



Star

5'	reads	mm	sample
uuauauauagauuugacguuuuuaacuuaguuuugcgcgcuugguuuuuuuuucaggcucggagugcuaagaagaaauugucagucuguaauaccaucucugcaugaagauu	-3'	obs	
uuauauauagauuugacguuuuuaacuuaguuuugcgcgcuugguuuuuuuuucaggcucggagugcuaagaagaaauugucagucuguaauaccaucucugcaugaagauu	exp		
.....(((((((.....(((((((.....(((((((.....(((((((.....)))))).)))).)))))).)))))).....((((.....))))..			
.....uuaacuuaguuuugcgcgcuug.....	1	0	H62
.....Caacuuaguuuugcgcgcuug.....	1	1	H62
.....aaCucggagugcuaagaagaa.....	1	1	H62
.....aagcucggagugcuaagaagaa.....	1	0	H62
.....aagcucggagugcuaagaagaaa.....	1	0	H62
.....uCaacuuaguuuugcgcgcuu.....	1	1	A53
.....uuaacuuaguuuugcgcgcuug.....	1	0	A53
.....uuaacuuaguuuugcgcgcuCg.....	1	1	A53
.....Caacuuaguuuugcgcgcuug.....	1	1	A53
.....aagcucggagugcuaagaaga.....	1	0	A53
.....aagcucggagugcuaagaagaa.....	3	0	A53
.....aagcucggagugcuaagaagaaa.....	1	0	A53
.....uuaacuuaguuuugcgcgcuug.....	2	0	H42
.....aagcucggagugcuaagaaga.....	1	0	H42
.....aagcucggagugcuaagaagaa.....	4	0	H42
.....aagcucggagugcuaagaagaaa.....	2	0	H42
.....uuaacuuaguuuugcgcgcuCg.....	5	1	E12
.....uuaacuuaguuuugcgcgcuCgg.....	2	1	E12
.....aagcucggagugcuaagaag.....	1	0	E12
.....aagcucggagugcuaagaaga.....	2	0	E12
.....aagcucggagugcuaagaagaa.....	1	0	E12
.....aagcucggagugcuaagaagaaa.....	3	0	E12
.....aagcucggagugcuaagaagaaauUu.....	1	1	E12
.....uuaacuuaguuuugcgcgcuCg.....	3	1	H11
.....uuaacuuaguuuugcgcgcuug.....	6	0	H11
.....uCaacuuaguuuugcgcgcuug.....	6	1	H11
.....uaacuuaguuuugcgcgcuCgg.....	1	1	H11
.....aagcucggagugcuaagaCg.....	1	1	H11
.....aagcucggagugcuaagaaga.....	2	0	H11

## Mature

## Star

uuauauauagauuugacguuuuaacuuaguauugcgcgcuugguuuuuuuuuc	aagcucggagugcuaagaagaaugucagucuguaauaccaucucugcaugaagauu			
.....aagcucggagugcuaagaagaa.....	1	0		H11
.....aagcucggagugcuaagaagaaa.....	6	0		H11
.....uCaacuuaguauugcgcgcuu.....	1	1		H04
.....uCaacuuaguauugcgcgcuug.....	11	1		H04
.....uuuacuuaguauugcgcgcuug.....	7	0		H04
.....uuuacuuaguauugcgcgcuCg.....	8	1		H04
.....uuuacuuaguauugcgcgcuugg.....	1	0		H04
.....uCaacuuaguauugcgcgcuugg.....	1	1		H04
.....aagcucggagugcuaagaaga.....	8	0		H04
.....aagcucggagugcuaagaagaa.....	1	0		H04
.....aagcucggagugcuaagaagaaG.....	1	1		H04
.....aagcucggagugcuaagaagaaa.....	6	0		H04
.....aaAcucggagugcuaagaagaaa.....	1	1		H04
.....agcucggagugcuaagaagaa.....	2	0		H04
.....agcucggagugcuaagaagaaa.....	1	0		H04
.....uuuacuuaguauugcgcgcuug.....	1	0		A32
.....aagcucggagugcuaagaaga.....	1	0		A32
.....uuuacuuaguauugcgcgcuug.....	2	0		A41
.uuauauauagauuugacguu.....	1	0		T73
.....uuuacuuaguauugcgcgcuu.....	1	1		T73
.....uuuacuuaguauugcgcgcuug.....	3	0		T73
.....uCaacuuaguauugcgcgcuug.....	1	1		T73
.....uuuacuuaguauugcgcgcuCg.....	4	1		T73
.....uuuacuuaguauugcgcgcuCgg.....	2	1		T73
.....uuuacuuaguauugcgcgcuugU.....	1	1		T73
.....aagcucggagugcuaagaag.....	1	0		T73
.....aagcucggagugcuaagaagaa.....	2	0		T73
.....aagcucggagugcuaagaagaaa.....	3	0		T73
.....uuuacuuaguauugcgcgcuug.....	1	0		T74
.....uuuacuuaguauugcgcgcuCg.....	2	1		T74
.....uuuacuuaguauugcgcgcuCgg.....	1	1		T74
.....aagcucggagugcuaagaaga.....	1	0		T74
.....uCaacuuaguauugcgcgcuu.....	1	1		E04
.....uuuacuuaguauugcgcgcuCg.....	5	1		E04
.....uCaacuuaguauugcgcgcuug.....	2	1		E04
.....uuuacuuaguauugcgcgcuug.....	6	0		E04
.....aagcucggagugcuaagaaga.....	2	0		E04
.....aaAcucggagugcuaagaaga.....	1	1		E04
.....aagcucggagugcuaagaagaa.....	1	0		E04
.....aagcucggagugcuaagaagaaa.....	3	0		E04
.....aagcucggagugcuaagaagaaaA.....	1	1		E04
.....agcucggagugcuaagaagaaa.....	1	0		E04
.....uuuacuuaguauugcgcgcuug.....	4	0		A21
.....uuuacuuaguauugcgcgcuCg.....	4	1		A21
.....uCaacuuaguauugcgcgcuug.....	1	1		A21
.....uuuacuuaguauugcgcgcuC.....	1	1		A34
.....uuuacuuaguauugcgcgcuug.....	1	0		A34
.....uCaacuuaguauugcgcgcuug.....	1	1		A34
.....uuuacuuaguauugcgcgcuCg.....	2	1		A34
.....uuuacuuaguauugcgcgcuugA.....	1	1		A34
.....uuuacuuaguauugcgcgcuuggA.....	1	1		A34
.....Caacuuaguauugcgcgcuugg.....	1	1		A34
.....uuuacuuaguauugcgcgcuCg.....	1	1		R73
.....uCaacuuaguauugcgcgcuug.....	2	1		R73
.....uuuacuuaguauugcgcgcu.....	1	0		A33
.....uuuacuuaguauugcgcgcuCg.....	1	1		A33
.....uCaacuuaguauugcgcgcuug.....	1	1		A33
.....uuuacuuaguauugcgcgcuug.....	1	0		A33
.....aagcucggagugcuaagaagaaa.....	1	0		A33
.....aagcucggagugcuaagaaga.....	1	0		E14

Star

uuauuuauagauuugacguuuuaacuuaaguauuugcgcgcuuuguguuuuuuuuucaagcucggagugcuaagaagaaaugucagucuguaauaccaucucugcaugaagauu			
. . . . . aagcucggagugcuaagaagaa . . . . .	1	0	E14
. . . . . aagcucggagugcuaagaagaaa . . . . .	1	0	E14
. . . . . agcucggagugcuaagaagaaa . . . . .	1	0	E14
. . . . . uuaacuuaaguauuugcgcgcu . . . . .	1	0	H41
. . . . . uuaacuuaaguauuugcgcgcuu . . . . .	1	0	H41
. . . . . uuaacuuaaguauuugcgcgcuug . . . . .	11	0	H41
. . . . . uuaacuuaaguauuugcgcgcuugU . . . . .	1	1	H41
. . . . . uuaacuuaaguauuugcgcgcuugg . . . . .	1	0	H41
. . . . . aagcucggagugcuaagaaga . . . . .	1	0	H41
. . . . . agcucggagugcuaagaagaaa . . . . .	1	0	H41
. . . . . uuaacuuaaguauuugcgcgcuCg . . . . .	10	1	E24
. . . . . Guaacuuaaguauuugcgcgcuug . . . . .	1	1	E24
. . . . . uuaacuuaaguauuugcgcgcuug . . . . .	22	0	E24
. . . . . uuaacuuaaguauuugcgcgcuCgg . . . . .	1	1	E24
. . . . . uaacuuaaguauuugcgcgcuCg . . . . .	1	1	E24
. . . . . aaacuuaaguauuugcgcgcu . . . . .	1	0	E24
. . . . . aagcucggagugcuaagaa . . . . .	2	0	E24
. . . . . aagcucggagugcuaagaag . . . . .	1	0	E24
. . . . . aagcucggagugcuaagaaga . . . . .	8	0	E24
. . . . . aagcucggagugcuaagaagaa . . . . .	8	0	E24
. . . . . aagcucggagugcuaagaagaaa . . . . .	8	0	E24
. . . . . aagcucggagugcuaagaagaaaA . . . . .	2	1	E24
. . . . . agcucggagugcuaagaaga . . . . .	1	0	E24
. . . . . agcucggagugcuaagaagaaa . . . . .	4	0	E24
. . . . . uCaacuuaaguauuugcgcgcuu . . . . .	1	1	A04
. . . . . uuaacuuaaguauuugcgcgcuCg . . . . .	4	1	A04
. . . . . uuaacuuaaguauuugcgcgcuug . . . . .	1	1	A04
. . . . . uuaacuuaaguauuugcgcgcuug . . . . .	3	0	A04
. . . . . uCaacuuaaguauuugcgcgcuug . . . . .	8	1	A04
. . . . . aagcucggagugcuaagaaga . . . . .	1	0	A04
. . . . . aagcucggagugcuaagaagaa . . . . .	1	0	A04
. . . . . aagcucggagugcuaagaagaaa . . . . .	2	0	A04
. . . . . agcucggagugcuaagaagaaa . . . . .	1	0	A04
uuauuuauagauuugacguu . . . . .	1	0	E72
. . . . . uuaacuuaaguauuugcgcgcu . . . . .	1	0	E72
. . . . . uuaacuuaaguauuugcgcgcuu . . . . .	2	0	E72
. . . . . uCaacuuaaguauuugcgcgcuug . . . . .	10	1	E72
. . . . . uuaacuuaaguauuugcgcgcuCg . . . . .	26	1	E72
. . . . . uuaacuuaaguauuugcgcgcuug . . . . .	36	0	E72
. . . . . uuaacuuaaguauuugcgcgcuCgg . . . . .	5	1	E72
. . . . . Caacuuaaguauuugcgcgcuug . . . . .	3	1	E72
. . . . . aagcucggagugcuaagaag . . . . .	3	0	E72
. . . . . aagcucggagugcuaagaaga . . . . .	10	0	E72
. . . . . aagcucggagugcuaagaala . . . . .	1	1	E72
. . . . . aaUcucggagugcuaagaaga . . . . .	1	1	E72
. . . . . aagcucggagugcuaagaagaa . . . . .	3	0	E72
. . . . . aagcucggagugcuaagaagaaa . . . . .	9	0	E72
. . . . . agcucggagugcuaagaaga . . . . .	1	0	E72
. . . . . agcucggagugcuaagaagaaa . . . . .	2	0	E72
. . . . . agcucggagugcuaagaagaaaA . . . . .	1	1	E72
. . . . . uuaacuuaaguauuugcgcgcuu . . . . .	1	0	E73
. . . . . uCaacuuaaguauuugcgcgcuu . . . . .	1	1	E73
. . . . . uCaacuuaaguauuugcgcgcuug . . . . .	9	1	E73
. . . . . uuaacuuaaguauuugcgcgcuCg . . . . .	14	1	E73
. . . . . uuaacuuaaguauuugcgcgcuug . . . . .	13	0	E73
. . . . . uuaacuuaaguauuugcgcgcuCgg . . . . .	4	1	E73
. . . . . aagcucggagugcuaagaag . . . . .	1	0	E73
. . . . . aagcucggagugcuaagaaa . . . . .	1	1	E73
. . . . . aagcucggagugcuaagaaga . . . . .	1	0	E73
. . . . . aagcucggagugcuaagaagaa . . . . .	5	0	E73
. . . . . aagcucggagugcuaagaagaaa . . . . .	10	0	E73
. . . . . agcucggagugcuaagaagaaa . . . . .	2	0	E73
. . . . . agcucggagugcuaagaagaaaA . . . . .	1	1	E73
. . . . . uuaacuuaaguauuugcgcgcuCg . . . . .	2	1	A13

## Mature

## Star

uuauauauagauuugacguuuuaacuuaguauugcgcgcuugguguuauuuucaaagcucggagugcuaagaagaaugucagucuguaauaccaucucugcaugaagauu			
.....uCaacuuaguauugcgcgcuug.....	4	1	A13
.....uuaacuuaguauugcgcgcuug.....	3	0	A13
.....uuuacuuaguauugcgcgcuCgg.....	2	1	A13
.....uuuacuuaguauugcgcgAcuugg.....	1	1	A13
.....uuuacuuaguauugcgcgcuugUu.....	1	1	A13
.....aagcucggGgugcuaagaaga.....	1	1	A13
.....aagcucggagugcuaagaaga.....	1	0	A13
.....uuuacuuaguauugcgcgcuug.....	2	0	A51
.....uuuacuuaguauugcgcgcuug.....	2	0	B12
.....agcucggagugcuaagaaga.....	1	0	B12
.....uuuacuuaguauugcgcgcuu.....	1	0	E02
.....uuuacuuaguauugcgcgcuuA.....	1	1	E02
.....uuuacuuaguauugcgcgcuCg.....	16	1	E02
.....uuuacuuaguauugcgcgcuug.....	18	0	E02
.....uuuacuuaguauugcgcgcuCgg.....	2	1	E02
.....Caacuuaguauugcgcgcuugg.....	2	1	E02
.....aagcucggagugcuaagaaga.....	1	0	E02
.....aagcucggagugcuaagaaga.....	2	0	E02
.....aagcucggagugcuaagaagaaa.....	4	0	E02
.....agcucggagugcuaagaag.....	1	0	E02
.....uuuacuuaguauugcgcgcuCg.....	15	1	E74
.....uuuacuuaguauugcgcgcuug.....	8	0	E74
.....uuuacuuaguauugcgcgcuCgg.....	1	1	E74
.....uuuacuuaguauugcgcgcuugg.....	3	0	E74
.....uuuacuuaguauugcgcgcuug.....	1	0	E74
.....aagcucggagugcuaagaaga.....	6	0	E74
.....aagcucggagugcuaagaaga.....	6	0	E74
.....aagcucggagugcuaagaagaaa.....	3	0	E74
.....agcucggagugcuaagaaga.....	1	0	E74
.....agcucggagugcuaagaaga.....	2	0	E74
.....uuuacuuaguauugcgcgcuu.....	1	0	T71
.....uuuacuuaguauugcgcgcuug.....	5	0	T71
.....uuuacuuaguauugcgcgcuug.....	2	0	A64
.....aagcucggagugcuaagaaga.....	1	0	A64
.....uuuacuuaguauugcgcg.....	1	0	H71
.....uuuacuuaguauugcgcgcu.....	1	0	H71
.....uuuacuuaguauugcgcgcuu.....	1	0	H71
.....uuuacuuaguauugcgcgcuug.....	89	0	H71
.....uuuacuuaguCuugcgcgcuug.....	1	1	H71
.....uuuacuuaguauugcgcgcuCg.....	1	1	H71
.....uuuaguuaguauugcgcgcuug.....	1	1	H71
.....uuuacuuaguauugcgcgcuugg.....	3	0	H71
.....uuuacuuaguauugcgcgcuug.....	1	0	H71
.....Caacuuaguauugcgcgcuug.....	1	1	H71
.....uuuacuuaguauugcgcgcuugg.....	1	0	H71
.....caagcucggagugcuaagaag.....	1	0	H71
.....aagcucggagugcuaagaag.....	3	0	H71
.....aagcucggagugcuaagaaga.....	2	0	H71
.....Cagcucggagugcuaagaaga.....	1	1	H71
.....aagcucggagugcuaagaagaa.....	1	0	H71
.....agcucggagugcuaagaag.....	2	0	H71
.....agcucggagugcuaagaaga.....	1	0	H71
.....agcucggagugcuaagaagaa.....	1	0	H71
.....agcucggagugcuaagaagaaa.....	3	0	H71
.....uuuacuuaguauugcgcgcuug.....	6	0	H34
.....uuuacuuaguauugcgcgcuCg.....	10	1	H34
.....uuuacuuaguauugcgcgcuugg.....	1	0	H34
.....aagcucggagugcuaagaag.....	2	0	H34
.....aagcucggagugcuaagaaga.....	4	0	H34
.....aagcucggagugcuaagaagaa.....	4	0	H34
.....aagcucggagugcuaagaagaaa.....	3	0	H34
.....uuuacuuaguauugcgcgcuCg.....	3	1	A02

## Mature

## Star

uuauauauagauuugacguuuuaacuuaaguauugcgcgcuugguguuuuuuuucagcucggagugcuaagaagaaugucagucuguaauaccaucucugcaugaagauu			
.....uuacuuaaguauugcgcgcuug.....	2	0	A02
.....uuacuuaaguauugcgcgcuugU.....	1	1	A02
.....uuacuuaaguauugcgcgcuug.....	1	0	B11
.....uuacuuaaguauugcgcgcuug.....	1	0	E01
.....aagcucggagugcuaagaaga.....	2	0	E01
.....aagcucggagugcuaagaagaa.....	3	0	E01
.....aagcucggagugcuaagaagaaa.....	3	0	E01
.....uuacuuaaguauugcgcgcuCg.....	3	1	E13
.....uuacuuaaguauugcgcgcuugg.....	1	0	E13
.....uuacuuaaguauugcgcgcuCgg.....	1	1	E13
.....aagcucggGgugcuaaga.....	1	1	E13
.....aagcucggGgugcuaagaaga.....	1	1	E13
.....aagcAcggagugcuaagaagaa.....	1	1	E13
.....uCaacuuaaguauugcgcgcuug.....	1	1	A44
.....uuacuuaaguauugcgcgcuug.....	2	0	A44
.....uuacuuaaguauugcgcgAcuug.....	1	1	A44
.....uuacuuaaguauugcgcgcuCg.....	7	1	A01
.....uuacuuaaguauugcgcgcuug.....	3	0	A01
.....uCaacuuaaguauugcgcgcuug.....	5	1	A01
.....uuacuuaaguauugcgcgcuuggu.....	1	0	A01
.....aagcucggagugcuaagaagaaa.....	1	0	A01
.....uCaacuuaaguauugcgcgcuug.....	2	1	A11
.....aagcucggagugcuaagaaga.....	1	0	A11
.....aagcucggGgugcuaagaagaaa.....	1	1	A11
.....uuacuuaaguauugcgcgcuCg.....	1	1	B14
.....aagcucggagugcuaagaag.....	1	0	B14
.....aagcucggagugcuaagaaga.....	1	0	B14
.....uuacuuaaguauugcgcgcuCg.....	2	1	A12
.....uuacuuaaguauugcgcg.....	1	0	A63
.....uuacuuaaguauugcgcgcuug.....	3	0	A63
.....uuacuuaaguauugcgcgAcu.....	1	1	H14
.....uuacuuaaguauugcgcgAcuug.....	2	1	H14
.....uuacuuaaguauugcgcgcuug.....	6	0	H14
.....uuacuuaaguauugcgcgcuCg.....	3	1	H14
.....uCaacuuaaguauugcgcgcuug.....	4	1	H14
.....uuacuuaaguauugcgcgcuCgg.....	2	1	H14
.....uuacuuaaguauugcgcgcuugg.....	1	0	H14
.....aagcucggagugcuaagaag.....	2	0	H14
.....aagcucggagugcuaagaaga.....	1	0	H14
.....aagcucggagugcuaagaagaa.....	5	0	H14
.....aagcucggagugcuaagaagaaa.....	6	0	H14
.....aaUcucggagugcuaagaagaaa.....	1	1	H14
.....uuacuuaaguauugcgcgcuug.....	3	0	H12
.....uCaacuuaaguauugcgcgcuug.....	5	1	H12
.....uuacuuaaguauugcgcgAcuug.....	1	1	H12
.....uuacuuaaguauugcgcgcuCg.....	3	1	H12
.....uuacuuaaguauugcgcgcuugU.....	1	1	H12
.....aagcucggagugcuaagaaga.....	3	0	H12
.....aagcucggagugcuaagaagaa.....	3	0	H12
.....aagcucggagugcuaagaagaaa.....	9	0	H12
.....aagcucggagugcuaagaagaaaA.....	1	1	H12
.....agcucggagugcuaagaag.....	1	0	H12
.....agcucggagugcuaagaagaaa.....	1	0	H12
.....uuacuuaaguauugcgcgcuCg.....	3	1	T72
.....uCaacuuaaguauugcgcgcuug.....	1	1	T72
.....uuacuuaaguauugcgcgcuCgg.....	1	1	T72
.....uuacuuaaguauugcgcgcu.....	1	0	A43

## Mature

## Star

uuauauauagauuugacguuuuaacuuaguuugcgcgcuugguuuuuuuucagcucggagugcuaagaagaaugucagucuguaauaccaucucugcaugaagauu			
..... uuaacuuaguuugcgcgcuug.....	1	0	A43
..... uCaacuuaguuugcgcgcuug.....	1	1	A43
..... uuaacuuaguuugcgcgcuugA.....	2	1	A43
..... uuaacuuaguuugcgcgcuuggug.....	1	0	A43
..... aagcucggagugcuaagaaga.....	1	0	A43
..... uCaacuuaguuugcgcgcuug.....	5	1	B03
..... uuaacuuaguuugcgcgcuCg.....	4	1	B03
..... uuaacuuaguuugcgcgcuug.....	1	0	B03
..... uuaacuuaguuugcgcgcuCgg.....	1	1	B03
..... uuaacuuaguuugcgcgcuug.....	1	0	A54
..... uuaacuuaguuugcgcgcuugg.....	2	0	A54
..... aagcucggagugcuaagaag.....	1	0	A54
..... aagcucggagugcuaagaaga.....	1	0	A54
..... uuaacuuaguuugcgcgcuug.....	5	0	H23
..... aacuuaguuugcgcgcuug.....	1	0	H23
..... aagcucggagugcuaagaa.....	1	0	H23
..... aagcucggagugcuaagaag.....	1	0	H23
..... aagcucggagugcuaagaaga.....	3	0	H23
..... aagcucggagugcuaagaagaa.....	1	0	H23
..... aagcucggagugcuaagaagaaa.....	4	0	H23
..... agcucggagugcuaagaagaaaA.....	1	1	H23
..... uuaacuuaguuugcgcgcu.....	1	0	H03
..... uuaacuuaguuugcgcgcuC.....	2	1	H03
..... uCaacuuaguuugcgcgcuu.....	2	1	H03
..... uuaacuuaguuugcgcgcuug.....	44	0	H03
..... uuaacuuaguuugcgGgcuug.....	1	1	H03
..... uCaacuuaguuugcgcgcuug.....	14	1	H03
..... uuaacuuaguuugcgcgcuCg.....	51	1	H03
..... uuaacuuaguuugcgcgcuugU.....	4	1	H03
..... uuaacuuaguuugcgcgcuugg.....	2	0	H03
..... uuaacuuaguuugcgcgcuCgg.....	1	1	H03
..... Caacuuaguuugcgcgcuug.....	2	1	H03
..... Caacuuaguuugcgcgcuugg.....	1	1	H03
..... aagcucggagugcuaagaa.....	2	0	H03
..... aagcucggagugcuaagaag.....	6	0	H03
..... aagcucggagugcuaagaaga.....	8	0	H03
..... aagcucggagugcuaagaagaa.....	7	0	H03
..... aagcucggagugcuaagaagaaa.....	9	0	H03
..... aagcucggagugcuaagaagaaa.....	1	0	H03
..... agcucggagugcuaagaaga.....	3	0	H03
..... agcucggagugcuaagaagaaa.....	1	0	H03
..... agcucggagugcuaagaagaaaA.....	1	1	H03
..... uuaacuuaguuugcgcgcu.....	1	0	H72
..... uuaacuuaguuugcgcgcuug.....	5	0	H72
..... uuaacuuaguuugcgcgcuCg.....	47	1	H72
..... uCaacuuaguuugcgcgcuug.....	2	1	H72
..... uuaacuuaguuugcgcgcuugg.....	1	0	H72
..... uuaacuuaguuugcgcgcuCgg.....	5	1	H72
..... Caacuuaguuugcgcgcuug.....	2	1	H72
..... uaacuuaguuugcgcgcuCg.....	1	1	H72
..... aagcucggagugcuaagaag.....	2	0	H72
..... aagcucggagugcuaagaaga.....	17	0	H72
..... aagcGcggagugcuaagaagaa.....	1	1	H72
..... aagcucggagugcuaagaagaa.....	8	0	H72
..... aaCcucggagugcuaagaagaaa.....	1	1	H72
..... aagcucggagugcuaagaagaaa.....	19	0	H72
..... aagcucggagugcuaagaagaaa.....	1	0	H72
..... agcucggagugcuaagaagaa.....	1	0	H72
..... uuaacuuaguuugcgcgcu.....	1	0	H32
..... uCaacuuaguuugcgcgcu.....	1	1	H32
..... uuaacuuaguuugcgcgcuug.....	5	0	H32
..... uCaacuuaguuugcgcgcuug.....	1	1	H32
..... uuaacuuaguuugcgcgcuCg.....	2	1	H32
..... uuaacuuaguuugcgcgcuugU.....	1	1	H32

## Mature

## Star

uuauauauagauuugacguuuuaacuuaguauugcgcgcuugguuuuuuuuucagcucggagugcuaagaagaaugucagucuguaauaccaucucugcaugaagauu			
.....uaacuuaguauugcgcgcuCgg.....	1	1	H32
.....aagcucggagugcuaagaag.....	4	0	H32
.....aagcucggagugcuaagaaga.....	7	0	H32
.....aagcucggagugcuaagaagaa.....	5	0	H32
.....aagcucggagugcuaagaagaaa.....	2	0	H32
.....aagcucggagugcuaagaagaaa.....	1	0	H32
.....aagcucggagugcuaagaagaaaA.....	1	1	H32
.....agcucggagugcuaagaagaaa.....	2	0	H32
.....			
.....uuacuauaguauugcgcgcuC.....	1	1	H52
.....uuacuauaguauugcgcgcuu.....	1	0	H52
.....uuacuauaguauugcgcgcuCg.....	4	1	H52
.....uuacuauaguauugcgcgcuug.....	11	0	H52
.....uCaacuauaguauugcgcgcuug.....	13	1	H52
.....uuacuauaguauugcgcgcuugU.....	1	1	H52
.....Caacuauaguauugcgcgcuug.....	1	1	H52
.....aagcucggagugcuaagaag.....	3	0	H52
.....aagcucggagugcuaagaaga.....	6	0	H52
.....aagcucggagugcuaagaagaa.....	4	0	H52
.....aagcucggagugcuaagaGgaaa.....	1	1	H52
.....aagcucggagugcuaagaagaaa.....	3	0	H52
.....agcucggagugcuaagaag.....	1	0	H52
.....agcucggagugcuaagaagaaa.....	1	0	H52
.....			
.....uuacuauaguauugcgcgcuug.....	1	0	A22
.....			
.....uuacuauaguauugcgcgcuug.....	11	0	H51
.....uuacuauaguauugcgcgcuugU.....	1	1	H51
.....uuacuauaguauugcgcgcuugg.....	1	0	H51
.....uaacuauaguauugcgcgcuug.....	1	0	H51
.....aagcucggagugcuaagaa.....	1	0	H51
.....aagcucggagugcuaagaaga.....	1	0	H51
.....agcucggagugcuaagaagaa.....	1	0	H51
.....agcucggagugcuaagaagaaaA.....	1	1	H51
.....			
.....uCaacuauaguauugcgcgcuu.....	2	1	H24
.....uuacuauaguauugcgcgcuC.....	1	1	H24
.....uuacuauaguauugcgcgcuu.....	4	0	H24
.....uuacuauaguauugcgcgcuCg.....	11	1	H24
.....uuacuauaguauugcgcgcuug.....	19	0	H24
.....uCaacuauaguauugcgcgcuug.....	12	1	H24
.....uuacuauaguauugcgcgcuCgg.....	1	1	H24
.....uuacuauaguauugcgcgcuugg.....	2	0	H24
.....uCaacuauaguauugcgcgcuugg.....	1	1	H24
.....uuacuauaguauugcgcgcuugU.....	1	1	H24
.....aagcucggagugcuaagaa.....	1	0	H24
.....aagcucggagugcuaagaag.....	2	0	H24
.....aagcucggagugcuaagaaga.....	8	0	H24
.....aagcucggagugcuaagaagaa.....	14	0	H24
.....aagcucggagugcuaagaagaaa.....	9	0	H24
.....aagcucggagugcuaagaagaaa.....	1	0	H24
.....aagcucggagugcuaagaagaaaA.....	1	1	H24
.....agcucggagugcuaagaagaaa.....	1	0	H24
.....			
.....uuacuauaguauugcgcgAuu.....	1	1	R71
.....uuacuauaguauugcgcgcuug.....	8	0	R71
.....uuacuauaguauugcgcgAuuug.....	1	1	R71
.....uCaacuauaguauugcgcgcuug.....	13	1	R71
.....uuacuauaguauugcgcgcuCg.....	15	1	R71
.....uuacuauaguauugcgAguug.....	1	1	R71
.....uuacuauaguauugcgcgcuCgg.....	1	1	R71
.....uuacuauaguauugcgcgAuuugg.....	4	1	R71
.....aagcucggagugcuaagaaga.....	1	0	R71
.....aagcucggagugcuaagaagaa.....	2	0	R71
.....aagcucggagugcuaagaagaaa.....	2	0	R71
.....			
.....aagcucggagugcuaagaaga.....	1	0	A31
.....aagcucggagugcuaagaagaaa.....	1	0	A31
.....			
.....uuacuauaguauugcgcgcuCg.....	2	1	H13

## Mature

## Star

uuauauauagauuugacguuuuaacuuaguauugcgcgcuugguuaauuucacagcucggagugcuaagaagaaugucagucuguaauaccaucucugcaugaagauu			
..... uuaacuuaguauugcgcgcuug.....	7	0	H13
..... uuaacuuaguauugcgcgcuugU.....	1	1	H13
..... uuaacuuaguauugcgcgcuCgg.....	2	1	H13
..... aagcucggagugcuaagaag.....	1	0	H13
..... aagcucggagugcuaagaaga.....	8	0	H13
..... aagcucggagugcuaagaCga.....	1	1	H13
..... aagcucggagugcuaagaagaa.....	1	0	H13
..... aagcucggagugcuaagaagaaa.....	6	0	H13
..... agcucggagugcuaagaagaaa.....	2	0	H13
..... uuaacuuaguauugcgcgcu.....	1	0	A52
..... uCaacuuaguauugcgcgcuug.....	2	1	A52
..... aagcucggagugcuaagaagaaa.....	1	0	A52
..... uuaacuuaguauugcgcgcuCg.....	5	1	E23
..... uuaacuuaguauugcgcgcuug.....	7	0	E23
..... uuaacuuaguauugcgcgcuCgg.....	2	1	E23
..... aagcucggagugcuaagaa.....	1	0	E23
..... aagcucggagugcuaagaag.....	1	0	E23
..... aagcucggagugcuaagaagaa.....	2	0	E23
..... aagcucggagugcuaagaagaaa.....	3	0	E23
..... agcucggagugcuaagaag.....	1	0	E23
..... agcucggagugcuaagaaga.....	1	0	E23
..... agcucggagugcuaagaagaaa.....	2	0	E23
..... uuaacuuaguauugcgcgcuCg.....	1	1	H02
..... uuaacuuaguauugcgcgcuCg.....	17	1	H02
..... uuaacuuaguauugcgcgcuug.....	23	0	H02
..... uuaacuuaguauugcgcgcuugg.....	1	0	H02
..... uuaacuuaguauugcgcgcuCgg.....	5	1	H02
..... uuaacuuaguauugcgcgcuuggC.....	1	1	H02
..... aagcucggagugcuaagaaga.....	4	0	H02
..... aagcucggagugcuaagaagaa.....	1	0	H02
..... aagcucggagugcuaagaagaaa.....	2	0	H02
..... uuaacuuaguauugcgcgcuCg.....	22	1	E71
..... uuaacuuaguauugcgcgcuug.....	19	0	E71
..... uCaacuuaguauugcgcgcuug.....	6	1	E71
..... uuaacuuaguauugcgcgAcuug.....	4	1	E71
..... uuaacuuaguauugcgcgAcuugg.....	2	1	E71
..... uuaacuuaguauugcgcgcuCgg.....	5	1	E71
..... Caacuuaguauugcgcgcuugg.....	1	1	E71
..... aagcucggagugcuaagaaga.....	4	0	E71
..... aagcucggagugcuaagaagaa.....	6	0	E71
..... aagcucggagugcuaagaagaC.....	1	1	E71
..... aagcucggGgugcuaagaagaaa.....	2	1	E71
..... aagcucggagugcuaagaagaaa.....	5	0	E71
..... aagcucggagugcuaagaagaaaA.....	1	1	E71
..... agcucggagugcuaagaaga.....	2	0	E71
..... agcucggagugcuaagaagaa.....	1	0	E71
..... agcucggagugcuaagUagaaa.....	1	1	E71
..... uCaacuuaguauugcgcgcuu.....	1	1	H21
..... uuaacuuaguauugcgcgcuCg.....	7	1	H21
..... uCaacuuaguauugcgcgcuug.....	6	1	H21
..... uuaacuuaguauugcgcgcuug.....	2	0	H21
..... uuaacuuaguauugcgcgcuCgg.....	1	1	H21
..... aagcucggagugcuaagaag.....	1	0	H21
..... aagcucggagugcuaagaagaa.....	6	0	H21
..... aagcucggagugcuaagaagaaa.....	8	0	H21
..... uuaacuuaguauugcgcgcu.....	1	0	B02
..... uuaacuuaguauugcgcgcuCg.....	6	1	B02
..... uuaacuuaguauugcgcgcuug.....	11	0	B02
..... uuaacuuaguauugcgcgcuugg.....	1	0	B02
..... uuaacuuaguauugcgcgcuugA.....	1	1	B02
..... aagcucggagugcuaagaagaa.....	1	0	B02
..... aagcucggCgugcuaagaagaaa.....	1	1	B02
..... uuaacuuCguauugcgcgcu.....	1	1	E22

## Mature

## Star

uuauauauagauuugacguuuuaacuuagauuugcgcgcuuguuuuuuuucagcucggagugcuaagaagaaugucagucuguaauaccaucucugcaugaagauu			
.....uuaacuuagauuugcgcgcuCg.....	4	1	E22
.....uuaacuuagauuugcgcgcuug.....	15	0	E22
.....uuaacuuagAauugcgcgcuug.....	1	1	E22
.....uuaacuuagauuugAgcgcuug.....	1	1	E22
.....uuaacuuagauuugcgcgcuugU.....	1	1	E22
.....uaacuuagauuugcgcgcuCg.....	1	1	E22
.....aagcucggagugcuaagaag.....	1	0	E22
.....aagcucggagugcuaagaaga.....	6	0	E22
.....aagcucggagugcuaagaagaa.....	2	0	E22
.....aagcucggagugcuaagaagaUa.....	1	1	E22
.....aagcucggagugcuaagaCgaaa.....	1	1	E22
.....aagcucggagugcuaagaagaaa.....	5	0	E22
.....aagcucggagugcuaagaagaaaA.....	1	1	E22
.....agcucggagugcuaagaaga.....	1	0	E22
.....agcucggagugcuaagaagaa.....	1	0	E22
.....agcucggagugcuaagaagaaa.....	3	0	E22
.....uuaacuuagauuugcgcgcuCg.....	4	1	H64
.....uCaacuuagauuugcgcgcuug.....	4	1	H64
.....uuaacuuagauuugcgcgcuug.....	8	0	H64
.....uuaacuuagauuugcgcgcuCgg.....	2	1	H64
.....aagcucggagugcuaagaag.....	2	0	H64
.....aagcucggagugcuaagaaga.....	5	0	H64
.....aagcucggagugcuaagaagaa.....	2	0	H64
.....aagcucggagugcuaagaagaaa.....	3	0	H64
.....uCaacuuagauuugcgcgcuu.....	1	1	E21
.....uCaacuuagauuugcgcgcuug.....	4	1	E21
.....uuaacuuagauuugcgcgcuug.....	1	1	E21
.....uuaacuuagauuugcgcgcuCg.....	7	1	E21
.....uuaacuuagauuugcgcgcuug.....	1	0	E21
.....uuaacuuagauuugcgcgcuugg.....	1	0	E21
.....aagcucggagugcuaaga.....	1	0	E21
.....aagcucggagugcuaagaaga.....	2	0	E21
.....aagcucggagugcuaagaagaa.....	2	0	E21
.....aagcucggGgugcuaagaagaaa.....	2	1	E21
.....aagcucggagugcuaagaagaaa.....	5	0	E21
.....agcucggagugcuaagaaga.....	1	0	E21
.....uCaacuuagauuugcgcgcuu.....	1	1	H22
.....uuaacuuagauuugcgcgcuug.....	26	0	H22
.....uuaacuuagauuugcgcgcuCg.....	8	1	H22
.....uCaacuuagauuugcgcgcuug.....	4	1	H22
.....uaacuuagauuugcgcgcuCgg.....	2	1	H22
.....uaacuuagauuugcgcgcuugg.....	1	0	H22
.....aagcucggagugcuaagaag.....	4	0	H22
.....aagcucggagugcuaagaaga.....	22	0	H22
.....aagcucggagugcuaagaagaa.....	7	0	H22
.....aagcucggagugcuaagaagaaa.....	11	0	H22
.....agcucggagugcuaagaaga.....	1	0	H22
.....uuaacuuagauuugcgcgcu.....	1	0	E11
.....uuaacuuagauuugcgcgcuug.....	1	0	E11
.....uuaacuuagauuugcgcgcuug.....	4	0	A24
.....uCaacuuagauuugcgcgcuug.....	1	1	A24
.....uuaacuuagauuugcgcgcuCg.....	1	1	A24
.....uuaacuuagauuugcgcgcuugA.....	2	1	A24
.....uuaacuuagauuugcgcgcuugU.....	1	1	A24
.....uuaacuuagauuugcgcgcuCg.....	1	1	R74
.....uuaacuuagauuugcgcgcuug.....	3	0	B01
.....uCaacuuagauuugcgcgcuu.....	1	1	H53
.....uCaacuuagauuugcgcgcuug.....	12	1	H53
.....uuaacuuagauuugcgcgcuug.....	13	0	H53
.....uuaacuuagauuugAgcgcuug.....	1	1	H53
.....uuaacuuagauuugcgcgcuCg.....	11	1	H53
.....uCaacuuagauuugcgcgcuugg.....	1	1	H53

## Mature

## Star

uuauauauagauuugacguuuuaacuuaguauugcgcgcuugguuuuuuuucaaagcucggagugcuaagaagaaugucagucuguaauaccaucucugcaugaagauu			
.....Caacuuaguauugcgcgcuug.....	1	1	H53
.....aagcucggagugcuaagaag.....	4	0	H53
.....aGcucggagugcuaagaag.....	1	1	H53
.....aagcucggagugcuaagaaga.....	6	0	H53
.....aagcucggagugcuCagaaga.....	1	1	H53
.....aagcucggagugcuaagaagaa.....	6	0	H53
.....aagcucggagugcuaagaagaaa.....	2	0	H53
.....aagcucggagugcuaagaagaaaA.....	3	1	H53
.....aagcucggagugcuaagaagaaaU.....	2	1	H53
.....agcucggagugcuaagaagaaa.....	1	0	H53
.....uCaacuuaguauugcgcgcuu.....	1	1	H33
.....uuuacuuaguauugcgcgcuCg.....	4	1	H33
.....uCaacuuaguauugcgcgcuug.....	1	1	H33
.....uuuacuuaguauugcgcgcuCgg.....	1	1	H33
.....aagcucggagugcuaagaag.....	3	0	H33
.....aagcucggagugcuaagaaga.....	16	0	H33
.....aagcucggagugcuaagaagaa.....	2	0	H33
.....aagcucggagugcuaagaagaaU.....	1	1	H33
.....aagcucggagugcuaagaagaaa.....	4	0	H33
.....aagcucggagugcuaagaagaaUu.....	1	1	H33
.....uuuacuuaguauugcgcgcuug.....	1	0	E03
.....uCaacuuaguauugcgcgcuug.....	1	1	E03
.....uuuacuuaguauugcgcgcuCg.....	4	1	E03
.....uuuacuuaguauugcgcgcuCgg.....	1	1	E03
.....uCaacuuaguauugcgcgcuugg.....	1	1	E03
.....aagcucggagugcuaagaag.....	1	0	E03
.....aagcucggagugcuaagaaga.....	1	0	E03
.....aagcucggagugcuaagaagaaa.....	1	0	E03
.....agcucggagugcuaagaagaaa.....	1	0	E03
.....uuuacuuaguauugcgcgcuu.....	2	0	H44
.....uuuacuuaguauugcgcgcuC.....	1	1	H44
.....uuuacuuaguauugcgcgcuug.....	7	0	H44
.....uCaacuuaguauugcgcgcuug.....	1	1	H44
.....uuuacuuaguauugcgcgcuCg.....	3	1	H44
.....uuuacuuaguauugcgcgcuugU.....	1	1	H44
.....uuuacuuaguauugcgcgcuugg.....	1	0	H44
.....aagcucggagugcuaagaagU.....	1	1	H44
.....aagcucggagugcuaagaaga.....	9	0	H44
.....aagcucggagugcuaagaagaa.....	2	0	H44
.....uuuacuuaguauugcgcgcu.....	1	0	B04
.....uuuacuuaguauugcgcgcuug.....	2	0	B04
.....uuuacuuaguauugUgcgcuug.....	1	1	B04
.....uCaacuuaguauugcgcgcuu.....	1	1	H01
.....uuuacuuaguauugcgcgcuug.....	6	0	H01
.....uuuacuuaguauugcgcgcuCg.....	16	1	H01
.....uCaacuuaguauugcgcgcuug.....	17	1	H01
.....uuuacuuaguauugcgcgcuCgg.....	4	1	H01
.....uuuacuuaguauugcgcgcuugU.....	1	1	H01
.....uuuacuuaguauugcgcgcuCg.....	1	1	H01
.....Caacuuaguauugcgcgcuugg.....	1	1	H01
.....aagcucggagugcuaagaag.....	2	0	H01
.....aagcucggagugcuaagaaga.....	4	0	H01
.....aagcucggagugcuaagaagaa.....	4	0	H01
.....aagcucggagugcuaagaagaaa.....	5	0	H01
.....agcucggagugcuaagaaga.....	1	0	H01
.....uuuacuuaguauugcgcgcu.....	2	0	H63
.....uuuacuuaguauugcgcgcuCg.....	2	1	H63
.....uuuacuuaguauugcgcgcuug.....	5	0	H63
.....uuuacuuaguauugcgcgcuug.....	1	0	H63
.....aagcucggagugcuaagaag.....	1	0	H63
.....aagcucggagugcuaagaaga.....	1	0	H63
.....aagcucggagugcuaagaagaaa.....	2	0	H63
.....agcucggagugcuaagaaga.....	1	0	H63
.....uuuacuuaguauugcgcgcu.....	1	0	H43

## Mature

## Star

uuauauauagauuugacguuuuaacuuaguuugcgcgcuugguuuuuuuucaaagcucggagugcuaagaagaaugucagucuguaauaccaucucugcaugaagauu			
.....uCaacuuaguuugcgcgcuu.....	1	1	H43
.....uuaacuuaguuugcgcgcuu.....	1	0	H43
.....uuuacuuaguuugcgcgcuC.....	1	1	H43
.....uuaacuuaguuugcgcgcuCg.....	9	1	H43
.....uCaacuuaguuugcgcgcuug.....	5	1	H43
.....uuaacuuaguuugcgcgcuug.....	11	0	H43
.....uuaacuuaguuugcgcgAcuug.....	1	1	H43
.....uuaacuuaguuugcgcgAcuugg.....	1	1	H43
.....aagcucggagugcuaagaag.....	3	0	H43
.....aagcucggagugcuaagaaga.....	6	0	H43
.....aagcucggagugcuaagaagaa.....	3	0	H43
.....aagcucggagugcuaagaagaaa.....	7	0	H43
.....uuaacuuaguuugcgcgcuCg.....	6	1	H54
.....uuuacuuaguuugcgcgcuug.....	10	0	H54
.....uuaacuuaguuugcgcgcuugU.....	1	1	H54
.....uuaacuuaguuugcgcgcuugg.....	1	0	H54
.....uuuacuuaguuugcgcgcuCgg.....	1	1	H54
.....aagcucggagugcuaagaag.....	1	0	H54
.....aagcucggagugcuaagaaga.....	3	0	H54
.....aagcucggagugcuaagaagaa.....	1	0	H54
.....aagcucggagugcuaagaagaaU.....	1	1	H54
.....aagcucggagugcuaagaagaaa.....	3	0	H54
.....agcucggagugcuaagaagaaa.....	1	0	H54
.....uuaacuuaguuugcgcgcu.....	1	0	H73
.....uuuacuuaguuugcgcgcuC.....	1	1	H73
.....uuuacuuaguuugcgcgAcuug.....	5	1	H73
.....uuaacuuaguuugcgcgcuug.....	21	0	H73
.....uCaacuuaguuugcgcgcuug.....	12	1	H73
.....uuaacuuaguuugcgcgcuCg.....	22	1	H73
.....uuuacuuaguuugcgcgcuCgg.....	1	1	H73
.....Caacuuaguuugcgcgcuug.....	1	1	H73
.....aagcucggagugcuaagaag.....	1	0	H73
.....aaCucggagugcuaagaaga.....	1	1	H73
.....aagcucggagugcuaagaaga.....	14	0	H73
.....aagcucggagugcuaagaagaa.....	12	0	H73
.....aagcucggagugcuaagaagaaa.....	18	0	H73
.....aagcucggagugcuaagaagaaG.....	1	1	H73
.....aagcucggagugcuaagaagaaau.....	1	0	H73
.....agcucggagugcuaagaagaaa.....	5	0	H73
.....agcucggagugcuaagaagaaaA.....	1	1	H73
.....cucggagugcuaagaagaaaA.....	1	1	H73
.....uuaacuuaguuugcgcgcuC.....	2	1	H74
.....uuuacuuaguuugcgcgcuAug.....	1	1	H74
.....uuuacuuaguuugcgcgcuCg.....	21	1	H74
.....uuuacuuaguuugcgcgcuug.....	13	0	H74
.....uCaacuuaguuugcgcgcuug.....	19	1	H74
.....uuuacuuaguuugcgcgcuCgg.....	2	1	H74
.....aagcucggagugcuaagaag.....	1	0	H74
.....aagcucggagugcuaagaag.....	3	0	H74
.....aagcucggagugcuaagaaga.....	4	0	H74
.....aagcucggagugcuaagaagaa.....	3	0	H74
.....aagcucggagugcuaagaagaaa.....	14	0	H74
.....aagcucggagugcuaGgaagaaa.....	1	1	H74
.....aagcucggagugcuaagaagaaaA.....	1	1	H74
.....agcucggagugcuaagaaga.....	1	0	H74
.....agcucggagugcuaagaagaaa.....	3	0	H74
.....agcucggagugcuaagaagaaaA.....	2	1	H74
.....uuaacuuaguuugcgcgcu.....	1	0	R72
.....uuuacuuaguuugcgcgcuug.....	3	0	R72
.....uuuacuuaguuugcgcgcuCg.....	3	1	R72
.....aagcucggagugcuaagaaga.....	1	0	R72