



## Mature

## Star

gaagauuuugccucucaaua**cacucuaaguaugaacgcgaacg**guacuuuuuaguuugguguucua**ccuuacagug**aaauugagugacagacaagacaucaagaagaagacgagaa

.....cacucuaaguaugaacgcgaacg.....	23	0	H63
.....cacucuaaguaugaacgcgaacgA.....	3	1	H63
.....acucuaaguaugaacgcgaacg.....	1	0	H63
.....Ccacucuaaguaugaacgcgaacg.....	1	1	H43
.....cacucuaaguaugaacCcc.....	1	1	H43
.....cacucuaaguaugaacgcgc.....	3	0	H43
.....cacucuaaguaugaacgcgcaa.....	1	0	H43
.....cacucuaaguaugaacgcgcaag.....	4	0	H43
.....cacucuaaguaugaacgcgcaagc.....	66	0	H43
.....cacucuaaguaugaacgcgCUaagc.....	1	1	H43
.....cacucuaaguaugaacgcgcaagcU.....	1	1	H43
.....cacucuaaguaugaacgcgcaagcA.....	8	1	H43
.....cacucuaaguaugaacgcgcca.....	1	0	H01
.....cacuAuaaguaugaacgcgcaa.....	1	1	H01
.....cacucuaaguaugaacgcgcaagc.....	28	0	H01
.....cacucuaaguaugaacgcgcaagcA.....	2	1	H01
.....cacucuaaguaugaacgcgc.....	2	0	H44
.....caUucuaaguaugaacgcgc.....	1	1	H44
.....cacucuaaguaugaacgcgcca.....	1	0	H44
.....cacucuaaguaugaacgcgccaag.....	6	0	H44
.....caUucuaaguaugaacgcgccaagc.....	1	1	H44
.....cacucuaaguaugaacgcgccaagc.....	62	0	H44
.....cacucuaaguaugaacgcgccaagcA.....	3	1	H44
.....cacucuaaguaugaacgcgccaagcU.....	3	1	H44
.....uugguguucua <u>ccuuacag</u> u.....	1	0	H44
.....cacucuaaguaugaacgcgccaagc.....	1	0	E03
.....cacucuaaguaugaacgcgccaagc.....	33	0	E13
.....acucuaaguaugaacgcgccaagc.....	1	0	E13
.....uugguguucua <u>ccuuacag</u> uaa.....	1	0	E13
.....cacucuaaguaugaacgcgccaagc.....	13	0	E01
.....cacucuaaguaugaacgcgc.....	1	0	H33
.....cacucuaaguaugaacgcgccaag.....	1	0	H33
.....cacuAuaaguaugaacgcgccaagc.....	1	1	H33
.....cacucuaaguaugaacgcgccaagc.....	42	0	H33
.....cacucuaaguaugaacgcgccaagcU.....	3	1	H33
.....cacucuaaguaugaacgcgccaagcC.....	3	1	H33
.....cacucuaaguaugaacgcgccaagcA.....	3	1	H33
.....cacucuaaguaugaacgcgc.....	2	0	H53
.....cacucuaaguaugaacgcgccaag.....	4	0	H53
.....cacucuaaguaugaacAccaagc.....	1	1	H53
.....cacucuaaguaugaacgcgccaagU.....	1	1	H53
.....cacucuaaguaugaacgcgccaagc.....	133	0	H53
.....cacucuaaguaugaAcgccaagc.....	1	1	H53
.....cacucuaaguaugaCcgccaagc.....	1	1	H53
.....cacucuaaguaugaacgcgccaagcA.....	6	1	H53
.....cacucuaaguaugaacgcgccaagcC.....	1	1	H53
.....cacucuaaguaugaacgcgccaagcU.....	6	1	H53
.....acucuaaguaugaacgcgccaagc.....	2	0	H53
.....uugguguucua <u>ccuuacag</u> u.....	2	0	H53
.....cacucuaaguaugaacgcgc.....	3	0	H34
.....cacucuaaguaugaacgcgcca.....	1	0	H34
.....cacucuaaguaugaacgcgccaag.....	2	0	H34
.....cacucuaaguaugaacAccaagc.....	1	1	H34
.....cacucuaaguaugaacgcgccaagc.....	61	0	H34
.....cacucuaaguaugaacUccaagc.....	1	1	H34
.....cacucuaaguaugaacgcgccaagcC.....	1	1	H34
.....cacucuaaguaugaacgcgccaagcA.....	1	1	H34
.....acacucuaaguaugaacgcgccaagc.....	1	0	H71
.....cacucuaaguaugaacgcgc.....	1	0	H71
.....cacucuaaguaugaacgcgc.....	4	0	H71

## Mature

## Star

gaagauuuugccucucaauacacucuaaguaugaacgcgaacgcuacuuuuuaguuugguguucuaaccuuacagugaaugagugacagaagacaucaagaagaagacgagaa

.....cacucuaaguaugaacgcga.....	1	0	H71
.....cacucuaaguaugaacgcgaag.....	3	0	H71
.....caAucuaaguaugaacgcgaagc.....	1	1	H71
.....caGucuaaguaugaacgcgaagc.....	1	1	H71
.....cacucuaaguaugaacgcgaagc.....	148	0	H71
.....cacucuaaguaugaacgcgaagcA.....	4	1	H71
.....cacucuaaguaugaacgcgaagcU.....	2	1	H71
.....acucuaaguaugaacgcgaagc.....	4	0	H71
.....acAcuaaguaugaacgcgaagc.....	1	1	H71
.....uugguguucuaaccuuacagu.....	2	0	H71
.....cacucuaaguaugaacgcgc.....	2	0	H22
.....cacucuaaguaugaacgcgcaa.....	1	0	H22
.....cacucuaaguaugaacgcgaag.....	1	0	H22
.....cacucuaaguaugaacGgcgaagc.....	1	1	H22
.....cacucuaaguaugaacgcgaagc.....	144	0	H22
.....cacucuaaguaugaacgcUaagc.....	1	1	H22
.....cacucuaaguaugaacgcgaagcU.....	2	1	H22
.....cacucuaaguaugaacgcgaagcC.....	1	1	H22
.....cacucuaaguaugaacgcgaagcA.....	2	1	H22
.....acucuaaguaugaacgcgaagc.....	1	0	H22
.....cacucuaaguaugaacgcgaagc.....	14	0	E11
.....uugguguucuaaccuuacagu.....	1	0	E11
.....cacucuaaguaugaacgcgaag.....	1	0	E21
.....cacucuaaguaugaacgcgaagc.....	27	0	E21
.....cacucuaaguaugaacgcgaagcU.....	1	1	E21
.....uugguguucuaaccuuacagu.....	2	0	E21
.....cacucuaaguaugaacgcgc.....	1	0	H64
.....cacucuaaguaugaacgcgcaa.....	2	0	H64
.....cacucuaaguaugaacgcgaag.....	3	0	H64
.....cacucuaaguaugaacgcgaagc.....	51	0	H64
.....cacucuaaguaugaacgcgaagA.....	1	1	H64
.....cacucuaaguaugaacgcgaagcA.....	2	1	H64
.....cacucuaaguaugaacgcgaagcU.....	1	1	H64
.....cacucuaaguaugaacgcgaagc.....	1	0	A62
.....cacucuaaguaugaacgcgaagc.....	25	0	H02
.....cacucuaaguaugaacgcgaagcU.....	1	1	H02
.....acucuaaguaugaacgcgaagc.....	1	0	H02
.....cacucuaaguaugaacgcgc.....	1	0	E22
.....cacucuaaguaugaacgcgca.....	2	0	E22
.....cacucuaaguaugaacgcgaag.....	1	0	E22
.....caAucuaaguaugaacgcgaagc.....	1	1	E22
.....cacucuaaguaugaacgcgaagc.....	67	0	E22
.....cacucuaaguaugaacgcgaagcU.....	2	1	E22
.....acucuaaguaugaacgcgaagc.....	4	0	E22
.....uugguguucuaaccuuacagu.....	2	0	E22
.....cacucuaaguaugaacgcgaag.....	3	0	E71
.....cacucuaaguaugaaUgccaagc.....	1	1	E71
.....cacucuaaguaugaacgcgaagc.....	38	0	E71
.....cacucuaaguaugaacgcgaAac.....	1	1	E71
.....cacucuaaguaugaacgcgaagcU.....	2	1	E71
.....cacucuaaguaugaacgcgaagcA.....	1	1	E71
.....acucuaaguaugaacgcgaagc.....	2	0	E71
.....uugguguucuaaccuuacagu.....	1	0	E71
.....cacucuaaguaugaacgcgc.....	1	0	H21
.....cacucuaaguaugaacgcgca.....	1	0	H21
.....cacucuaUguaugaacgcgaagc.....	1	1	H21
.....cacucuaaguaugaacgcgaagc.....	39	0	H21
.....Uacucuaaguaugaacgcgaagc.....	1	1	H21
.....cacucuaaguaugaacgcgaagcC.....	1	1	H21
.....cacucuaaguaugaacgcgaagcU.....	2	1	H21
.....acucuaaguaugaacgcgaagc.....	1	0	H21

## Mature

## Star

gaagauuuugccucucaaua**cacucuaaguaugaacgcgccaagc**guacuuuuuaguuugguguucua**ccuuacagug**aaauugagugacagaagacaucaagaagaagacgagaa

.....cacucuaaguaugaacgcc.....	2	0	E74
.....cacucuaaguaugaacgcccaag.....	4	0	E74
.....Aacucuaaguaugaacgcgccaagc.....	1	1	E74
.....cacucuaaguaugaacgcccaagc.....	57	0	E74
.....acucuaaguaugaacgcgccaagc.....	1	0	E74
.....uugguUuucuaaccuuacag.....	1	1	E74
.....uugguguucuaaccuuacagu.....	1	0	E74
.....cacucuaaguaugaacgcc.....	1	0	E23
.....cacucuaaguaugaacgcccaag.....	1	0	E23
.....cacucuaaguaugaacgcgccaagc.....	36	0	E23
.....cacucuaaguaugaacgcgccaagcA.....	1	1	E23
.....cacucuaaguaugaacgcgccaagcU.....	2	1	E23
.....cacucuaaguaugaacgcgccaagcUu.....	1	1	E23
.....acucuaaguaugaacgcgccaagc.....	1	0	E23
.....uugguguucuaaccuuacagu.....	1	0	E23
.....cacucuaaguaugaacgcc.....	1	0	H61
.....cacucuaaguaugaacgcA.....	1	1	H61
.....cacucuaaguaugaacgcgccaagA.....	1	1	H61
.....cacucuaaAuaugaacgcgccaagc.....	1	1	H61
.....cacucuaaguaugaacgcgccaagc.....	23	0	H61
.....cacucuaaguaugaacgcgccaagcA.....	2	1	H61
.....cacucuaaguaugaacgcgccaagcU.....	2	1	H61
.....cacucuaaguaugaacgcc.....	1	0	E02
.....cacucuaaguaugaacgcgccaagc.....	15	0	E02
.....cacucuaaguaugaacgcgccaagcU.....	1	1	E02
.....cacucuaaguaugaacgcgccaagc.....	29	0	H13
.....cacucuaagCaugaacgcgccaagc.....	1	1	H13
.....cacucuaaguaugaacgcgccaagcA.....	1	1	H13
.....uugguguucuaaccuuacagu.....	2	0	H13
.....cacucuaaguaugaacgcc.....	1	0	E72
.....cacucuaaguaugaacAccaagc.....	1	1	E72
.....cacucuaaguaugaacgcgccaagc.....	64	0	E72
.....cacucuaaguaugaacgcgccaagcU.....	1	1	E72
.....cacucuaaguaugaacgccca.....	1	0	E73
.....cacucuaaguaugaacgcgccaagG.....	1	1	E73
.....cacucuaaguaugaacAccaagc.....	1	1	E73
.....cacucuaaguaugaacgcgccaagc.....	40	0	E73
.....acucuaaguaugaacgcgccaagc.....	2	0	E73
.....uugguguucuaaccuuacag.....	1	0	E73
.....cacucuaaguaugaacgcgccaagcU.....	1	1	A04
.....cacucuaaguaugaacgccaa.....	1	0	E24
.....cacucuaaguaugaacgcgccaag.....	2	0	E24
.....cacucuaaguaugaacgcgccaagc.....	77	0	E24
.....cacucuaaguaugaacgcGaaagc.....	1	1	E24
.....cacucuaaguaugaacUccaagc.....	1	1	E24
.....cacucuaaguanUaacgcgccaagc.....	1	1	E24
.....cacucuaaguaugaacgcgccaagcU.....	1	1	E24
.....cacucuaaguaugaacgcgccaagcA.....	2	1	E24
.....cacucuaaguaugaacgcgccaagcUu.....	1	1	E24
.....acucuaaguaugaacgcgccaagc.....	4	0	E24
.....cuaaguaugaacgcgccaagc.....	1	0	E24
.....uugguguucuaaccuuacag.....	1	0	E24
.....uugguguucuaaccuuacagu.....	4	0	E24
.....cacucuaaguaugaacgccca.....	1	0	H41
.....cacucuaaguaugaacgcgccaagc.....	48	0	H41
.....cacucuaaguaugaacgcgccaagcC.....	1	1	H41
.....cacucuaaguaugaacgcgccaagcA.....	2	1	H41
.....cacucuaaguaugaacgcgccaagcU.....	2	1	H41
.....cacucuaaguaugaacgcc.....	1	0	E14

Star

gaagauuuugccucucaaaacacucuaaaguaaagcgcgaagcguaacuuuuuaguuugguguuucuaaccuuacagugaaugagugacagaagacaucaagaagaagacgagaa			
.....cacucuaaaguaugaacgcgcaa.....	1	0	E14
.....cacucuaaaguaugaacgcgccaag.....	2	0	E14
.....cacucuaaaguaugaacgcgccaagc.....	20	0	E14
.....cacucuaaaguaugaacgcgccaagcU.....	1	1	E14
.....acucuaaaguaugaacgcgccaagc.....	1	0	E14
.....cacucuaaaguaugaacgcgc.....	2	0	H24
.....cacucuaaaguaugaacgcgcca.....	1	0	H24
.....cacucuaaaguaugaacgcgccaag.....	2	0	H24
.....cacucuaaaguaugGacgcgccaagc.....	1	1	H24
.....cacucuaaaguaugaacUccaagc.....	1	1	H24
.....cacucuaaaguUugaacgcgccaagc.....	1	1	H24
.....cacucuaaaguaugaacgcgccaagc.....	134	0	H24
.....cacucuaaaguaugaacgcgccaagcC.....	1	1	H24
.....cacucuaaaguaugaacgcgccaagcU.....	5	1	H24
.....cacucuaaaguaugaacgcgccaagcA.....	1	1	H24
.....acucuaaaguaugaacgcgccaagc.....	1	0	H24
.....uugguguucuaaccuuacagu.....	1	0	H24
.....cacucuaaaguaugaacgcgccaagc.....	1	0	A22
.....cacucuaaaguaugaacgcgc.....	2	0	H51
.....cacucuaaaguaugaacgcgccaag.....	3	0	H51
.....cacucuaUGuaugaacgcgccaagc.....	1	1	H51
.....cacucuaaaguaugaacgcgccaagc.....	65	0	H51
.....cacucuaaaguaugaGcgccaagc.....	1	1	H51
.....cacucuaaaguaugaacgcgccaagcU.....	4	1	H51
.....cacucuaaaguaugaacgcgccaagcA.....	3	1	H51
.....acucuaaaguaugaacgcgccaagc.....	1	0	H51
.....cacucuaaaguaugaacgcgc.....	2	0	E04
.....cacucuaaaguaugaacgcgccaag.....	1	0	E04
.....cacucuaaaguaugaacgcgccaagc.....	16	0	E04
.....cacucuaaaguaugaacgcgccaagcU.....	1	1	E04
.....cacucuaaaguaugaacgcgcca.....	2	0	H52
.....cacucuaaaguaugaacgcgcaa.....	1	0	H52
.....cacuAuaaguaugaacgcgccaagc.....	1	1	H52
.....cacucuaGguaugaacgcgccaagc.....	1	1	H52
.....cacucuaaaguaugaacgcgccaagc.....	60	0	H52
.....cacucuaaaguaugaacgcgccaagcU.....	2	1	H52
.....cacucuaaaguaugaacgcgccaagcA.....	3	1	H52
.....caAucuaaaguaugaacgcgc.....	1	1	H32
.....cacucuaaaguaugaacgcgccaag.....	1	0	H32
.....cacucuaaaguaugaacgcgGaaagc.....	1	1	H32
.....cacucuaaaguaugaacgcgccaagc.....	68	0	H32
.....cacucuaGguaugaacgcgccaagc.....	1	1	H32
.....acucuaaaguaugaacgcgccaagc.....	1	0	H32
.....uugguguucuaaccuuacagu.....	1	0	H32
.....cacucuaaaguaugaacgcgccaagc.....	1	0	T73
.....cacucuaaaguaugaacgcgccaagc.....	1	0	T74
.....cacucuaaaguaugaacCcc.....	1	1	H72
.....cacucuaaaguaugaacgcgc.....	3	0	H72
.....cacucuaaaguaugaacgcgcU.....	1	1	H72
.....cacucuaaaguaugaacgcgccaag.....	3	0	H72
.....cacucuaaaguaugaacgcgccaGgc.....	1	1	H72
.....cacucuaaaguaugaacgcgccaagA.....	1	1	H72
.....cacucuaaaguaugaacgcgccaagc.....	60	0	H72
.....cacCuaaaguaugaacgcgccaagc.....	1	1	H72
.....cacucuaaaguaugaacgcgccaagcA.....	2	1	H72
.....cacucuaaaguaugaacgcgccaagcU.....	2	1	H72
.....acucuaaaguaugaacgcgccaagc.....	1	0	H72
.....uugguguucuaaccuuacagu.....	3	0	H72
.....cacucuaaaguaugaacgcgc.....	2	0	H03
.....cacucuaaaguaugaacgcgccaagc.....	25	0	H03

## Mature

## Star

gaagauuuugccucuaauacacucuaaguaugaacgcgccaagcguacuuuuuaguuugguguucuaaccuuacagugaaugagugacagacaagacaucaagaagaagacgagaa			
.....cacucuaaguaugaacgcgccaUc.....	1	1	H03
.....cacucuaaguaugaacgcgccaagcU.....	1	1	H03
.....cacucuaaguaugaacgcgc.....	2	0	H23
.....cacucuaaguaugaacgcgccaag.....	1	0	H23
.....cacucuaaguaugaacgcgccaagA.....	1	1	H23
.....cacucuaaguaugaacgcgccaUc.....	1	1	H23
.....cacucuaaguaugaacgcgccaagc.....	115	0	H23
.....cacucuaaguaugaGcgccaagc.....	1	1	H23
.....cacucuaaguaugaacgcgccaagcU.....	3	1	H23
.....cacucuaaguaugaacgcgccaagcA.....	3	1	H23
.....cacucuaaguaugaacgcgccaagcC.....	1	1	H23
.....uugguguucuaaccuuacagu.....	1	0	H23
.....cacucuaaguaugaacgcgc.....	2	0	H04
.....cacucuaaguaugaacgcgcca.....	2	0	H04
.....cacucuaaguaugaacgcgccaag.....	1	0	H04
.....cacucuaaguaugaacgcgccaGgc.....	1	1	H04
.....cacucuaaguaugaacgcgccaagc.....	25	0	H04
.....caAucuaaguaugaacgcgccaagc.....	1	1	H04
.....cacucuaaguaugaacgcgccaagcU.....	1	1	H04
.....acucuaaguaugaacgcgccaagc.....	1	0	H04
.....cacucuaaguaugaacgcgc.....	3	0	H12
.....cacucuaaguaugaacgcgcca.....	1	0	H12
.....cacucuaaguaugaacgcgccaag.....	2	0	H12
.....cacucuaaguaugaacgcgccaagc.....	35	0	H12
.....cacucuaaguaugaacgcgccaagcU.....	1	1	H12
.....cacucuaaguaugaacgcgccaagcC.....	2	1	H12
.....cacucuaaguaugaacgcgccaagcA.....	1	1	H12
.....acucuaaguaugaacgcgc.....	1	0	H12
.....acucuaaguaugaacgcgccaagc.....	2	0	H12
.....cacucuaaguaugaacgcgccaagc.....	1	0	T72
.....cacucuaaguaugaacUcc.....	1	1	H14
.....cacucuaaguaugaacgcgccaag.....	4	0	H14
.....cacucuaaguaugaacgcgccaagc.....	49	0	H14
.....cacucuaaguaugaacgcgccaagcU.....	1	1	H14
.....accuuacagugaaugagugacagacaagacaucaagaagaag.....	1	0	H14
.....cacucuaaguaugaacgcgccaagc.....	4	0	E12
.....cacucuaaguaugGacgcgc.....	1	1	H11
.....cacucuaaguaugaacgcgc.....	2	0	H11
.....cacucuaaguaugaacgcgccaagc.....	28	0	H11
.....cacucuaaguaugaacgcgccaagcU.....	1	1	H11
.....uugguguucuaaccuuacagu.....	1	0	H11
.....cacucuaaguaugaacgcgc.....	1	0	H42
.....cacuAuaaguaugaacgcgccaagc.....	1	1	H42
.....cacucuaCguaugaacgcgccaagc.....	1	1	H42
.....cacucuaaguaugaacgcgccaagc.....	70	0	H42
.....cacucuaaguaugaacgcgccaagcA.....	3	1	H42
.....cacucuaaguaugaacgcgccaagcU.....	4	1	H42
.....acucuaaguaugaacgcgccaagcC.....	1	1	H42
.....cacucuaaguaugaacgcgc.....	2	0	H62
.....cacucuaaguaugaacgcgccaag.....	3	0	H62
.....cacuAuaaguaugaacgcgccaagc.....	1	1	H62
.....cacucuaaguaugaUcgccaagc.....	1	1	H62
.....cacucuaaguaugaGgcccaagc.....	1	1	H62
.....cacucuaaguaugaacAccaagc.....	1	1	H62
.....cacucuaaguaugaacgcgccaagc.....	50	0	H62
.....cacucuaaguaugaacgcgccaagcA.....	1	1	H62
.....cacucuaaguaugaacgcgccaagcU.....	1	1	H62
.....acucuaaguaugaacgcgccaagc.....	1	0	H62
.....uugguguucuaaccuuacagu.....	1	0	H62