

Mature

Star

Sequence	Mature	Star	Category
gugugacuccugucuguguaugggcacugguagaaucacugugaacagucucagucagugaauuaccgaagggccaua	2	1	Z2_
uauggcGcugguagaaauuca	1	1	Z2_
uauggcacugguagaaauuca	1	1	Z2_
uauggcacuAguagaaauuca	1	1	Z2_
uauggcacugguagaaGuca	3	1	Z2_
uauggcacugguagaaGuuca	3	1	Z2_
uauggcacugguagaaCuca	4	1	Z2_
uauggcacugguuaUaaauuca	1	1	Z2_
uUuggcacugguagaaauuca	2	1	Z2_
uauggcacugguuaAaaauuca	1	1	Z2_
uauggcacugAuaaaauuca	1	1	Z2_
uaCggcacugguagaaauuca	4	1	Z2_
uauggcacuUguagaaauuca	2	1	Z2_
uauggcacugguagaauCca	2	1	Z2_
uauggcacugguagaaauuca	834	0	Z2_
uauggcacugguagaaUAca	2	1	Z2_
uauggcacugguCgaaauucac	1	1	Z2_
uauggcUcugguagaaauucac	1	1	Z2_
uauggcacugguagaauCcac	1	1	Z2_
uauggcacugguagaaauucaA	6	1	Z2_
uGuggcacugguagaaauucac	2	1	Z2_
uauggcacugguagaaauucac	54	0	Z2_
uauggcacugguagaaauucaU	9	1	Z2_
uauggcacugguUgaaauucacu	5	1	Z2_
uauggcacugguagaaauucaAu	2	1	Z2_
uauggcacugguagaGuucacu	54	1	Z2_
uauggcacugguaCaaauucacu	1	1	Z2_
uCuggcacugguagaaauucacu	1	1	Z2_
uauggcacCgguagaaauucacu	34	1	Z2_
Nauggcacugguagaaauucacu	3	1	Z2_
uauggcacugguagaaUUacu	3	1	Z2_
uNuggcacugguagaaauucacu	1	1	Z2_
Aauggcacugguagaaauucacu	18	1	Z2_
Gauggcacugguagaaauucacu	4	1	Z2_
uauggcacuCguagaaauucacu	1	1	Z2_
uauggcacugguagaaUAcacu	18	1	Z2_
uaugUcacugguagaaauucacu	5	1	Z2_
uauggcacugguagaaauucacG	54	1	Z2_
uaUgacacugguagaaauucacu	1	1	Z2_
uaugGacugguagaaauucacu	4	1	Z2_
uaugGcaUugguagaaauucacu	11	1	Z2_
uauggcacugguagaaauucacA	171	1	Z2_
uauggcacugguagaauCcacu	45	1	Z2_
uaUgacacugguagaaauucacu	19	1	Z2_
uauggcacugguagaaUGcacu	2	1	Z2_
uauggcUcugguagaaauucacu	9	1	Z2_
uauggcacAgguagaaauucacu	10	1	Z2_
uaUNgacacugguagaaauucacu	4	1	Z2_
uauggcacugguuaUaaauucacu	4	1	Z2_
uauggcacugguagaaauucacC	588	1	Z2_
uauggcacugguuaAaaauucacu	5	1	Z2_
uauggcCcugguagaaauucacu	1	1	Z2_
uauggcacugguagaaauucacu	9308	0	Z2_
uauggcacugAuaaaauucacu	12	1	Z2_
uauggcacugguagaaUUacu	15	1	Z2_
uaugCcacugguagaaauucacu	2	1	Z2_
uauggcacugguagaaUucCcu	4	1	Z2_
uauggcacugguagaaUAucacu	5	1	Z2_
uauggcacuAguagaaauucacu	27	1	Z2_
uauggAacugguagaaauucacu	1	1	Z2_
uUuggcacugguagaaauucacu	6	1	Z2_
uauggcacugguagaaUucaUu	11	1	Z2_
uauggcacugguagaaGUcacu	2	1	Z2_
uauggcacugCuagaaauucacu	4	1	Z2_
uGuggcacugguagaaauucacu	36	1	Z2_
uauggcacugguagUaaauucacu	6	1	Z2_
uauggcacugguagaUuucacu	3	1	Z2_
uauggcacugguagaaCucacu	51	1	Z2_
uauggcacuUguagaaauucacu	3	1	Z2_
uaugAacugguagaaauucacu	18	1	Z2_
uaAggcacugguagaaauucacu	16	1	Z2_

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gugugacuccugucuguguaugggcacugguagaaucacugugaacagucucagucagugaaauaccgaagggccaua	3	1	Z2_
uaugggNacugguagaaucacu	3	1	Z2_
uaugggcacGgguaagaaucacu	2	1	Z2_
uaugggcacuggCagaauucacu	35	1	Z2_
uaugggcacuggGagaauucacu	3	1	Z2_
uaugggcacugguagaaucGcu	52	1	Z2_
uaugggcacugNuagaauucacu	1	1	Z2_
uaugggcacugguGagaauucacu	5	1	Z2_
uaugggcacugUuagaauucacu	1	1	Z2_
uaCggcacugguagaaucacu	43	1	Z2_
uaugggCgugguagaaucacu	64	1	Z2_
uaugggcacugguagaaucacuGu	1	1	Z2_
uaugggcacugguagaaucacuAug	1	1	Z2_
uaugggcacugguagaaucacuGg	4	1	Z2_
uaGggcacugguagaaucacuG	1	1	Z2_
uaugGcacugguagaaucacuG	2	1	Z2_
uaugggcacAgguagaaucacuG	1	1	Z2_
uaugggCgugguagaaucacuG	5	1	Z2_
uaugAcacugguagaaucacuG	3	1	Z2_
uaugggcacugguagaaucacuAg	1	1	Z2_
uaugggcacugguagaaucacuGuucacuG	5	1	Z2_
uaugggcacugguaAaaucacuG	2	1	Z2_
uaugGcacugguagaaucacuG	1	1	Z2_
AaugggcacugguagaaucacuG	2	1	Z2_
uaCggcacugguagaaucacuG	3	1	Z2_
uaugggcacuAguagaaucacuG	1	1	Z2_
uUggcacugguagaaucacuG	1	1	Z2_
uaugggcacugguagaaucacuG	6	1	Z2_
uaugggcacugguagaaucacuA	27	1	Z2_
uaugggcaUugguagaaucacuG	1	1	Z2_
uaugggcacuggCagaauucacuG	3	1	Z2_
uaugggcacugguagaaucacuU	2	1	Z2_
uaugggcacugguagaaucacuG	655	0	Z2_
uaugggcacCgguaagaaucacuG	3	1	Z2_
uaugggcacugguagUauucacuG	2	1	Z2_
uaugggcacugguagaaucGcuG	2	1	Z2_
uaugggcacugguagaaucCacuG	4	1	Z2_
uaugggcacugguagaaucacuG	156	0	Z2_
uaugGcacugguagaaucacuG	2	1	Z2_
uaugggcacuAguagaaucacuG	3	1	Z2_
uaugggcacCgguaagaaucacuG	1	1	Z2_
uaugggcacugguagaaucacuG	3	1	Z2_
uaugggcacugguagaaucacuGG	2	1	Z2_
uaugggcacugguagaaucacuGA	125	1	Z2_
uaugggcacuggCagaauucacuG	1	1	Z2_
uaugggcacugguagaaucacuCGu	1	1	Z2_
uaugggcacugguagaaucCacuG	1	1	Z2_
uaugggCgugguagaaucacuG	1	1	Z2_
uaCggcacugguagaaucacuG	1	1	Z2_
uaugggcacugguagaaucacuGC	9	1	Z2_
uaugggcacugguagaaucacuGU	30	1	Z2_
uaugggcacugguagaaucacuGC	2	1	Z2_
uaugggcacugguagaaucacuGAg	6	1	Z2_
augggcacugguagaaucU	1	1	Z2_
augggcacugguagaaucCuc	1	1	Z2_
augggcacugguagaauc	12	0	Z2_
augggcacugguagaaucacu	39	0	Z2_
augggcacugguagaaucG	1	1	Z2_
aCggcacugguagaaucacu	1	1	Z2_
augggcacugguagaaucacu	15	0	Z2_
augggcacCgguaagaaucacu	5	1	Z2_
Cuggcacugguagaaucacu	4	1	Z2_
augggcacugguagaaucCacu	8	1	Z2_
augggcacuAguagaaucacu	3	1	Z2_
augggcacGgguaagaaucacu	2	1	Z2_
augUcacugguagaaucacu	3	1	Z2_
augggcacugguagaaucacu	1	1	Z2_
augggcacugguacAaaucacu	1	1	Z2_
auggUacugguagaaucacu	2	1	Z2_
augggcacugAuagaaucacu	2	1	Z2_
augggcacAgguagaaucacu	5	1	Z2_

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gugugacuccugucugug <u>auggcacugguagaa<u>u</u>acucugugaa<u>ca</u>gucucagucagugaa<u>uu</u>ccgaagggccauaaacagagcagagacagauccacgagggccucc</u>			
.....auggcUcugguagaa <u>u</u> acacu.....	6	1	Z2_
.....auggcacugguagaa <u>u</u> acGcu.....	12	1	Z2_
.....augCcacugguagaa <u>u</u> acacu.....	1	1	Z2_
.....augAcacugguagaa <u>u</u> acacu.....	3	1	Z2_
.....auggcacugguaA <u>aa</u> uacacu.....	2	1	Z2_
.....auggcacugguagaa <u>u</u> caUu.....	5	1	Z2_
.....auggcacuggA <u>ag</u> aa <u>u</u> acacu.....	4	1	Z2_
.....auggcacugguagaa <u>u</u> acacC.....	136	1	Z2_
.....auggcacugguagC <u>au</u> uacacu.....	1	1	Z2_
.....auggcacugguagaa <u>u</u> acacA.....	29	1	Z2_
.....auggcacuggC <u>ag</u> aa <u>u</u> acacu.....	8	1	Z2_
.....Uuggcacugguagaa <u>u</u> acacu.....	5	1	Z2_
.....auggcGcugguagaa <u>u</u> acacu.....	8	1	Z2_
.....auggcacugguagaaC <u>u</u> cacu.....	11	1	Z2_
.....auggcaUugguagaa <u>u</u> acacu.....	6	1	Z2_
.....auAgcacugguagaa <u>u</u> acacu.....	6	1	Z2_
.....auggcacugguagaaA <u>u</u> cacu.....	1	1	Z2_
.....Guggcacugguagaa <u>u</u> acacu.....	5	1	Z2_
.....auggcacugguagaa <u>u</u> acacG.....	8	1	Z2_
.....auggcacugguagaa <u>u</u> Uacu.....	3	1	Z2_
.....auggcacugguagaaG <u>u</u> cacu.....	1	1	Z2_
.....auggcacugguagaaG <u>u</u> uacacu.....	4	1	Z2_
.....aAggcacugguagaa <u>u</u> acacu.....	2	1	Z2_
.....auggcacugguagaa <u>u</u> acacu.....	1834	0	Z2_
.....auggcacugguG <u>aa</u> uacacu.....	2	1	Z2_
.....aCggcacugguagaa <u>u</u> acacu.....	9	1	Z2_
.....auggAacugguagaa <u>u</u> acacug.....	1	1	Z2_
.....auggcacugguagaa <u>u</u> acacG.....	1	1	Z2_
.....auggcacugguagaa <u>u</u> caAug.....	1	1	Z2_
.....auggcacugguagaa <u>u</u> acacug.....	276	0	Z2_
.....auggcacugguagaa <u>u</u> acacA.....	15	1	Z2_
.....augAcacugguagaa <u>u</u> acacug.....	1	1	Z2_
.....auggcacugguagaa <u>u</u> uAacug.....	1	1	Z2_
.....auggUacugguagaa <u>u</u> acacug.....	1	1	Z2_
.....auggcacugguagaa <u>u</u> Ccacug.....	5	1	Z2_
.....auggcaUugguagaa <u>u</u> acacug.....	2	1	Z2_
.....Guggcacugguagaa <u>u</u> acacug.....	1	1	Z2_
.....auggcacugguagaaC <u>u</u> cacug.....	2	1	Z2_
.....auggcacugCuagaa <u>u</u> acacug.....	2	1	Z2_
.....auggcacugguagaaA <u>u</u> cacug.....	1	1	Z2_
.....auggcacugguagaa <u>u</u> ucGcug.....	2	1	Z2_
.....auggcacCgguagaa <u>u</u> acacugu.....	2	1	Z2_
.....auggcacugguagaaC <u>u</u> cacugu.....	1	1	Z2_
.....auggcacugguagaa <u>u</u> acacugG.....	2	1	Z2_
.....auggcacugguagaaG <u>u</u> cacugu.....	1	1	Z2_
.....auAgcacugguagaa <u>u</u> acacugu.....	2	1	Z2_
.....auggcacugguagaa <u>u</u> acacugu.....	171	0	Z2_
.....auggcacugguagaaA <u>u</u> cacugu.....	2	1	Z2_
.....auggcacugguagaa <u>u</u> acacGcu.....	2	1	Z2_
.....auggcGcugguagaa <u>u</u> acacugu.....	1	1	Z2_
.....augCcacugguagaa <u>u</u> acacugu.....	1	1	Z2_
.....auggcacugguagaa <u>u</u> acacugA.....	104	1	Z2_
.....auggcacugguagaa <u>u</u> acacugC.....	12	1	Z2_
.....auggcacuggC <u>ag</u> aa <u>u</u> acacugu.....	1	1	Z2_
.....auggcacugguagaa <u>u</u> acacugAg.....	5	1	Z2_
.....auggcacugguagaa <u>u</u> acacugGg.....	1	1	Z2_
.....auggcacugguagaa <u>u</u> acacuguA.....	3	1	Z2_
.....auggcacugguagaa <u>u</u> acacuguC.....	2	1	Z2_
.....auggcacugguagaa <u>u</u> acacuguU.....	14	1	Z2_
.....uga <u>uu</u> accgaagggccau.....	1	1	Z2_
.....uga <u>uu</u> accgaagggccaua.....	1	1	Z2_
.....uga <u>uu</u> accgaagggccaua.....	5	0	Z2_
.....uga <u>uu</u> accgaagggccauU.....	2	1	Z2_
.....uga <u>uu</u> accgaagggccauaa.....	2	0	Z2_
.....uga <u>uu</u> accgaCgggccauaaa.....	1	1	Z2_
.....uga <u>uu</u> accgaagggccauaaa.....	3	0	Z2_
.....uguauggcacugguagaa.....	2	0	GDM
.....uguauggcacugguagaa <u>u</u>	6	0	GDM

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Sequence	Mature Count	Star Count	Category
gugugacuccuguuucugug <u>uaugggcacugguagaaucacugugaacagucucagucagugaauuaccgaagggccaua</u> aacagagcagagacagauccacgagggccucc	6	0	GDM
..... <u>uguaugggcacugguagaauu</u>	6	0	GDM
..... <u>uguaugggcacugguagaauc</u>	4	0	GDM
..... <u>uguauggcUcugguagaauc</u>	1	1	GDM
..... <u>uguaugggcacugguagaauc</u>	4	0	GDM
..... <u>uguaugggcacugguagaaucG</u>	1	1	GDM
..... <u>uguaugggcacugguagaaauca</u>	14	0	GDM
..... <u>uguaugggcacugguagaauca</u>	14	0	GDM
..... <u>uguaugggcacAgguagaaauca</u>	1	1	GDM
..... <u>uguaugggcacugguagaaauca</u>	14	0	GDM
..... <u>uguaugggcacugguagaaucac</u>	2	0	GDM
..... <u>uguaCggcacugguagaaucacu</u>	1	1	GDM
..... <u>uguaugggcacugguagaaucacu</u>	8	0	GDM
..... <u>uguaugggcacugguagaaucacu</u>	8	0	GDM
..... <u>guaugggcacugguagaauu</u>	2	0	GDM
..... <u>guaugggcacugguagaauc</u>	6	0	GDM
..... <u>guaugggcacugguagaauc</u>	6	0	GDM
..... <u>guaugggcacugguagaauca</u>	3	0	GDM
..... <u>guaugggcacugguagaauca</u>	3	0	GDM
..... <u>guaugggcacugguagaaucacC</u>	3	1	GDM
..... <u>guaugggcacugguagaaucacu</u>	17	0	GDM
..... <u>guaugggcacugguagaaucacu</u>	17	0	GDM
..... <u>Auaugggcacugguagaaucacu</u>	2	1	GDM
..... <u>guaugggcacugguagaaucacu</u>	17	0	GDM
..... <u>guaugggcacugguagaaucacC</u>	3	1	GDM
..... <u>uauggAacugguagaauu</u>	2	1	GDM
..... <u>uauggcUcugguagaauu</u>	2	1	GDM
..... <u>uaugggcacugguagaauu</u>	136	0	GDM
..... <u>uaugggcacugguagaauu</u>	136	0	GDM
..... <u>uaugggcacugguagaauu</u>	136	0	GDM
..... <u>uaugggcacugguagaaUA</u>	1	1	GDM
..... <u>uaugggcacugguagaaUC</u>	8	1	GDM
..... <u>uauggcGcugguagaauu</u>	1	1	GDM
..... <u>uaugggcacugguagaaUC</u>	8	1	GDM
..... <u>uaCggcacugguagaauc</u>	1	1	GDM
..... <u>uaugggcacugAuaaauc</u>	1	1	GDM
..... <u>uaugggcacugguagaaUCc</u>	3	1	GDM
..... <u>uaugggcacugguagaaUCc</u>	1	1	GDM
..... <u>uauggcGcugguagaauc</u>	1	1	GDM
..... <u>uaugggcacugguagaaUA</u>	11	1	GDM
..... <u>uGuggcacugguagaauc</u>	3	1	GDM
..... <u>Naugggcacugguagaauc</u>	1	1	GDM
..... <u>uaugggcacugguagaauuU</u>	49	1	GDM
..... <u>uaugUcacugguagaauc</u>	2	1	GDM
..... <u>uaugggcacugguagaaUAc</u>	1	1	GDM
..... <u>uaugggcacuggCagaauc</u>	4	1	GDM
..... <u>uaugggcacugguagaaUCuc</u>	1	1	GDM
..... <u>uaAgggcacugguagaauc</u>	2	1	GDM
..... <u>uaugCcacugguagaauc</u>	1	1	GDM
..... <u>uaugggcacuggCagaauc</u>	4	1	GDM
..... <u>uaugggcacugguagaauc</u>	489	0	GDM
..... <u>uaugggcacCgguaaauc</u>	2	1	GDM
..... <u>uaugggcacugguagaGuuc</u>	1	1	GDM
..... <u>uaugggcacugguagaaUA</u>	11	1	GDM
..... <u>uaugggcacugguagaauuU</u>	49	1	GDM
..... <u>uGuggcacugguagaauc</u>	3	1	GDM
..... <u>uaugggcacugguagaaUCc</u>	3	1	GDM
..... <u>uaugggcacugguagaauuU</u>	49	1	GDM
..... <u>uaugAcacugguagaauc</u>	1	1	GDM
..... <u>uaugggcacugguagaauc</u>	489	0	GDM
..... <u>uaugggcacugguaUaauc</u>	2	1	GDM
..... <u>uaugggcacugguaUaauc</u>	2	1	GDM
..... <u>Aaugggcacugguagaauc</u>	1	1	GDM
..... <u>uaugggcacugguagaauc</u>	489	0	GDM
..... <u>uaAgggcacugguagaauc</u>	2	1	GDM
..... <u>uaugggcacCgguaaauc</u>	2	1	GDM
..... <u>uaUNgcacugguagaauc</u>	1	1	GDM
..... <u>uaugggcacugguUgaauc</u>	2	1	GDM
..... <u>uaugggcacugguagaaUA</u>	11	1	GDM
..... <u>uaugAcacugguagaauca</u>	3	1	GDM

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gugugacuccugucuguguauggcacugguagaaucacugugaacagucucagucagugaauuaccgaaggccaua aacagagcagagacagauccacgagggccucc

.....uauggcGcugguagaaauca.....	8	1	GDM
.....uauggcAacugguagaaauca.....	1	1	GDM
.....Aauggcacugguagaaauca.....	2	1	GDM
.....uauggcacCgguagaaauca.....	7	1	GDM
.....uauggcacugguagaauuAa.....	2	1	GDM
.....uaCggcacugguagaaauca.....	5	1	GDM
.....uauggcacCgguagaaauca.....	7	1	GDM
.....uauggcGcugguagaaauca.....	8	1	GDM
.....uauggcacugAuaagaaauca.....	2	1	GDM
.....uauggcacugguagaauuUa.....	1	1	GDM
.....uGuggcacugguagaaauca.....	1	1	GDM
.....uauggcacugguagaaAuca.....	1	1	GDM
.....uauggcacugguagaGuuca.....	8	1	GDM
.....uauggcacugguagaaUcca.....	7	1	GDM
.....uauggcacAgguagaaauca.....	4	1	GDM
.....uauggcacugguagaaUcca.....	7	1	GDM
.....uauggcacugguagaaUucG.....	9	1	GDM
.....uauggcacugguagaGuuca.....	8	1	GDM
.....uauggcacugguagaGuuca.....	8	1	GDM
.....uauAgcacugguagaaauca.....	1	1	GDM
.....uauggcacugguagaaauca.....	1457	0	GDM
.....uauggcacuggAagaaauca.....	1	1	GDM
.....uaugAcacugguagaaauca.....	3	1	GDM
.....Nauggcacugguagaaauca.....	1	1	GDM
.....uaCggcacugguagaaauca.....	5	1	GDM
.....uauggcacugguagaaauca.....	1457	0	GDM
.....uauggcacugguagaauuAa.....	2	1	GDM
.....uauggcacuaAguagaaauca.....	3	1	GDM
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.....uauggcacugAuaagaaauca.....	2	1	GDM
.....uauggcacugguagaaUucG.....	9	1	GDM
.....uauggcacugguagaaUcca.....	7	1	GDM
.....uauggcacugguagaaUucU.....	10	1	GDM
.....uauggcacuggCagaauca.....	6	1	GDM
.....uauggcacugguagaaauca.....	1457	0	GDM
.....uauggcacuggCagaauca.....	6	1	GDM
.....uauggcacugguagaaUucG.....	9	1	GDM
.....uauggcacuggCagaauca.....	6	1	GDM
.....Aauggcacugguagaaauca.....	2	1	GDM
.....uauggcacugguaAaaauca.....	1	1	GDM
.....uauggcacCgguagaaauca.....	7	1	GDM
.....uaAggcacugguagaaauca.....	1	1	GDM
.....uaugAcacugguagaaauca.....	3	1	GDM
.....uauggcacugguagaaUucU.....	10	1	GDM
.....uauggcGcugguagaaauca.....	8	1	GDM
.....uauggcacuaAguagaaauca.....	3	1	GDM
.....uauggcacugguagaaUaAca.....	1	1	GDM
.....uaCggcacugguagaaauca.....	5	1	GDM
.....uUuggcacugguagaaauca.....	1	1	GDM
.....uauggcacAgguagaaauca.....	4	1	GDM
.....uauggcacugguagaaUuca.....	1	1	GDM
.....uauggcacugguagaaUucac.....	74	0	GDM
.....uauggcacugguagaaUucaU.....	12	1	GDM
.....uauggcacugguagaaUucaU.....	12	1	GDM
.....uauggcacugguagaaUucac.....	74	0	GDM
.....uauggcacugguagaaUucGc.....	2	1	GDM
.....uauggcacugguagaaUucaG.....	2	1	GDM
.....uauAgcacugguagaaUucac.....	1	1	GDM
.....uauggcacugguagaaUucac.....	74	0	GDM
.....uauggcacugguagaaUucGc.....	2	1	GDM
.....uauggcacugguagaaUucaU.....	12	1	GDM
.....uauggcacugguagaaUucaA.....	1	1	GDM
.....uauggcacugguagaaAucacu.....	5	1	GDM
.....uUuggcacugguagaaUucacu.....	5	1	GDM
.....uauggcacAgguagaaUucacu.....	15	1	GDM
.....uauggcacugguagaaUucacu.....	9961	0	GDM
.....uauggcacugguagaaUucacu.....	9	1	GDM
.....uauggcacugguUgaaUucacu.....	7	1	GDM
.....uauggcacGgguagaaUucacu.....	12	1	GDM
.....uauggcacugguagaaUucacG.....	61	1	GDM

Mature

Star

gugugacuccugucuguguauggcacugguagaaucacugugaacagucucagucagugaauuaccgaaggccauaaacagagcagagacagauccacgagggccucc

uauggcacugguagaaucacu	7	1	GDM
uaugAcacugguagaaucacu	18	1	GDM
uauggcacugguagaaucacC	889	1	GDM
uauggcacugguagaaucacu	63	1	GDM
uauggcacGgguagaaucacu	12	1	GDM
uaUGcacugguagaaucacu	3	1	GDM
uauggcacuUguagaaucacu	4	1	GDM
uauggcGcugguagaaucacu	46	1	GDM
uauggcacuCguagaaucacu	3	1	GDM
uauggcacuggCagaaucacu	36	1	GDM
uauggcacugguagaaucacu	66	1	GDM
uauggcacugguagaaucacG	61	1	GDM
uauggcacugguaAaaucacu	11	1	GDM
uNuggcacugguagaaucacu	3	1	GDM
uauggcacugguagaGuucacu	41	1	GDM
uaUGcacugguagaaucacu	14	1	GDM
uauggcacugguagaUucacu	6	1	GDM
uauggcacugguagaaucacu	66	1	GDM
Aauggcacugguagaaucacu	15	1	GDM
uauggcUcugguagaaucacu	7	1	GDM
uaugCcacugguagaaucacu	5	1	GDM
uaCggcacugguagaaucacu	49	1	GDM
uauggcacugguagaaucacu	10	1	GDM
uaAggcacugguagaaucacu	13	1	GDM
uauggcacuUguagaaucacu	4	1	GDM
uauggcacCgguagaaucacu	49	1	GDM
uauggcacugguagaaucacu	5	1	GDM
uauggcacugguagaGuucacu	41	1	GDM
uauggcacugguaAaaucacu	11	1	GDM
uauggcacugAuaaaucacu	11	1	GDM
uaugGacugguagaaucacu	1	1	GDM
uauggcacugguagaaucacu	9	1	GDM
uaugCcacugguagaaucacu	5	1	GDM
uaGggcacugguagaaucacu	4	1	GDM
uGuggcacugguagaaucacu	44	1	GDM
uauggcUcugguagaaucacu	7	1	GDM
uauggcacugguagaaucacu	24	1	GDM
uauggcUugguagaaucacu	12	1	GDM
uGuggcacugguagaaucacu	44	1	GDM
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uNuggcacugguagaaucacu	3	1	GDM
uauggcacuggAagaaucacu	8	1	GDM
uauggcacCgguagaaucacu	49	1	GDM
uauggcacugguagaaucacu	2	1	GDM
uaAggcacugguagaaucacu	13	1	GDM
uauggcacugguagaaucacu	9961	0	GDM
uaugAcacugguagaaucacu	18	1	GDM
uauggcacugguagaaucacu	6	1	GDM
Aauggcacugguagaaucacu	15	1	GDM
uauggcacugguagaaucacu	9961	0	GDM
uauggcacugguUgaaucacu	7	1	GDM
uaugUcacugguagaaucacu	3	1	GDM
uauggcCcugguagaaucacu	5	1	GDM
uauggcUugguagaaucacu	12	1	GDM
uauggcacugguagaaucacA	296	1	GDM
uauggcacugUuagaaucacu	2	1	GDM
uauggcacugguagaaucacu	6	1	GDM
uaUGcacugguagaaucacu	14	1	GDM
uauggcacugguagaaucacu	2	1	GDM
uauggcGcugguagaaucacu	46	1	GDM
uauggcUugguagaaucacu	12	1	GDM
uauggcacCgguagaaucacu	49	1	GDM
uauggcacugguagaaucacu	63	1	GDM
uGuggcacugguagaaucacu	1	1	GDM
uauggcGcugguagaaucacu	46	1	GDM
uauggcacugguagaaucacu	1	1	GDM
uauggcacugguagaaucGcu	40	1	GDM
uauggcacugguagaaucacu	18	1	GDM
uaUNgcacugguagaaucacu	1	1	GDM

Mature

Star

gugugacuccugucuguguaugggcacugguagaaucacugugaacagucucagucagugaauuaccgaagggccaua

uaugA	18	1	GDM
uauggcacA	15	1	GDM
uauggcacugCu	2	1	GDM
uauggcC	5	1	GDM
uaugU	3	1	GDM
uauggcacuggu	10	1	GDM
uauggcacugguuu	24	1	GDM
uaugCc	5	1	GDM
uauggcacugU	2	1	GDM
uaAggc	13	1	GDM
uauggcacugguagaa	9	1	GDM
uauggcacuA	21	1	GDM
uauggcacugguaga	6	1	GDM
uauggcacugguagaaucGcu	40	1	GDM
uauggcacG	12	1	GDM
uauggcacugguagaa	5	1	GDM
uauggcacugguagaa	5	1	GDM
uaU	3	1	GDM
uauggcacuggA	8	1	GDM
uauggcacugguagU	7	1	GDM
uauggcacugguagaauu	24	1	GDM
uauggcacugguagaaucacG	61	1	GDM
uaC	49	1	GDM
uaUg	14	1	GDM
uauggA	1	1	GDM
uauggcacugN	1	1	GDM
uauggcacugCu	2	1	GDM
uauggcacugguagaaU	5	1	GDM
G	3	1	GDM
G	3	1	GDM
uauggcacugguaC	1	1	GDM
uauggcacugguagaCu	1	1	GDM
uauggcacuA	21	1	GDM
uauggcU	7	1	GDM
uaUC	1	1	GDM
uauggcacugA	11	1	GDM
uauggcacugguagaaucacA	296	1	GDM
uauggcacuggA	8	1	GDM
uauggcacugguagaaucCcu	6	1	GDM
uauggcacugguagU	7	1	GDM
uauggcacugguaU	5	1	GDM
uauggcacugguagaaucU	10	1	GDM
uauggcacuU	4	1	GDM
uG	44	1	GDM
uauggcacugguagaaucCacu	66	1	GDM
uauggcacugguagaG	41	1	GDM
uauggcacugA	11	1	GDM
uauggcacugguagaU	6	1	GDM
uauggcacugguagaaucacC	889	1	GDM
uauggcacugguC	18	1	GDM
G	3	1	GDM
uaC	49	1	GDM
uauggcacuggC	36	1	GDM
uauggcacA	15	1	GDM
uauggcacugguagaaucacA	296	1	GDM
uauggcacugguagaaucacC	889	1	GDM
uauggcacugguagaaucGcu	40	1	GDM
uauggcacugguagaaC	63	1	GDM
uauggcacuggC	36	1	GDM
uaG	4	1	GDM
uauggcacugguC	18	1	GDM
uauggcacugguaU	5	1	GDM
uU	5	1	GDM
uU	5	1	GDM
uauggcacuA	21	1	GDM
uauggcacugguagaaucGcu	3	1	GDM
uauggcacugguagaaucacGg	24	1	GDM
uauggcacugguagaG	2	1	GDM
uauggcG	1	1	GDM
uaC	2	1	GDM

Mature

Star

gugugacuccugucuguguaugggcacugguagaaucacugugaacagucucagucagugaauuaccgaagggccaua

uaugggcacCgguagaaucacug	3	1	GDM
uaugggcacugguagaaucacug	519	0	GDM
uaugggcacugguagaaucacCg	3	1	GDM
uaugggcacugguagaaucacuA	30	1	GDM
uaugggcacugguagaaucGcug	3	1	GDM
uaugggcacugguagUauucacug	2	1	GDM
uaugggcacugguagaaucacug	1	1	GDM
uaugggcacugguagaaucacug	519	0	GDM
uaugggcacugguagaaucacuA	30	1	GDM
uaugggcacCgguagaaucacug	3	1	GDM
uaugggcacugguagaaucacCg	24	1	GDM
uaugggcacugguagaaucacCg	3	1	GDM
uaugggcacugguagaGuucacug	2	1	GDM
uaugggcacugguagaaCucacug	2	1	GDM
uaugggcacugguagUauucacug	2	1	GDM
uaugggcacugguAagaaucacug	2	1	GDM
uaugggcacugguagaUuucacug	1	1	GDM
uaugggcacugguagaaCcacug	3	1	GDM
uaugggcacugguAAaaucacug	1	1	GDM
uaugggcacugguagaaucacuA	30	1	GDM
uaugggcacugguagaaucacuU	4	1	GDM
uaugggcacugguCgaaucacug	1	1	GDM
Gaugggcacugguagaaucacug	1	1	GDM
uaugggcacugguagaaucacug	1	1	GDM
uaugggcacugguagaaucacug	519	0	GDM
uaugggcacugguagaaucacug	1	1	GDM
uaugggcacugguagaaucacug	1	1	GDM
uaugggcacugguagaaucacug	2	1	GDM
uaugggcacugguagaaucacugU	121	0	GDM
uaugggcacugguagaaucacugU	121	0	GDM
uaugggcacugguagaaucacugG	9	1	GDM
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uaugggcacugguagaaucacugC	12	1	GDM
uaugggcacugguagaaucacugG	9	1	GDM
uaugggcacugguagaaucacugU	121	0	GDM
uaugggcacugguagaaucacugC	12	1	GDM
uaugggcacugguagaaucacugA	151	1	GDM
uaugggcacugguagaaucacugU	1	1	GDM
uaugggcacugguagaaucacugU	1	1	GDM
uaugggcacugguagaaucacugA	151	1	GDM
uaugggcacugguagaaucacugC	12	1	GDM
uaugggcacugguagaaucGcugU	1	1	GDM
uaugggcacugguagaaucacugAg	2	1	GDM
uaugggcacugguagaaucacugU	9	1	GDM
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uaugggcacugguagaaucacugU	1	1	GDM
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uaugggcacugguagaaucacugU	106	0	GDM
uaugggcacugguagaaucacugU	2	1	GDM
uaugggcacugguagaaucacugU	1	1	GDM
uaugggcacugguagaaucacugU	1	1	GDM
uaugggcacugguagaaucacugU	13	0	GDM
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uaugggcacugguagaaucacugU	13	0	GDM
uaugggcacugguagaaucacugU	1	1	GDM
uaugggcacugguagaaucacugU	1	1	GDM
uaugggcacugguagaaucacugU	53	1	GDM
uaugggcacugguagaaucacugU	1	1	GDM
uaugggcacugguagaaucacugU	5	1	GDM
uaugggcacugguagaaucacugU	6	1	GDM
uaugggcacugguagaaucacugU	6	1	GDM

Mature

Star

gugugacuccuguuucugugaugggcacugguagaauucacugugaacagucucagucagugaaauuccgaaggccaaaaacagagcagagacagauccacgagggccucc

.....augggcacuggCagaa <u>u</u> ucacu.....	7	1	GDM
.....augggcacCgguagaa <u>u</u> ucacu.....	7	1	GDM
.....augggcacugguagaa <u>u</u> ucacG.....	19	1	GDM
.....augggcGcugguagaa <u>u</u> ucacu.....	12	1	GDM
.....augggcacugguagaa <u>u</u> ucacC.....	203	1	GDM
.....auUgcacugguagaa <u>u</u> ucacu.....	1	1	GDM
.....augAacacugguagaa <u>u</u> ucacu.....	3	1	GDM
.....augggcUcugguagaa <u>u</u> ucacu.....	4	1	GDM
.....aAgggcacugguagaa <u>u</u> ucacu.....	3	1	GDM
.....augggcacuAguagaa <u>u</u> ucacu.....	3	1	GDM
.....augggcacugguagU <u>u</u> ucacu.....	5	1	GDM
.....augggcacugguagaa <u>u</u> ucacC.....	203	1	GDM
.....augggcacugguagaaC <u>u</u> cacu.....	20	1	GDM
.....augggcacuCguagaa <u>u</u> ucacu.....	1	1	GDM
.....augggcacugguagaG <u>u</u> ucacu.....	6	1	GDM
.....Guggcacugguagaa <u>u</u> ucacu.....	7	1	GDM
.....augggcacugguagaa <u>u</u> ucacu.....	2496	0	GDM
.....augggcacugguagaG <u>u</u> ucacu.....	6	1	GDM
.....augggcacugguagaa <u>u</u> ucacu.....	2496	0	GDM
.....augggcacugguagaaC <u>u</u> cacu.....	20	1	GDM
.....augggcacugguagaa <u>u</u> ucacA.....	53	1	GDM
.....aCggcacugguagaa <u>u</u> ucacu.....	6	1	GDM
.....augggcacugguagaaU <u>u</u> ucacu.....	8	1	GDM
.....Guggcacugguagaa <u>u</u> ucacu.....	7	1	GDM
.....augggcGcugguagaa <u>u</u> ucacu.....	12	1	GDM
.....augggcacugguagaa <u>u</u> ucGcu.....	14	1	GDM
.....Guggcacugguagaa <u>u</u> ucacu.....	7	1	GDM
.....augggcacugguagaa <u>u</u> uUacu.....	6	1	GDM
.....augggcGcugguagaa <u>u</u> ucacu.....	12	1	GDM
.....Nuggcacugguagaa <u>u</u> ucacu.....	1	1	GDM
.....auAgcacugguagaa <u>u</u> ucacu.....	7	1	GDM
.....augggcacugguagaa <u>u</u> ucacG.....	19	1	GDM
.....augggcacCgguagaa <u>u</u> ucacu.....	7	1	GDM
.....augggcacugguagaa <u>u</u> uAacu.....	1	1	GDM
.....augggUacugguagaa <u>u</u> ucacu.....	4	1	GDM
.....augggcacugguagaaU <u>u</u> ucacu.....	8	1	GDM
.....augggcacugguagaa <u>u</u> ucacG.....	19	1	GDM
.....aCggcacugguagaa <u>u</u> ucacu.....	6	1	GDM
.....auAgcacugguagaa <u>u</u> ucacu.....	7	1	GDM
.....augggcacugguagaa <u>u</u> ucacC.....	203	1	GDM
.....augggcacugA <u>u</u> agaa <u>u</u> ucacu.....	4	1	GDM
.....augggcacuggCagaa <u>u</u> ucacu.....	7	1	GDM
.....augggcacugguagCau <u>u</u> ucacu.....	1	1	GDM
.....augggcacugA <u>u</u> agaa <u>u</u> ucacu.....	4	1	GDM
.....auCgcacugguagaa <u>u</u> ucacu.....	1	1	GDM
.....augggcacugguagaa <u>u</u> ucGcu.....	14	1	GDM
.....augggcaUugguagaa <u>u</u> ucacu.....	3	1	GDM
.....augggcacugguaA <u>u</u> aa <u>u</u> ucacu.....	1	1	GDM
.....augUcacugguagaa <u>u</u> ucacu.....	1	1	GDM
.....augggcacuggGagaa <u>u</u> ucacu.....	1	1	GDM
.....augggcacuAguagaa <u>u</u> ucacu.....	3	1	GDM
.....augggcacugguagaaU <u>u</u> ucacu.....	8	1	GDM
.....augggcacugguagaa <u>u</u> ucGcu.....	14	1	GDM
.....augggcacuAguagaa <u>u</u> ucacu.....	3	1	GDM
.....augggcacugguUgaa <u>u</u> ucacu.....	1	1	GDM
.....augggcUcugguagaa <u>u</u> ucacu.....	4	1	GDM
.....aGggcacugguagaa <u>u</u> ucacu.....	1	1	GDM
.....auAgcacugguagaa <u>u</u> ucacu.....	7	1	GDM
.....augggcacAgguagaa <u>u</u> ucacu.....	3	1	GDM
.....augggcacugguCgaa <u>u</u> ucacu.....	7	1	GDM
.....augggcacAgguagaa <u>u</u> ucacu.....	3	1	GDM
.....augggcacugguagaaC <u>u</u> cacu.....	20	1	GDM
.....augggcacuggCagaa <u>u</u> ucacu.....	7	1	GDM
.....augAacacugguagaa <u>u</u> ucacu.....	3	1	GDM
.....augggcacGgguagaa <u>u</u> ucacu.....	2	1	GDM
.....augggcacAgguagaa <u>u</u> ucacu.....	3	1	GDM
.....augggcacugguagaa <u>u</u> ucacu.....	2496	0	GDM
.....augggcacugguagaG <u>u</u> ucacu.....	6	1	GDM
.....augggcacugguagaaA <u>u</u> ucacu.....	1	1	GDM
.....augggcacugguagaa <u>u</u> ucacA.....	53	1	GDM

Mature

Star

Sequence	Count	Count	Category
gugugacuccuguuucugug <u>auggcacugguagaa<u>u</u>uacugugaa<u>ca</u>gucucagucaguga<u>uu</u>uaccgaagggccaua<u>aa</u>acagagcagagacagauccacgagggccucc</u>	1	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>U</u>	3	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cu</u>	1	1	GDM
..... <u>U</u> ggcacugguagaa <u>u</u> u <u>ca</u> cu	7	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuC</u>	2	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuA</u>	17	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>Ug</u>	3	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuG</u>	1	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuG</u>	2	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>Ug</u>	3	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuG</u>	1	1	GDM
..... <u>U</u> ggcacugguagaa <u>u</u> u <u>ca</u> cuG	1	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuG</u>	359	0	GDM
..... <u>a</u> ggcacugguagaa <u>u</u> u <u>ca</u> cuG	1	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuGg</u>	17	1	GDM
..... <u>a</u> Cggcacugguagaa <u>u</u> u <u>ca</u> cuG	3	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuG</u>	3	1	GDM
..... <u>a</u> Cggcacugguagaa <u>u</u> u <u>ca</u> cuG	3	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuG</u>	1	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuG</u>	1	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuA</u>	17	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuG</u>	3	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuU</u>	2	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuG</u>	3	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuC</u>	2	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuG</u>	359	0	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuA</u>	17	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuG</u>	359	0	GDM
..... <u>au</u> Ugcacugguagaa <u>u</u> u <u>ca</u> cuG	1	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuGu</u>	234	0	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuGC</u>	21	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuGC</u>	21	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuGu</u>	2	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuGu</u>	234	0	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuGu</u>	3	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuGG</u>	2	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuGc</u>	3	1	GDM
..... <u>augU</u> cacugguagaa <u>u</u> u <u>ca</u> cuGu	1	1	GDM
..... <u>a</u> Cggcacugguagaa <u>u</u> u <u>ca</u> cuGu	2	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuGu</u>	2	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuGu</u>	234	0	GDM
..... <u>U</u> ggcacugguagaa <u>u</u> u <u>ca</u> cuGu	2	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuGu</u>	1	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuGc</u>	3	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuGC</u>	21	1	GDM
..... <u>U</u> ggcacugguagaa <u>u</u> u <u>ca</u> cuGu	2	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuGu</u>	3	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuGu</u>	1	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuGA</u>	226	1	GDM
..... <u>auggcacugA</u> uagaa <u>u</u> u <u>ca</u> cuGu	1	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuGA</u>	226	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuGA</u>	226	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuGU</u>	15	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuGAg</u>	2	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuGC</u>	1	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuGA</u>	6	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuGU</u>	15	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuGA</u>	6	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuGU</u>	15	1	GDM
..... <u>auggcacugguagaa<u>u</u>u<u>ca</u>cuCa</u>	1	1	GDM
..... <u>uggc</u> acugguagaa <u>u</u> u <u>ca</u> cu	8	0	GDM
..... <u>uggc</u> acugguagaa <u>u</u> u <u>ca</u> cu	8	0	GDM
..... <u>uggc</u> acugguagaa <u>u</u> u <u>ca</u> cu	8	0	GDM
..... <u>uggc</u> acugguagaa <u>u</u> u <u>ca</u> cuGA	2	1	GDM
..... <u>g</u> uagaa <u>u</u> uaccgaagggccaua	1	0	GDM
..... <u>u</u> gaa <u>u</u> uaccgaagggccaua	13	0	GDM
..... <u>u</u> gaa <u>u</u> uaccgaagggccauU	1	1	GDM
..... <u>u</u> gaa <u>u</u> uaccgGagggccaua	1	1	GDM
..... <u>u</u> gaa <u>u</u> uaccgaagggccaua	13	0	GDM
..... <u>u</u> gaa <u>u</u> uaccgaagggccaua	13	0	GDM

Mature

Star

gugugacuccugucuguguaugggcacugguagaaucacugugaacagucucagucagugaauuaccgaagggccaua

Sequence	Count	Count	Label
.....ugaauuaccgaagggccauaGa.....	1	1	GDM
.....uguaugggcacugguagaauc.....	1	0	Z3_
.....uguaugggcacugguagaaauca.....	1	0	Z3_
.....Cuaugggcacugguagaauu.....	1	1	Z3_
.....guaugggcacugguagaauuU.....	1	1	Z3_
.....guUugggcacugguagaauc.....	1	1	Z3_
.....guaugggcacugguagaaucacu.....	1	0	Z3_
.....uaugggcacugguagaaucC.....	1	1	Z3_
.....uaugggcacugguagaauu.....	18	0	Z3_
.....uaugggcacugguagaauuU.....	6	1	Z3_
.....uaugggcacugguagaauc.....	18	0	Z3_
.....uUugggcacugguagaauc.....	1	1	Z3_
.....uaugggcacCgguaagaauc.....	1	1	Z3_
.....uaugggcacugguagaauuA.....	2	1	Z3_
.....uauggcUcugguagaauc.....	1	1	Z3_
.....uaugggcacugguagaaUCca.....	1	1	Z3_
.....uaugggcacugguagUauuca.....	1	1	Z3_
.....uaAgggcacugguagaaauca.....	2	1	Z3_
.....uaugggcacGgguaagaaauca.....	1	1	Z3_
.....uaugggcacugguagaaGuuca.....	1	1	Z3_
.....uaugggcacugguagaaucG.....	5	1	Z3_
.....uaCggcacugguagaaauca.....	1	1	Z3_
.....uaugggcacugguagaaucC.....	1	1	Z3_
.....uaugggcacugguagaaauca.....	203	0	Z3_
.....uauggcGcugguagaaauca.....	1	1	Z3_
.....uaugggcacugguagaaucU.....	2	1	Z3_
.....uaugggcacugguagaauuUac.....	1	1	Z3_
.....uaugggcacugguagaaaucaU.....	1	1	Z3_
.....uaugggcacugguagaaUCcac.....	1	1	Z3_
.....uaugggcacugguagaaucac.....	12	0	Z3_
.....uaugggcacugguaAaaaucaacu.....	4	1	Z3_
.....uaugggcacugguagaaucacG.....	14	1	Z3_
.....uaugggcacAgguagaaucacu.....	5	1	Z3_
.....uaugggcacugguagaaUCucacu.....	9	1	Z3_
.....uaugggcacUguagaaucacu.....	1	1	Z3_
.....uaugggcacCgguaagaaucacu.....	16	1	Z3_
.....uGuggcacugguagaaucacu.....	12	1	Z3_
.....uaugAcacugguagaaucacu.....	1	1	Z3_
.....uaugggcacugguagaaUCcacu.....	15	1	Z3_
.....uaugggcacugguagaaUuucacu.....	1	1	Z3_
.....uaugAcacugguagaaucacu.....	4	1	Z3_
.....uaugggcacugAuaagaaucacu.....	1	1	Z3_
.....uCuggcacugguagaaucacu.....	1	1	Z3_
.....uauggcUcugguagaaucacu.....	2	1	Z3_
.....uUugggcacugguagaaucacu.....	4	1	Z3_
.....uaugggcacugguagaaUAcacu.....	3	1	Z3_
.....uauggcAUgguaagaaucacu.....	2	1	Z3_
.....uaugggcacuggAagaaucacu.....	1	1	Z3_
.....uaugggcacuggCagaauucacu.....	6	1	Z3_
.....Aaugggcacugguagaaucacu.....	3	1	Z3_
.....uaugggcacugguagaaucCcu.....	1	1	Z3_
.....uaugggcacugguCgaaucacu.....	5	1	Z3_
.....uaugggcacugguagaGuucacu.....	6	1	Z3_
.....uaCggcacugguagaaucacu.....	4	1	Z3_
.....uaugggcacugUuagaaucacu.....	1	1	Z3_
.....uaugggcacuAguagaaucacu.....	3	1	Z3_
.....uaugggcacugguagaaUAcacu.....	1	1	Z3_
.....uaugggcacugguUgaaucacu.....	2	1	Z3_
.....uaugggcacugguagaaUucaUu.....	2	1	Z3_
.....uaugggcacugguagaaucGcu.....	9	1	Z3_
.....uaugCcacugguagaaucacu.....	1	1	Z3_
.....uauggcGcugguagaaucacu.....	9	1	Z3_
.....uauggAcugguagaaucacu.....	1	1	Z3_
.....uaugggcacugguagaaucacA.....	59	1	Z3_
.....uaugggcacugguagaauuUacu.....	3	1	Z3_
.....uaugggcacugguagUauucacu.....	1	1	Z3_
.....uaugggcacugguagaaGuucacu.....	1	1	Z3_
.....uaugggcacugguagaaucacu.....	2269	0	Z3_
.....uaugggcacugguagCauucacu.....	1	1	Z3_

Mature

Star

Sequence	Mature	Star	Category
gugugacuccugucugug <u>uauggcacugguagaa<u>u</u>ucacugugaacagucucagucaguga<u>aa</u>uuccgaaggcc<u>aa</u>aaacagagcagagacagauccacgagggccucc</u>	1	1	Z3_
.....uauggcacuggGagaa <u>u</u> ucacu.....	1	1	Z3_
.....uauggcacugguagaa <u>u</u> ucacC.....	204	1	Z3_
.....uaAggcacugguagaa <u>u</u> ucacu.....	1	1	Z3_
.....uauggcacugguagaa <u>u</u> uAacu.....	1	1	Z3_
.....uauggGacugguagaa <u>u</u> ucacu.....	1	1	Z3_
.....uauggNacugguagaa <u>u</u> ucacu.....	1	1	Z3_
.....uauggcCcugguagaa <u>u</u> ucacu.....	2	1	Z3_
.....uauggcacugA <u>u</u> agaa <u>u</u> ucacug.....	2	1	Z3_
.....uauggcacugguagaa <u>u</u> ucacuC.....	1	1	Z3_
.....uauggcacugguagaa <u>u</u> ucacuA.....	16	1	Z3_
.....uauggcacugguagaa <u>u</u> ucacGg.....	1	1	Z3_
.....uauggcacugguagaa <u>u</u> ucacug.....	2	1	Z3_
.....uauggcacugguagaa <u>u</u> ucacug.....	135	0	Z3_
.....uauggcacugguagaa <u>u</u> ucacAg.....	1	1	Z3_
.....uaAggcacugguagaa <u>u</u> ucacug.....	2	1	Z3_
.....uauggcacugguagaa <u>u</u> ucacugA.....	35	1	Z3_
.....uauggcacugguagaa <u>u</u> ucacugC.....	3	1	Z3_
.....uaCggcacugguagaa <u>u</u> ucacugu.....	1	1	Z3_
.....uauggcacugguagaa <u>u</u> ucacugG.....	2	1	Z3_
.....uauggcacugguaA <u>aa</u> uucacugu.....	2	1	Z3_
.....uauggcacugguagaa <u>u</u> A <u>ac</u> acugu.....	1	1	Z3_
.....uauggcacugguagaa <u>u</u> ucacugu.....	50	0	Z3_
.....uauggcacugguagaa <u>u</u> ucacuguU.....	3	1	Z3_
.....uauggcacugguagaa <u>u</u> ucacuguC.....	1	1	Z3_
.....uauggcacugguagaa <u>u</u> ucacuguUa.....	1	1	Z3_
.....auggcacugguagaa <u>u</u> uc.....	1	0	Z3_
.....auggcacugguagaa <u>u</u> uca.....	8	0	Z3_
.....Guggcacugguagaa <u>u</u> uca.....	2	1	Z3_
.....auggcacugguagaa <u>u</u> ucac.....	2	0	Z3_
.....auggcacugguagaa <u>u</u> ucacG.....	5	1	Z3_
.....auggcacugguagaa <u>u</u> ucacu.....	442	0	Z3_
.....auggca <u>u</u> ugguagaa <u>u</u> ucacu.....	1	1	Z3_
.....auggcacG <u>g</u> guagaa <u>u</u> ucacu.....	4	1	Z3_
.....auggcacG <u>g</u> guagaa <u>u</u> ucacu.....	1	1	Z3_
.....auggcacugguagaa <u>u</u> ucacC.....	27	1	Z3_
.....auggcacugguagaa <u>u</u> u <u>U</u> acu.....	1	1	Z3_
.....auggcC <u>u</u> ugguagaa <u>u</u> ucacu.....	1	1	Z3_
.....auggcacugguagaa <u>u</u> ucacA.....	7	1	Z3_
.....auggcacuA <u>g</u> uagaa <u>u</u> ucacu.....	2	1	Z3_
.....auggcacuggCagaa <u>u</u> ucacu.....	2	1	Z3_
.....auggcacugguagaa <u>u</u> uA <u>ac</u> u.....	2	1	Z3_
.....auggcacugguagaa <u>u</u> C <u>u</u> acu.....	2	1	Z3_
.....aCggcacugguagaa <u>u</u> ucacu.....	1	1	Z3_
.....auggcacugguCgaa <u>u</u> ucacu.....	2	1	Z3_
.....aug <u>U</u> cacugguagaa <u>u</u> ucacu.....	1	1	Z3_
.....auggcacugguagaa <u>u</u> ucacuA.....	6	1	Z3_
.....auggcacugguagaa <u>u</u> ucacug.....	72	0	Z3_
.....auggcacuA <u>g</u> uagaa <u>u</u> ucacug.....	1	1	Z3_
.....auggcG <u>c</u> ugguagaa <u>u</u> ucacug.....	1	1	Z3_
.....auggcacugguagaa <u>u</u> C <u>u</u> cacug.....	1	1	Z3_
.....auggcacugguagaa <u>u</u> ucacCg.....	1	1	Z3_
.....auggcacugguagaa <u>u</u> Cc <u>ac</u> ug.....	1	1	Z3_
.....auggcacugguagaa <u>u</u> ucacugG.....	1	1	Z3_
.....auggcacugguagaa <u>u</u> uca <u>U</u> ugu.....	1	1	Z3_
.....auggcacugguagaa <u>u</u> ucacugu.....	67	0	Z3_
.....auggcacugguagaa <u>u</u> Cc <u>ac</u> ugu.....	1	1	Z3_
.....auggcacugguagaa <u>u</u> ucacugC.....	8	1	Z3_
.....auggcacugguagaa <u>u</u> ucacugA.....	66	1	Z3_
.....auggcacuggua <u>U</u> aa <u>u</u> ucacugu.....	1	1	Z3_
.....auggcacugguagaa <u>u</u> Gu <u>u</u> acacugu.....	1	1	Z3_
.....auggcG <u>c</u> ugguagaa <u>u</u> ucacugu.....	1	1	Z3_
.....auggcacugguagaa <u>u</u> ucacuguU.....	3	1	Z3_
.....auggcacugguagaa <u>u</u> ucacuguA.....	5	1	Z3_
.....uggcacugguagaa <u>u</u> ucacu.....	3	0	Z3_
.....guga <u>aa</u> uuccgaaggcc <u>aa</u>	2	0	Z3_
.....uga <u>aa</u> uuccgaaggcc <u>aa</u>	1	0	Z3_
.....uguauggcacugguagaa <u>u</u>	3	0	Z1_
.....uguauggcacugguagaa <u>u</u> uc.....	2	0	Z1_
.....uguauggcacugguagaa <u>u</u> uca.....	4	0	Z1_

Mature

Star

gugugacuccugucuguguaugggcacugguagaaucacugugaaacagucucagucagugaauuaccgaagggccauaaacagagcagagacagaucacgagggccucc

.....uguaugggcacugguagaaucacu.....	1	0	Z1_
.....guaugggcacugguagaauc.....	1	0	Z1_
.....guaugggcacugguagaaucG.....	1	1	Z1_
.....guaugggcacugguagaaucA.....	2	0	Z1_
.....guaugggcacugguagaaucACA.....	2	1	Z1_
.....uaugggcacugguagaaucC.....	2	1	Z1_
.....uaugggcacugguagaauc.....	20	0	Z1_
.....uaugggcacugguagaaucC.....	1	1	Z1_
.....uaugggcacuAguagaauc.....	1	1	Z1_
.....uaugggcacAgguagaauc.....	1	1	Z1_
.....uaugggcacugguagaauc.....	93	0	Z1_
.....uGuggcacugguagaauc.....	1	1	Z1_
.....uaugggcacugguagaaucU.....	2	1	Z1_
.....uGuggcacugguagaaucA.....	5	1	Z1_
.....uaugggcacugguaAaaucA.....	1	1	Z1_
.....uaugggcacCgguagaaucA.....	5	1	Z1_
.....uaugggcacugguagaaucCca.....	1	1	Z1_
.....uaugggcacuAguagaaucA.....	1	1	Z1_
.....uaugggcacugguagaaucCuca.....	2	1	Z1_
.....uaugggcacuggCagaaucA.....	1	1	Z1_
.....uaAgggcacugguagaaucA.....	1	1	Z1_
.....uNuggcacugguagaaucA.....	1	1	Z1_
.....uaugggcacugguagaaucAca.....	1	1	Z1_
.....uaugggcacugguagaaucC.....	1	1	Z1_
.....uaCggcacugguagaaucA.....	1	1	Z1_
.....uaugggcacugguagaaucGuca.....	2	1	Z1_
.....uaugggcacugguagaaucA.....	322	0	Z1_
.....uauggcUcugguagaaucA.....	2	1	Z1_
.....uaugggcacugguagaaucG.....	4	1	Z1_
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.....uaugggcacugguaUaaucac.....	1	1	Z1_
.....uaUAgcacugguagaaucac.....	1	1	Z1_
.....uaugggcacugguagaaucA.....	2	1	Z1_
.....Aaugggcacugguagaaucacu.....	2	1	Z1_
.....uaugggcacugguagaaucAgu.....	1	1	Z1_
.....uaugggcacugguagaaucCucacu.....	12	1	Z1_
.....uaugggcacugguaUaaucacu.....	5	1	Z1_
.....uaugggcacuggAagaaucacu.....	2	1	Z1_
.....uaugggcacugguagaaucacu.....	2477	0	Z1_
.....uaugggcacugguUgaaucacu.....	2	1	Z1_
.....uaugggcacugguaAaaucacu.....	3	1	Z1_
.....uaugggcacugguagUaaucacu.....	5	1	Z1_
.....uaugggcacugguagaaucGcu.....	13	1	Z1_
.....uaugUcacugguagaaucacu.....	2	1	Z1_
.....uaugggcacugguagaaucacG.....	14	1	Z1_
.....uaugggcacugguagaaucacC.....	201	1	Z1_
.....uaugggcacugguagaaucGuca.....	10	1	Z1_
.....uaugggcacAgguagaaucacu.....	2	1	Z1_
.....uaAgggcacugguagaaucacu.....	4	1	Z1_
.....uCuggcacugguagaaucacu.....	2	1	Z1_
.....Gaugggcacugguagaaucacu.....	6	1	Z1_
.....uaUAgcacugguagaaucacu.....	7	1	Z1_
.....uaugggcacugguagaaucacu.....	1	1	Z1_
.....uaugggcaUugguagaaucacu.....	8	1	Z1_
.....uaugggcacugguagaaucCacu.....	19	1	Z1_
.....uaugggcacugguagaaucCcu.....	1	1	Z1_
.....uaugggcacugguagaaucacA.....	49	1	Z1_
.....uaugggcacCgguagaaucacu.....	2	1	Z1_
.....uaCggcacugguagaaucacu.....	5	1	Z1_
.....uaugggcacugguagaaucA.....	6	1	Z1_
.....uaugggcacuAguagaaucacu.....	5	1	Z1_
.....uaugCcacugguagaaucacu.....	2	1	Z1_
.....uaugggcacGgguagaaucacu.....	2	1	Z1_
.....uaugAcacugguagaaucacu.....	5	1	Z1_
.....Naugggcacugguagaaucacu.....	1	1	Z1_
.....uUuggcacugguagaaucacu.....	1	1	Z1_
.....uaGggcacugguagaaucacu.....	1	1	Z1_
.....uaugggcacugguagaaucAca.....	1	1	Z1_
.....uaugggAacugguagaaucacu.....	1	1	Z1_
.....uaugggcGcugguagaaucacu.....	21	1	Z1_

Mature

Star

gugugacuccugucuguguaugggcacugguagaaauucacugugaacagucucagucagugaauuaccgaagggccaua

uaugggcacugguagaaauUacu.....	7	1	Z1_
uGuggcacugguagaaauucacu.....	13	1	Z1_
uaugggcacCgguagaaauucacug.....	1	1	Z1_
uaugggcacugguagaaauucacCg.....	1	1	Z1_
uCuggcacugguagaaauucacug.....	1	1	Z1_
uaugggcacugguGgaaauucacug.....	1	1	Z1_
uaugggcacuggCagaaauucacug.....	1	1	Z1_
uaugggcacugguagaaauucacug.....	136	0	Z1_
uaugggcacugguagaaauucacuC.....	1	1	Z1_
uaugggcacugguagaaCucacug.....	2	1	Z1_
uaugggcacugguagaaauucaUug.....	3	1	Z1_
uaCggcacugguagaaauucacug.....	2	1	Z1_
uaugggcacugguagaaauucacuA.....	11	1	Z1_
uGuggcacugguagaaauucacug.....	1	1	Z1_
uaugggcacugguagaaauucacCgu.....	1	1	Z1_
uaugggcacugguagaaauucacugu.....	33	0	Z1_
uaugggcacugguagaaauucacugA.....	43	1	Z1_
uaugggcacugguagaaauCcacug.....	1	1	Z1_
uaugggcacugguagaaauucacugG.....	1	1	Z1_
uaugggcacugguagaaauucacugC.....	4	1	Z1_
uaugggcCcugguagaaauucacugu.....	1	1	Z1_
uaugggcacCgguagaaauucacugu.....	3	1	Z1_
uaugggcacugguagaaauucacugAg.....	1	1	Z1_
uaugggcacugguagaaauucacuguA.....	4	1	Z1_
uaugggcacugguagaaauucacuguU.....	4	1	Z1_
uauggcacugguagaaauuc.....	3	0	Z1_
uauggcacugguagaaauuca.....	27	0	Z1_
uauggcacugguagaaauucac.....	7	0	Z1_
uauggUacugguagaaauucacu.....	1	1	Z1_
uauggcacugguagaaauUacu.....	1	1	Z1_
uaCggcacugguagaaauucacu.....	4	1	Z1_
uauggcacugguagaaauucacu.....	642	0	Z1_
uauggcacugguagaaauucGcu.....	4	1	Z1_
uauggcNcugguagaaauucacu.....	2	1	Z1_
uauggcacugguagaaauucacu.....	5	1	Z1_
uauggcacugguagaaauucacu.....	6	1	Z1_
uauggcacugguagaaauucacu.....	1	1	Z1_
uauggcacugguagaaauucacu.....	4	1	Z1_
uauggcacugguagaaUucacu.....	1	1	Z1_
uauggcacuggAagaaauucacu.....	2	1	Z1_
uaugUcacugguagaaauucacu.....	1	1	Z1_
uauggcacugguagaaauucaUu.....	2	1	Z1_
uauggcacugguagaaauUacu.....	1	1	Z1_
uauggcacugguagaaauucacG.....	3	1	Z1_
uauggcacugguagaaauCcacu.....	7	1	Z1_
uauggcacugguGgaaauucacu.....	2	1	Z1_
uauggcacCgguagaaauucacu.....	2	1	Z1_
uauggcacAgguagaaauucacu.....	2	1	Z1_
uaugAcacugguagaaauucacu.....	4	1	Z1_
uauggcGcugguagaaauucacu.....	5	1	Z1_
uauggcacugguagaaCucacu.....	3	1	Z1_
uauggcacugguagaaauucacC.....	50	1	Z1_
uauggcacugAuagaaauucacu.....	1	1	Z1_
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uauggcacugguagaaauucacuA.....	7	1	Z1_
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uauggcacuggCagaaauucacug.....	1	1	Z1_
uauggcacugguagaaauucaUug.....	1	1	Z1_
uaCggcacugguagaaauucacug.....	1	1	Z1_
uauggcacugguagaaCucacug.....	1	1	Z1_
uauggcacugguagaaauucacug.....	1	1	Z1_
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uauggcacugguagaaauucaAug.....	1	1	Z1_
uauggUacugguagaaauucacug.....	1	1	Z1_
uauggcacugguagaaCucacugu.....	1	1	Z1_
uauggcacugguagaaauucacugC.....	8	1	Z1_
uaugAcacugguagaaauucacugu.....	1	1	Z1_

Mature

Star

gugugacuccuguuucugug <u>auggcacugguagaauucacugugaacagucucagucag</u> ugaauuaccgaagggccaua ^{Star} aacagagcagagacagauccacgagggccucc			
.....auggcacugguagaauucacugG.....	1	1	Z1_
.....auggcacugguagaauucacugu.....	63	0	Z1_
.....auggcacugguagaauucacugA.....	55	1	Z1_
.....auggUacugguagaauucacugu.....	2	1	Z1_
.....auggcacugguagaauucacugAg.....	1	1	Z1_
.....auggcacugguagaauucacuguU.....	3	1	Z1_
.....auggcacugguagaauucacuguA.....	5	1	Z1_
.....ugaauuaccgaagggccau.....	2	0	Z1_