



Mature

Star

aaggaagcuucuggagauccugcuccgucgc	cccaguguucagacuaccguuc	aggacaaugccguugu	acaguagucugcacaugguu	agaCugggcaagggagagca			
.....	.....	.....	.....	.....	14	1	Z2_
.....	.....	.....	.....	.....	3	0	Z2_
.....	.....	.....	.....	.....	2	1	Z2_
.....	.....	.....	.....	.....	2	0	Z2_
.....	.....	.....	.....	.....	1	1	Z2_
.....	.....	.....	.....	.....	1	1	Z2_
.....	.....	.....	.....	.....	1	1	Z2_
.....	.....	.....	.....	.....	1	1	Z2_
.....	.....	.....	.....	.....	1	1	Z2_
.....	.....	.....	.....	.....	1	1	Z2_
.....	.....	.....	.....	.....	120	0	Z2_
.....	.....	.....	.....	.....	2	1	Z2_
.....	.....	.....	.....	.....	2	1	Z2_
.....	.....	.....	.....	.....	2	1	Z2_
.....	.....	.....	.....	.....	12	1	Z2_
.....	.....	.....	.....	.....	1	1	Z2_
.....	.....	.....	.....	.....	9	1	Z2_
.....	.....	.....	.....	.....	2	1	Z2_
.....	.....	.....	.....	.....	1	1	Z2_
.....	.....	.....	.....	.....	1	1	Z2_
.....	.....	.....	.....	.....	91	0	Z2_
.....	.....	.....	.....	.....	3	1	Z2_
.....	.....	.....	.....	.....	54	1	Z2_
.....	.....	.....	.....	.....	2	1	Z2_
.....	.....	.....	.....	.....	2	1	Z2_
.....	.....	.....	.....	.....	2	1	Z2_
.....	.....	.....	.....	.....	1	1	Z2_
.....	.....	.....	.....	.....	1	1	Z2_
.....	.....	.....	.....	.....	3	0	Z2_
.....	.....	.....	.....	.....	9	0	Z2_
.....	.....	.....	.....	.....	1	1	Z2_
.....	.....	.....	.....	.....	2	0	Z1_
.....	.....	.....	.....	.....	2	0	Z1_
.....	.....	.....	.....	.....	1	1	Z1_
.....	.....	.....	.....	.....	45	0	Z1_
.....	.....	.....	.....	.....	1	1	Z1_
.....	.....	.....	.....	.....	3	1	Z1_
.....	.....	.....	.....	.....	1	1	Z1_
.....	.....	.....	.....	.....	169	0	Z1_
.....	.....	.....	.....	.....	1	1	Z1_
.....	.....	.....	.....	.....	15	1	Z1_
.....	.....	.....	.....	.....	1	1	Z1_
.....	.....	.....	.....	.....	1	1	Z1_
.....	.....	.....	.....	.....	1	1	Z1_
.....	.....	.....	.....	.....	5	1	Z1_
.....	.....	.....	.....	.....	2	1	Z1_
.....	.....	.....	.....	.....	4	1	Z1_
.....	.....	.....	.....	.....	1	1	Z1_
.....	.....	.....	.....	.....	10	1	Z1_
.....	.....	.....	.....	.....	3	1	Z1_
.....	.....	.....	.....	.....	1	0	Z1_
.....	.....	.....	.....	.....	2	0	Z1_
.....	.....	.....	.....	.....	1	0	Z1_
.....	.....	.....	.....	.....	1	1	Z1_
.....	.....	.....	.....	.....	1	1	Z1_
.....	.....	.....	.....	.....	11	0	Z1_
.....	.....	.....	.....	.....	10	1	Z1_
.....	.....	.....	.....	.....	2	1	Z1_
.....	.....	.....	.....	.....	64	0	Z1_
.....	.....	.....	.....	.....	2	1	Z1_
.....	.....	.....	.....	.....	9	0	Z1_
.....	.....	.....	.....	.....	1	1	Z1_
.....	.....	.....	.....	.....	1	1	Z1_
.....	.....	.....	.....	.....	22	1	Z1_
.....	.....	.....	.....	.....	2	0	Z1_
.....	.....	.....	.....	.....	1	1	Z1_
.....	.....	.....	.....	.....	4	1	Z1_
.....	.....	.....	.....	.....	1	1	Z1_

Mature

Star

aaggaagcuucuggagauccugcuccgucgc	cccaguguucagacuaccguucaggacaaugccguugua	caguagucugcacaauugguu	agacugggcaagggagagca		
.....	.....	acaguagucugcacaauuggu	.....	7	1
.....	.....	acaguagucUcacaauugguu	.....	2	1
.....	.....	acagCagucugcacaauugguu	.....	2	1
.....	.....	acaguagucugcacaGugguu	.....	1	1
.....	.....	acaguagucugcaUauugguu	.....	2	1
.....	.....	acaguagucugcacaUAguu	.....	1	1
.....	.....	acaguagucugcacaauugguu	.....	168	0
.....	.....	acGguagucugcacaauugguu	.....	1	1
.....	.....	acaguagucugcGcauugguu	.....	4	1
.....	.....	acaguaAucugcacaauugguu	.....	4	1
.....	.....	Ucaguagucugcacaauuggua	.....	1	1
.....	.....	acaguagucugcacaauuggu	.....	3	1
.....	.....	acaguagucugcacaUAgua	.....	1	1
.....	.....	acaguagucugcacaauuggua	.....	114	0
.....	.....	acaguagucugcacaUgAua	.....	1	1
.....	.....	acaguagucugcacaauugguU	.....	42	1
.....	.....	Gcaguagucugcacaauuggua	.....	1	1
.....	.....	acaguagucugcaUauuggua	.....	1	1
.....	.....	acaguagucugcacaauugguaA	.....	3	1
.....	.....	acaguagucugcacaauugguaU	.....	2	1
.....	.....	acaguagucugcacaauugguaAa	.....	1	1
.....	.....	acaguagucugcacaauugguaUa	.....	4	1
.....	.....	caguagucugcacauggu	.....	2	0
.....	.....	caguagucugcacauggu	.....	1	1
.....	.....	caguagucugcacauggu	.....	5	0
.....	.....	caguagucugcacauggua	.....	12	0
.....	.....	caguagucugcacauggu	.....	1	1
.....	.....	caguagucugcacaugguU	.....	4	1
.....	.....	caguagucugcacaugguaA	.....	1	1
.....	.....	cccaguguucagacuaccA	.....	1	1
.....	.....	cccaguguucagacuaccu	.....	2	0
.....	.....	cccGguguucagacuaccgu	.....	1	1
.....	.....	cccaguguucagacuaccgu	.....	10	0
.....	.....	cccaguguucagacuaccgu	.....	10	0
.....	.....	cccagugCucagacuaccgu	.....	2	1
.....	.....	cccaguguucagacuaccgu	.....	10	0
.....	.....	cccaguguucagacuaccguu	.....	47	0
.....	.....	cccagCguucagacuaccguu	.....	1	1
.....	.....	cccaguguucagacuaccguu	.....	47	0
.....	.....	cccaguguucagacuaccGgu	.....	1	1
.....	.....	cccaguguucagacuaccguu	.....	47	0
.....	.....	cccaguguucagacuaccgGu	.....	1	1
.....	.....	cccaguguucagacuaccguA	.....	3	1
.....	.....	cccaguguucagacuaccguC	.....	6	1
.....	.....	cccaguguucagacuaccguC	.....	6	1
.....	.....	cccaguguucagacuaccguC	.....	6	1
.....	.....	cccaguguucagacuaccguC	.....	6	1
.....	.....	cccaguguucagacuaccguC	.....	1	1
.....	.....	Uccaguguucagacuaccguu	.....	2	1
.....	.....	cccaguguucGgacuaccguu	.....	2	1
.....	.....	cccaguguucagacuaccgCuc	.....	1	1
.....	.....	cccaguguucagacuaccguuG	.....	2	1
.....	.....	cccaguguucagacuaccguuG	.....	2	1
.....	.....	cccaguguucagacuaccguCC	.....	1	1
.....	.....	cccaguguucagacuaccguuA	.....	9	1
.....	.....	cccaguguucagacuaccguuA	.....	9	1
.....	.....	cccGguguucagacuaccguu	.....	1	1
.....	.....	cccaguguucGgacuaccguu	.....	2	1
.....	.....	cccaguguucagacuaccguu	.....	270	0
.....	.....	cccaguguuUagacuaccguu	.....	6	1
.....	.....	cccaguguucagacuaccGgu	.....	1	1
.....	.....	cccaguguuUagacuaccguu	.....	6	1
.....	.....	cccaguguucagacuaccguu	.....	270	0
.....	.....	cccaguguucagacuaccguu	.....	270	0
.....	.....	cccaguguucagacCaccguu	.....	1	1
.....	.....	cccaguguucagacuaccgGu	.....	1	1
.....	.....	cccaguguucagacuaccguuU	.....	20	1
.....	.....	cccaguguucagacuaccguuU	.....	20	1
.....	.....	cccaguguucagacuaccguuU	.....	20	1
.....	.....	cccaguguucagGcuaccguu	.....	1	1

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Star

aaggaagcuucuggagauccugcuccgucgcccaguguucagacuaaccuguucaggcaaugccguuguacagugucugcacaauugguuagacugggcaagggagagca

.....ccaguguucagacuaaccuguuA.....	9	1	GDM
.....ccaguguuUagacuaccuguuc.....	6	1	GDM
.....cccaguguucagacuaccuguucG.....	4	1	GDM
.....ccaguguucagacuaccuguucU.....	30	1	GDM
.....cccaguguucagacuaccuguucU.....	30	1	GDM
.....cccaguguucagacuaccuguucG.....	4	1	GDM
.....ccaguguucagacuaccuguuca.....	12	0	GDM
.....cccaguguucagacuaccuguucC.....	2	1	GDM
.....cccaguguucagacuaccuguuca.....	12	0	GDM
.....ccaguguucagacuaccuguucU.....	30	1	GDM
.....ccaguguucagacuaccuguuc.....	3	0	GDM
.....ccaguguucagacuaccuguuc.....	3	0	GDM
.....Gcaguguucagacuaccuguuc.....	1	1	GDM
.....aguguucagacuaccuguuc.....	1	0	GDM
.....uacaguagucugcacaauuggu.....	1	0	GDM
.....Aacaguagucugcacaauuggu.....	2	1	GDM
.....uacaguagucugcacaauuggu.....	31	0	GDM
.....uacaguagucugcacaauuggu.....	31	0	GDM
.....uacaguagucugcacUuuggu.....	2	1	GDM
.....uacaguagucugcacaauuggC.....	2	1	GDM
.....uacaguagucugcacaauuggu.....	31	0	GDM
.....uacaguagucugcacaauugguu.....	134	0	GDM
.....uacaguagucugcacaauUguu.....	1	1	GDM
.....uacaguagucugcacaauugguC.....	9	1	GDM
.....Aacaguagucugcacaauuggu.....	4	1	GDM
.....uacaguagucugcacaauugguA.....	10	1	GDM
.....uacaguagucugcacaGugguu.....	1	1	GDM
.....Cacaguagucugcacaauugguu.....	1	1	GDM
.....uacaguGgucugcacaauugguu.....	1	1	GDM
.....uacGguagucugcacaauugguu.....	1	1	GDM
.....uacaguagucugcacaauuggCu.....	2	1	GDM
.....uacaguagucugcacaCgguu.....	1	1	GDM
.....uacaguagucugcacaauugguC.....	9	1	GDM
.....uacaguagucugcacaauugguu.....	134	0	GDM
.....uGcaguagucugcacaauugguu.....	1	1	GDM
.....uacaguagucugcacaauugguu.....	134	0	GDM
.....uacaguagucugcacaauugguC.....	9	1	GDM
.....uacaguagucugcacaauugguA.....	10	1	GDM
.....uacaguagucugcacaauugguuU.....	36	1	GDM
.....uacaguagucugcacaauugguC.....	7	1	GDM
.....uacaguagucugcacaauAguua.....	1	1	GDM
.....uacaguagucugcacaauugguua.....	23	0	GDM
.....uacaguagucugcacaauugguua.....	23	0	GDM
.....uacaguagucugcacaauugguuU.....	36	1	GDM
.....uacaguagucugcacaauugguuC.....	7	1	GDM
.....Cacaguagucugcacaauugguua.....	3	1	GDM
.....uacaguagucugcacaauugguuU.....	36	1	GDM
.....uacaguagucugcacaauugguua.....	23	0	GDM
.....uacaguagucugcacaauugguuaU.....	2	1	GDM
.....uacaguagucugcacaauugguuUg.....	2	1	GDM
.....uacaguagucugcacaauugguuaU.....	2	1	GDM
.....uacaguagucugcacaauugguuagU.....	1	1	GDM
.....acaguagucugcacaauuggu.....	19	0	GDM
.....acGguagucugcacaauuggu.....	1	1	GDM
.....acaguagucugcacaauuggu.....	19	0	GDM
.....acaguagucugcacaauuggu.....	19	0	GDM
.....acaguagucugcacaauuggA.....	2	1	GDM
.....acaguagucugcacaauugguA.....	10	1	GDM
.....acaguagucugcGcauugguu.....	4	1	GDM
.....acaguagucugcGcauugguu.....	4	1	GDM
.....acaguagucugcacaauAguu.....	2	1	GDM
.....acaguagucGgcacaauugguu.....	2	1	GDM
.....acaguagucugcacaauugguC.....	35	1	GDM
.....acaguagucugcacaCugguu.....	1	1	GDM
.....acaguagucugcacaauugguC.....	35	1	GDM
.....acaguagucugcacaauuggGu.....	3	1	GDM
.....acaguagCcugcacaauugguu.....	5	1	GDM
.....acaguagucugcacaauugguG.....	1	1	GDM
.....acaguagucugcacaauuggGu.....	3	1	GDM
.....acaguagucugcacaauugguC.....	35	1	GDM

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Star

aaggaagcuucuggagauccugcuccgucgc<sup>c</sup>ccaguguu<sup>c</sup>cagacua<sup>acc</sup>uguu<sup>c</sup>aggca<sup>aa</sup>ugccgu<sup>u</sup>guc<sup>a</sup>cagu<sup>ag</sup>cug<sup>c</sup>caca<sup>u</sup>ugguu<sup>aga</sup>cugggcaagggagagca

.....acaguagucugcaca <u>u</u> gguu.....	348	0	GDM
.....acaguagucugcaca <u>u</u> ggAuu.....	5	1	GDM
.....acaguagucugcaca <u>u</u> gguu.....	348	0	GDM
.....acaguagucugcac <u>u</u> gguu.....	1	1	GDM
.....acaguagucugca <u>u</u> gguu.....	2	1	GDM
.....acaguagucCgca <u>u</u> gguu.....	2	1	GDM
.....acagCagucugcaca <u>u</u> gguu.....	7	1	GDM
.....acaguGgucugcaca <u>u</u> gguu.....	1	1	GDM
.....acaguaUucugcaca <u>u</u> gguu.....	1	1	GDM
.....acaNuagucugcaca <u>u</u> gguu.....	1	1	GDM
.....acGguagucugcaca <u>u</u> gguu.....	1	1	GDM
.....acagCagucugcaca <u>u</u> gguu.....	7	1	GDM
.....acaguagCcugcaca <u>u</u> gguu.....	5	1	GDM
.....acaguagucugcaca <u>u</u> ggAuu.....	7	1	GDM
.....acaguagucugcaca <u>u</u> Aguu.....	2	1	GDM
.....acaguagucugca <u>u</u> gguu.....	2	1	GDM
.....Gcaguagucugcaca <u>u</u> gguu.....	1	1	GDM
.....acaguagucua <u>u</u> gguu.....	1	1	GDM
.....acaguagucugcaca <u>u</u> gguu.....	348	0	GDM
.....acaguagucugcaca <u>u</u> gguaA.....	10	1	GDM
.....acaguagucugcaca <u>u</u> gguuA.....	1	1	GDM
.....acaguagucugcac <u>u</u> gguaa.....	1	1	GDM
.....acaguagucugcaca <u>u</u> gguuU.....	151	1	GDM
.....acaguagucugcaca <u>u</u> gguuC.....	10	1	GDM
.....acaguagucugcaca <u>u</u> gguaa.....	209	0	GDM
.....acaguagucugcaca <u>u</u> gguuU.....	151	1	GDM
.....acaguagucugcCca <u>u</u> gguaa.....	1	1	GDM
.....Gcaguagucugcaca <u>u</u> gguaa.....	2	1	GDM
.....acaguaUucugcaca <u>u</u> gguaa.....	1	1	GDM
.....acaguagucugcaca <u>u</u> gguaa.....	209	0	GDM
.....acaguagucugcaca <u>u</u> gguuC.....	10	1	GDM
.....acaguaAucugcaca <u>u</u> gguaa.....	1	1	GDM
.....acaguagucugcaca <u>u</u> gguuU.....	151	1	GDM
.....Gcaguagucugcaca <u>u</u> gguaa.....	2	1	GDM
.....acaguagucCgcaca <u>u</u> gguaa.....	1	1	GDM
.....acaguagucugcaca <u>u</u> gguuC.....	10	1	GDM
.....acaguagucugcaca <u>u</u> ggCua.....	2	1	GDM
.....acaguagucugcaca <u>u</u> gguaa.....	209	0	GDM
.....aUaguagucugcaca <u>u</u> gguaa.....	1	1	GDM
.....acGguagucugcaca <u>u</u> gguaa.....	1	1	GDM
.....acaguagucugcaca <u>u</u> gguaA.....	1	1	GDM
.....acaguagucugcaca <u>u</u> Aguaa.....	1	1	GDM
.....acaguagucugcaca <u>u</u> gguaaU.....	3	1	GDM
.....acaguagucugcaca <u>u</u> gguaaA.....	20	1	GDM
.....acaguagucugcaca <u>u</u> gguaaA.....	20	1	GDM
.....acaguagucugcaca <u>u</u> gguaaA.....	20	1	GDM
.....acaguagucugcaca <u>u</u> gguaaU.....	3	1	GDM
.....acaguagucugcaca <u>u</u> gguaagU.....	2	1	GDM
.....acaguagucugcaca <u>u</u> gguaaga.....	3	0	GDM
.....acaguagCcugcaca <u>u</u> gguaaga.....	1	1	GDM
.....caguagucugcaca <u>u</u> gguu.....	4	0	GDM
.....caguagucugcaca <u>u</u> ggC.....	1	1	GDM
.....caguagucugcaca <u>u</u> gguu.....	4	0	GDM
.....caguagucugcaca <u>u</u> gguu.....	4	0	GDM
.....caguagucugcaca <u>u</u> gguu.....	31	0	GDM
.....caguagucugcaca <u>u</u> gguu.....	31	0	GDM
.....caguagucugcUca <u>u</u> gguu.....	1	1	GDM
.....caguagucugcaca <u>u</u> gguuC.....	3	1	GDM
.....caguagucugcaca <u>u</u> gguu.....	31	0	GDM
.....caguagucugcaca <u>u</u> gguaA.....	1	1	GDM
.....caguagucugcaca <u>u</u> gguuC.....	3	1	GDM
.....caguagucugcaca <u>u</u> Cgguu.....	1	1	GDM
.....caguagucugcaca <u>u</u> gguaa.....	29	0	GDM
.....caguagucugcaca <u>u</u> gguuU.....	7	1	GDM
.....caguagucugcaca <u>u</u> gguuU.....	7	1	GDM
.....caguagucugcaca <u>u</u> gguaa.....	29	0	GDM
.....caguagucugcaca <u>u</u> gguaa.....	29	0	GDM
.....caguagucugcaca <u>u</u> gguuU.....	7	1	GDM
.....caguagucugcaca <u>u</u> gguaaU.....	4	1	GDM
.....caguagucugcaca <u>u</u> gguaaA.....	1	1	GDM

Mature

Star

Sequence	Count	Score	Label
aaggaagcuucuggagauccugcuccgucgc <span style="color: red;">ccc</span> aguguucagacuaccugu <span style="color: red;">c</span> ccaguguucagacuaccugu <span style="color: red;">c</span> aggcaaugccguugua <span style="color: red;">c</span> aguagucugcaca <u>ugguu<span style="color: red;">a</span>gacugggcaagggagagca</u>	1	0	GDM
.....aguagucugcaca <u>ugguu.....</u>	1	0	
.....ccaguguucagacuaccugu.....	1	0	Z3_
.....ccca <u>A</u> guucagacuaccugu.....	1	1	Z3_
.....ccaguguucagacuaccugu.....	17	0	Z3_
.....ccaguguucagacuaccuguC.....	2	1	Z3_
.....ccaguguucagacuaccuguu.....	40	0	Z3_
.....ccaguguucagacuaccuguuU.....	7	1	Z3_
.....ccaguguu <u>T</u> agacuaccuguu.....	3	1	Z3_
.....ccaguguucagacuaccuguuA.....	2	1	Z3_
.....ccaguguucagacuaccuguuC.....	1	1	Z3_
.....uacaguagucugcaca <u>uggC.....</u>	3	1	Z3_
.....uacaguagucugcaca <u>ugguu.....</u>	28	0	Z3_
.....uacaguagucugcaca <u>uggua.....</u>	1	1	Z3_
.....uacaguagucugcaca <u>ugguC.....</u>	5	1	Z3_
.....uacaguagucugcaca <u>uggCu.....</u>	2	1	Z3_
.....uacaguagucugcaca <u>ugguuC.....</u>	2	1	Z3_
.....uacaguagucugcaca <u>ugguuA.....</u>	3	0	Z3_
.....uacaguagucugcaca <u>ugguuU.....</u>	12	1	Z3_
.....uacaguagucugcaca <u>ugguuag.....</u>	2	0	Z3_
.....acaguagucugcaca <u>ugguu.....</u>	2	0	Z3_
.....acagu <u>G</u> ucugcaca <u>ugguu.....</u>	1	1	Z3_
.....acaguagucugcaca <u>uggua.....</u>	1	1	Z3_
.....acaguagucugcaca <u>ugguu.....</u>	73	0	Z3_
.....acaguagucugcaca <u>uggC.....</u>	1	1	Z3_
.....acaguagucugcaca <u>ugguu.....</u>	1	1	Z3_
.....acGguagucugcaca <u>ugguu.....</u>	1	1	Z3_
.....acaguagucugcaca <u>ugguC.....</u>	6	1	Z3_
.....acaguagucugcaca <u>ugguuU.....</u>	29	1	Z3_
.....acaguagucugcaca <u>ugguuC.....</u>	1	1	Z3_
.....acaguagucugcaca <u>uggCua.....</u>	1	1	Z3_
.....acaguagucugcGca <u>ugguuA.....</u>	1	1	Z3_
.....acaguagucugcaca <u>ugguuA.....</u>	31	0	Z3_
.....acaguagucugcaca <u>ugguuAC.....</u>	2	1	Z3_
.....acaguagucugcaca <u>ugguuAA.....</u>	2	1	Z3_
.....acaguagucugcaca <u>ugguuAU.....</u>	4	1	Z3_
.....caguagucugcaca <u>ugguu.....</u>	2	0	Z3_
.....caguagu <u>T</u> ugcaca <u>ugguu.....</u>	1	1	Z3_
.....caguagucugcaca <u>ugguu.....</u>	1	0	Z3_
.....caguagucugcaca <u>ugguuA.....</u>	1	0	Z3_
.....caguagucugcaca <u>ugguuC.....</u>	4	1	Z3_