.....ucaauuccguagugcauugcaU.....	1	1	E73
.....ucaauuccguagugcauugcagu.....	86	0	E73
.....ucaauuccguagugcauCgcagu.....	1	1	E73
.....ucaauuccguagugcauugcaguU.....	4	1	E73
.....ucaauuccguagugcauugcagugcauucugcccc.....	1	0	E73
.....ucaauuccguagugcauugcagugcauucugUccccu.....	1	1	E73
.....ugcaagcagugcggaagugagg.....	13	0	E73
.....ugcaagcagugcggaagugaggA.....	1	1	E73
.....caagcagugcggaagugagguu.....	6	0	E73
.....ccucaauuccguagugcauug.....	3	0	E72
.....ucaauuccguagugcauu.....	2	0	E72
.....ucaauuccguaUugcauug.....	1	1	E72
.....ucaauuccguagugcauug.....	122	0	E72
.....ucaauuccguagugcaAug.....	1	1	E72
.....ucaauuccguagugcauugc.....	26	0	E72
.....ucaauuccguagugcauugca.....	20	0	E72
.....ucaauuccguagugcauugcag.....	23	0	E72
.....ucGauuccguagugcauugcagu.....	1	1	E72
.....ucaauuccguagugcauugAagu.....	1	1	E72
.....ucaauuccguagugcaGugcagu.....	1	1	E72
.....ucaauuccguagugcauugcagu.....	136	0	E72
.....ucCauuccguagugcauugcagu.....	1	1	E72
.....ucaauuccguagugcauugcaguA.....	1	1	E72

## Mature

## Star

cgacgaaggguucaagaccucaaa <u>uuccguagugcauugcagugcau</u> cuugcccccugcaagcagugcggaagugagguuaagacacucuaaagcagcgauucaagacu			
.....ucaaa <u>uuccguagugcauugcagu</u> U.....	1	1	E72
.....ucaaa <u>uuccguagugcauugcagug</u> .....	1	0	E72
.....ucaaa <u>uuccguagugcauugcagugcau</u> cuugcccccU.....	1	0	E72
.....ugcaagcagugcggaagu.....	1	0	E72
.....ugcaagcagugcggaagugag.....	1	0	E72
.....ugcaagcagugcggaagugagg.....	11	0	E72
.....ugcaagcagugcggaagugaggA.....	2	1	E72
.....caagcagugcggaagugaggu.....	1	0	E72
.....caagcagugcggaagugagguu.....	7	0	E72
.....caagcagugcggaagugagguuU.....	1	1	E72
.....ucaaa <u>uuccguagugcau</u> .....	1	0	A51
.....ucaaa <u>uuccguagugcauugcagu</u> .....	2	0	B12
.....ucaaa <u>uuccguagugca</u> Gu.....	1	1	E02
.....ucaaa <u>uuccguagugcauug</u> .....	20	0	E02
.....ucaaa <u>uuccguagugca</u> GuG.....	1	1	E02
.....ucaaa <u>uuccguagugcauugc</u> .....	4	0	E02
.....ucaaa <u>uuccguagugcauugca</u> .....	8	0	E02
.....ucaaa <u>uuccguagugcauugcag</u> .....	5	0	E02
.....ucaaa <u>uuccguagugcauugcagu</u> .....	20	0	E02
.....ucaaa <u>uuccguagugcauugcagugcau</u> cuugcccccU.....	1	0	E02
.....ugcaagcagugcggaagugagg.....	2	0	E02
.....caagcagugcggaagugagguu.....	1	0	E02
.....ccucaaa <u>uuccguagugcauug</u> .....	3	0	H71
.....ucaaa <u>uuccguagugcau</u> .....	1	0	H71
.....ucaaa <u>uuccguagugcau</u> U.....	1	1	H71
.....ucaaa <u>uuccguagugcauug</u> .....	181	0	H71
.....ucCaa <u>uuccguagugcauug</u> .....	1	1	H71
.....ucaaa <u>uuccguatUugcauug</u> .....	1	1	H71
.....ucaaa <u>uuccguagugcauug</u> .....	1	1	H71
.....ucaaa <u>uuccguagugcauug</u> .....	1	1	H71
.....ucaaa <u>uuccguagugcauugU</u> .....	1	1	H71
.....ucaaa <u>uuccguagugcauugc</u> .....	67	0	H71
.....ucaaa <u>uuccguagAgcauugc</u> .....	1	1	H71
.....ucaaa <u>uuccguagugcauugca</u> .....	28	0	H71
.....ucaaa <u>uuccAagugcauugcag</u> .....	1	1	H71
.....ucaaa <u>uuccguagugcauugcag</u> .....	45	0	H71
.....ucaaa <u>uuccguagugcUuugcag</u> .....	1	1	H71
.....ucaaa <u>uuccguagugcauugcaCu</u> .....	1	1	H71
.....ucaaa <u>uuccgAagugcauugcagu</u> .....	1	1	H71
.....ucaaa <u>uuccguagugcaAugcagu</u> .....	2	1	H71
.....ucaaa <u>uuccguaguAcauugcagu</u> .....	1	1	H71
.....ucaaa <u>uuccguagugcauugcUgu</u> .....	1	1	H71
.....ucaaa <u>uuccguagugcauugcagu</u> .....	199	0	H71
.....ucaaa <u>uuccguagugAauugcagu</u> .....	1	1	H71
.....ucaaa <u>uuccguagugcauugcagugcau</u> cuugcccc.....	2	0	H71
.....ucaaa <u>uuccguagugcauugcagugcau</u> cuugccccU.....	1	1	H71
.....caaa <u>uuccguagugcauugcagu</u> .....	1	0	H71
.....ugcaagcagugcggaagug.....	1	0	H71
.....ugcaagcagugcggaagugagg.....	33	0	H71
.....ugcaCgcagugcggaagugagg.....	1	1	H71
.....ugcaagcagugcggaagugaggu.....	1	0	H71
.....ugcaagcagugcggaagugaggA.....	5	1	H71
.....ugcaagcagugcggaagugaggAu.....	1	1	H71
.....ugcaagcagugcggaagugagguuaU.....	1	1	H71
.....caagcagugcggaagugagg.....	3	0	H71
.....caagcagugcggaagugaggG.....	1	1	H71
.....caagcagugcggaagugaggu.....	1	0	H71
.....caagcagugcggaagugagguu.....	8	0	H71
.....ccucaaa <u>uuccguagugcauug</u> .....	2	0	H34
.....ucaaa <u>uuccguagugcau</u> .....	1	0	H34
.....ucaaa <u>uuccguagugcauug</u> .....	98	0	H34
.....ucaaa <u>uuccguagugcauugc</u> .....	1	1	H34
.....ucaaa <u>uuccguagugcauugc</u> .....	46	0	H34
.....ucaaa <u>uuccguagugcauugcU</u> .....	1	1	H34
.....ucaaa <u>uuccguagugcauugca</u> .....	29	0	H34

## Mature

## Star

cgacgaaggguucaagaccucaaauccguagugcauugcagugcaucuugcccccugcaagcagugcggaagugagguuaagacacucuaaagcagcgauucaagacu			
.....ucaauuccguagugcauugcag.....	25	0	H34
.....ucGauuccguagugcauugcag.....	1	1	H34
.....ucaauuccguagugcauugcaU.....	1	1	H34
.....ucaauuccguagugcauugcagG.....	1	1	H34
.....ucaauuccUuagugcauugcagu.....	1	1	H34
.....ucaauuccUguagugcauugcagu.....	1	1	H34
.....ucaauuccguagugGauugcagu.....	1	1	H34
.....ucaauuccguagugcauugcagu.....	102	0	H34
.....ucaauuccguagugcauugcaguU.....	2	1	H34
.....ucaauuccguagugcauugcagug.....	1	0	H34
.....ugcaagcagugcggaagugaUg.....	1	1	H34
.....ugcaagcagugcggaagugagg.....	3	0	H34
.....ugcaagcagugcggaagugaggA.....	1	1	H34
.....caagcagugcggaagugagguu.....	2	0	H34
.....ucaauuccguagugcauug.....	1	0	T71
.....ccucaauuccguagugcauug.....	1	0	E01
.....cucaauuccguagugcauug.....	1	0	E01
.....ucaauuccguagugcauug.....	30	0	E01
.....ucaauuccguagugcauugc.....	8	0	E01
.....ucaauuccguagugcauugca.....	12	0	E01
.....ucaauuccguagugcauugcag.....	6	0	E01
.....ucaauuccguagugcauugcagu.....	20	0	E01
.....ucaauuccguagugcaCugcagu.....	1	1	E01
.....ucaauuccguagugcauugcaguU.....	1	1	E01
.....ugcaagcagugcggaagugagg.....	2	0	E01
.....caagcagugcggaagugagguu.....	1	0	E01
.....ccucaauuccguagugcauug.....	1	0	E13
.....ucaauuccguagugcauug.....	80	0	E13
.....ucaauuccguagugcauugc.....	10	0	E13
.....ucaauuccguagugcauugca.....	27	0	E13
.....ucaaaCuccguagugcauugca.....	1	1	E13
.....ucaaaGuccguagugcauugca.....	1	1	E13
.....ucaauuccguagugcaGuvcag.....	1	1	E13
.....ucaauuccguagugcauugcag.....	25	0	E13
.....ucaaaUuccguagugcauugcag.....	1	1	E13
.....ucaauuccguagugcauugcagu.....	113	0	E13
.....ucUauuccguagugcauugcagu.....	1	1	E13
.....ucaauuccguagugcUuugcagu.....	1	1	E13
.....ucaauuccguagugcauugcCgu.....	1	1	E13
.....ucaauuccguagugcauugcaguU.....	3	1	E13
.....auuccguagugcauugca.....	1	0	E13
.....ugcaagcagugcggaagugagg.....	9	0	E13
.....caagcagugcggaagugaggu.....	1	0	E13
.....caagcagugcggaagugagguu.....	1	0	E13