

[illegible]

## Mature

## Star

uaucaaggacuaacguugggc <u>cuuggcacugggagaaucacag</u> gaguuauuuacc <u>cgugaauuuccugaugccucagc</u> ucaauguaguccggaacaacgaagacugaagaua			
..... <u>cuuggcacugggagaaucacag</u> gaguuauuuacc <u>cgugaauuuccuga</u> .....	1	0	H03
..... <u>cgugaauuuccugaugccuca</u> .....	8	0	H03
..... <u>cgugaauuuccugaugccucag</u> .....	4	0	H03
..... <u>gugaauuuccugaugcAucagc</u> .....	1	1	H03
..... <u>gugaauuuccugaugccucagc</u> .....	3	0	H03
..... <u>Cugaauuuccugaugccucagcu</u> .....	1	1	H03
..... <u>cuuggcacugggagaaucacag</u> .....	3	0	A12
..... <u>cuuggcacugggagaauu</u> .....	1	0	T72
..... <u>cuuggcacugggagaauuA</u> .....	1	1	T72
..... <u>cuuggcacugggagaaucaca</u> .....	5	0	T72
..... <u>cuuggcacugggagaaucacaA</u> .....	1	1	T72
..... <u>cuuggcacugggagaaucacag</u> .....	3	0	T72
..... <u>cgugaauuuccugaugccuUa</u> .....	3	1	T72
..... <u>cgugaauuuccugaugccuUag</u> .....	2	1	T72
..... <u>gugaauuuccugaugccuU</u> .....	1	1	T72
..... <u>gugaauuuccugaugccuca</u> .....	1	0	T72
..... <u>gugaauuuccugaugccuUa</u> .....	2	1	T72
..... <u>gugaauuuccugaugccuUag</u> .....	1	1	T72
..... <u>gugaauuuccugaugccuUagc</u> .....	1	1	T72
..... <u>cuuggcacugggagaauuc</u> .....	1	0	H12
..... <u>cuuggcacugggagaaucac</u> .....	3	0	H12
..... <u>cuuggcacugggagaaucaca</u> .....	2	0	H12
..... <u>cuuggcacugggagaaucacag</u> .....	14	0	H12
..... <u>uuggcacugggagaaucaca</u> .....	1	0	H12
..... <u>cacugggagaaucacagUa</u> .....	1	1	H12
..... <u>cgugaauuuccugaugccuca</u> .....	2	0	H12
..... <u>gugaauuuccugaugccuca</u> .....	1	0	H12
..... <u>gugaauuuccugaugccucagc</u> .....	5	0	H12
..... <u>ugaauuuccugaugccucagc</u> .....	2	0	H12
..... <u>ugaauuuccugaugccucagcu</u> .....	1	0	H12
..... <u>cuuggcacugggagaaucaca</u> .....	1	0	A63
..... <u>cuuggcacugggagaaucacag</u> .....	3	0	A63
..... <u>cgugaauuuccugaugccucag</u> .....	1	0	A63
..... <u>gugaauuuccugaugccu</u> .....	1	0	A63
..... <u>gugaauuuccugaugccucagc</u> .....	3	0	A63
..... <u>cuuggcacugggagaauuc</u> .....	3	0	H14
..... <u>cuuggcacugggagagUucac</u> .....	1	1	H14
..... <u>cuuggcacugggagaaucac</u> .....	5	0	H14
..... <u>cuuggcacugggagaaucaca</u> .....	14	0	H14
..... <u>cuuggcacugggagaaucacag</u> .....	27	0	H14
..... <u>cuuggcacugggagaaucacaA</u> .....	1	1	H14
..... <u>cuuggcacugggagaaucacagA</u> .....	2	1	H14
..... <u>cgugaauuuccugaugccuc</u> .....	1	0	H14
..... <u>cgugaauuuccugaugccucagcu</u> .....	1	0	H14
..... <u>gugaauuuccugaugccucagc</u> .....	6	0	H14
..... <u>ugaauuuccugaugccucagcA</u> .....	1	1	H14
..... <u>cuuggcacugggagaauu</u> .....	1	0	H24
..... <u>cuuggcacugggagaaucac</u> .....	11	0	H24
..... <u>cuuggcacugggagaaucaca</u> .....	13	0	H24
..... <u>cuuggcacugggagaaucacU</u> .....	1	1	H24
..... <u>cuuUgcacugggagaaucaca</u> .....	1	1	H24
..... <u>cuuggcacugggagaaucacaU</u> .....	1	1	H24
..... <u>cuuggcacugggagaaucacag</u> .....	24	0	H24
..... <u>cuuggcacugggagaaucacagU</u> .....	1	1	H24
..... <u>cuuggcacugggagaaucacag</u> gaguuauuuacc <u>cgAgaauuuccuga</u> .....	1	1	H24
..... <u>cuuggcacugggagaaucacag</u> gaguuauuuacc <u>cgugaauuuccuga</u> .....	2	0	H24
..... <u>cgugaauuuccugaugccuca</u> .....	1	0	H24
..... <u>cgugaauuuccugaugccucagU</u> .....	1	1	H24
..... <u>cgugaauuuccugaugccucagA</u> .....	1	1	H24
..... <u>cgugaauuuccugaugccucagAu</u> .....	1	1	H24
..... <u>cgugaauuuccugaugccucagcAc</u> .....	1	1	H24
..... <u>gugaauuuccugaugccuU</u> .....	1	1	H24
..... <u>gugaauuuccugaugccuc</u> .....	1	0	H24
..... <u>gugaauuuccugaugccuca</u> .....	3	0	H24

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uaucaaggacuaacguugggc <u>cuuggcacugggagaa</u> uucacag <u>gaguuauauuacccgugaauuuccugaugccucagc</u> ucaauguaguccggaacaacgaagacugaagaua			
.....gugaauuuccugaugccucagU.....	1	1	H24
.....gugaauuuccugaugccucagc.....	11	0	H24
.....gugaauuuccugaugccucagcu.....	4	0	H24
.....gugaauuuccugaugccucagcuU.....	1	1	H24
.....ugaauuuccugaugccucagcuU.....	1	1	H24
.....cuuggcacugggagaa <u>uucacag</u> .....	1	0	A22
.....cgugaauuuccugaugccu <u>ca</u> .....	1	0	A22
.....gugaauuuccugaugccu <u>ca</u> .....	1	0	A22
.....cuuggcacugggagaa <u>uuc</u> .....	2	0	H51
.....cuuggcacugggCgaa <u>uuc</u> a.....	1	1	H51
.....cuuggcacugggagaa <u>uuc</u> a.....	1	0	H51
.....cuuggcacugggagaa <u>uucac</u> .....	8	0	H51
.....cuuggcacugggagaa <u>uucaca</u> .....	14	0	H51
.....cuuggcacugggagaa <u>uucacU</u> .....	1	1	H51
.....cuuggcacugggagaa <u>uucacaA</u> .....	1	1	H51
.....cuuggcacugggagaa <u>uucacag</u> .....	8	0	H51
.....cuuggcacugggagaa <u>uucacaggU</u> .....	1	1	H51
.....cuuggcacugggagaa <u>uucacaggaguuauuuacccgugaauuuccuga</u> .....	1	0	H51
.....cuuggcacugggagaa <u>uucacUaggaguuauuuacccgugaauuuccuga</u> .....	1	1	H51
.....cgugaauuuccugaugccu <u>ca</u> .....	6	0	H51
.....cgugaauuuccugaugG <u>cuca</u> .....	1	1	H51
.....cgugaauuuccugaugccu <u>cag</u> .....	1	0	H51
.....cgugaauuuccugaugccu <u>cagc</u> .....	1	0	H51
.....gugaauuuccugaugccu <u>ca</u> .....	1	0	H51
.....gugaauuuccugaugccu <u>cag</u> .....	1	0	H51
.....gugaauuuccugaugccu <u>cagc</u> .....	9	0	H51
.....gugaauuuccugaugccu <u>cagU</u> .....	2	1	H51
.....gugaauuuccugaugccu <u>cagcu</u> .....	2	0	H51
.....gugaauuuccugaugccu <u>cagcA</u> .....	3	1	H51
.....gugaauuuccugaugccu <u>cagcC</u> .....	1	1	H51
.....gugaauuuccugaugccu <u>cagcCc</u> .....	1	1	H51
.....gugaauuuccugaugccu <u>cagcAc</u> .....	1	1	H51
.....gugaauuuccugaugccu <u>cagcAcA</u> .....	1	1	H51
.....cuuggcacugggagaa <u>uucaca</u> .....	1	0	A31
.....gugaauuuccugaugccu.....	1	0	A31
.....gugaauuuccugaugccuU <u>ag</u> .....	1	1	A31
.....gugaauuuccugaugccuU <u>agcu</u> .....	1	1	A31
.....cuuggcacugggagaa <u>uuc</u> .....	2	0	R71
.....cuuggcacugggagaa <u>uucac</u> .....	9	0	R71
.....cuuggcacugggagaa <u>uuaAc</u> .....	1	1	R71
.....cuuggcacugggagaa <u>uucaca</u> .....	5	0	R71
.....cuuggcacugggagaa <u>uucacU</u> .....	1	1	R71
.....cuuggcacugggagaa <u>uucacag</u> .....	10	0	R71
.....cgugaauuuccugaugccu <u>ca</u> .....	1	0	R71
.....gugaauuuccugaugccu <u>cagc</u> .....	2	0	R71
.....cuuggcacugggagaa <u>uuc</u> .....	1	0	H72
.....cuuggcacugggagaa <u>uuc</u> a.....	2	0	H72
.....cuuggcacugggagaa <u>uucac</u> .....	9	0	H72
.....cuuggcacugggagaa <u>uucaca</u> .....	45	0	H72
.....cuuggcacugggagaa <u>uuaAc</u> a.....	1	1	H72
.....cuuggcacuggUagaa <u>uucaca</u> .....	1	1	H72
.....cuuggcacugggagaa <u>uucacaA</u> .....	1	1	H72
.....cuuggcacugggagaa <u>uucacaU</u> .....	1	1	H72
.....cuAggcacugggagaa <u>uucacag</u> .....	1	1	H72
.....cuuggcacugggagaa <u>uucacag</u> .....	65	0	H72
.....cuuggcacugggagaa <u>uucacagA</u> .....	1	1	H72
.....cuuggcacugggagaa <u>uucacagU</u> .....	1	1	H72
.....ccgugaauuuccugaugccuU <u>a</u> .....	1	1	H72
.....cgugaauuuccugaugccu.....	1	0	H72
.....cgugaauuuccugaugccuU.....	1	1	H72
.....cgugaauuuccugaugccu <u>c</u> .....	2	0	H72
.....cgugaauuuccugaugccuU <u>a</u> .....	12	1	H72
.....cgugaauuuccugaugccu <u>ca</u> .....	2	0	H72
.....cgugaauuuccugaugccuU <u>ag</u> .....	31	1	H72
.....cgugaauuuccugaugccu <u>cagU</u> .....	1	1	H72

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uaucaaggacuaacguugggc <u>cuuggcacugggagaa</u> uucacag <u>gaguuauuu</u> acc <u>cgugaauuuccugaugccu</u> cag <u>cu</u> caauguaguccggaacaacgaagacugaagaua			
.....cgugaauuuccugaugccuUagc.....	6	1	H72
.....cgugaauuuccugaugccuagA.....	1	1	H72
.....cgugaauuuccugaugccuUagcu.....	1	1	H72
.....gugaauuuccugaugccu.....	1	0	H72
.....gugaauuuccugaugccuU.....	1	1	H72
.....gugaauuuccugaugccuUa.....	5	1	H72
.....gugaauuuccugaugccuUag.....	3	1	H72
.....gugaauuuccugaugccucagc.....	3	0	H72
.....gugaauuuccugaugccuUagc.....	19	1	H72
.....gugaauuuccugaugccuUagcu.....	2	1	H72
.....ugaauuuccugaugccuUagc.....	3	1	H72
.....ugaauuuccugaugccuUagcu.....	4	1	H72
.....cuuggcacugggagaa <u>uuc</u> .....	4	0	H52
.....cuuggcacugggagaa <u>uucU</u> .....	1	1	H52
.....cuuggcacugggagaa <u>uucac</u> .....	3	0	H52
.....cuuggcacugggagaa <u>uucacU</u> .....	1	1	H52
.....cuuggcacugggagaa <u>uucaca</u> .....	9	0	H52
.....cuuggcacugggagaa <u>uucCaca</u> .....	1	1	H52
.....cuuggcacugggagaa <u>uucacag</u> .....	9	0	H52
.....cuuggcacugggagaa <u>uucacaA</u> .....	1	1	H52
.....cuuggcacugggagaa <u>uucacagA</u> .....	1	1	H52
.....cuuggcacugggagaa <u>uucacagU</u> .....	1	1	H52
.....cgugaauuuccugaugccu <u>ca</u> .....	1	0	H52
.....gugaauuuccugaugccu <u>U</u> .....	2	1	H52
.....gugaauuuccugaugccu <u>cagc</u> .....	5	0	H52
.....ugaauuuccugaugccu <u>cagcu</u> .....	1	0	H52
.....ugaauuuccugaugccu <u>cagcA</u> .....	1	1	H52
.....ugaauuuccugaugccu <u>cagcuU</u> .....	1	1	H52
.....cuuggcacugggagaa <u>uu</u> .....	1	0	H32
.....cuuggcacugggagaa <u>uucac</u> .....	5	0	H32
.....cuuggcacugggagaa <u>uucaca</u> .....	6	0	H32
.....cuuggcacugggagaa <u>uucacag</u> .....	8	0	H32
.....gugaauuuccugaugccu.....	4	0	H32
.....gugaauuuccugaugccu <u>c</u> .....	2	0	H32
.....gugaauuuccugaugccu <u>U</u> .....	1	1	H32
.....gugaauuuccugaugccu <u>cagc</u> .....	5	0	H32
.....gugaauuuccugaugccu <u>cagcA</u> .....	1	1	H32
.....gugaauuuccugaugccu <u>cagcu</u> .....	1	0	H32
.....gugaauuuccugaugccu <u>cagcuU</u> .....	1	1	H32
.....cuuggcacugggagaa <u>uuc</u> .....	2	0	E23
.....cuuggcacugggagaa <u>uucac</u> .....	2	0	E23
.....cuuggcacugggagaa <u>uucUa</u> .....	1	1	E23
.....cuuggcacugggagaa <u>uucCacac</u> .....	1	1	E23
.....cuuggcacugggagaa <u>uucac</u> .....	9	0	E23
.....cuuggcacugggagaa <u>uucaca</u> .....	20	0	E23
.....cuuggcacugggagaa <u>uucacag</u> .....	1	1	E23
.....cuuggcacugggagaa <u>uucacag</u> .....	1	1	E23
.....cuuggcacugggagaa <u>uucGucacag</u> .....	1	1	E23
.....cuuggcacugggagaa <u>uucacag</u> .....	82	0	E23
.....cuuggcacugggagaa <u>uucacag</u> .....	1	1	E23
.....cuuggcacugggagaa <u>uucUag</u> .....	1	1	E23
.....cuuggcacugggagaa <u>uucacagU</u> .....	1	1	E23
.....cuuggcacugggagaa <u>uucacagaguuauuu</u> acc <u>cgugaauuuccuga</u> .....	1	0	E23
.....cgugaauuuccugaugcc.....	1	0	E23
.....cgugaauuuccugaugccu.....	1	0	E23
.....cgugaauuuccugaugccu <u>c</u> .....	1	0	E23
.....cgugaauuuccugaugccu <u>ca</u> .....	4	0	E23
.....cgugaauuuccugaugccu <u>cag</u> .....	2	0	E23
.....cgugaauuuccugaugccu <u>cagc</u> .....	3	0	E23
.....cgugaauuuccugaugccu <u>cagA</u> .....	1	1	E23
.....gugaauuuccugaugccu <u>cagc</u> .....	9	0	E23
.....ugaauuuccugaugccu <u>cagc</u> .....	1	0	E23
.....ugaauuuccugaugccu <u>cagcu</u> .....	1	0	E23
.....cuuggcacugggagaa <u>uucaca</u> .....	1	0	A61
.....cuuggcacugggagaa <u>uucacag</u> .....	6	0	A61
.....cuuggcacugggagaa <u>uucac</u> .....	1	0	H61

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uaucaaggacuaacguugggc <u>cuuggcacugggagaa</u> uucacag <u>gaguuauauuacc</u> cgugaauuuccugaugccuagc <u>cu</u> caauguaguccggaacaacgaagacuagaaua			
.....cuuggcacugggagaa <u>u</u> ucaca.....	4	0	H61
.....cuuggcacugggagaa <u>U</u> uucacag.....	1	1	H61
.....cuuggcacugggagaa <u>u</u> ucacaA.....	1	1	H61
.....cuuggcacugggagaa <u>u</u> ucacag.....	16	0	H61
.....cgugaauuuccugaugccu <u>c</u> .....	1	0	H61
.....cgugaauuuccugaugccu <u>U</u> .....	1	1	H61
.....cgugaauuuccugaugccu <u>a</u> .....	3	0	H61
.....gugaauuuccugaugccu.....	1	0	H61
.....gugaauuuccugaugccu <u>a</u> .....	1	0	H61
.....gugaauuuccugaugccuagc.....	4	0	H61
.....gugaauuuccugaugccuagcA.....	1	1	H61
.....cuuggcacugggagaa <u>u</u> .....	1	0	E22
.....cuuggcacugggagaa <u>u</u> uca.....	2	0	E22
.....cuuggcacugggagaa <u>u</u> cac.....	19	0	E22
.....cuuggcacugggagaa <u>u</u> caca.....	56	0	E22
.....cuuggcaUugggagaa <u>u</u> caca.....	1	1	E22
.....cuCggcacugggagaa <u>u</u> caca.....	1	1	E22
.....cuAggcacugggagaa <u>u</u> caca.....	1	1	E22
.....cuuggcacugggagaa <u>u</u> cCa.....	1	1	E22
.....cuuggcacugggagaaCucacag.....	1	1	E22
.....cuuggcacugAgagaa <u>u</u> cacag.....	1	1	E22
.....cuuggcacugggagaa <u>u</u> cacaU.....	2	1	E22
.....cuuggcacugggagaa <u>u</u> cacag.....	176	0	E22
.....cuuggcacugggagaa <u>u</u> cacagA.....	2	1	E22
.....cuuggcacugggagaa <u>u</u> cacagU.....	1	1	E22
.....cuuggcacugggagaa <u>u</u> cacagg.....	3	0	E22
.....ccgugaauuuccugaugccuUagcu.....	1	1	E22
.....cgugaauuuccugaugccu <u>c</u> .....	3	0	E22
.....cgugaauuuccugaugccu <u>a</u> .....	3	0	E22
.....cgugaauuuccugaugccuUa.....	7	1	E22
.....cgugaauuuccugaugccuag.....	1	0	E22
.....cgugaauuuccugaugccuUag.....	30	1	E22
.....cgugaauuuccugaugccuUagc.....	7	1	E22
.....cgugaauuuccugaugccuUagcu.....	1	1	E22
.....gugaauuuccugaugccu.....	1	0	E22
.....gugaauuuccugaugccu <u>c</u> .....	2	0	E22
.....gugaauuuccugaugccuU.....	1	1	E22
.....gugaauuuccugaugccuUa.....	1	1	E22
.....gugaauuuccugaugccu <u>a</u> .....	1	0	E22
.....gugaauuuccugaugccuUag.....	6	1	E22
.....gugaauuuccugaugccuag.....	2	0	E22
.....gugaauuuccugaugccuAagc.....	1	1	E22
.....gugaauuuccugaugccuUagc.....	42	1	E22
.....Augaauuuccugaugccuagc.....	1	1	E22
.....gugaauuuccugaugccuagc.....	8	0	E22
.....gugaauuuccugaugccuagcu.....	1	1	E22
.....gugaauuuccugaugccuUagcu.....	1	1	E22
.....ugaauuuccugaugccuUag.....	1	1	E22
.....ugaauuuccugaugccuUagc.....	1	1	E22
.....ugaauuuccugaugccuAagc.....	1	1	E22
.....ugaauuuccugaugccuUagcu.....	2	1	E22
.....cuuggcacugggagaa <u>u</u> .....	1	0	E71
.....cuuggcacugggagaa <u>u</u> uca.....	1	0	E71
.....cuuggcacugggagaa <u>u</u> ucac.....	14	0	E71
.....cuuggcacugggagaa <u>u</u> uAc.....	1	1	E71
.....cuuUgcacugggagaa <u>u</u> caca.....	1	1	E71
.....cuuggcacugggagaa <u>u</u> caca.....	1	1	E71
.....cuuggcacugggagaa <u>u</u> caca.....	27	0	E71
.....cuuggcacuAggagaa <u>u</u> cacag.....	1	1	E71
.....cuuggcacugggagaa <u>u</u> cacag.....	54	0	E71
.....cuAggcacugggagaa <u>u</u> cacag.....	1	1	E71
.....uuggcacugggagaa <u>u</u> cacagg.....	1	0	E71
.....cgugaauuuccugaugccu <u>c</u> .....	2	0	E71
.....cgugaauuuccugaugccu <u>a</u> .....	2	0	E71
.....cgugaauuuccugaugccuag.....	1	0	E71
.....cgugaauuuccugaugccuagU.....	1	1	E71
.....cgugaauuuccugaugccuagcu.....	1	1	E71
.....gugaauuuccugaugccu <u>a</u> .....	1	0	E71

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uaucaaggacuaacguugggc <u>cuuggcacugggagaa</u> uucacag <u>gaguuauauuacccgugaauuuccugaugccucagc</u> ucaauguaguccggaacaacgaagacugaagaua			
.....gugaauuuccugaugccucagc.....	1	0	E71
.....ugaauuuccugaugccucagc.....	1	0	E71
.....ugaauuuccugaugccucagcA.....	1	1	E71
.....cuuggcacugggagaa <u>uuc</u> .....	1	0	B02
.....cuuggcacugggagaa <u>uuc</u> a.....	1	0	B02
.....cuuggcacugggagaa <u>uuc</u> a <u>c</u> .....	3	0	B02
.....cuuggcacugggagaa <u>uuc</u> a <u>c</u> a.....	2	0	B02
.....cuuggcacugggagaa <u>uuc</u> a <u>c</u> a <u>g</u> .....	4	0	B02
.....cgugaauuuccugaugcc.....	1	0	B02
.....cgugaauuuccugaugcc <u>u</u> c.....	1	0	B02
.....cuuggcacugggagaa <u>uu</u> .....	1	0	H21
.....cuuggcacugggagaa <u>uuc</u> a <u>c</u> .....	3	0	H21
.....cuuggcacugggagaa <u>uuc</u> a <u>U</u> .....	1	1	H21
.....cuuggcacugggagaa <u>uuc</u> a <u>c</u> a.....	5	0	H21
.....cuuggcacugggagaa <u>uuc</u> a <u>c</u> a <u>g</u> .....	19	0	H21
.....cuuggcacugggagaa <u>uuc</u> a <u>c</u> a <u>A</u> .....	1	1	H21
.....cuuggcacugggagaa <u>uuc</u> a <u>c</u> a <u>U</u> .....	1	1	H21
.....cgugaauuuccugaugcc <u>u</u> c.....	3	0	H21
.....cgugaauuuccugaugcc <u>u</u> c <u>U</u> .....	1	1	H21
.....cgugaauuuccugaugcc <u>u</u> c <u>a</u> g.....	1	0	H21
.....cgugaauuuccugaugcc <u>u</u> c <u>a</u> g <u>c</u> .....	1	0	H21
.....gugaauuuccugaugcc <u>u</u> c.....	1	0	H21
.....gugaauuuccugaugcc <u>u</u> c <u>a</u> g <u>c</u> .....	4	0	H21
.....gugaauuuccugaugcc <u>u</u> c <u>a</u> g <u>c</u> <u>u</u> .....	2	0	H21
.....cuuggcacugggagaa <u>uu</u> .....	1	0	H02
.....cuuggcacugggagaa <u>uuc</u> a <u>c</u> .....	1	0	H02
.....cuuggcacugggagaa <u>uuc</u> a <u>c</u> <u>U</u> .....	1	1	H02
.....cuuggcacugggagaa <u>uuc</u> a <u>c</u> a.....	11	0	H02
.....cuuggcacugggagaa <u>uuc</u> a <u>c</u> a <u>g</u> .....	13	0	H02
.....cgugaauuuccugaugcc <u>u</u> c.....	2	0	H02
.....cgugaauuuccugaugcc <u>u</u> c <u>a</u> g.....	2	0	H02
.....cgugaauuuccugaugcc <u>u</u> c <u>a</u> g <u>c</u> .....	1	0	H02
.....gugaauuuccugaugcc <u>u</u> c <u>a</u> g <u>c</u> .....	4	0	H02
.....ugaauuuccugaugcc <u>u</u> c <u>a</u> g <u>c</u> <u>u</u> .....	1	0	H02
.....cuuggcacugggagaa <u>uuc</u> .....	1	0	H22
.....cuuggcacugggagaa <u>uuc</u> a.....	1	0	H22
.....cuuggcacugggagaa <u>uuc</u> a <u>c</u> .....	11	0	H22
.....cuuggcacugggagaa <u>uuc</u> a <u>c</u> a.....	18	0	H22
.....cuuggcacugggagaa <u>uuc</u> a <u>c</u> a <u>g</u> .....	36	0	H22
.....cuAggcacugggagaa <u>uuc</u> a <u>c</u> a <u>g</u> .....	1	1	H22
.....cuuggcacugggagaa <u>uuc</u> a <u>c</u> a <u>C</u> .....	1	1	H22
.....cuuggcacugggagaa <u>uuc</u> a <u>c</u> a <u>g</u> <u>U</u> .....	1	1	H22
.....cuuggcacugggagaa <u>uuc</u> a <u>c</u> a <u>g</u> gaguuauauuacccgugaauuuccuga.....	2	0	H22
.....uuggcacugggagaa <u>uuc</u> a <u>c</u> a <u>g</u> .....	1	0	H22
.....gcacuggAga <u>uuc</u> a <u>c</u> a.....	1	1	H22
.....cacugggagaa <u>uuc</u> a <u>c</u> a <u>g</u> .....	1	0	H22
.....gaguauauuacccgugaauuuccugaugcc <u>u</u> c <u>a</u> g <u>c</u> .....	1	0	H22
.....cgugaauuuccugaugcc <u>u</u> c.....	1	0	H22
.....cgugaauuuccugaugcA <u>u</u> c.....	1	1	H22
.....cgugaauuuccugaugcc <u>u</u> c.....	6	0	H22
.....cgugaauuuccugaugcc <u>u</u> c <u>a</u> g <u>c</u> .....	2	0	H22
.....cgugaauuuccugaugcc <u>u</u> c <u>a</u> g <u>c</u> <u>u</u> .....	1	0	H22
.....gugaauuuccugaugcc <u>u</u> .....	1	0	H22
.....gugaauuuccugaugcc <u>u</u> .....	4	0	H22
.....gugaauuuccugaugcc <u>u</u> c.....	1	0	H22
.....gugaauuuccugaugcc <u>u</u> c <u>a</u> g <u>c</u> .....	1	0	H22
.....gugaauuuccugaugcc <u>u</u> c <u>a</u> g <u>c</u> <u>u</u> .....	12	0	H22
.....gugaauuuccugaugcc <u>u</u> c <u>a</u> g <u>c</u> <u>u</u> .....	1	0	H22
.....gugaauuuccugaugcc <u>u</u> c <u>a</u> g <u>c</u> <u>A</u> .....	1	1	H22
.....cuuggcacugggagaa <u>uuc</u> a <u>c</u> .....	2	0	E11
.....cuuggcacugggagaa <u>uuc</u> a <u>c</u> a.....	3	0	E11
.....cuuggcacugggagaa <u>uuc</u> a <u>c</u> a <u>g</u> .....	18	0	E11
.....cuuggcacugggagaa <u>uuc</u> a <u>c</u> a <u>U</u> .....	1	1	E11
.....cuuggcacugggagaa <u>uuc</u> a <u>c</u> a <u>g</u> gaguuauauuacccgugaauuuccuga.....	1	0	E11

## Mature

## Star

uaucaaggacuaacguugggc <u>cuuggcacugggagaa</u> uucacag <u>gaguuauauuacccgugaauuuccugaugccu</u> cag <u>c</u> ucaauguaguccggaacaacgaagacugaagaua			
.....ccgugaauuuccugaugc <u>A</u> uca.....	1	1	E11
.....cgugaauuuccugaugccu.....	2	0	E11
.....cgugaauuuccugaugccuc.....	2	0	E11
.....cgugaauuuccugaugccuca.....	4	0	E11
.....cgugaauuuccugaugccucag.....	1	0	E11
.....cgugaauuuccugaugccucagU.....	1	1	E11
.....gugaauuuccugaugccuca.....	3	0	E11
.....gugaauuuccugaugccucagc.....	8	0	E11
.....cuuggcacugggagaa <u>u</u> ca.....	2	0	E21
.....cuuggcacugggagaa <u>u</u> cC.....	1	1	E21
.....cuuggcacugggagaa <u>u</u> cac.....	14	0	E21
.....cuuggcacugggagaa <u>u</u> caca.....	32	0	E21
.....cuuggcacuA <u>g</u> gagaa <u>u</u> caca.....	1	1	E21
.....cuuggcacugggagaa <u>u</u> cCca.....	1	1	E21
.....cuuggcacugggagaa <u>u</u> cacag.....	106	0	E21
.....cuuggcacugggagaa <u>u</u> cacag.....	1	1	E21
.....cuuggU <u>a</u> cugggagaa <u>u</u> cacag.....	1	1	E21
.....cuuggcacC <u>g</u> ggagaa <u>u</u> cacag.....	1	1	E21
.....cuuggcacugggagaa <u>u</u> cacagU.....	2	1	E21
.....cuuggcacugggagaa <u>u</u> cacaggaguuauauuacccgugaauuuccuga.....	1	0	E21
.....cgugaauuuccugaugccuc.....	1	0	E21
.....cgugaauuuccugaugccuca.....	2	0	E21
.....cgugaauuuccugaugccucU <u>g</u> c.....	1	1	E21
.....cgugaauuuccugaugccucagc.....	2	0	E21
.....gugaauuuccugaugccuca.....	3	0	E21
.....gugaauuuccugaugccucagc.....	11	0	E21
.....gugaauuuccugaugccucagcu.....	1	0	E21
.....gugaauuuccugaugccucagcA.....	1	1	E21
.....ugaauuuccugaugccucagc.....	2	0	E21
.....ugaauuuccugaugccucagcu.....	1	0	E21
.....ugaauuuccugaugccucagcA.....	1	1	E21
.....cuuggcacugggagaa <u>u</u> caca.....	7	0	H64
.....cuuggcacugggagaa <u>u</u> cacag.....	25	0	H64
.....cuuggcacugggagA <u>u</u> uucacag.....	1	1	H64
.....cuuggcacugggagaa <u>u</u> cacaA.....	1	1	H64
.....cuuggcacugggagaa <u>u</u> cacaggaguuauauuacccgugaauuuccuga.....	1	0	H64
.....cgugaauuuccugaugccuca.....	3	0	H64
.....cgugaauuuccugaugccucag.....	1	0	H64
.....cgugaauuuccugaugccucagU.....	1	1	H64
.....gugaauuuccugaugccu.....	1	0	H64
.....gugaauuuccugaugccuc.....	1	0	H64
.....gugaauuuccugaugccucagc.....	10	0	H64
.....ugaauuuccugaugccucagc.....	1	0	H64
.....cuuggcacugggagaa <u>u</u> caca.....	3	0	A24
.....cuuggcacugggagaa <u>u</u> cacag.....	2	0	A24
.....cacugggagaa <u>u</u> cacaC.....	1	1	A24
.....gugaauuuccugaugccucagU.....	1	1	A24
.....gugaauuuccugaugccucagcu.....	1	0	A24
.....cuA <u>g</u> gcacugggagaa <u>u</u> cac.....	1	1	H13
.....cuuggcacugggagaa <u>u</u> cac.....	5	0	H13
.....cuuggcacugggaU <u>a</u> auucaca.....	1	1	H13
.....cuuggcacugggagaa <u>u</u> caca.....	6	0	H13
.....cuuggcacugggagaa <u>u</u> cacag.....	13	0	H13
.....cuuggcacugggagaa <u>u</u> cacagU.....	2	1	H13
.....cgugaauuuccugaugccu.....	1	0	H13
.....cgugaauuuccugaugccucU.....	1	1	H13
.....cgugaauuuccugaugccuca.....	2	0	H13
.....cgugaauuuccugaugccucag.....	1	0	H13
.....gugaauuuccugaugccuca.....	1	0	H13
.....gugaauuuccugaugccucagc.....	5	0	H13
.....gugaauuuccugaugccucagcu.....	1	0	H13
.....ugaauuuccugaugccucagc.....	1	0	H13
.....cuuggcacugggagaa <u>u</u> cacaU.....	1	1	A52
.....gugaauuuccugaugccucagc.....	1	0	A52

## Mature

## Star

uaucaaggacuacgugggccugggcacuggggagaaucacaggaguuauuacccgugaauuuccgaugccuagcucaauguaguccggaacacgaagacuagaua

.....cuuggcacugggagaa <u>u</u> cac.....	1	0	A42
.....cuuggcacugggagaa <u>u</u> cacag.....	1	0	A42
.....cuuggcacugggagaa <u>u</u> caca.....	2	0	A23
.....cuuggcacugggagaa <u>u</u> cacag.....	3	0	A23
.aucaaggacuaU <u>gu</u> gggc.....	1	1	H73
.....cuugUcacugggagaa <u>u</u> ca.....	1	1	H73
.....cuuggcacugggagaa <u>u</u> Åa.....	1	1	H73
.....cuuggcacugggagaa <u>u</u> ca.....	1	0	H73
.....cuuggcacugggagaa <u>u</u> cac.....	22	0	H73
.....cuuggcacugggagaa <u>u</u> caca.....	62	0	H73
.....cuuggcacugggagaa <u>u</u> Uaca.....	1	1	H73
.....cuuggcacugggagCauucaca.....	1	1	H73
.....cuuggcacugggagGauucaca.....	1	1	H73
.....cuuggcacugggagAaa <u>u</u> caca.....	1	1	H73
.....cuuggcacugggagaa <u>u</u> cacaÅ.....	1	1	H73
.....cuuggcacugggagaa <u>u</u> caUag.....	1	1	H73
.....cuuggcacugggagaa <u>u</u> cacag.....	82	0	H73
.....cuugggUacugggagaa <u>u</u> cacag.....	1	1	H73
.....cuuGgcacugggagaa <u>u</u> cacag.....	1	1	H73
.....cuuggcacugggagaa <u>u</u> cacagÅ.....	1	1	H73
.....cuuggcacugggagaa <u>u</u> cacagg.....	1	0	H73
.....cuuggcacugggagaa <u>u</u> cacagÅa.....	1	1	H73
.....uuggcacugggagaa <u>u</u> cac.....	1	0	H73
.....uuggcacugggagaa <u>u</u> cacag.....	1	0	H73
.....Cuggcacugggagaa <u>u</u> cacag.....	1	1	H73
.....cacugggagaa <u>u</u> cacagU.....	1	1	H73
.....cgugaauuuccugaugccuc.....	2	0	H73
.....cgugaauuuccugaugccuca.....	9	0	H73
.....cgugaauuuccugaugccucaU.....	2	1	H73
.....cgugaauuuccugaugccucag.....	2	0	H73
.....cgugaauuuccugaugccucagÅ.....	1	1	H73
.....cgugaauuuccugaugccucagU.....	1	1	H73
.....cgugaauuuccugaugccucagcÅ.....	1	1	H73
.....gugaauuuccugaugccuc.....	1	0	H73
.....gugaauuuccugaugccuca.....	1	0	H73
.....gugaauuuccugaugccucagc.....	6	0	H73
.....gugaauuuccugaugccucagcu.....	1	0	H73
.....gugaauuuccugaugccucagcÅ.....	2	1	H73
.....gugaauuuccugaugccucagcÅc.....	1	1	H73
.....ugaauuuccugaugccucagc.....	1	0	H73
.....ugaauuuccugaugccucagcu.....	1	0	H73
.....ugaauuuccugaugccucagcÅ.....	1	1	H73
.....cuuggcacugggagaa <u>u</u> c.....	1	0	H54
.....cuuggcacugggagaa <u>u</u> ca.....	1	0	H54
.....cuuggcacugggagaa <u>u</u> cac.....	6	0	H54
.....cuuggcacugggagaa <u>u</u> caca.....	9	0	H54
.....cuuggcacugggagaa <u>u</u> cacag.....	4	0	H54
.....cuuggcacugggagaa <u>u</u> cacaÅ.....	1	1	H54
.....cgugaauuuccugaugccuc.....	1	1	H54
.....cgugaauuuccugaugccuc.....	2	0	H54
.....cgugaauuuccugaugccuca.....	5	0	H54
.....gugaauuuccugaugccu.....	1	0	H54
.....gugaauuuccugaugccuc.....	3	0	H54
.....gugaauuuccugaugccucagc.....	3	0	H54
.....gugaauuucUgaugccucagc.....	1	1	H54
.....ugaauuuccugaugccucagc.....	1	0	H54
.....ugaauuuccugaugccucagcu.....	1	0	H54
.....ugaauuuccugaugccucagcÅc.....	1	1	H54
.....cuuggcacugggagaa <u>u</u> caca.....	1	0	B13
.....cuuggcacugggagaa <u>u</u> cacag.....	2	0	B13
.....cgugaauuuccugaugccuUag.....	3	1	B13
.....gugaauuuccugaugccucagc.....	1	0	B13
.....gugaauuuccugaugccuUagc.....	1	1	B13
.....ugaauuuccugaugccuUag.....	1	1	B13
.....cuuggcacugggagaa <u>u</u> .....	1	0	R72

## Mature

## Star

uaucaaggacuaacguugggc <u>cuuggcacugggagaa</u> uucacag <u>gaguuauauuacccgugaauuuccugaugccu</u> cagcucaauguaguccggaacaacgaagacugaagaua			
. . . . .cuuggcacugggagaa <u>uuc</u> . . . . .	1	0	R72
. . . . .cuuggcacugggagaa <u>uuc</u> a . . . . .	1	0	R72
. . . . .cuuggcacugggagaa <u>uuc</u> ac . . . . .	10	0	R72
. . . . .cuuggcacugggagaa <u>uuc</u> aca . . . . .	9	0	R72
. . . . .cuuggcacugggagaa <u>uuc</u> aGa . . . . .	1	1	R72
. . . . .cuuggcacugggagaa <u>uuc</u> acU . . . . .	1	1	R72
. . . . .cuuggcacugggagaa <u>uuc</u> acag . . . . .	9	0	R72
. . . . .cuuggcacugggagaa <u>uuc</u> acag . . . . .	1	1	R72
. . . . .cuuggcacugggagaa <u>uuc</u> acagU . . . . .	1	1	R72
. . . . .cuuggcacugggagaa <u>uuc</u> acagA . . . . .	1	1	R72
. . . . .cgugaauuuccugaugccu <u>ca</u> . . . . .	2	0	R72
. . . . .cgugaauuuccugaugccu <u>cag</u> U . . . . .	2	1	R72
. . . . .gugaauuuccugaugccu <u>Ua</u> . . . . .	1	1	R72
. . . . .gugaauuuccugaugccu <u>ca</u> . . . . .	4	0	R72
. . . . .gugaauuuccugaugccu <u>cag</u> A . . . . .	1	1	R72
. . . . .gugaauuuccugaugccu <u>cag</u> C . . . . .	2	0	R72
. . . . .gugaauuuccugaugccu <u>cag</u> cu . . . . .	1	0	R72
. . . . .cuuggcacugggagaa <u>uuc</u> . . . . .	2	0	H74
. . . . .cuuggcacugggagaa <u>uuc</u> ac . . . . .	21	0	H74
. . . . .cuuggcacugggagaa <u>uuc</u> aca . . . . .	1	1	H74
. . . . .cuuggcacugggagaa <u>uuc</u> aca . . . . .	2	1	H74
. . . . .cuuggcacugggagaa <u>uuc</u> aca . . . . .	35	0	H74
. . . . .cuuggcacugggagaa <u>uuc</u> acag . . . . .	1	1	H74
. . . . .cuuggcacugggagaa <u>uuc</u> acaA . . . . .	1	1	H74
. . . . .cuuggcacugggagaa <u>uuc</u> acag . . . . .	1	1	H74
. . . . .cuuggcacugggagaa <u>uuc</u> acag . . . . .	59	0	H74
. . . . .cgugaauuuccugaugccu <u>U</u> . . . . .	2	1	H74
. . . . .cgugaauuuccugaugccu <u>ca</u> . . . . .	1	1	H74
. . . . .cgugaauuuccugaugccu <u>Ua</u> . . . . .	11	1	H74
. . . . .cgugaauuuccugaugccu <u>ca</u> . . . . .	3	0	H74
. . . . .cgugaauuuccugaugccu <u>cag</u> . . . . .	1	0	H74
. . . . .cgugaauuuccugaugccu <u>Uag</u> . . . . .	39	1	H74
. . . . .cgugaauuuccugaugccu <u>Uag</u> C . . . . .	15	1	H74
. . . . .cgugaauuuccugaugccu <u>cag</u> U . . . . .	1	1	H74
. . . . .cgugaauuuccugaugccu <u>cag</u> Uu . . . . .	1	1	H74
. . . . .gugaauuuccugaugccu <u>U</u> . . . . .	1	1	H74
. . . . .gugaauuuccugaugccu <u>Ua</u> . . . . .	7	1	H74
. . . . .gugaauuuccugaugccu <u>Uag</u> . . . . .	10	1	H74
. . . . .gugaauuuccugaugccu <u>Uag</u> C . . . . .	15	1	H74
. . . . .gugaauuuccugaugccu <u>cag</u> C . . . . .	2	0	H74
. . . . .gugaauuuccugaugccu <u>Uag</u> cu . . . . .	1	1	H74
. . . . .ugaauuuccugaugccu <u>Uag</u> C . . . . .	2	1	H74
. . . . .ugaauuuccugaugccu <u>Uag</u> cu . . . . .	10	1	H74
. . . . .cuuggcacugggagaa <u>uuc</u> ac . . . . .	3	0	R74
. . . . .cuuggcacugggagaa <u>uuc</u> aca . . . . .	7	0	R74
. . . . .cuuggcacugggagaa <u>uuc</u> acag . . . . .	5	0	R74
. . . . .gugaauuuccugaugccu <u>U</u> . . . . .	1	1	R74
. . . . .gugaauuuccugaugccu <u>Ua</u> . . . . .	2	1	R74
. . . . .gugaauuuccugaugccu <u>Uag</u> . . . . .	4	1	R74
. . . . .gugaauuuccugaugccu <u>Uag</u> C . . . . .	4	1	R74
. . . . .gugaauuuccugaugccu <u>cag</u> A . . . . .	2	1	R74
. . . . .gugaauuuccugaugccu <u>cag</u> C . . . . .	1	0	R74
. . . . .gugaauuuccugaugccu <u>Uag</u> cu . . . . .	1	1	R74
. . . . .cuuggcacugggagaa <u>uuc</u> ac . . . . .	1	0	B01
. . . . .cuuggcacugggagaa <u>uuc</u> aca . . . . .	2	0	B01
. . . . .cuuggcacugggagaa <u>uuc</u> acag . . . . .	3	0	B01
. . . . .cgugaauuuccugaugccu <u>ca</u> . . . . .	1	0	B01
. . . . .gugaauuuccugaugccu <u>cag</u> C . . . . .	2	0	B01
. . . . .cuuggcacugggagaa <u>uuc</u> . . . . .	1	0	H33
. . . . .cuuggcacugggagaa <u>uuc</u> ac . . . . .	7	0	H33
. . . . .cuuggcacugggagaa <u>uuc</u> aca . . . . .	16	0	H33
. . . . .cuugUcacugggagaa <u>uuc</u> aca . . . . .	1	1	H33
. . . . .cuuggcacugggagaa <u>uuc</u> acag . . . . .	1	1	H33
. . . . .cuuggcacugggagaa <u>uuc</u> acag . . . . .	14	0	H33
. . . . .cuuggcacugggagaa <u>uuc</u> acagU . . . . .	1	1	H33
. . . . .cuuggcacugggagaa <u>uuc</u> acagagaguuauauuacccgugaauuuccuga . . . . .	1	0	H33

## Mature

## Star

uaucaaggacuacguugggc <u>cuuggcacugggagaa</u> uucacag <u>gaguuauuuacc</u> cguga <u>auuuccugaugccu</u> cagcucaauguaguccggaacaacgaagacugaagaua			
.....cacugggagaa <u>uucacagC</u> .....	1	1	H33
.....gggagaa <u>uucacag</u> gaguuauuu <u>acc</u> cguga <u>auuuccugaugccu</u> cagc.....	1	0	H33
.....cguga <u>auuuccugaugccuU</u> .....	1	1	H33
.....cguga <u>auuuccugaugccuUa</u> .....	2	1	H33
.....cguga <u>auuuccugaugccuUag</u> .....	19	1	H33
.....cguga <u>auuuccugaugccuUagc</u> .....	5	1	H33
.....cguga <u>auuuccugaugccuUagcu</u> .....	1	1	H33
.....guga <u>auuuccugaugccu</u> .....	2	0	H33
.....guga <u>auuuccugaugccuc</u> .....	2	0	H33
.....guga <u>auuuccugaugccuU</u> .....	1	1	H33
.....guga <u>auuuccugaugccuUa</u> .....	4	1	H33
.....guga <u>auuuccugaugccuUag</u> .....	9	1	H33
.....guga <u>auuuccugaugccuUagc</u> .....	30	1	H33
.....guga <u>auuuccugaugccucagc</u> .....	4	0	H33
.....guga <u>auuuccugaugccuUagcu</u> .....	5	1	H33
.....uga <u>auuuccugaugccuUagc</u> .....	1	1	H33
.....uga <u>auuuccugaugccucagcu</u> .....	1	0	H33
.....uga <u>auuuccugaugccuUagcu</u> .....	1	1	H33
.....cuuggcacugggagaa <u>uu</u> .....	2	0	H53
.....cuuggcacugggagaa <u>uuc</u> .....	3	0	H53
.....cuuggcacugggagaa <u>uuca</u> .....	1	0	H53
.....cuuggcacugggagaa <u>uucac</u> .....	4	0	H53
.....cuuggcacugggagaa <u>uucaca</u> .....	5	0	H53
.....cuuggcacugggagaa <u>uucacag</u> .....	14	0	H53
.....cuuggcacugggagaa <u>uucacagU</u> .....	1	1	H53
.....cguga <u>auuuccugaugccuc</u> .....	1	0	H53
.....cguga <u>auuuccugaugccuU</u> .....	1	1	H53
.....cguga <u>auuuccugaugccuUa</u> .....	6	1	H53
.....cguga <u>auuuccugaugccuca</u> .....	1	0	H53
.....cguga <u>auuuccugaugccuUag</u> .....	10	1	H53
.....cguga <u>auuuccugaugccuUagc</u> .....	1	1	H53
.....guga <u>auuuccugaugccU</u> .....	1	1	H53
.....guga <u>auuuccugaugccuU</u> .....	3	1	H53
.....guga <u>auuuccugaugccuc</u> .....	1	0	H53
.....guga <u>auuuccugaugccuca</u> .....	1	0	H53
.....guga <u>auuuccugaugccuUa</u> .....	6	1	H53
.....guga <u>auuuccugaugccuUag</u> .....	6	1	H53
.....guga <u>auuuccugaugccuUagc</u> .....	22	1	H53
.....guga <u>auuuccugaugccucagc</u> .....	5	0	H53
.....guga <u>auuuccugaugccuUagcu</u> .....	7	1	H53
.....uga <u>auuuccugaugccuUagcu</u> .....	3	1	H53
.....cuuggcacugggagaa <u>uucac</u> .....	1	0	B03
.....cuuggcacugggagaa <u>uucaca</u> .....	2	0	B03
.....cuuggcacugggagaa <u>uucacag</u> .....	7	0	B03
.....cguga <u>auuuccugaugccuca</u> .....	3	0	B03
.....cguga <u>auuuccugaugccucag</u> .....	1	0	B03
.....cguga <u>auuuccugaugccucagc</u> .....	1	0	B03
.....cguga <u>auuuccugaugccucagU</u> .....	2	1	B03
.....guga <u>auuuccugaugccA</u> .....	1	1	B03
.....guga <u>auuuccugaugccuca</u> .....	1	0	B03
.....guga <u>auuuccugaugccucagA</u> .....	1	1	B03
.....guga <u>auuuccugaugccucagc</u> .....	2	0	B04
.....cuuggcacugggagaa <u>uucac</u> .....	3	0	H63
.....cuuUgcacugggagaa <u>uucaca</u> .....	1	1	H63
.....cuuggcacugggagaa <u>uucaca</u> .....	6	0	H63
.....cuuggcacugggagaa <u>uUacag</u> .....	1	1	H63
.....cuuggcacugggagaa <u>uucacag</u> .....	17	0	H63
.....cguga <u>auuuccugaugccuc</u> .....	1	0	H63
.....cguga <u>auuuccugaugccuca</u> .....	4	0	H63
.....cguga <u>auuuccugaugccuU</u> .....	1	1	H63
.....cguga <u>auuuccugaugccucag</u> .....	2	0	H63
.....cguga <u>auuuccugaugccucagUu</u> .....	1	1	H63
.....guga <u>auuuccugaugccu</u> .....	2	0	H63
.....guga <u>auuuccugaugccuc</u> .....	2	0	H63
.....guga <u>auuuccugaugccuca</u> .....	1	0	H63
.....guga <u>auuuccugaugccucaU</u> .....	1	1	H63

## Mature

## Star

uaucaaggaacuacguugggcuuggcacugggagaaauccacaggauguauauuaccgcugaaauuccugaugccucagcucaauguaguccggaacaacgaagacuagaaua			
.....gugaauuuccugaugccucagc.....	6	0	H63
.....gugaauuuccugaugccucagU.....	2	1	H63
.....gugaauuuccugaugccucagcC.....	1	1	H63
.....gugaauuuccugaugccucagcA.....	1	1	H63
.....ugaauuuccugaugccucagc.....	1	0	H63
.....cuuggcacugggagaaaucaA.....	1	1	H01
.....cuuggcacugggagaaauccac.....	6	0	H01
.....cuuggcacugggagaaauccaca.....	8	0	H01
.....cuuggcacugggagaaGucaca.....	1	1	H01
.....cuuggcacugggagaaauccacag.....	28	0	H01
.....uuggcacugggagaaauccacag.....	1	0	H01
.....cacugggagaaauccacag.....	1	0	H01
.....cgugaauuuccugaugccuUa.....	5	1	H01
.....cgugaauuuccugaugccuca.....	1	0	H01
.....cgugaauuuccugaugccuU.....	1	1	H01
.....cgugaauuuccugaugccuUag.....	12	1	H01
.....cgugaauuuccugaugccuUagc.....	4	1	H01
.....gugaauuuccugaugccuca.....	1	0	H01
.....gugaauuuccugaugccuUa.....	2	1	H01
.....gugaauuuccugaugccuUag.....	3	1	H01
.....gugaauuuccugaugccuUagc.....	10	1	H01
.....gugaauuuccugaugccucagc.....	3	0	H01
.....gugaauuuccugaugccuUagcu.....	1	1	H01
.....ugaauuuccugaugccuUagcA.....	1	1	H01
.....ugaauuuccugaugccuUagcu.....	2	1	H01
.....gaauuuccugaugccuUagcu.....	1	1	H01
.....cuuggcacugggagaaaucaU.....	1	1	H43
.....cuuggcacugggagaaauccac.....	8	0	H43
.....cuuggcacugggGaaauccaca.....	1	1	H43
.....cuuggcacugggagaaauccaca.....	10	0	H43
.....cuuggcacugggagaaauccuU.....	1	1	H43
.....cuuggcacugggagaaauccacag.....	5	0	H43
.....cuuggcacugggagaaauccacaA.....	2	1	H43
.....cuuggcacugggagaaauccacagA.....	1	1	H43
.....cacugggagaaauccacagAa.....	1	1	H43
.....cgugaauuuccugaugccuca.....	4	0	H43
.....cgugaauuuccugaugccucag.....	1	0	H43
.....gugaauuuccugaugccu.....	2	0	H43
.....gugaauuuccugaugccuc.....	1	0	H43
.....gugaauuuccugaugccuca.....	2	0	H43
.....gugaauuuccugaugccucagc.....	11	0	H43
.....gugaauuuccugaugccucagcA.....	4	1	H43
.....gugaauuuccugaugccucagcu.....	1	0	H43
.....gugaauuuccugaugccucagcuA.....	2	1	H43
.....cuuggcacugggagaaaucc.....	1	0	H44
.....cuuggcacugggagaaauccac.....	7	0	H44
.....cuuggcacugggagaaaucaA.....	1	1	H44
.....cuuggcacugggagaaauGac.....	1	1	H44
.....cuuggcacugggagaaauccaca.....	13	0	H44
.....cuuggcacugggagaaauccacag.....	13	0	H44
.....uuggcacugggagaaauccacag.....	1	0	H44
.....cgugaauuuccugaugccuc.....	1	0	H44
.....cgugaauuuccugaugccuca.....	2	0	H44
.....cgugaauuuccugaugccucag.....	2	0	H44
.....cgugaauuuccugaugccucagc.....	1	0	H44
.....cgugaauuuccugaugccucagA.....	2	1	H44
.....gugaauuuccugaugccuc.....	1	0	H44
.....gugaauuuccugaugccuU.....	1	1	H44
.....gugaauuuccugaugccuca.....	4	0	H44
.....gugaauuuccugaugccucaA.....	1	1	H44
.....gugaauuuccugaugccucagc.....	6	0	H44
.....gugaauuuccugaugccucagA.....	3	1	H44
.....gugaauuuccugaugccucagU.....	2	1	H44
.....gugaauuuccugaugccucagcC.....	1	1	H44
.....gugaauuuccugaugccucagcAc.....	1	1	H44
.....cuuggcacugggagaaaucc.....	1	0	H04

## Mature

## Star

uaucaaggacuaacguugggc <u>cuuggcacugggagaa</u> uucacag <u>gaguuauauuacccgugaauuuccugaugccu</u> cagcucaauguaguccggaacaacgaagacugaagaua			
..... <u>cuuggcacugggagaa</u> uucac.....	8	0	H04
.....cu <u>Agggcacugggagaa</u> uucac.....	1	1	H04
..... <u>cuugCcacugggagaa</u> uucaca.....	1	1	H04
..... <u>cuuggcacugggagaa</u> uucaca.....	9	0	H04
..... <u>cuuggcacugggagaa</u> uucacag.....	28	0	H04
..... <u>uuggcacugggagaa</u> uucac.....	1	0	H04
..... <u>cgugaauuuccugaugccu</u> .....	1	0	H04
..... <u>cgugaauuuccugaugccu</u> Ua.....	4	1	H04
..... <u>cgugaauuuccugaugccu</u> Uag.....	7	1	H04
..... <u>cgugaauuuccugaugccu</u> UagC.....	4	1	H04
..... <u>gugaauuuccugaugccu</u> .....	1	0	H04
..... <u>gugaauuuccugaugccu</u> Ua.....	2	1	H04
..... <u>gugaauuuccugaugccu</u> U.....	1	1	H04
..... <u>gugaauuuccugaugccu</u> Uag.....	2	1	H04
..... <u>gugaauuuccugaugccu</u> UagC.....	20	1	H04
..... <u>gugaauuuccugaugccu</u> cagC.....	3	0	H04
..... <u>gugaauuuccugaugccu</u> cagcu.....	2	0	H04
..... <u>gugaauuuccugaugccu</u> Uagcu.....	1	1	H04
..... <u>ugaauuuccugaugccu</u> UagC.....	1	1	H04
..... <u>cuuggcacugggagaa</u> uucaca.....	2	0	A32
..... <u>cuuggcacugggagaa</u> uucacag.....	2	0	A32
..... <u>uuggcacugggagaa</u> uucacag.....	1	0	A32
..... <u>cgugaauuuccugaugccu</u> ca.....	1	0	A32
..... <u>cuuggcacugggagaa</u> uucacag.....	1	0	A41
..... <u>cacugggagaa</u> uucacag.....	1	0	A41
..... <u>gugaauuuccugaugccu</u> ca.....	1	0	A41
..... <u>cuuggcacugggagaa</u> uucac.....	1	0	A53
..... <u>cuuggcacugggagaa</u> uucaca.....	1	0	A53
..... <u>gugaauuuccugaugccu</u> UagC.....	1	1	A53
..... <u>cuuggcacugggagaa</u> uucac.....	1	0	H62
..... <u>cuuggcacugggagaa</u> uucac.....	7	0	H62
..... <u>cuuggcacugggagaa</u> uucaca.....	10	0	H62
..... <u>cuuggcacugUgagaa</u> uucaca.....	1	1	H62
..... <u>cuugAcacugggagaa</u> uucacag.....	1	1	H62
..... <u>cuuggcacugggagaa</u> uucacag.....	42	0	H62
..... <u>cgugaauuuccugaugccu</u> C.....	1	0	H62
..... <u>cgugaauuuccugaugccu</u> Ua.....	8	1	H62
..... <u>cgugaauuuccugaugccu</u> ca.....	2	0	H62
..... <u>cgugaauuuccugaugccu</u> Uag.....	17	1	H62
..... <u>cgugaauuuccugaugccu</u> cag.....	1	0	H62
..... <u>cgugaauuuccugaugccu</u> UagC.....	7	1	H62
..... <u>gugaauuuccugaugccu</u> .....	1	0	H62
..... <u>gugaauuuccugaugccu</u> U.....	2	1	H62
..... <u>gugaauuuccugaugccu</u> ca.....	2	0	H62
..... <u>gugaauuuccugaugccu</u> Ua.....	3	1	H62
..... <u>gugaauuuccugaugccu</u> Aa.....	1	1	H62
..... <u>gugaauuuccugaugccu</u> Uag.....	5	1	H62
..... <u>gugaauuuccugaugccu</u> UagC.....	29	1	H62
..... <u>gugaauuuccugaugccu</u> cagC.....	3	0	H62
..... <u>gugaauuuccugaugccu</u> Uagcu.....	2	1	H62
..... <u>ugaauuuccugaugccu</u> cagC.....	1	0	H62
..... <u>ugaauuuccugaugccu</u> Uagcu.....	4	1	H62
..... <u>ugaauuuccugaugccu</u> cagcu.....	1	0	H62
..... <u>cuuggcacugggagaa</u> uUac.....	1	1	H11
..... <u>cuuggcacugggagaa</u> uucac.....	1	0	H11
..... <u>cuuggcacugggagaa</u> Cucaca.....	1	1	H11
..... <u>cuuggcacugggagaa</u> uucaca.....	9	0	H11
..... <u>cuuggcacugggagaa</u> uucacaU.....	1	1	H11
..... <u>cuuggcacugggagaa</u> uucacag.....	10	0	H11
..... <u>cacugggagaa</u> uucacag.....	1	0	H11
..... <u>cgugaauuuccugaugccu</u> cagA.....	2	1	H11
..... <u>gugaauuuccugaugccu</u> cag.....	1	0	H11
..... <u>gugaauuuccugaugccu</u> cagC.....	1	0	H11
..... <u>gugaauuuccugaugccu</u> cagcu.....	1	0	H11
..... <u>cuuggcaUugggagaa</u> uucac.....	1	1	E12

## Mature

## Star

uaucaaggacuaacguugggc <u>cuuggcacugggagaaucacag</u> gaguuauauuaccc <u>gugaauuuccugaugccucagc</u> ucaauguaguccggaacaacgaagacugaagaua			
..... <u>cuuggcacugggagaaucac</u> .....	2	0	E12
..... <u>cuuggcacugggagaaucaca</u> .....	2	0	E12
..... <u>cuuggcacugggagaaucacag</u> .....	24	0	E12
..... <u>cgugaauuuccugaugccuc</u> .....	1	0	E12
..... <u>cgugaauuuccugaugccuUa</u> .....	1	1	E12
..... <u>cgugaauuuccugaugccuca</u> .....	2	0	E12
..... <u>cgugaauuuccugaugccuUag</u> .....	3	1	E12
..... <u>cgugaauuuccugaugccucagA</u> .....	1	1	E12
..... <u>cgugaauuuccugaugccuUagc</u> .....	3	1	E12
..... <u>gugaauuuccugaugccuUag</u> .....	2	1	E12
..... <u>gugaauuuccugaugccucagc</u> .....	4	0	E12
..... <u>gugaauuuccugaugccuUagc</u> .....	10	1	E12
..... <u>gugaauuuccugaugccucagcA</u> .....	1	1	E12
..... <u>ugaauuuccugaugccuUagc</u> .....	1	1	E12
..... <u>ugaauuuccugaugccuUagcu</u> .....	2	1	E12
..... <u>cuuggcacugggagaaauca</u> .....	1	0	H42
..... <u>cuuggcacugggagaaucac</u> .....	6	0	H42
..... <u>cuuggcacugggagaaucaca</u> .....	8	0	H42
..... <u>cuuggcacugggagUauucacag</u> .....	1	1	H42
..... <u>cuuggcacugggagaaucacag</u> .....	13	0	H42
..... <u>cuuggcacugggagaaucacagU</u> .....	2	1	H42
..... <u>uuggcacugggagaaucaca</u> .....	1	0	H42
..... <u>cgugaauuuccugaugccuU</u> .....	2	1	H42
..... <u>cgugaauuuccugaugccuc</u> .....	2	0	H42
..... <u>cgugaauuuccugaugccuca</u> .....	2	0	H42
..... <u>cgugaauuuccugaugccuUa</u> .....	4	1	H42
..... <u>cgugaauuuccugaugccuUag</u> .....	9	1	H42
..... <u>cgugaauuuccugaugccucag</u> .....	1	0	H42
..... <u>cgugaauuuccugaugccuUagc</u> .....	6	1	H42
..... <u>gugaauuuccugaugccuU</u> .....	5	1	H42
..... <u>gugaauuuccugaugccuUa</u> .....	1	1	H42
..... <u>gugaauuuccugaugccuca</u> .....	2	0	H42
..... <u>gugaauuuccugaugccuUag</u> .....	5	1	H42
..... <u>gugaauuuccugaugccucagc</u> .....	8	0	H42
..... <u>gugaauuuccugaugccuUagc</u> .....	15	1	H42
..... <u>gugaauuuccugaugccuUagcu</u> .....	6	1	H42
..... <u>gugaauuuccugaugccucagcA</u> .....	1	1	H42
..... <u>ugaauuuccugaugccuUagc</u> .....	1	1	H42
..... <u>ugaauuuccugaugccucagcA</u> .....	1	1	H42
..... <u>ugaauuuccugaugccuUagcu</u> .....	3	1	H42
..... <u>cuuggcacugggagaaucaca</u> .....	2	0	A34
..... <u>gugaauuuccugaugccucagc</u> .....	1	0	A34
..... <u>cuuggcacugggagaaucaca</u> .....	1	0	A21
..... <u>cuuggcacugggagaaucacag</u> .....	1	0	A21
..... <u>gugaaCuuccugaugccucagc</u> .....	1	1	A21
..... <u>cuuggcacugggagaaU</u> .....	1	1	R73
..... <u>cuuggcacugggagaaU</u> .....	1	0	R73
..... <u>cuuggcacugggagaaU</u> .....	1	1	R73
..... <u>cuuggcacugggagaaUca</u> .....	2	0	R73
..... <u>cuuggcacugggagaaUc</u> .....	3	0	R73
..... <u>cuuggcacugggagaaUcU</u> .....	1	1	R73
..... <u>cuuggcacugggagaaCucaca</u> .....	1	1	R73
..... <u>cuuggcacugggagaaUcaca</u> .....	4	0	R73
..... <u>cuuggcacugggagaaUcacaU</u> .....	2	1	R73
..... <u>cuuggcacugggagaaUcag</u> .....	8	0	R73
..... <u>cuuggcacugggagaaUcagU</u> .....	2	1	R73
..... <u>cgugaauuuccugaugccu</u> .....	1	0	R73
..... <u>cgugaauuuccugaugccuc</u> .....	1	0	R73
..... <u>cgugaauuuccugaugccuca</u> .....	2	0	R73
..... <u>cgugaauuuccugaugccucagU</u> .....	1	1	R73
..... <u>gugaauuuccugaugccuca</u> .....	2	0	R73
..... <u>gugaauuuccugaugccucag</u> .....	1	0	R73
..... <u>gugaauuuccugaugccucagA</u> .....	1	1	R73
..... <u>gugaauuuccugaugccucagU</u> .....	1	1	R73
..... <u>gugaauuuccugaugccucagc</u> .....	1	0	R73
..... <u>ugaauuuccugaugccuca</u> .....	1	0	R73

## Mature

## Star

uaucaaggacuaacguugggccuuggcacugggagaauucacaggaguuauauuacccgugaauuuccugaugccuagcucaauguaguccggaacaacgaagacugaagaua

..... <u>u</u> gaauuuccugaugccuagc <u>u</u> .....	1	0	R73
..... <u>cu</u> uggcacugggagaa <u>u</u> ucac.....	1	0	A33
..... <u>cg</u> ugaauuuccugaugccu <u>U</u> ag.....	1	1	A33
..... <u>cu</u> uggcacugggagaa <u>u</u> ucac.....	2	0	E14
..... <u>cu</u> uggcacugggagaa <u>u</u> ucaca.....	9	0	E14
..... <u>cu</u> uggcacugggagaa <u>u</u> ucacag.....	17	0	E14
..... <u>cu</u> uggcacugggagaa <u>u</u> uGacag.....	1	1	E14
..... <u>cu</u> Cggcacugggagaa <u>u</u> ucacag.....	1	1	E14
..... <u>cu</u> uggcacugA <u>g</u> agaa <u>u</u> ucacag.....	1	1	E14
..... <u>u</u> uggcacugggagaa <u>u</u> ucacag.....	1	0	E14
..... <u>cg</u> ugaauuuccugaugccu <u>U</u> a.....	4	1	E14
..... <u>cg</u> ugaauuuccugaugccu <u>ca</u> .....	2	0	E14
..... <u>cg</u> ugaauuuccugaugccuag.....	1	0	E14
..... <u>cg</u> ugaauuuccugaugccuUag.....	14	1	E14
..... <u>cg</u> ugaauuuccugaugccuUagc.....	5	1	E14
..... <u>cg</u> ugaauuuccugaugccuagU.....	1	1	E14
..... <u>g</u> ugaauuuccugaugccu.....	1	0	E14
..... <u>g</u> ugaauuuccugaugccuUa.....	2	1	E14
..... <u>g</u> ugaauuuccugaugccuUag.....	2	1	E14
..... <u>g</u> ugaauuuccugaugccuUagc.....	16	1	E14
..... <u>g</u> ugaauuuccugaugccucagc.....	1	0	E14
..... <u>g</u> ugaauuuccugaugccuUagcu.....	1	1	E14
..... <u>u</u> gaauuuccugaugccuUagc.....	1	1	E14
..... <u>u</u> gaauuuccugaugccuUagcu.....	2	1	E14
..... <u>cu</u> uggcacugggagaa <u>u</u> uca.....	1	0	A04
..... <u>cu</u> uggcacugggagaa <u>u</u> ucacag.....	2	0	A04
..... <u>cg</u> ugaauuuccugaugccuUa.....	1	1	A04
..... <u>cg</u> ugaauuuccugaugccuUagc.....	3	1	A04
..... <u>g</u> ugaauuuccugaugccuUag.....	1	1	A04
..... <u>g</u> ugaauuuccugaugccuUagc.....	3	1	A04
..... <u>g</u> ugaauuuccugaugccucagc.....	2	0	A04
..... <u>g</u> ugaauuuccugaugccucagcA.....	1	1	A04
..... <u>cu</u> uggcacugggagaa <u>u</u> .....	1	0	H41
..... <u>cu</u> uggcacugggagaa <u>u</u> uc.....	2	0	H41
..... <u>cu</u> uggcacugggagaa <u>u</u> ucac.....	4	0	H41
..... <u>cu</u> uggcacugggagaa <u>u</u> ucaca.....	10	0	H41
..... <u>cu</u> uggcacugggagaa <u>u</u> ucacaU.....	1	1	H41
..... <u>cu</u> uggcacugggagaa <u>u</u> ucacag.....	11	0	H41
..... <u>cu</u> uggcacugggagaa <u>u</u> ucacagAa.....	1	1	H41
..... <u>cg</u> ugaauuuccugaugccu <u>ca</u> .....	6	0	H41
..... <u>g</u> ugaauuuccugaugccuU.....	1	1	H41
..... <u>g</u> ugaauuuccugaugccu.....	1	0	H41
..... <u>g</u> ugaauuuccugaugccu <u>ca</u> .....	4	0	H41
..... <u>g</u> ugaauuuccugaugccuagU.....	1	1	H41
..... <u>g</u> ugaauuuccugaugccucagc.....	6	0	H41
..... <u>g</u> ugaauuuccugaugccucagcA.....	1	1	H41
..... <u>g</u> ugaauuuccugaugccucagcAc.....	1	1	H41
..... <u>cu</u> uggcacugggagaa <u>u</u> uc.....	2	0	E24
..... <u>cu</u> uggcacugggagaa <u>u</u> uca.....	2	0	E24
..... <u>cu</u> uggcacugggagaa <u>u</u> ucac.....	13	0	E24
..... <u>cu</u> uggcacugggagaa <u>u</u> ucaca.....	35	0	E24
..... <u>cu</u> uggcacugggagaa <u>u</u> ucacag.....	94	0	E24
..... <u>cu</u> uggcacugggagaa <u>u</u> Gucacag.....	1	1	E24
..... <u>cu</u> uggcacugggagaa <u>u</u> Aucacag.....	1	1	E24
..... <u>cu</u> uggcacugggagaa <u>u</u> ucaGag.....	1	1	E24
..... <u>cu</u> uggcacugggagaa <u>u</u> ucacagA.....	1	1	E24
..... <u>cu</u> uggcacugggagaa <u>u</u> ucacagaguuauuuacccgugaauuuccuga.....	1	0	E24
..... <u>u</u> uggcacugggagaa <u>u</u> ucaca.....	1	0	E24
..... <u>c</u> acugggagaa <u>u</u> ucacag.....	3	0	E24
..... <u>c</u> acuggAga <u>u</u> ucacagg.....	1	1	E24
..... <u>cg</u> ugaauuuccugaugccuU.....	1	1	E24
..... <u>cg</u> ugaauuuccugaugccu.....	1	0	E24
..... <u>cg</u> ugaauuuccugaugccuUa.....	13	1	E24
..... <u>cg</u> ugaauuuccugaugccu <u>ca</u> .....	4	0	E24
..... <u>cg</u> ugaauuuccugaugccuUag.....	25	1	E24

## Mature

## Star

uaucaaggacuacguugggccuuggcacugggagaauucacaggaguuauauuacccgugaauuuccugaugccuagcucaauguaguccggaacaacgaagacugaagaua

.....cgugaauuuccugaugccuUagc.....	6	1	E24
.....cgugaauuuccugaugccuUagcu.....	1	1	E24
.....gugaauuuccugaugccu.....	1	0	E24
.....gugaauuuccugaugccuc.....	1	0	E24
.....gugaauuuccugaugccuUa.....	2	1	E24
.....gugaauuuccugaugccuUag.....	6	1	E24
.....gugaauuuccugaugccuUagc.....	45	1	E24
.....gugaauuuccugaugccucagc.....	6	0	E24
.....gugaauuuccugaugccuagcu.....	1	0	E24
.....gugaauuuccugaugccuUagcu.....	2	1	E24
.....ugaauuuccugaugccucagc.....	1	0	E24
.....ugaauuuccugaugccuUagc.....	3	1	E24
.....ugaauuuccugaugccucagA.....	1	1	E24
.....ugaauuuccugaugccuUagcu.....	6	1	E24
.....cuuggcacugggagaa <u>uu</u> .....	3	0	T73
.....cuuggcacugggagaa <u>uucac</u> .....	3	0	T73
.....cuuggcacugggagaa <u>uucaca</u> .....	6	0	T73
.....cuuggcacugggagaa <u>uucacag</u> .....	4	0	T73
.....cuuggcacugggagaa <u>uucacaU</u> .....	1	1	T73
.....cuuggcacugggagaa <u>uucacagU</u> .....	1	1	T73
.....cgugaauuuccugaugccu <u>ca</u> .....	2	0	T73
.....gugaauuuccugaugccu <u>c</u> .....	1	0	T73
.....gugaauuuccugaugccu <u>ca</u> .....	2	0	T73
.....gugaauuuccugaugccuagc.....	3	0	T73
.....ugaauuuccugaugccuagc.....	1	0	T73
.....ugaauuuccugaugccuagcu.....	1	0	T73
.....cuuggcacugggagaa <u>uucac</u> .....	2	0	T74
.....cuuggcacugggagaa <u>uucaca</u> .....	7	0	T74
.....cuuggcacugggagaa <u>uucacaA</u> .....	2	1	T74
.....cuuggcacugggagaa <u>uucacag</u> .....	1	0	T74
.....cgugaauuuccugaugccuUa.....	3	1	T74
.....cgugaauuuccugaugccuUag.....	5	1	T74
.....gugaauuuccugaugccuUag.....	2	1	T74
.....gugaauuuccugaugccuUagc.....	2	1	T74
.....gugaauuuccugaugccucagc.....	1	0	T74
.....cuuggcacugUgagaa <u>uucac</u> .....	1	1	E04
.....cuuggcacugggagaa <u>uucac</u> .....	3	0	E04
.....cuuggcacugggagaa <u>uucaca</u> .....	4	0	E04
.....cuuggcacugggagaa <u>uucacag</u> .....	9	0	E04
.....cgugaauuuccugaugccu <u>c</u> .....	1	0	E04
.....cgugaauuuccugaugccu <u>ca</u> .....	5	0	E04
.....cgugaauuuccugaugccuagc.....	2	0	E04
.....gugaauuuccugaugccu <u>c</u> .....	1	0	E04
.....gugaauuuccugaugccu <u>ca</u> .....	1	0	E04
.....gugaauuuccugaugccuagc.....	3	0	E04
.....cuuggcacugggagaa <u>uucac</u> .....	1	0	A62
.....cuuggcacugggagaa <u>uucaca</u> .....	1	0	A62
.....cuuggcacugggagaa <u>uucacag</u> .....	6	0	A62
.....cgugaauuuccugaugccu <u>c</u> .....	1	0	A62
.....cgugaauuuccugaugccuUagc.....	2	1	A62
.....gugaauuuccugaugccucagc.....	2	0	A62
.....gugaauuuccugaugccuUagc.....	3	1	A62
.....gugaauuuccugaugccuUagcu.....	2	1	A62
.....ugaauuuccugaugccuUagcu.....	1	1	A62
.....cuuggcacugggagaa <u>uuc</u> .....	2	0	E74
.....cuuggcacugggagaa <u>uuc</u> .....	1	0	E74
.....cuuggcacugggagaa <u>uucac</u> .....	8	0	E74
.....cuuggcacugggagaa <u>uucacac</u> .....	1	1	E74
.....cuuggcacugggagaa <u>uucaca</u> .....	30	0	E74
.....cuuggcacugggagUauu <u>acaca</u> .....	1	1	E74
.....cuuggcacugggagaa <u>uucacaU</u> .....	1	1	E74
.....cuuggcacugggagaa <u>uucacag</u> .....	43	0	E74
.....cuuggcacugggagaa <u>uucacagU</u> .....	2	1	E74
.....cuuggcacugggagaa <u>uucacagA</u> .....	1	1	E74
.....cacugggagaa <u>uucacag</u> .....	1	0	E74

## Mature

## Star

uaucaaggacuacguugggc <u>cuuggcacugggagaa</u> uucacag <u>gaguauauuacc</u> cgugaauuuccugaugccuagc <u>ucaauguaguccggaacaacgaagacuaga</u> ua			
.....cgugaauuuccugaugccu.....	1	0	E74
.....cgugaauuuccugaugccu.....	1	0	E74
.....cgugaauuuccugaugccuU.....	1	1	E74
.....cgugaauuuccugaugccuUa.....	17	1	E74
.....cgugaauuuccugaugccuca.....	3	0	E74
.....cgugaauuuccugaugccuUag.....	34	1	E74
.....cgugaauuuccugaugccucag.....	2	0	E74
.....cgugaauuuccugaugccuUagc.....	8	1	E74
.....cgugaauuuccugaugccucagA.....	1	1	E74
.....cgugaauuuccugaugccuUagcu.....	1	1	E74
.....gugaauuuccugaugccu.....	1	0	E74
.....gugaauuuccugaugccuUa.....	1	1	E74
.....gugaauuuccugaugccuUag.....	3	1	E74
.....gugaauuuccugaugccucagc.....	2	0	E74
.....gugaauuuccugaugccuUagc.....	6	1	E74
.....gugaauuuccugaugccuUagcu.....	1	1	E74
.....ugaauuuccugaugccuUagc.....	2	1	E74
.....ugaauuuccugaugccucagc.....	1	0	E74
.....ugaauuuccugaugccuUagcu.....	8	1	E74
.....ugaauuuccugaugccucagcA.....	1	1	E74
.....ugaauuuccugaugccucagcu.....	1	0	E74
.....cuuggcacugggagaa <u>uu</u> .....	1	0	E73
.....cuuggcacugggagaa <u>uuc</u> .....	1	0	E73
.....cuuggcacugggagaa <u>uuc</u> a.....	1	0	E73
.....cuuggcacugggagaa <u>uuc</u> ac.....	13	0	E73
.....cuugCcacugggagaa <u>uuc</u> aca.....	1	1	E73
.....cuugAcacugggagaa <u>uuc</u> aca.....	1	1	E73
.....cuuggcacugggagaa <u>uuc</u> aca.....	32	0	E73
.....cuuggcacugggagaa <u>uuc</u> acag.....	1	1	E73
.....cuuggcacugggagaa <u>uuc</u> acag.....	36	0	E73
.....cuuggcacugggagaa <u>uuc</u> acacA.....	1	1	E73
.....cuuggcacugggagaa <u>uuc</u> acagU.....	1	1	E73
.....cuuggcacugggagaa <u>uuc</u> acagA.....	1	1	E73
.....cacugggagaa <u>uuc</u> acag.....	1	0	E73
.....cgugaauuuccugaugccu.....	1	0	E73
.....cgugaauuuccugaugccuca.....	5	0	E73
.....cgugaauuuccugaugccucaA.....	1	1	E73
.....cgugaauuuccugaugccucag.....	1	0	E73
.....cgugaauuuccugaugccucagA.....	2	1	E73
.....cgugaauuuccugaugccucagU.....	1	1	E73
.....gugaauuuccugaugccu.....	1	0	E73
.....gugaauuuccugaugccucagc.....	5	0	E73
.....cuuggcacugggagaa <u>uu</u> .....	1	0	E72
.....cuuggcacugggagaaC <u>uc</u> ac.....	1	1	E72
.....cuuggcacugggagaa <u>uuc</u> ac.....	27	0	E72
.....cuuggcacugggagaa <u>uuc</u> acU.....	4	1	E72
.....cuuUgcacugggagaa <u>uuc</u> aca.....	1	1	E72
.....cuuggcacugggaUaa <u>uuc</u> aca.....	1	1	E72
.....cuuggcacugggagaa <u>uuc</u> aca.....	45	0	E72
.....cuuggcacugggagaa <u>uuc</u> acacA.....	1	1	E72
.....cuuggcacugggagaa <u>uuc</u> acag.....	91	0	E72
.....cuuggcacugggagaaG <u>uc</u> acag.....	1	1	E72
.....cuuggcacugggagaa <u>uuc</u> acag <u>g</u> aguauauuaccgugaauuuccga.....	1	0	E72
.....uuggcacugggagaa <u>uuc</u> aca.....	1	0	E72
.....cgugaauuuccugaugccu.....	1	0	E72
.....cgugaauuuccugaugccuca.....	4	0	E72
.....cgugaauuuccugaugccucaU.....	1	1	E72
.....cgugaauuuccugaugccucagU.....	2	1	E72
.....gugaauuuccugaugccucagU.....	1	1	E72
.....gugaauuuccugaugccucagc.....	1	0	E72
.....gugaauuuccugaugccucagcu.....	1	0	E72
.....ugaauuuccugaugccucagc.....	1	0	E72
.....ugaauuuccugaugccucagcu.....	1	0	E72
.....cuuggcacugggagaa <u>uuc</u> aca.....	1	0	A13
.....cuuggcacugggagaa <u>uuc</u> acag.....	1	1	A51
.....ugaauuuccugaugccucagcu.....	1	0	A51

## Mature

## Star

uaucaaggacuaacguugggccuuggcacugggagaauucacaggaguuauauuacccgugaauuuccugaugccucagcucaauguaguccggaacaacgaagacuagaaua

.....cuuggcacugggagaa <u>u</u> ucac.....	3	0	E02
.....cuuggcacugggagaa <u>u</u> ucaca.....	3	0	E02
.....cuuggcacugggagaa <u>u</u> ucacag.....	13	0	E02
.....cuuggcacugggagaaCucacag.....	1	1	E02
.....cuuggcacugggagaa <u>u</u> ucacag.....	1	0	E02
.....uuggcacugggagaa <u>u</u> ucacag.....	1	0	E02
.....cgugaauuuccugaugccu <u>ca</u> .....	5	0	E02
.....cgugaauuuccugaugccu <u>caA</u> .....	1	1	E02
.....gugaauuuccugaugccu <u>cagC</u> .....	2	0	E02
.....cuuggcacugggagaa <u>u</u> ucaca.....	1	0	B12
.....cuuggcacugggagaa <u>u</u> ucacag.....	6	0	B12
.....cuuggcacugggagaa <u>u</u> ucac.....	2	0	B14
.....cuuggcacugggagaa <u>u</u> ucacag.....	6	0	B14
.....cuuggcacugggagaa <u>u</u> ucacGg.....	1	1	B14
.....uuggcacugggagaa <u>u</u> ucacag.....	2	0	B14
.....cgugaauuuccugaugccu <u>U</u> ag.....	2	1	B14
.....cgugaauuuccugaugccu <u>U</u> agc.....	1	1	B14
.....cgugaauuuccugaugccu <u>cagU</u> .....	1	1	B14
.....gugaauuuccugaugccu <u>cagC</u> .....	1	0	B14
.....gugaauuuccugaugccu <u>U</u> agc.....	1	1	B14
.....cuuggcacugggagaa <u>u</u> ucac.....	3	0	A02
.....cuuggcacugggagaa <u>u</u> ucaca.....	3	0	A02
.....cuuggcacugggagaa <u>u</u> ucacag.....	1	0	A02
.....gugaauuuccugaugccu <u>cagC</u> .....	2	0	A02
.....cuuggcacugggagaa <u>u</u> .....	1	0	H34
.....cuuggcacugggagaa <u>u</u> uc.....	2	0	H34
.....cuuggcacugggagaa <u>u</u> ucac.....	8	0	H34
.....cuuggcacugggagaa <u>u</u> ucaca.....	16	0	H34
.....cuuggcacugggagaa <u>u</u> uAcag.....	1	1	H34
.....cuAggcacugggagaa <u>u</u> ucacag.....	1	1	H34
.....cuuggcacugggagaa <u>u</u> ucaUag.....	1	1	H34
.....cuuggcacugggagaa <u>u</u> ucacag.....	15	0	H34
.....cgugaauuuccugaugccu <u>c</u> .....	1	0	H34
.....cgugaauuuccugaugccu <u>U</u> .....	1	1	H34
.....cgugaauuuccugaugccu <u>Ua</u> .....	12	1	H34
.....cgugaauuuccugaugccu <u>ca</u> .....	1	0	H34
.....cgugaauuuccugaugccu <u>cag</u> .....	2	0	H34
.....cgugaauuuccugaugccu <u>U</u> ag.....	13	1	H34
.....cgugaauuuccugaugccu <u>U</u> agc.....	9	1	H34
.....cgugaauuuccugaugccu <u>U</u> agcu.....	1	1	H34
.....gugaauuuccugaugccu.....	1	0	H34
.....gugaauuuccugaugccu <u>U</u> .....	2	1	H34
.....gugaauuuccugaugccu <u>Ua</u> .....	3	1	H34
.....gugaauuuccugaugccu <u>ca</u> .....	1	0	H34
.....gugaauuuccugaugccu <u>cag</u> .....	2	0	H34
.....gugaauuuccugaugccu <u>U</u> ag.....	4	1	H34
.....gugaauuuccugaugccu <u>cagc</u> .....	2	0	H34
.....gugaauuuccugaugccu <u>U</u> agc.....	21	1	H34
.....gugaauuuccugaugccu <u>U</u> agcu.....	3	1	H34
.....ugaauuuccugaugccu <u>U</u> agcu.....	3	1	H34
.....cuuggcacugggagaa <u>u</u> ucacag.....	1	0	A64
.....Auuggcacugggagaa <u>u</u> ucac.....	1	1	T71
.....cuuggcacugggagaa <u>u</u> ucac.....	1	0	T71
.....cuuggcacugggagaa <u>u</u> ucaca.....	4	0	T71
.....cuuggcacugggagaa <u>u</u> ucacag.....	4	0	T71
.....cgugaauuuccugaugccu <u>Ua</u> .....	2	1	T71
.....cgugaauuuccugaugccu <u>U</u> ag.....	6	1	T71
.....gugaauuuccugaugccu <u>cagc</u> .....	1	0	T71
.....gugaauuuccugaugccu <u>U</u> agc.....	2	1	T71
.....ugaauuuccugaugccu <u>U</u> agcu.....	1	1	T71
.....cuuggcacugggagaaCuc.....	1	1	H71
.....cuuggcacugggagaa <u>u</u> uc.....	1	0	H71

## Mature

## Star

uaucaaggaacuacguugggcuuggcacugggagaa <u>u</u> ucacagga <u>g</u> uuauauuacccgugaauuuccugaugccuagc <u>u</u> caauguaguccggaacaacgaagacugaagaua			
.....cuuggcacugggagaa <u>u</u> ca.....	4	0	H71
.....cuuggcacugggagaa <u>u</u> Åa.....	1	1	H71
.....cuuggcacugggagaa <u>u</u> ucac.....	21	0	H71
.....cuuUgcacugggagaa <u>u</u> ucaca.....	1	1	H71
.....cuuggcacugggagaa <u>u</u> ucaca.....	60	0	H71
.....cuÅggcacugggagaa <u>u</u> ucaca.....	1	1	H71
.....cuuggcacugggagaa <u>u</u> ucaUag.....	1	1	H71
.....cuuggcacugggagaa <u>u</u> ucacaÅ.....	1	1	H71
.....cuuggcacugggaUaa <u>u</u> ucacag.....	1	1	H71
.....cuuggcacugggagaa <u>u</u> ucacag.....	86	0	H71
.....cuuggcacugggagaa <u>u</u> ucacaU.....	2	1	H71
.....cuuggcacugggagaa <u>u</u> ucacagÅ.....	1	1	H71
.....cuuggcacugggagaa <u>u</u> ucacagU.....	2	1	H71
.....cgugaauuuccugaugccu <u>c</u> .....	4	0	H71
.....cgugaauuuccugaugccuU.....	1	1	H71
.....cgugaauuuccugaugccuU.....	1	1	H71
.....cgGgaauuuccugaugccu <u>c</u> a.....	1	1	H71
.....cgugaauuuccugaugccu <u>c</u> a.....	6	0	H71
.....cgugaauuuccugaugccuUa.....	23	1	H71
.....cguUaa <u>u</u> uuccugaugccu <u>c</u> a.....	1	1	H71
.....cgugaauuuccugaugccuUa.....	1	1	H71
.....cgugaauuuccugaugccuUag.....	47	1	H71
.....cgugaauuuccugaugccu <u>c</u> ag.....	1	0	H71
.....cgugaauuuccugaugccu <u>c</u> agc.....	1	0	H71
.....cgugaauuuccugaugccuUagc.....	20	1	H71
.....cgugaauuuccugaugccuUagcu.....	2	1	H71
.....cgugaauuuccugaugccu <u>c</u> agcÅ.....	1	1	H71
.....gugaauuuccugaugccuU.....	3	1	H71
.....gugaauuuccugaugccuUa.....	4	1	H71
.....gugaauuuccugaugccuG <u>a</u> .....	1	1	H71
.....gugaauuuccugaugccuUag.....	6	1	H71
.....gugaauuuccugaugccu <u>c</u> agc.....	1	0	H71
.....gugaauuuccugaugccuUagc.....	28	1	H71
.....gugaauuuccugaugccu <u>c</u> agcÅ.....	1	1	H71
.....gugaauuuccugaugccuUagcu.....	3	1	H71
.....gugaauuuccugaugccu <u>c</u> agcÅc.....	1	1	H71
.....ugaauuuccugaugccuUag.....	1	1	H71
.....ugaauuuccugaugccuUagc.....	7	1	H71
.....ugaauuuccugaugccuUagcu.....	13	1	H71
.....cuuggcacugggagaa <u>u</u> ucac.....	4	0	E13
.....cuuggcacugggagaa <u>u</u> ucaca.....	14	0	E13
.....cuuggcacuggUaga <u>u</u> uucacag.....	1	1	E13
.....cuuggcacugggagaa <u>u</u> ucacag.....	37	0	E13
.....cgugaauuuccugaugccuU.....	1	1	E13
.....cgugaauuuccugaugccuUa.....	5	1	E13
.....cgugaauuuccugaugccu <u>c</u> a.....	1	0	E13
.....cgugaauuuccugaugccuUag.....	25	1	E13
.....cgugaauuuccugaugccuUagc.....	2	1	E13
.....cgugaauuuccugaugccuUagcu.....	1	1	E13
.....gugaauuuccugaugccuU.....	2	1	E13
.....gugaauuuccugaugccu <u>c</u> a.....	1	0	E13
.....gugaauuuccugaugccuUa.....	2	1	E13
.....gugaauuuccugaugccuUag.....	3	1	E13
.....gugaauuuccugaugccu <u>c</u> agc.....	5	0	E13
.....gugaauuuccugaugccuUagc.....	24	1	E13
.....gugaauuuccugaugccuUagcu.....	4	1	E13
.....ugaauuuccugaugccu <u>c</u> agc.....	1	0	E13
.....gaauuuccugaugccuUagcu.....	1	1	E13
.....cuuggcacugggagaa <u>u</u> ucacag.....	1	0	B11
.....cgugaauuuccugaugccu <u>c</u> agc.....	1	0	B11
.....cuuggcacugggagaa <u>u</u> uca.....	2	0	E01
.....cuuggcacugggagaa <u>u</u> ucac.....	4	0	E01
.....cuuggcacugggagaa <u>u</u> ucaca.....	4	0	E01
.....cuuggcacugggagaa <u>u</u> ucacag.....	12	0	E01
.....cacugggagaa <u>u</u> ucacag.....	1	0	E01
.....cgugaauuuccugaugccu <u>c</u> a.....	1	0	E01
.....cgugaauuuccugaugccuUa.....	1	1	E01

# Mature

# Star

uaucaaggacuaacguugggc <u>cuuggcacugggagaa</u> uucacag <u>gaguuauauuaccc</u> gugaauuuccugaugccucagcucaauguaguccggaacaacgaagacugaagaua			
.....gugaauuuccugaugccucagC.....	6	0	E01
.....cuuggcacugggagaa <u>uucac</u> .....	1	0	A11
.....cuuggcacugggagaa <u>uucaca</u> .....	1	0	A11
.....cuuggcacugggagaa <u>uucac</u> .....	1	0	A01
.....cuuggcacugggagaa <u>uucaca</u> .....	1	0	A01
.....cuuggcacugggagaa <u>uucacag</u> .....	5	0	A01
.....cgugaauuuccugaugccu <u>Ua</u> .....	2	1	A01
.....cgugaauuuccugaugccu <u>Uag</u> .....	2	1	A01
.....gugaauuuccugaugccu <u>Uagc</u> .....	3	1	A01
.....gugaauuuccugaugccu <u>Uagcu</u> .....	1	1	A01
.....cuuggcacugggagaa <u>uu</u> .....	1	0	A44
.....cuuggcacugggagaa <u>uucac</u> .....	1	0	A44
.....cuuggcacugggagaa <u>uucaca</u> .....	1	0	A44
.....cuuggcacugggagaa <u>uucacag</u> .....	1	0	A44