

Mature

Star

uucauugcuuguaacuuuc**caaagaaucuccuuuugggcuuucugguuuuuuuuuagcc**caaaggugaauuuuugggaaguugagcuaaauccucaacccaaaa

..... caaagaa <u>uccu</u> A <u>cuuuu</u> ggg.....	1	1	Z3_
..... cCaagaa <u>uccu</u> C <u>uuuu</u> ggg.....	1	1	Z3_
..... caaagaa <u>uccc</u> C <u>uuu</u> ggg.....	34	1	Z3_
..... caaagaa <u>uu</u> A <u>uccuuu</u> ggg.....	4	1	Z3_
..... caGaga <u>auuc</u> c <u>uuuu</u> ggg.....	22	1	Z3_
..... caaagaa <u>uc</u> C <u>uuuu</u> ggg.....	22	1	Z3_
..... Uaaagaa <u>uccu</u> C <u>uuuu</u> ggg.....	20	1	Z3_
..... caaagaa <u>uccu</u> C <u>uu</u> A <u>uggg</u>	6	1	Z3_
..... caaagaa <u>uc</u> C <u>uuuu</u> ggg.....	3	1	Z3_
..... cNaagaa <u>uccu</u> C <u>uuuu</u> ggg.....	1	1	Z3_
..... caaagaa <u>uccu</u> C <u>uuu</u> A <u>gg</u>	6	1	Z3_
..... caaagaa <u>uccc</u> G <u>uuu</u> ggg.....	2	1	Z3_
..... caaagaa <u>uccu</u> C <u>uuu</u> gA.....	5	1	Z3_
..... caaagaa <u>uccu</u> C <u>uuu</u> ggA.....	207	1	Z3_
..... caaagaa <u>uc</u> A <u>ccuuu</u> ggg.....	4	1	Z3_
..... caaagaa <u>uccu</u> C <u>uuu</u> ggU.....	49	1	Z3_
..... caaaCaa <u>uccu</u> C <u>uuuu</u> ggg.....	1	1	Z3_
..... caaagaaC <u>uccu</u> C <u>uuuu</u> ggg.....	14	1	Z3_
..... caaagaa <u>uccu</u> C <u>u</u> ggg.....	4	1	Z3_
..... cUaagaa <u>uccu</u> C <u>uuuu</u> ggg.....	4	1	Z3_
..... caaGgaa <u>uccu</u> C <u>uuuu</u> ggg.....	15	1	Z3_
..... caaagaa <u>uccc</u> A <u>uu</u> ggg.....	4	1	Z3_
..... caaagaa <u>uccu</u> C <u>uuu</u> gCg.....	1	1	Z3_
..... Aaaagaa <u>uccu</u> C <u>uuuu</u> ggg.....	5	1	Z3_
..... caaagaG <u>uccu</u> C <u>uuuu</u> ggg.....	14	1	Z3_
..... caaagaaG <u>uccu</u> C <u>uuuu</u> ggg.....	1	1	Z3_
..... caaagaa <u>uc</u> A <u>ccuuu</u> ggg.....	3	1	Z3_
..... caaagaa <u>uc</u> A <u>ccuuu</u> gggc.....	1	1	Z3_
..... caaagaa <u>uccu</u> C <u>uuu</u> gggA.....	79	1	Z3_
..... caaagaa <u>uccu</u> C <u>uuu</u> Cgggc.....	2	1	Z3_
..... caCaga <u>auuc</u> c <u>uuuu</u> gggc.....	1	1	Z3_
..... cGaaaga <u>auuc</u> c <u>uuuu</u> gggc.....	1	1	Z3_
..... caaagaa <u>uccc</u> C <u>uuu</u> gggc.....	6	1	Z3_
..... caaagaa <u>C</u> c <u>uuuu</u> gggc.....	2	1	Z3_
..... caaagaa <u>uccu</u> C <u>uuu</u> gggc.....	194	0	Z3_
..... Uaaagaa <u>uccu</u> C <u>uuuu</u> gggc.....	1	1	Z3_
..... caaagaa <u>uccu</u> C <u>uuu</u> gggG.....	2	1	Z3_
..... caaagaa <u>ucc</u> A <u>ccuuu</u> gggc.....	1	1	Z3_
..... caaagaa <u>ucc</u> C <u>uuuu</u> gggc.....	1	1	Z3_
..... caaagaa <u>ucc</u> U <u>uuu</u> gggc.....	1	1	Z3_
..... caaagaa <u>ucc</u> N <u>ccuuu</u> gggc.....	1	1	Z3_
..... caaagaa <u>uccu</u> C <u>uuuu</u> gggU.....	53	1	Z3_
..... caaagaa <u>uccu</u> C <u>uuu</u> A <u>ggc</u>	1	1	Z3_
..... caaagaa <u>uccu</u> C <u>uuu</u> Cgggc.....	1	1	Z3_
..... caaagaa <u>ucc</u> U <u>uuu</u> gggc.....	2	1	Z3_
..... caGaga <u>auuc</u> c <u>uuuu</u> gggc.....	2	1	Z3_
..... caaagaa <u>uccu</u> C <u>uuu</u> gggUu.....	1	1	Z3_
..... caCaga <u>auuc</u> c <u>uuuu</u> gggc.....	2	1	Z3_
..... caaagaa <u>C</u> c <u>uuuu</u> gggc.....	5	1	Z3_
..... cGaaaga <u>auuc</u> c <u>uuuu</u> gggc.....	2	1	Z3_
..... caaagaa <u>uccu</u> C <u>uuuu</u> gggcG.....	2	1	Z3_
..... Naaagaa <u>uccu</u> C <u>uuuu</u> gggc.....	1	1	Z3_
..... caaagaa <u>uccu</u> C <u>uuu</u> gggc.....	508	0	Z3_
..... caaagGaa <u>uccu</u> C <u>uuuu</u> gggc.....	3	1	Z3_
..... caaagaa <u>uccu</u> C <u>uuu</u> gggA.....	36	1	Z3_
..... caaagaa <u>uc</u> A <u>ccuuu</u> gggc.....	1	1	Z3_
..... caaagaa <u>ucc</u> C <u>uuuu</u> gggc.....	7	1	Z3_
..... caaagaa <u>uccu</u> C <u>uuu</u> ggA <u>c</u>	1	1	Z3_
..... caaagaa <u>uccc</u> C <u>uuu</u> gggc.....	3	1	Z3_
..... caaGgaa <u>uccu</u> C <u>uuuu</u> gggc.....	4	1	Z3_
..... caaagaG <u>uccu</u> C <u>uuuu</u> gggc.....	4	1	Z3_
..... Uaaagaa <u>uccu</u> C <u>uuuu</u> gggc.....	3	1	Z3_
..... caaaAaa <u>uccu</u> C <u>uuuu</u> gggc.....	2	1	Z3_
..... caaagaa <u>uccu</u> C <u>uuu</u> gggcC.....	44	1	Z3_
..... caaagaaC <u>uccu</u> C <u>uuuu</u> gggc.....	1	1	Z3_
..... caaagaa <u>uccu</u> U <u>uuuu</u> gggc.....	1	1	Z3_
..... caaagaa <u>uccu</u> C <u>uuu</u> A <u>ggg</u> c.....	2	1	Z3_
..... caaagaa <u>uccu</u> C <u>uu</u> gggc.....	4	1	Z3_
..... caaagaa <u>uccu</u> C <u>uuuu</u> gggcuu.....	6	0	Z3_
..... caaagaa <u>uccu</u> C <u>uuuu</u> gggcC.....	1	1	Z3_

Mature

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uucauugcuuguaacuuuc**caaagaauucuccuuuugggcuuucugguuuuuuuuuagcc**caaaggugaauuuuugggaaguugagcuaaauuccucaacccaaaa

..... caaagaauucuccuuuugggc <u>U</u>	1	1	Z3_
..... caaagaauucuccuuuugggc <u>U</u>	5	1	Z3_
..... caaagaauucuccuuuugggc <u>uuu</u>	1	0	Z3_
..... caaagaauucuccuuuugggc <u>uuC</u>	3	1	Z3_
..... caaagaauucuccuuuugggc <u>uuU</u>	3	1	Z3_
..... aaGgaauucuccuuuugg <u>U</u>	1	1	Z3_
..... aaGgaauucuccuuuuggg.....	2	1	Z3_
..... aaagaauucuccuuuuggg.....	16	0	Z3_
..... aaagaauucuccuuuuggC.....	1	1	Z3_
..... aaagGauucuccuuuuggg.....	1	1	Z3_
..... Caagaauucuccuuuuggg.....	2	1	Z3_
..... aaagaauucuccuuuugggc.....	2	0	Z3_
..... aaagaauucuccuuuugggc <u>u</u>	1	0	Z3_
..... Ucaaagaauucuccuuuuggg.....	1	1	GDM
..... caaagaauucuccuuuug.....	1	0	GDM
..... caaagaauucucc <u>uuu</u> g.....	2	1	GDM
..... caaagaauucuccuuuGgg.....	35	1	GDM
..... caaagaauucuccuuuugA.....	9	1	GDM
..... caaagaauAcuccuuuugg.....	1	1	GDM
..... caaagaauCuccuuuugg.....	1	1	GDM
..... caaGgaauucuccuuuugg.....	1	1	GDM
..... caGagaauucuccuuuugg.....	3	1	GDM
..... caaagaauucuccuuuGgg.....	35	1	GDM
..... caGagaauucuccuuuugg.....	3	1	GDM
..... Uaaagaauucuccuuuugg.....	4	1	GDM
..... caaagaauucuccuuuGgg.....	35	1	GDM
..... caaagaaCuccuuuugg.....	2	1	GDM
..... caaagaauucuccuuuugg.....	114	0	GDM
..... caaagaauucuccuuCugg.....	1	1	GDM
..... caaagaauucuccuuuugA.....	9	1	GDM
..... caaagaauucCccuuuugg.....	2	1	GDM
..... caaagaaCuccuuuugg.....	2	1	GDM
..... caaagaauucuccuuuugg.....	114	0	GDM
..... caaagaauucuccuuuugU.....	2	1	GDM
..... caaagaauucuccuuuugg.....	114	0	GDM
..... cUaagaauucuccuuuugg.....	1	1	GDM
..... caaagaauucucc <u>uuu</u> gg.....	3	1	GDM
..... caGagaauucuccuuuugg.....	3	1	GDM
..... caaagaauucuccuuuugU.....	2	1	GDM
..... caaagaauGcuccuuuuggg.....	4	1	GDM
..... caaagaauCuccuuuuggg.....	124	1	GDM
..... caaagaauucuccuuCuggg.....	67	1	GDM
..... caaagaGuucuccuuuuggg.....	104	1	GDM
..... caaagaauucuccuuCuggg.....	67	1	GDM
..... caaagaauucuccuuuUgg.....	19	1	GDM
..... caaagaauuc <u>uu</u> uuggg.....	16	1	GDM
..... cNaagaauucuccuuuuggg.....	8	1	GDM
..... caaagaauucuccuuuugUg.....	12	1	GDM
..... caaagaauucucc <u>uuu</u> ggg.....	201	1	GDM
..... caaagaauucuccuuGuggg.....	5	1	GDM
..... caaUgaauucuccuuuuggg.....	21	1	GDM
..... caaagaauucuccuuuuggA.....	872	1	GDM
..... caGagaauucuccuuuuggg.....	96	1	GDM
..... caaagaauAcuccuuuuggg.....	40	1	GDM
..... caNagaauucuccuuuuggg.....	1	1	GDM
..... caaagaauucuccu <u>uu</u> ggg.....	71	1	GDM
..... caaagaauucuccG <u>uu</u> ggg.....	18	1	GDM
..... caaagaauucuccuuuUgg.....	19	1	GDM
..... caGagaauucuccuuuuggg.....	96	1	GDM
..... caaaCaauucuccuuuuggg.....	1	1	GDM
..... caCagaauucuccuuuuggg.....	5	1	GDM
..... caaagaauucuccuuuuggC.....	135	1	GDM
..... caaagaauucuccuuuCggg.....	64	1	GDM
..... caaagGauucuccuuuuggg.....	85	1	GDM
..... caaagaauCuccuuuuggg.....	124	1	GDM
..... Uaaagaauucuccuuuuggg.....	86	1	GDM
..... caaagaauucucc <u>uuu</u> ggg.....	201	1	GDM
..... Aaaagaauucuccuuuuggg.....	12	1	GDM
..... caaagaauucuccu <u>uu</u> ggg.....	10	1	GDM

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Star

uucauugcuuguaacuuuc	caaagaaucuccuuuuggg	cuucugguuuuuuuagc	ccaaaggugaauuuuuggga	aguugagcaaaa	uccuuaaccaaaa			
.....	caaagaaucuccGuuuggg	.....	.....	.....	.....	18	1	GDM
.....	Gaaagaaucuccuuuuggg	.....	.....	.....	.....	3	1	GDM
.....	caaagaaucuccuAuuggg	.....	.....	.....	.....	10	1	GDM
.....	caaagaaucuccuuuuggC	.....	.....	.....	.....	135	1	GDM
.....	Aaaagaaucuccuuuuggg	.....	.....	.....	.....	12	1	GDM
.....	caaagaaucAccuuuuggg	.....	.....	.....	.....	14	1	GDM
.....	caaagaaucuccuuuuggA	.....	.....	.....	.....	872	1	GDM
.....	cGaaagaaucuccuuuuggg	.....	.....	.....	.....	84	1	GDM
.....	caaagaaAucuccuuuuggg	.....	.....	.....	.....	12	1	GDM
.....	caaagaaucucUuuuuggg	.....	.....	.....	.....	15	1	GDM
.....	caaagaaucAccuuuuggg	.....	.....	.....	.....	14	1	GDM
.....	caaagaaucCccuuuuggg	.....	.....	.....	.....	117	1	GDM
.....	caaagaaucuccCuuuuggg	.....	.....	.....	.....	201	1	GDM
.....	caUagaaucuccuuuuggg	.....	.....	.....	.....	9	1	GDM
.....	caaagaaucuccAuuggg	.....	.....	.....	.....	19	1	GDM
.....	cNaagaaucuccuuuuggg	.....	.....	.....	.....	8	1	GDM
.....	caaagaaucuccuuuuAgg	.....	.....	.....	.....	21	1	GDM
.....	Aaaagaaucuccuuuuggg	.....	.....	.....	.....	12	1	GDM
.....	caaagaaucucUuuuuggg	.....	.....	.....	.....	16	1	GDM
.....	caaagaaucNccuuuuggg	.....	.....	.....	.....	1	1	GDM
.....	caaagaaucuccuuuugCg	.....	.....	.....	.....	2	1	GDM
.....	caaagaauuAuccuuuuggg	.....	.....	.....	.....	15	1	GDM
.....	caaGgaaucuccuuuuggg	.....	.....	.....	.....	88	1	GDM
.....	cGaaagaaucuccuuuuggg	.....	.....	.....	.....	84	1	GDM
.....	caaagaaucuccuuuugCgg	.....	.....	.....	.....	64	1	GDM
.....	caaagaaucuccuuuAggg	.....	.....	.....	.....	15	1	GDM
.....	caaagaaucuccuuuugCg	.....	.....	.....	.....	2	1	GDM
.....	caaagaaucuccuuuuggg	.....	.....	.....	.....	124	1	GDM
.....	caaaUaaucuccuuuuggg	.....	.....	.....	.....	4	1	GDM
.....	cUaaagaaucuccuuuuggg	.....	.....	.....	.....	19	1	GDM
.....	caaagaaCucuccuuuuggg	.....	.....	.....	.....	106	1	GDM
.....	caaagaaucuccuuuugAg	.....	.....	.....	.....	18	1	GDM
.....	caaagaaucuccuuuugUg	.....	.....	.....	.....	12	1	GDM
.....	caaagaaCucuccuuuuggg	.....	.....	.....	.....	106	1	GDM
.....	caaGgaaucuccuuuuggg	.....	.....	.....	.....	88	1	GDM
.....	caaagaaucuccAuuggg	.....	.....	.....	.....	19	1	GDM
.....	caaagaGuucuccuuuuggg	.....	.....	.....	.....	104	1	GDM
.....	caaagaaucuccuuuuggg	.....	.....	.....	.....	4	1	GDM
.....	caaaUaaucuccuuuuggg	.....	.....	.....	.....	4	1	GDM
.....	caaagaaucucUuuuuggg	.....	.....	.....	.....	15	1	GDM
.....	caaagaaucCccuuuuggg	.....	.....	.....	.....	117	1	GDM
.....	caaUgaaucuccuuuuggg	.....	.....	.....	.....	21	1	GDM
.....	cUaaagaaucuccuuuuggg	.....	.....	.....	.....	19	1	GDM
.....	caaagaaucucGcuuuggg	.....	.....	.....	.....	2	1	GDM
.....	caaagaaucuccuuCuggg	.....	.....	.....	.....	67	1	GDM
.....	caaagaauuAuccuuuuggg	.....	.....	.....	.....	15	1	GDM
.....	caaagaaucuccuuuuggU	.....	.....	.....	.....	188	1	GDM
.....	caaagaaucuccuGuggg	.....	.....	.....	.....	40	1	GDM
.....	caaagaaucuccuuuugAg	.....	.....	.....	.....	18	1	GDM
.....	caaagaaucuccuuuuggU	.....	.....	.....	.....	188	1	GDM
.....	caaagaauuAuccuuuuggg	.....	.....	.....	.....	15	1	GDM
.....	caaagaaucucAuuuuggg	.....	.....	.....	.....	5	1	GDM
.....	cCaagaaucuccuuuuggg	.....	.....	.....	.....	3	1	GDM
.....	caaagaauuUuccuuuuggg	.....	.....	.....	.....	25	1	GDM
.....	caaagaaucuccuuGuggg	.....	.....	.....	.....	5	1	GDM
.....	caCagaauucuccuuuuggg	.....	.....	.....	.....	5	1	GDM
.....	caaagaaAucuccuuuuggg	.....	.....	.....	.....	12	1	GDM
.....	caaagaaucuccuuuuggg	.....	.....	.....	.....	19133	0	GDM
.....	caaagGauucuccuuuuggg	.....	.....	.....	.....	85	1	GDM
.....	caaagaaucuccuCuuggg	.....	.....	.....	.....	71	1	GDM
.....	caaagaaucuccuuuuggg	.....	.....	.....	.....	19133	0	GDM
.....	caaagaGuucuccuuuuggg	.....	.....	.....	.....	104	1	GDM
.....	caaagaaucucUuuuuggg	.....	.....	.....	.....	15	1	GDM
.....	caaagaaAucuccuuuuggg	.....	.....	.....	.....	12	1	GDM
.....	Uaaagaaucuccuuuuggg	.....	.....	.....	.....	86	1	GDM
.....	caaUgaaucuccuuuuggg	.....	.....	.....	.....	21	1	GDM
.....	caaagaaucucUuuuuggg	.....	.....	.....	.....	16	1	GDM
.....	caaagaaucuccuuAuggg	22	1	GDM
.....	caUagaaucuccuuuuggg	9	1	GDM
.....	cCaagaaucuccuuuuggg	3	1	GDM

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Sequence	Count	Value	Category
uucauugcuuguaacuuuc	135	1	GDM
caaagaauucuccuuuuggc	40	1	GDM
caaagaauucuccuGuuggg	5	1	GDM
caaagUauucuccuuuuggg	7	1	GDM
caaagaauucCccuuuuggg	117	1	GDM
caaagaauucuccuGuuggg	40	1	GDM
cUaagaauucuccuuuuggg	19	1	GDM
caaagaauucuccGuuuggg	18	1	GDM
caaagaauUuccuuuuggg	25	1	GDM
caaNgauucuccuuuuggg	4	1	GDM
caaagaauucuccuuuuggU	188	1	GDM
caaagUauucuccuuuuggg	7	1	GDM
caaagaauucuccuuuUgg	19	1	GDM
caaagGauucuccuuuuggg	85	1	GDM
caaagaauucuccuuuuggA	872	1	GDM
caaagaauucuccuuGggg	14	1	GDM
caaNgauucuccuuuuggg	4	1	GDM
caaagaauAcuccuuuuggg	40	1	GDM
caaagaauucuccuCuuggg	71	1	GDM
caaagaauucuccuuuAgg	21	1	GDM
caaagaauucuccuuAggg	15	1	GDM
caaagCauucuccuuuuggg	2	1	GDM
caaCgaauucuccuuuuggg	1	1	GDM
caaagaauucuccuAuuggg	10	1	GDM
caaagaauucuccuuuUg	12	1	GDM
caaGgaauucuccuuuuggg	88	1	GDM
caaagaauUuccuuuuggg	25	1	GDM
Naaagaauucuccuuuuggg	2	1	GDM
caaagaauucuccAuuggg	19	1	GDM
caaagaaGuccuuuuggg	3	1	GDM
caaagaauucuccuuuuggg	1	1	GDM
Uaaagaauucuccuuuuggg	86	1	GDM
caaagaauucuccuuuuggg	5	1	GDM
caaagaauucuccuuuAgg	21	1	GDM
caaagaauucuccuuGggg	14	1	GDM
caGagaauucuccuuuuggg	96	1	GDM
caaagaauucuccuuuuggg	14	1	GDM
caaagaCuucuccuuuuggg	2	1	GDM
caaagaauucuccuuuAggg	15	1	GDM
caUagaauucuccuuuuggg	9	1	GDM
Gaaagaauucuccuuuuggg	3	1	GDM
caaagaauAcuccuuuuggg	40	1	GDM
caaagaauucuccuuuAg	18	1	GDM
caaagaCuucuccuuuuggg	106	1	GDM
caaagaauucuccuuuCgg	2	1	GDM
caaagaauucuccuuuuggg	5	1	GDM
caaagNauucuccuuuuggg	1	1	GDM
cGagaauucuccuuuuggg	84	1	GDM
caaagaauucuccuAuuggg	22	1	GDM
caaaUaaucuccuuuuggg	4	1	GDM
caaagaauucuccuuuuggg	19133	0	GDM
caaagaauucuccuAuuggg	22	1	GDM
caaagaCuucuccuuuuggg	2	1	GDM
caaagaauucuccuuGggg	14	1	GDM
cNaagaauucuccuuuuggg	8	1	GDM
caaagUauucuccuuuuggg	7	1	GDM
caaagaauucuccuuCggg	64	1	GDM
caaagaauucuccuCuuggc	8	1	GDM
caaagaauucuccCuugggc	22	1	GDM
caCagaauucuccuuuugggc	5	1	GDM
caaagaauucuccuuCgggc	7	1	GDM
caaagaauucuccuuuugggU	148	1	GDM
caUagaauucuccuuuugggc	1	1	GDM
Gaaagaauucuccuuuugggc	2	1	GDM
cNaagaauucuccuuuugggc	1	1	GDM
caaagaauucuccuuuAgc	3	1	GDM
caaagaauucuccCuugggc	22	1	GDM
caaagaauAcuccuuuugggc	1	1	GDM
caaagaauucAccuuuugggc	3	1	GDM
caaagaauucuccuuuuggAc	1	1	GDM

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Star

uucauugcuuguaacuuuc**caaagaaucuccuuuugggc**uuucugguuuuuuuuu**aaagc**caaaggugaauuuuuugggaaguugagcuaaauccucaacccaaaa

..... caaUgaa <u>u</u> uccuuuugggc	1	1	GDM
..... caaagaaCuc <u>u</u> ccuuuugggc	4	1	GDM
..... caaagGau <u>u</u> ccuuuugggc	3	1	GDM
..... caaagaa <u>u</u> ccuuuugggc	852	0	GDM
..... cGaa <u>u</u> ccuuuugggc	5	1	GDM
..... caaagaa <u>u</u> ccuuuUggc	1	1	GDM
..... caGaa <u>u</u> ccuuuugggc	3	1	GDM
..... caGaa <u>u</u> ccuuuugggc	3	1	GDM
..... caaagaa <u>u</u> ccuuuugggG	19	1	GDM
..... caaagaa <u>u</u> ccuCuugggc	5	1	GDM
..... caCaga <u>u</u> ccuuuugggc	5	1	GDM
..... caaagaa <u>u</u> ccuuuUggc	7	1	GDM
..... Uaaagaa <u>u</u> ccuuuugggc	1	1	GDM
..... Aaaagaa <u>u</u> ccuuuugggc	1	1	GDM
..... caCaga <u>u</u> ccuuuugggc	5	1	GDM
..... caaagaa <u>u</u> ccuuuugggA	268	1	GDM
..... caaagaa <u>u</u> ccuuuugggA	268	1	GDM
..... caaagaa <u>u</u> C <u>u</u> ccuuuugggc	6	1	GDM
..... caaagaa <u>u</u> U <u>u</u> ccuuuugggc	2	1	GDM
..... caGaa <u>u</u> ccuuuugggc	3	1	GDM
..... caaagaa <u>u</u> ccuuuugggA	268	1	GDM
..... caaagaaC <u>u</u> ccuuuugggc	4	1	GDM
..... caaagGau <u>u</u> ccuuuugggc	3	1	GDM
..... caaagaa <u>u</u> ccuuuugggc	852	0	GDM
..... caaGaa <u>u</u> ccuuuugggc	4	1	GDM
..... caaagaG <u>u</u> ccuuuugggc	2	1	GDM
..... caaagaa <u>u</u> ccA <u>u</u> ugggc	1	1	GDM
..... caaagaa <u>u</u> ccuuuugggU	148	1	GDM
..... caaagaa <u>u</u> ccuCuugggc	5	1	GDM
..... caaagaa <u>u</u> Acc <u>u</u> ugggc	3	1	GDM
..... caaagaa <u>u</u> C <u>u</u> ccuuuugggc	6	1	GDM
..... caaagaa <u>u</u> cc <u>u</u> ugggc	22	1	GDM
..... caaagaa <u>u</u> ccuuuUgA <u>g</u> c	3	1	GDM
..... caaagaa <u>u</u> C <u>u</u> ccuuuugggc	6	1	GDM
..... caaagaa <u>u</u> C <u>u</u> ccuuuugggc	4	1	GDM
..... cGaa <u>u</u> ccuuuugggc	5	1	GDM
..... caaagaa <u>u</u> ccuuC <u>u</u> gggc	8	1	GDM
..... caaagaa <u>u</u> ccG <u>u</u> ugggc	1	1	GDM
..... caaagaa <u>u</u> ccuuuugggG	19	1	GDM
..... caaagaa <u>u</u> ccuCuugggc	5	1	GDM
..... caaGaa <u>u</u> ccuuuugggc	4	1	GDM
..... caaagaa <u>u</u> C <u>u</u> ccuuuugggc	4	1	GDM
..... caaagaa <u>u</u> ccuuuugggc	852	0	GDM
..... caaagaa <u>u</u> ccuuuUggc	7	1	GDM
..... caaagaa <u>u</u> ccG <u>u</u> ugggc	1	1	GDM
..... caaagaa <u>u</u> ccuuuugggG	19	1	GDM
..... caaGaa <u>u</u> ccuuuugggc	4	1	GDM
..... caaagGau <u>u</u> ccuuuugggc	3	1	GDM
..... caaagaa <u>u</u> ccuuuugggU	148	1	GDM
..... caaagaa <u>u</u> ccuuC <u>u</u> gggc	8	1	GDM
..... caaagaa <u>u</u> ccuuuUgA <u>g</u> c	1	1	GDM
..... caaagaa <u>u</u> ccU <u>u</u> ugggc	3	1	GDM
..... caaagaa <u>u</u> ccuA <u>u</u> ugggc	1	1	GDM
..... caaagaa <u>u</u> ccuuuUg <u>u</u> c	1	1	GDM
..... caaagaa <u>u</u> Acc <u>u</u> ugggc <u>u</u>	2	1	GDM
..... cUaa <u>u</u> ccuuuugggc <u>u</u>	6	1	GDM
..... cGaa <u>u</u> ccuuuugggc <u>u</u>	4	1	GDM
..... caaagaG <u>u</u> ccuuuugggc <u>u</u>	2	1	GDM
..... caGaa <u>u</u> ccuuuugggc <u>u</u>	11	1	GDM
..... caaagaa <u>u</u> ccuuA <u>u</u> gggc <u>u</u>	4	1	GDM
..... caaagaa <u>u</u> ccuG <u>u</u> ugggc <u>u</u>	3	1	GDM
..... caaaCaa <u>u</u> ccuuuugggc <u>u</u>	1	1	GDM
..... caaagaa <u>u</u> ccA <u>u</u> ugggc <u>u</u>	1	1	GDM
..... caaagaa <u>u</u> ccuuC <u>u</u> gggc <u>u</u>	6	1	GDM
..... caaagaa <u>u</u> ccuuuugggcG	11	1	GDM
..... caaagGau <u>u</u> ccuuuugggc <u>u</u>	6	1	GDM
..... caaagaa <u>u</u> ccuuuugggU <u>u</u>	3	1	GDM
..... caaagaa <u>u</u> Acc <u>u</u> ugggc <u>u</u>	2	1	GDM
..... caaagaa <u>u</u> ccuuuUggc <u>u</u>	2	1	GDM
..... caaagaa <u>u</u> C <u>u</u> ccuuuugggc <u>u</u>	13	1	GDM

Mature

Star

uucauugcuuguaacuuuc**caaagaauucuccuuuugggcuuucugguuuuuuuuuagcc**caaaggugaauuuuugggaaguugagcuaaauuccucaacccaaaa

.....cGagaauucuccuuuugggc.....	4	1	GDM
.....caaagaauucuccuuCugggc.....	6	1	GDM
.....caGagaauucuccuuuugggc.....	11	1	GDM
.....caaagUauucuccuuuugggc.....	2	1	GDM
.....caaagaauucuccuCuugggc.....	9	1	GDM
.....caaGagaauucuccuuuugggc.....	12	1	GDM
.....caaagaauucuccuuuugAgcu.....	3	1	GDM
.....caaagaauucuccuuuGgggc.....	3	1	GDM
.....caCagaauucuccuuuugggc.....	3	1	GDM
.....caaagaauucuccuuuugAgcu.....	3	1	GDM
.....caaagaauCucuccuuuugggc.....	14	1	GDM
.....caaagaauucuccuuAggggc.....	3	1	GDM
.....caaagUauucuccuuuugggc.....	2	1	GDM
.....caaagaauucucUuuuugggc.....	3	1	GDM
.....caaagaauucuccuuuuggAcu.....	2	1	GDM
.....caaagaauucuccuuuugggcG.....	11	1	GDM
.....caaagaauucuccuCuugggc.....	9	1	GDM
.....caaagaaAucuccuuuugggc.....	3	1	GDM
.....caaagaaCucuccuuuugggc.....	2	1	GDM
.....caaagaauucuccuuuugggcU.....	1	1	GDM
.....caaagaauucuccuuAggggc.....	4	1	GDM
.....caaagaaAucuccuuuugggc.....	3	1	GDM
.....caaUgaaucuccuuuugggc.....	1	1	GDM
.....caaagaauucuccuuuugggc.....	1630	0	GDM
.....caaagaauGcuccuuuugggc.....	1	1	GDM
.....caaGgaauucuccuuuugggc.....	12	1	GDM
.....caaagaauucuccuuuugggU.....	3	1	GDM
.....Uaaagaauucuccuuuugggc.....	7	1	GDM
.....caGagaauucuccuuuugggc.....	11	1	GDM
.....caaagaauCucuccuuuugggc.....	14	1	GDM
.....caaagaauucuccuuCugggc.....	6	1	GDM
.....caaagaauUuccuuuugggc.....	1	1	GDM
.....caaagaauucuccuuuugggcA.....	87	1	GDM
.....caaagaauucuccuuuAggggc.....	3	1	GDM
.....caaagaauucAuuuugggc.....	2	1	GDM
.....caaagGauucuccuuuugggc.....	6	1	GDM
.....caaaAauucuccuuuugggc.....	1	1	GDM
.....caUgaaauucuccuuuugggc.....	1	1	GDM
.....caaagaauucuccuuuAggcu.....	4	1	GDM
.....caaagaauucuccuuGgggc.....	3	1	GDM
.....caaagaauucuccuuuugggc.....	1630	0	GDM
.....caaagaauucCuccuuuugggc.....	13	1	GDM
.....Uaaagaauucuccuuuugggc.....	7	1	GDM
.....caaagaauucuccuuuugggcG.....	11	1	GDM
.....caaagaauAucuccuuuugggc.....	2	1	GDM
.....cUaagaauucuccuuuugggc.....	6	1	GDM
.....caaagaauucucUuuuugggc.....	3	1	GDM
.....cGagaauucuccuuuugggc.....	4	1	GDM
.....caaagaauucuccuuCgggc.....	3	1	GDM
.....caaagaauuAuccuuuugggc.....	1	1	GDM
.....caaagaauucCuccuuuugggc.....	13	1	GDM
.....caaagaauucuccuuugggc.....	7	1	GDM
.....caaagaauCucuccuuuugggc.....	14	1	GDM
.....caaagaauucuccuCuugggc.....	3	1	GDM
.....caaagaauucuccuuugggc.....	7	1	GDM
.....caaagaauucuccuuuugggcA.....	87	1	GDM
.....caaagaauucuccuuuugggcA.....	87	1	GDM
.....caaagaauucAuuuugggc.....	2	1	GDM
.....caaagaauucuccuuuugggcC.....	127	1	GDM
.....caaagaauucuccuuGgggc.....	3	1	GDM
.....caaagaauucuccuuuugggcC.....	127	1	GDM
.....caaagaauucuccuuuugggc.....	1630	0	GDM
.....caaagaauucUuccuuuugggc.....	1	1	GDM
.....caaagaaCucuccuuuugggc.....	2	1	GDM
.....caaagGauucuccuuuugggc.....	6	1	GDM
.....caaagaauucuccuCuugggc.....	9	1	GDM
.....caaagaauucuccuuugggc.....	7	1	GDM
.....caaagaauucuccuuuugggcC.....	127	1	GDM
.....caaagaauucuccuuuAggcu.....	4	1	GDM
.....caaGgaauucuccuuuugggc.....	12	1	GDM

Mature

Star

uucauugcuuguaacuuucaaagaauucuccuuuugggcuuuucugguuuuuuuuuaagcccaaaggugaauuuuugggaaguugagcuaaaauccuuaaccaaaa

.....Naaagaauucuccuuuugggcu.....	1	1	GDM
.....caaagaauucuccuuuugggcuu.....	13	0	GDM
.....caaagaauucuccuuuugggcuu.....	13	0	GDM
.....caaagaauucuccuuuugggcuG.....	5	1	GDM
.....caaagaauucuccuuuugggcuu.....	13	0	GDM
.....caaagaauucuccuuuugggcuG.....	1	1	GDM
.....caaagaauucuccuuuugggcuA.....	2	1	GDM
.....caaagaauucuccuuuugggcuA.....	2	1	GDM
.....caaagaauucuccuuuugggcuC.....	1	1	GDM
.....caaagaauCuccuuuugggcuu.....	1	1	GDM
.....caaagaauucuccuuuugggcuG.....	5	1	GDM
.....caaagaauucuccuuuugggcuC.....	1	1	GDM
.....caaagaauucuccuuuugggcuuu.....	7	0	GDM
.....caaagaauucuccuuuugggcuuu.....	7	0	GDM
.....caaagaauucuccuuuCgggcuuu.....	1	1	GDM
.....caaagaauucuccuuuugggcuuu.....	7	0	GDM
.....caaagaauucuccuuuugggcuAu.....	9	1	GDM
.....caaagaauAcuccuuuugggcuuu.....	1	1	GDM
.....caaagaauucuccuuuugggcuuC.....	1	1	GDM
.....caaagaauucuccuuuugggcuGu.....	1	1	GDM
.....caaagaauucuccuuuugggcuAu.....	9	1	GDM
.....caaagaauucuccuuuugggcuuA.....	2	1	GDM
.....caaagaauucuccuuuugggcuAu.....	9	1	GDM
.....caaagaauucuccuuuugggcuCu.....	1	1	GDM
.....caaagaauucuccuuuugggcuGuc.....	2	1	GDM
.....caaagaauucuccuuuugggcuuuUu.....	2	1	GDM
.....caaagaauucuccuuuugggcuuuUu.....	2	1	GDM
.....aaagaauucuccCuuuggg.....	3	1	GDM
.....Gaagaauucuccuuuuggg.....	1	1	GDM
.....aGagaauucuccuuuuggg.....	1	1	GDM
.....aaagaauucuccuuuuggC.....	1	1	GDM
.....Caagaauucuccuuuuggg.....	10	1	GDM
.....Caagaauucuccuuuuggg.....	10	1	GDM
.....aaagaauucCccuuuuggg.....	2	1	GDM
.....aaagaauucuccuuuCggg.....	2	1	GDM
.....aaagaauucuccuuuuggg.....	108	0	GDM
.....aaagaauucuccuuuuggA.....	3	1	GDM
.....aaagaauucuccuuuuggg.....	108	0	GDM
.....aaagaauucuccuuuCggg.....	2	1	GDM
.....aaagaauucuccuuuAggg.....	1	1	GDM
.....aaagaauucuccuCuuggg.....	1	1	GDM
.....aaagaauucuccuuuuggg.....	108	0	GDM
.....aaGgaauucuccuuuuggg.....	1	1	GDM
.....aaagaauucuccuuuugggA.....	3	1	GDM
.....aaagaauucuccuuuugggc.....	13	0	GDM
.....aaagaauucuccuuuugggc.....	13	0	GDM
.....aaagaauucuccuuuugggc.....	13	0	GDM
.....aaagaauucuccuuuugggU.....	2	1	GDM
.....aaagaauucuccuuuugggA.....	3	1	GDM
.....aaagaauucuccuuuugggcu.....	16	0	GDM
.....Gaagaauucuccuuuugggcu.....	1	1	GDM
.....aaagaauucuccuuuugggcu.....	16	0	GDM
.....aaagaauucuccuuuugggcuA.....	1	1	GDM
.....aaagaauucuccuuuugggcu.....	16	0	GDM
.....Gagaauucuccuuuuggg.....	1	1	GDM
.....aagaauucuccuuuuggg.....	3	0	GDM
.....aagaauucuccuuuugggcu.....	3	0	GDM
.....caaaggugaauuuuuggga.....	3	0	GDM
.....ccaagaauucuccuuuugggc.....	1	0	Z1_
.....Uaaagaauucuccuuuug.....	2	1	Z1_
.....caaagaauucuccuuuug.....	1	0	Z1_
.....caaagaauucuccuuuA.....	1	1	Z1_
.....caaagaauucuccuuuugA.....	1	1	Z1_
.....caaagaauucuccuuuugC.....	1	1	Z1_
.....caaagaauucuccuuuugg.....	26	0	Z1_
.....caaagaauucuccuuuugU.....	1	1	Z1_
.....caaagaauucuccuuuGgg.....	9	1	Z1_
.....caaagaauucuccCuuugg.....	1	1	Z1_
.....caaagaauAcuccuuuuggg.....	9	1	Z1_

Mature

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uucauugcuuguaacuuuc**caaagaauucuccuuuugggcuuucugguuuuuuuuuagcc**caaaggugaauuuuugggaaguugagcuaaauccucaacccaaaa

..... caaagaauuc <u>U</u> ccuuuuggg.....	6	1	Z1_
..... caaagaau <u>A</u> uccuuuuggg.....	4	1	Z1_
..... caaag <u>N</u> aucuccuuuuggg.....	2	1	Z1_
..... caaagaa <u>C</u> uccuuuuggg.....	22	1	Z1_
..... caaagaauuc <u>G</u> ccuuuuggg.....	2	1	Z1_
..... caa <u>T</u> aaucuccuuuuggg.....	2	1	Z1_
..... ca <u>C</u> agaauucuccuuuuggg.....	2	1	Z1_
..... caaaga <u>G</u> uuccuuuuggg.....	29	1	Z1_
..... caaagaauucuccuu <u>A</u> ggg.....	2	1	Z1_
..... c <u>U</u> aagaauucuccuuuuggg.....	6	1	Z1_
..... caaagaauucuccuuuugg <u>U</u>	53	1	Z1_
..... caaagaauucuccuuuugg <u>U</u> g.....	6	1	Z1_
..... caaagaa <u>G</u> uccuuuuggg.....	2	1	Z1_
..... caaagaauucuccuuu <u>C</u> gg.....	1	1	Z1_
..... caaagaau <u>U</u> uccuuuuggg.....	1	1	Z1_
..... caaagaauucucc <u>C</u> uuuggg.....	62	1	Z1_
..... caaagaauucuccuuu <u>A</u> g.....	6	1	Z1_
..... ca <u>G</u> agaauucuccuuuuggg.....	36	1	Z1_
..... caaagaauucucc <u>A</u> uuuggg.....	1	1	Z1_
..... caaaga <u>C</u> uccuuuuggg.....	2	1	Z1_
..... c <u>C</u> aagaauucuccuuuuggg.....	1	1	Z1_
..... caaagaauuc <u>C</u> ccuuuuggg.....	42	1	Z1_
..... caaagaauucuccu <u>A</u> uuggg.....	2	1	Z1_
..... <u>U</u> aaagaauucuccuuuuggg.....	33	1	Z1_
..... caaagaau <u>G</u> uccuuuuggg.....	2	1	Z1_
..... caa <u>G</u> aauucuccuuuuggg.....	35	1	Z1_
..... caaagaa <u>A</u> uccuuuuggg.....	5	1	Z1_
..... caaagaauucuccuuu <u>A</u> gg.....	10	1	Z1_
..... caaagaauuc <u>A</u> ccuuuuggg.....	4	1	Z1_
..... caaagaau <u>C</u> uccuuuuggg.....	48	1	Z1_
..... caaagaauucuccuuu <u>U</u> gg.....	4	1	Z1_
..... ca <u>U</u> agaauucuccuuuuggg.....	3	1	Z1_
..... caaagaauucuccuuuuggg.....	6902	0	Z1_
..... c <u>N</u> aagaauucuccuuuuggg.....	4	1	Z1_
..... caaag <u>U</u> aucuccuuuuggg.....	4	1	Z1_
..... caaagaauucuccuuu <u>C</u> gg.....	17	1	Z1_
..... caaagaauucuccuuu <u>G</u> gg.....	4	1	Z1_
..... caaagaauucuccu <u>A</u> uggg.....	5	1	Z1_
..... caa <u>U</u> gaauucuccuuuuggg.....	5	1	Z1_
..... caaagaauucuccuuuugg <u>C</u>	27	1	Z1_
..... caaagaauucuccu <u>G</u> uggg.....	3	1	Z1_
..... c <u>G</u> aagaauucuccuuuuggg.....	35	1	Z1_
..... caaagaauucuccu <u>C</u> uuggg.....	26	1	Z1_
..... caaagaauucuccu <u>C</u> uggg.....	19	1	Z1_
..... caaag <u>G</u> aucuccuuuuggg.....	22	1	Z1_
..... <u>N</u> aaagaauucuccuuuuggg.....	2	1	Z1_
..... caaagaauucuccuuuugg <u>A</u>	303	1	Z1_
..... caaagaauucuccu <u>G</u> uuggg.....	13	1	Z1_
..... caaagaauuc <u>U</u> uuuuggg.....	4	1	Z1_
..... <u>A</u> aaagaauucuccuuuuggg.....	5	1	Z1_
..... caaagaauucucc <u>G</u> uuuggg.....	5	1	Z1_
..... <u>G</u> aaagaauucuccuuuuggg.....	4	1	Z1_
..... caaagaau <u>A</u> cuccuuuugggc.....	3	1	Z1_
..... caaaga <u>G</u> uuccuuuugggc.....	1	1	Z1_
..... ca <u>G</u> agaauucuccuuuugggc.....	1	1	Z1_
..... caaag <u>N</u> aucuccuuuugggc.....	1	1	Z1_
..... caaagaauucuccuuuuggg <u>G</u>	8	1	Z1_
..... caaagaauuc <u>C</u> ccuuuugggc.....	2	1	Z1_
..... caaagaauucuccuuuuggg <u>U</u>	74	1	Z1_
..... caaagaauucucc <u>C</u> uuugggc.....	8	1	Z1_
..... caaagaauucuccuuuugg <u>A</u> c.....	1	1	Z1_
..... caaagaauucuccuuuugggc.....	407	0	Z1_
..... c <u>G</u> aagaauucuccuuuugggc.....	1	1	Z1_
..... caaag <u>G</u> aucuccuuuugggc.....	2	1	Z1_
..... caaagaauucuccu <u>C</u> ugggc.....	3	1	Z1_
..... caa <u>G</u> aauucuccuuuugggc.....	2	1	Z1_
..... caaagaauucuccuuu <u>C</u> gggc.....	3	1	Z1_
..... c <u>C</u> aagaauucuccuuuugggc.....	1	1	Z1_
..... <u>U</u> aaagaauucuccuuuugggc.....	1	1	Z1_

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uucauugcuuguaacuuuc**caaagaaucuccuuuugggcuuucugguuuuuuuuuagcc**caaaggugaauuuuugggaaguugagcuaaauuccucaacccaaaa

..... caaagaaucuccuuuugggc	3	1	Z1_
..... caaagaaucuccuuuAggc	2	1	Z1_
..... caaagaaucuccuuAugggc	2	1	Z1_
..... caaagaaCucuccuuuugggc	1	1	Z1_
..... caaagaaucuccuuuugggA	102	1	Z1_
..... caaagaaucuccuuuugggUu	1	1	Z1_
..... caaagaaucuccuuuugggcC	67	1	Z1_
..... caaagaaucCccuuuugggc	5	1	Z1_
..... caaagaaucuccuuuCGggc	5	1	Z1_
..... caaagaaucuccuuuGgggc	2	1	Z1_
..... caaagaaucuccuuuugggc	635	0	Z1_
..... caGagaaucuccuuuugggc	2	1	Z1_
..... caCagaaucuccuuuugggc	5	1	Z1_
..... caaagaaucuccuuuugggc	6	1	Z1_
..... caaagaaucuccuuCgggc	4	1	Z1_
..... caaagaaucuccuuuuggAc	2	1	Z1_
..... caaagaaucuccuuuugggcA	26	1	Z1_
..... caaGaaucuccuuuugggc	1	1	Z1_
..... cGagaaucuccuuuugggc	5	1	Z1_
..... caaagaaAucuccuuuugggc	1	1	Z1_
..... caaagaGuucuccuuuugggc	3	1	Z1_
..... caaagaaucuccuuuAggc	2	1	Z1_
..... caaagaaucuccuuuAgggc	1	1	Z1_
..... Uaaagaaucuccuuuugggc	1	1	Z1_
..... caaagaaCucuccuuuugggc	2	1	Z1_
..... caaagaaucuuAcuuuugggc	1	1	Z1_
..... caaagaaucuccuuuugggcG	4	1	Z1_
..... caaagGauucuccuuuugggc	4	1	Z1_
..... caaagaaucuccuuuugggcGu	1	1	Z1_
..... caaagaaucuccuuGugggc	1	1	Z1_
..... caaagaaucuccuuuugggc	5	1	Z1_
..... caaagaaucuccuuuugggcU	1	1	Z1_
..... caaagaaucuccuuuugggcCu	1	1	Z1_
..... caaagaaucuccuuAugggcu	1	1	Z1_
..... caaagaaucuccuuuugggcG	5	1	Z1_
..... caaagaaucuccuuuugggcuu	9	0	Z1_
..... caaagaaucuccuuuugggcA	1	1	Z1_
..... caaagaaucuccuuuugggcuuC	2	1	Z1_
..... caaagaaucuccuuuugggcuuu	6	0	Z1_
..... caaagaaucuccuuuugggcuuAu	5	1	Z1_
..... caaagaaucuccuuuugggUuuu	1	1	Z1_
..... caaagaaucuccuuuugggcuuGu	1	1	Z1_
..... aaagaaucuccuuuugg	1	0	Z1_
..... aaagaauuUuccuuuuggg	1	1	Z1_
..... aaagaaucuccuuuuggg	2	1	Z1_
..... aaagaaucuccuuuuggg	33	0	Z1_
..... aaagaaGucuccuuuuggg	1	1	Z1_
..... aaagaaucuccuuuuggA	1	1	Z1_
..... Caagaaucuccuuuuggg	3	1	Z1_
..... aaagaaucuccuuuugggc	6	0	Z1_
..... aaagaaucuccuuuugggA	3	1	Z1_
..... aaagaaucuccuuuugggc	11	0	Z1_
..... Naagaaucuccuuuugggc	1	1	Z1_
..... caaagaaucuccuuuGg	1	1	Z2_
..... caaagaaucuccuuuug	5	0	Z2_
..... caaGaaucuccuuuugg	1	1	Z2_
..... caaagaaucuccuuuGgg	6	1	Z2_
..... caaagaaucuccuuuuAg	1	1	Z2_
..... caaagaaucuccuuuugg	1	1	Z2_
..... caaagaaucuccuuuugg	26	0	Z2_
..... caaagaaucuccuuuugA	2	1	Z2_
..... caaagaaucGccuuuuggg	1	1	Z2_
..... caaagaaucuccuuuuggg	8	1	Z2_
..... caaagaaucuccuuuCGgg	9	1	Z2_
..... caaagaaucuccuuuuggg	16	1	Z2_
..... caaagaaucuccuuuugUg	5	1	Z2_
..... cUaaagaaucuccuuuuggg	8	1	Z2_
..... caaagGauucuccuuuuggg	22	1	Z2_
..... caaagaaucAccuuuuggg	3	1	Z2_

Mature

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uucauugcuuguaacuuuc**caaagaaucuccuuuugggcuuucugguuuuuuuuuagcc**caaaggugaauuuuugggaaguugagcuaaauccucaacccaaaa

caGagaauucuccuuuuggg	14	1	Z2_
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caaagaaucuccuuuGggg	2	1	Z2_
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Mature

Star

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