



## Star

## Mature

uaggaguguaucugacugccguugguuu <u>augccug</u> aaaauuu <u>cgcuu</u> gaccu <u>gacaaggga</u> uag <u>gugagc</u> aaa <u>guu</u> cagg <u>guga</u> cugccagguggccccaacac			
.....Uugagcaaa <u>guu</u> cagg <u>guga</u> .....	2	1	Mm3
.....Nugagcaa <u>guu</u> cagg <u>guga</u> .....	1	1	Mm3
.....gugagcaa <u>guu</u> cagg <u>gugC</u> .....	4	1	Mm3
.....gugagcaC <u>guu</u> cagg <u>guga</u> .....	3	1	Mm3
.....gCgagcaa <u>guu</u> cagg <u>guga</u> .....	1	1	Mm3
.....gugagcaa <u>guu</u> caggG <u>guga</u> .....	14	1	Mm3
.....gugagcaa <u>guu</u> cagg <u>guguUa</u> .....	4	1	Mm3
.....gugagcaa <u>guu</u> cGgg <u>guga</u> .....	2	1	Mm3
.....gugagcaa <u>guu</u> Ccagg <u>guga</u> .....	1	1	Mm3
.....gugagcaa <u>guu</u> cagg <u>gUga</u> .....	2	1	Mm3
.....gugagcaa <u>guu</u> cUgg <u>guga</u> .....	1	1	Mm3
.....gu <u>Agc</u> aaa <u>guu</u> cagg <u>guga</u> .....	1	1	Mm3
.....g <u>Agc</u> aaa <u>guu</u> cagg <u>guga</u> .....	3	1	Mm3
.....gugagcaa <u>guu</u> caU <u>guga</u> .....	1	1	Mm3
.....gugGc <u>aaa</u> guu <u>cagg</u> g <u>uga</u> .....	2	1	Mm3
.....gugagc <u>aaa</u> g <u>Au</u> cagg <u>guga</u> .....	8	1	Mm3
.....gugUgc <u>aaa</u> guu <u>cagg</u> g <u>uga</u> .....	2	1	Mm3
.....gugagc <u>aaa</u> guu <u>cagg</u> g <u>Aguga</u> .....	27	1	Mm3
.....gGgagc <u>aaa</u> guu <u>cagg</u> g <u>uga</u> .....	2	1	Mm3
.....gugagc <u>aaa</u> guu <u>cag</u> U <u>guga</u> .....	4	1	Mm3
.....gugagc <u>aaa</u> guu <u>cagg</u> g <u>Uguga</u> .....	13	1	Mm3
.....gugagc <u>aaa</u> guC <u>cagg</u> g <u>uga</u> .....	1	1	Mm3
.....gugagc <u>aaa</u> guuU <u>agg</u> g <u>uga</u> .....	2	1	Mm3
.....gugagcG <u>aaa</u> guu <u>cagg</u> g <u>uga</u> .....	1	1	Mm3
.....gugagc <u>aaa</u> guu <u>cagg</u> g <u>Aguga</u> .....	1	1	Mm3
.....gugagc <u>aaa</u> guu <u>cagg</u> g <u>uga</u> .....	5121	0	Mm3
.....gugagcU <u>aaa</u> guu <u>cagg</u> g <u>uga</u> .....	1	1	Mm3
.....gugagc <u>aaa</u> guu <u>cagg</u> g <u>ugU</u> .....	153	1	Mm3
.....gugagc <u>aaa</u> guu <u>cag</u> C <u>uga</u> .....	15	1	Mm3
.....gugaU <u>aaa</u> guu <u>cagg</u> g <u>uga</u> .....	1	1	Mm3
.....gugCg <u>aaa</u> guu <u>cagg</u> g <u>uga</u> .....	2	1	Mm3
.....gugagc <u>aaa</u> gG <u>uu</u> cagg <u>guga</u> .....	9	1	Mm3
.....gugagc <u>aaa</u> guu <u>cagg</u> g <u>ugac</u> .....	15	0	Mm3
.....gugagc <u>aaa</u> guu <u>cagg</u> g <u>ugaU</u> .....	178	1	Mm3
.....gugagc <u>aaa</u> guu <u>cagg</u> g <u>ugaA</u> .....	271	1	Mm3
.....gugagc <u>aaa</u> guu <u>cagg</u> g <u>ugaG</u> .....	4	1	Mm3
.....gugagc <u>aaa</u> guu <u>cagg</u> g <u>ugaUu</u> .....	29	1	Mm3
.....gugagc <u>aaa</u> guu <u>cagg</u> g <u>ugaGu</u> .....	2	1	Mm3
.....gugagc <u>aaa</u> guu <u>cagg</u> g <u>ugaAu</u> .....	17	1	Mm3
.....gugagc <u>aaa</u> guu <u>cagg</u> g <u>ugacu</u> .....	2	0	Mm3
.....ugagc <u>aaa</u> guu <u>cagg</u> g <u>ug</u> .....	2	0	Mm3
.....ugagc <u>aaa</u> guu <u>cagg</u> g <u>ugG</u> .....	12	1	Mm3
.....ugagc <u>aaa</u> guG <u>cagg</u> g <u>uga</u> .....	1	1	Mm3
.....ugagc <u>aaa</u> guu <u>cagg</u> g <u>uguga</u> .....	75	0	Mm3
.....ugagc <u>aaa</u> guu <u>cagg</u> g <u>Uga</u> .....	1	1	Mm3
.....ugagc <u>aaa</u> guu <u>cagg</u> g <u>ugU</u> .....	2	1	Mm3
.....ugagc <u>aaa</u> guu <u>cagg</u> g <u>uAuga</u> .....	2	1	Mm3
.....ugagc <u>aa</u> U <u>guu</u> cagg <u>gugac</u> .....	1	1	Mm3
.....ugagc <u>aaa</u> guu <u>cagg</u> g <u>ugaA</u> .....	7	1	Mm3
.....ugagc <u>aaa</u> guu <u>cagg</u> g <u>ugac</u> .....	4	0	Mm3
.....ugagc <u>aaa</u> guu <u>cagg</u> g <u>ugaU</u> .....	8	1	Mm3
.....ugagc <u>aaa</u> guu <u>cagg</u> g <u>ugacu</u> .....	1	0	Mm3
.....ugagc <u>aaa</u> guu <u>cagg</u> g <u>ugacA</u> .....	1	1	Mm3
.....uugacuugccguu <u>guug</u> guu.....	3	0	Fm3
.....uau <u>g</u> cc <u>u</u> gaa <u>uuu</u> u <u>cg</u> cuu <u>u</u> gacc.....	2	0	Fm3
.....au <u>g</u> cc <u>u</u> gaa <u>uuu</u> u <u>cg</u> cuu <u>u</u> gac.....	2	0	Fm3
.....au <u>g</u> cc <u>u</u> gaa <u>uuu</u> u <u>cg</u> cuu <u>u</u> gacc.....	14	0	Fm3
.....au <u>g</u> cc <u>u</u> gaa <u>uuu</u> u <u>cg</u> cuu <u>u</u> gaccu.....	68	0	Fm3
.....au <u>g</u> cc <u>u</u> gaa <u>uuu</u> u <u>cg</u> cG <u>u</u> u <u>g</u> accu.....	1	1	Fm3
.....au <u>g</u> cc <u>u</u> gaa <u>uuu</u> u <u>cg</u> cuu <u>u</u> gaccu.....	1	1	Fm3
.....Cgugagc <u>aaa</u> guu <u>cagg</u> g <u>uga</u> .....	12	1	Fm3
.....gugagc <u>aaa</u> guu <u>cagg</u> g.....	1	0	Fm3
.....gugagc <u>aaa</u> guu <u>cagg</u> g <u>A</u> .....	1	1	Fm3
.....gugagc <u>aaa</u> guu <u>cagg</u> g.....	57	0	Fm3
.....gugagc <u>aaa</u> guu <u>cagg</u> g <u>Ag</u> .....	2	1	Fm3
.....gugagc <u>aaa</u> guu <u>cagg</u> g <u>u</u> .....	84	0	Fm3
.....gugagc <u>aaa</u> guu <u>cagg</u> g <u>uA</u> .....	3	1	Fm3
.....gugagc <u>aaa</u> guu <u>cagg</u> gG <u>u</u> .....	1	1	Fm3
.....gugagc <u>aaa</u> guu <u>cag</u> C <u>ug</u> g.....	2	1	Fm3

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uaggaguguaucugacugccguugguuauagccugaaauuuucgcuugaccugacaagggauaggugagcaaaaguuucaggugugacugccaggugggccccaacac

.....gugagcGaa guuuucaggugug.....	1	1	Fm3
.....gugagcaaaagAuuucaggugug.....	1	1	Fm3
.....gugagcaaaaguuucaggugug.....	549	0	Fm3
.....gugagcaaaaguuuAaggugug.....	1	1	Fm3
.....gugagNaa guuuucaggugug.....	1	1	Fm3
.....gugagcaaa guuuucaggCGug.....	5	1	Fm3
.....gugagcaaG guuuucaggugug.....	1	1	Fm3
.....gugagcaaa guuuucaggAGug.....	2	1	Fm3
.....gugagcaaa guuuucaggUGug.....	2	1	Fm3
.....gugagcaaa guuuucaggGgug.....	3	1	Fm3
.....gugagcUaaguuucaggugug.....	1	1	Fm3
.....gugUGcaaa guuuucagguguga.....	5	1	Fm3
.....guUagcaaa guuuucagguguga.....	4	1	Fm3
.....gugagcUaaguuucagguguga.....	6	1	Fm3
.....gugagcaaa guuuucaggCGuga.....	219	1	Fm3
.....gugagcaaa guuuucaggUGGa.....	4	1	Fm3
.....gugagcaaa guuuucaggAGuga.....	72	1	Fm3
.....gCgagcaaa guuuucagguguga.....	3	1	Fm3
.....gugagcaaa guuuucGgguguga.....	3	1	Fm3
.....gugGgcaaa guuuucagguguga.....	4	1	Fm3
.....gugagcaaa guuuCagguguga.....	2	1	Fm3
.....gugagcCaaguuucagguguga.....	1	1	Fm3
.....Cugagcaaa guuuucagguguga.....	1	1	Fm3
.....gugagcaaa guuuucagguguUa.....	5	1	Fm3
.....gugagcaaa guuuucagUGuga.....	36	1	Fm3
.....gugagNaa guuuucagguguga.....	5	1	Fm3
.....gugagcaaa guuuAcagguguga.....	1	1	Fm3
.....gugagcaaaAuuucagguguga.....	1	1	Fm3
.....gugagcaaa guuuucaggAGuga.....	171	1	Fm3
.....gugagcAGa guuuucagguguga.....	2	1	Fm3
.....gugagcaaa guuuucagguguga.....	29819	0	Fm3
.....gugaAcaaa guuuucagguguga.....	3	1	Fm3
.....gugagGaaa guuuucagguguga.....	2	1	Fm3
.....gugagcaaa guuuUagguguga.....	34	1	Fm3
.....Nugagcaaa guuuucagguguga.....	14	1	Fm3
.....gugagcaaa guuuCagguguga.....	1	1	Fm3
.....gugagcaaG guuuucagguguga.....	3	1	Fm3
.....gugagcaaa guuuucaggugAGa.....	7	1	Fm3
.....gugagcaaa guuuucaggUCuga.....	1	1	Fm3
.....gugaUcaaa guuuucagguguga.....	2	1	Fm3
.....gugagcaaa guuuucaggugugC.....	14	1	Fm3
.....gugagcaaaG Auuucagguguga.....	60	1	Fm3
.....Augagcaaa guuuucagguguga.....	3	1	Fm3
.....gugagcaaa guuuucaggugugG.....	4	1	Fm3
.....gugagcaaa guuuucaggUUGuga.....	2	1	Fm3
.....gugagUaaa guuuucagguguga.....	3	1	Fm3
.....gugagcaaCGuuucagguguga.....	8	1	Fm3
.....gAgagcaaa guuuucagguguga.....	14	1	Fm3
.....gugagcGaaguuucagguguga.....	5	1	Fm3
.....gugCgcaaa guuuucagguguga.....	10	1	Fm3
.....gugagcaaa guuuucUGguguga.....	1	1	Fm3
.....gugagcaaa guuucaUGuguga.....	12	1	Fm3
.....gugagcaaa guuuucCGguguga.....	1	1	Fm3
.....gugagcaaaG Uuuucagguguga.....	52	1	Fm3
.....guCagcaaa guuuucagguguga.....	3	1	Fm3
.....gugagcaaa guuuucaggGguga.....	127	1	Fm3
.....gugagcaaaG Cuucagguguga.....	40	1	Fm3
.....gugagcaaa guuuucaggUAguga.....	6	1	Fm3
.....gugagcaaa guuCagguguga.....	3	1	Fm3
.....gugagcaaa guuuucagguguAa.....	6	1	Fm3
.....gugagcaaa guuuucaggugugU.....	1002	1	Fm3
.....gGgagcaaa guuuucagguguga.....	4	1	Fm3
.....gugagcaaaUuuucagguguga.....	3	1	Fm3
.....gugagcaaa guuuuAagguguga.....	8	1	Fm3
.....gugagcaaa guuuucaCGuguga.....	1	1	Fm3
.....gugagcaaa guuuucaggugCGa.....	4	1	Fm3
.....gugagcaUa guuuucagguguga.....	14	1	Fm3
.....gugagcaaa guuuucagguguCa.....	2	1	Fm3
.....gugagcaaa guuuucaAGuguga.....	1	1	Fm3
.....gugagcaaa guuuGagguguga.....	2	1	Fm3

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uaggaguguaucugacugccguugguuu <u>augccug</u> aaaauuu <u>cgcuu</u> ugacc <u>ugacaaggga</u> uag <u>gugag</u> caaa <u>guu</u> u <u>cagg</u> gugacugccagguggccccaacac			
.....gugagcaaa <u>guu</u> u <u>cag</u> Cuguga.....	87	1	Fm3
.....gugagcaCaguuu <u>cagg</u> guguga.....	7	1	Fm3
.....Uugagcaaa <u>guu</u> u <u>cagg</u> guguga.....	12	1	Fm3
.....gugaCcaa <u>guu</u> u <u>cagg</u> guguga.....	5	1	Fm3
.....gu <u>Ag</u> caaa <u>guu</u> u <u>cagg</u> guguga.....	10	1	Fm3
.....gugag <u>AA</u> aa <u>guu</u> u <u>cagg</u> guguga.....	2	1	Fm3
.....gugagcaaa <u>guu</u> u <u>cagg</u> gugugaG.....	13	1	Fm3
.....gugagcaa <u>guu</u> u <u>cagg</u> Cgugac.....	1	1	Fm3
.....gugagcaa <u>guu</u> u <u>cagg</u> gugac.....	33	0	Fm3
.....gugagcaaa <u>guu</u> u <u>cagg</u> gugaA.....	1013	1	Fm3
.....gugagcaa <u>guu</u> u <u>cagg</u> gugaU.....	626	1	Fm3
.....gugagcaaU <u>guu</u> u <u>cagg</u> gugac.....	12	1	Fm3
.....gugagcaa <u>guu</u> u <u>cagg</u> uCugac.....	1	1	Fm3
.....gugagcaa <u>guu</u> u <u>cagg</u> gugCcu.....	1	1	Fm3
.....gugagcaa <u>guu</u> u <u>cagg</u> gugaUu.....	47	1	Fm3
.....gugagcaa <u>guu</u> u <u>cagg</u> gugacu.....	3	0	Fm3
.....gugagcaa <u>guu</u> u <u>cagg</u> gugaGu.....	8	1	Fm3
.....gugagcaaa <u>guu</u> u <u>cagg</u> gugaAu.....	19	1	Fm3
.....ugagcaaa <u>guu</u> u <u>cagg</u> ug.....	1	0	Fm3
.....ugagcaaa <u>guu</u> u <u>cagg</u> ugu.....	1	0	Fm3
.....ugagcaaa <u>guu</u> u <u>cagg</u> ugug.....	4	0	Fm3
.....ugagcaaa <u>guu</u> uCGgguguga.....	1	1	Fm3
.....ugagcaaa <u>guu</u> u <u>cagg</u> uCuuga.....	7	1	Fm3
.....ugagcaaa <u>guu</u> u <u>cagg</u> Aguga.....	4	1	Fm3
.....uUagcaaa <u>guu</u> u <u>cagg</u> guguga.....	1	1	Fm3
.....ugagUaa <u>guu</u> u <u>cagg</u> guguga.....	1	1	Fm3
.....ugagcaaa <u>guu</u> u <u>cagg</u> Cguga.....	1	1	Fm3
.....ugagcaaa <u>guu</u> uCGgguguga.....	1	1	Fm3
.....ugagcaaa <u>guu</u> u <u>cagg</u> guAa.....	1	1	Fm3
.....ugagcaaa <u>guu</u> u <u>cagg</u> gugC.....	2	1	Fm3
.....ugagcaaa <u>guu</u> u <u>cagg</u> uUuga.....	4	1	Fm3
.....ugCgcaa <u>guu</u> u <u>cagg</u> guguga.....	1	1	Fm3
.....ugagcaaa <u>guu</u> u <u>cag</u> Cuguga.....	1	1	Fm3
.....ugagcaaa <u>guu</u> u <u>cagg</u> gugU.....	65	1	Fm3
.....uAagcaaa <u>guu</u> u <u>cagg</u> guguga.....	1	1	Fm3
.....ugagcaaa <u>gu</u> uGucagguguga.....	5	1	Fm3
.....ugagcaaa <u>gu</u> uAucagguguga.....	4	1	Fm3
.....ugUgcaa <u>guu</u> u <u>cagg</u> guguga.....	1	1	Fm3
.....ugagcaaa <u>guu</u> u <u>cagg</u> uAuga.....	8	1	Fm3
.....ugagcaaa <u>guu</u> u <u>cagg</u> guguga.....	918	0	Fm3
.....ugagcaaa <u>guu</u> u <u>cagg</u> gugac.....	32	0	Fm3
.....ugagcaaa <u>guu</u> u <u>cagg</u> gugaA.....	112	1	Fm3
.....ugagcaaa <u>guu</u> u <u>cagg</u> gugaU.....	97	1	Fm3
.....ugagcaaU <u>guu</u> u <u>cagg</u> gugac.....	15	1	Fm3
.....ugagcaaa <u>guu</u> u <u>cagg</u> uUugac.....	1	1	Fm3
.....ugagcaaa <u>guu</u> u <u>cagg</u> gugaUu.....	3	1	Fm3
.....ugagcaaa <u>guu</u> u <u>cagg</u> gugaAu.....	2	1	Fm3
.....ugagcaaU <u>guu</u> u <u>cagg</u> gugacu.....	6	1	Fm3
.....ugagcaaa <u>guu</u> u <u>cagg</u> gugacu.....	6	0	Fm3
.....gagcaaa <u>guu</u> u <u>cagg</u> guguga.....	1	0	Fm3
.....uauGCCUGaaa <u>uuu</u> CGcuuugac.....	1	0	Mm2
.....uauGCCUGaaa <u>uuu</u> CGcuuugacc.....	1	0	Mm2
.....auGCCUGaaa <u>uuu</u> CGcuuugU.....	1	1	Mm2
.....auGCCUGaaa <u>uuu</u> CGcuuugac.....	4	0	Mm2
.....auGCCUGaaa <u>uuu</u> CGcuuugac.....	1	1	Mm2
.....auGCCUGaaa <u>uuu</u> CGcuuugacc.....	18	0	Mm2
.....UuGCCUGaaa <u>uuu</u> CGcuuugaccu.....	1	1	Mm2
.....auGCCUGaGau <u>uuu</u> CGcuuugaccu.....	1	1	Mm2
.....auGCCUGaaa <u>uuu</u> CGcuuugaccA.....	1	1	Mm2
.....auGCCUGaaa <u>uuu</u> CGcuuugaccu.....	84	0	Mm2
.....auGCCUGaaa <u>uuu</u> CGcCuugaccu.....	1	1	Mm2
.....auGCCUGaaa <u>uuu</u> CGcuuugaccG.....	5	1	Mm2
.....auGCCUGaaa <u>uuu</u> CGcuuugaccuU.....	2	1	Mm2
.....auGCCUGaaa <u>uuu</u> CGcAuugaccugacaagggaug.....	1	1	Mm2
.....CGugagcaaa <u>guu</u> u <u>cagg</u> guguga.....	5	1	Mm2
.....gugagcaaa <u>guu</u> u <u>cagg</u> u.....	5	0	Mm2
.....gugagcaaa <u>guu</u> u <u>cagg</u> uA.....	1	1	Mm2
.....gugagcaaa <u>guu</u> u <u>cagg</u> ug.....	31	0	Mm2
.....gCgagcaaa <u>guu</u> u <u>cagg</u> ugu.....	2	1	Mm2

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uaggaguguaucugacugccguugguuauugccugaaaauuucgcuugaccugacaagggaauaggugagcaaaaguuucaggugugacugccaggugggccccaacac

.....gugagcaaaaguuucaggGcu.....	2	1	Mm2
.....gugagcaaaaguuucaggugG.....	2	1	Mm2
.....gugagcaaaaguuucagCugu.....	1	1	Mm2
.....gugagcaaaaguuucagguggu.....	49	0	Mm2
.....gugagcaaaaguuucaggugguU.....	2	1	Mm2
.....gugagcaaaaguuucaggGcuug.....	3	1	Mm2
.....gugagcaaaaguuucagUugug.....	1	1	Mm2
.....gugagcaaaaguuucaggAgug.....	2	1	Mm2
.....gugagcaaaaguuucaggugug.....	154	0	Mm2
.....gugagcaaaaguuucaggGgu.....	2	1	Mm2
.....gugagcaaaaguuuAagguguga.....	2	1	Mm2
.....gugagcaaaagAuuucagguguga.....	14	1	Mm2
.....gugagcaaaaguuucaggguUuga.....	1	1	Mm2
.....gugagcaaaaguuucaggGguga.....	26	1	Mm2
.....gugagcaaaaguuucaggugugG.....	1765	1	Mm2
.....gugagcCaaguuucagguguga.....	1	1	Mm2
.....gugagcaaaaguuucaggguAuga.....	1	1	Mm2
.....gugagAaaaaguuucagguguga.....	1	1	Mm2
.....gugagcaaaaguuucagguguga.....	7398	0	Mm2
.....gugagcaaaagGuucagguguga.....	7	1	Mm2
.....gugagcaCaguucagguguga.....	1	1	Mm2
.....Uugagcaaaaguuucagguguga.....	3	1	Mm2
.....gugagcaaCguucagguguga.....	2	1	Mm2
.....gugagCcaaaguuucagguguga.....	1	1	Mm2
.....gugagcaaaaguuucaCguguga.....	2	1	Mm2
.....gugagNaaaguuucagguguga.....	1	1	Mm2
.....Nugagcaaaaguuucagguguga.....	4	1	Mm2
.....gugagcUaaaguuucagguguga.....	2	1	Mm2
.....gugagcaaagCuucagguguga.....	4	1	Mm2
.....Augagcaaaaguuucagguguga.....	3	1	Mm2
.....gugagcaaaaguuuUagguguga.....	6	1	Mm2
.....gugagcaaaaguuucaggugugC.....	12	1	Mm2
.....gugaUcaaaguuucagguguga.....	1	1	Mm2
.....gugagcaaaaguuucaggugCga.....	2	1	Mm2
.....gCgagcaaaaguuucagguguga.....	2	1	Mm2
.....gugagcaaaaguuucagUuguga.....	9	1	Mm2
.....gAgagcaaaaguuucagguguga.....	4	1	Mm2
.....gugCgcaaaguuucagguguga.....	2	1	Mm2
.....gugagcaaaaguuucagAuguga.....	19	1	Mm2
.....gugagUaaaguuucagguguga.....	2	1	Mm2
.....gGgagcaaaaguuucagguguga.....	1	1	Mm2
.....gugagcaaaaguuucGgguguga.....	3	1	Mm2
.....gugagcaaaaguuCcagguguga.....	1	1	Mm2
.....gugagcaGaguuucagguguga.....	1	1	Mm2
.....gugagcaaaaguuucagCuguga.....	20	1	Mm2
.....gugagcaaaaguuucaggAguga.....	52	1	Mm2
.....gugagcaaaaguuucaggugugU.....	183	1	Mm2
.....gugagcGaaaguuucagguguga.....	1	1	Mm2
.....gugagcaUaguuucagguguga.....	2	1	Mm2
.....gugagcaaaaguuucaggGguga.....	53	1	Mm2
.....gugagcaaaaguuucaggugugac.....	18	0	Mm2
.....gugUgcaaaguuucaggugugac.....	1	1	Mm2
.....gugagcaaaaguuucaggugugaA.....	500	1	Mm2
.....gugagcaaaaguuucaggAgugac.....	1	1	Mm2
.....gugagcaaaaguuucaggugugaG.....	6	1	Mm2
.....gugagcaaaaguuucaggugugaU.....	296	1	Mm2
.....gugagcaaaaguuucaggugugaUu.....	37	1	Mm2
.....gugagcaaaaguuucaggugugacu.....	5	0	Mm2
.....gugagcaaaaguuucaggugugaAu.....	14	1	Mm2
.....gugagcaaaaguuucaggugugacA.....	2	1	Mm2
.....gugagcaaaaguuucaggugugaGu.....	5	1	Mm2
.....gugagcaaaaguuucaggugugacC.....	6	1	Mm2
.....gugagcaaaaguuucaggugugacuU.....	1	1	Mm2
.....ugagcaaaaguuucaggugug.....	1	0	Mm2
.....ugagcaaaaguuucaggugugG.....	25	1	Mm2
.....ugagcaaaaguuucaggguAuga.....	3	1	Mm2
.....ugagcaaaaguuucaggguUuga.....	1	1	Mm2
.....ugagcaaaaguuucagguguga.....	92	0	Mm2
.....ugagcaaaaguuucaggugugU.....	5	1	Mm2
.....ugagcaaaaguuucaggugugaA.....	8	1	Mm2

## Star

## Mature

ugagguguaucuuugacuugccguuguuuguguaa	ugugaaauuuucgcuuugaccugacaagggauag	ugagcaaaaguuucaggugugaga	ugccagguggccccaacac			
.....ugagcaaaaguuucaggugugagG.....				1	1	Mm2
.....ugagcaaaaguuucaggugugac.....				12	0	Mm2
.....ugagcaaaaguuucaggugugau.....				16	1	Mm2
.....ugagcaaaUguuuucaggugugac.....				1	1	Mm2
.....ugagcaaaaguuucaggugugauu.....				1	1	Mm2
.....ugagcaaaaguuucaggugugacu.....				1	0	Mm2
.....ugagcaaaUguuuucaggugugacu.....				2	1	Mm2
.....ugagcaaaaguuucaggugugauu.....				1	1	Mm2
.....augccugaaaauuucgcuuugacc.....				3	0	Mm1
.....augccugaaaauuucgcuuugaccu.....				5	0	Mm1
.....augccugaaaauuucgcuuugaccugacaagggauagU.....				1	1	Mm1
.....gAgagcaaaaguuucaggugu.....				1	1	Mm1
.....gugagcaaaaguuucaggugu.....				15	0	Mm1
.....gugagcaaaagGuucaggugug.....				1	1	Mm1
.....gugagcaaaaguuucaggugug.....				17	0	Mm1
.....gAgagcaaaaguuucagguguga.....				1	1	Mm1
.....guAgagcaaaaguuucagguguga.....				2	1	Mm1
.....gGgagcaaaaguuucagguguga.....				1	1	Mm1
.....gugagcaaaaguuucaggugugU.....				97	1	Mm1
.....Uugagcaaaaguuucagguguga.....				4	1	Mm1
.....gugagcaaaaguuUagguguguga.....				1	1	Mm1
.....gugagcaaaaguuucaggAguga.....				15	1	Mm1
.....gugaUcaaaguuucagguguga.....				2	1	Mm1
.....gugagcaaaaguuucagUuguga.....				4	1	Mm1
.....gugUgcaaaaguuucagguguga.....				1	1	Mm1
.....gugagcaaaaguuucaCguguga.....				1	1	Mm1
.....gugagcaaaagAuucagguguga.....				3	1	Mm1
.....gugagcaaaaguuucaggugugG.....				130	1	Mm1
.....gugagcaaaaguuucagguguguUa.....				1	1	Mm1
.....gugagcaaaaguuucaggGguga.....				12	1	Mm1
.....gugagcaaaagGuucagguguga.....				5	1	Mm1
.....gugagcaaaaguuucagguguga.....				3084	0	Mm1
.....gugagcaaaaguuucagAuguga.....				7	1	Mm1
.....gugagcaaaaguuucGgguguga.....				2	1	Mm1
.....gugagcaaaaguuuGagguguga.....				1	1	Mm1
.....gugGgcaaaaguuucagguguga.....				1	1	Mm1
.....gugagcaCaguuucagguguga.....				2	1	Mm1
.....gugagcaaaaguuucaUguguga.....				1	1	Mm1
.....gugagcaaaaguuucCgguguga.....				1	1	Mm1
.....gugagcaaaaguuucaggCguga.....				12	1	Mm1
.....gugagcaaaagCuucagguguga.....				3	1	Mm1
.....gugagcaaaaguuucaggguUuga.....				2	1	Mm1
.....gugagcaGaguuucagguguga.....				1	1	Mm1
.....gugagcUaaguuucagguguga.....				1	1	Mm1
.....gugagAaaaguuucagguguga.....				1	1	Mm1
.....Nugagcaaaaguuucagguguga.....				2	1	Mm1
.....gugagcaaaaguuucagCuguga.....				8	1	Mm1
.....gugagcaUaguuucagguguga.....				1	1	Mm1
.....gugagcaaaaguuucaggugugaG.....				6	1	Mm1
.....gugagcaaaaguuucaggugugaU.....				77	1	Mm1
.....augccugaaaauuucgcuuugaccu.....				38	1	Mm1
.....gugagcaaaaguuucaggugugaAu.....				23	1	Mm1
.....ugagcaaaaguuucaggugugG.....				2	1	Mm1
.....ugagcaaaaguuucagguguga.....				22	0	Mm1
.....ugagcaaaaguuucaggguAu.....				1	1	Mm1
.....augccugaaaauuucgcuuugac.....				15	0	Fm2
.....augccugaaaauuucgcuuugacc.....				72	0	Fm2
.....augccugaaaauuucgcuuugaccA.....				1	1	Fm2
.....augccugaaaauuucgcuuugaccu.....				1	1	Fm2
.....augccugaaaauuucgcuuugaccG.....				10	1	Fm2
.....augccugaaaauuucgAuuuugaccu.....				2	1	Fm2
.....augccugaaaauuucgcuuugaccu.....				110	0	Fm2
.....Gugccugaaaauuucgcuuugaccu.....				1	1	Fm2
.....augccugaaaauuucgGuuuugaccu.....				1	1	Fm2
.....augccugaaaauuucgcuuugaccuU.....				17	1	Fm2
.....augccugaaaauuucgcuuugaccugacaagggauagA.....				11	1	Fm2
.....Cgugagcaaaaguuucagguguga.....				11	1	Fm2
.....gugagcaaaaguuucagggu.....				2	0	Fm2

## Star

## Mature

uaggaguguaucugacugccguugguuauugccugaaaauuuucgcuugaccugacaagggauggugagcaaaaguuucaggugugacugccaggugggccccaacac

.....gugagcaaaaguuucaggguA.....	5	1	Fm2
.....gugagcaaaaguuucagggAg.....	1	1	Fm2
.....gugagcaaaaguuucaggguU.....	3	1	Fm2
.....gugagcaaaaguuucagggug.....	28	0	Fm2
.....gugagcaaaaguuucagggugu.....	63	0	Fm2
.....gugagcaaaaguuucagggugG.....	5	1	Fm2
.....gugagcaaaaguuucagggAgU.....	1	1	Fm2
.....gugagcaaaaguuucagggAgug.....	1	1	Fm2
.....gugagcaaaaguuucagggugug.....	287	0	Fm2
.....gugagcaaaaguuucagggCgug.....	1	1	Fm2
.....gugagcaaaaguuucagggugug.....	3	1	Fm2
.....gugagcaaaaguuucagggGgug.....	1	1	Fm2
.....gugagcaaaaguuCcaggguguga.....	2	1	Fm2
.....gugagcaaaaguuucaggguAuga.....	1	1	Fm2
.....gugagcaaaaguuucagggCguga.....	41	1	Fm2
.....guUagcaaaaguuucaggguguga.....	3	1	Fm2
.....Uugagcaaaaguuucaggguguga.....	7	1	Fm2
.....gugagcaaaaguuCucaggguguga.....	1	1	Fm2
.....Nugagcaaaaguuucaggguguga.....	2	1	Fm2
.....gugagcaaaaguuucaggguguAa.....	1	1	Fm2
.....guCagcaaaaguuucaggguguga.....	3	1	Fm2
.....gugagcaaaaguuucaggguguga.....	4	1	Fm2
.....gugagcaaaaguuucagggAguga.....	43	1	Fm2
.....gugUgcaaaaguuucaggguguga.....	2	1	Fm2
.....Augagcaaaaguuucaggguguga.....	1	1	Fm2
.....gugagcaaaaguuucagggugugU.....	200	1	Fm2
.....gugagcaaaaguuucagggugCga.....	2	1	Fm2
.....gugCgcaaaaguuucaggguguga.....	2	1	Fm2
.....gugagcGaaguuucaggguguga.....	1	1	Fm2
.....gugagAaaaguuucaggguguga.....	1	1	Fm2
.....gugagcaaaaguuucagggGguga.....	40	1	Fm2
.....guAagcaaaaguuucaggguguga.....	5	1	Fm2
.....gugagcaaaaguuucaggguguUa.....	7	1	Fm2
.....gAgagcaaaaguuucaggguguga.....	1	1	Fm2
.....gugagcaaGguuucaggguguga.....	1	1	Fm2
.....gugagcaaaaguuucagUuguga.....	11	1	Fm2
.....gugagcaUaguuucaggguguga.....	2	1	Fm2
.....gugagcaaCguuucaggguguga.....	2	1	Fm2
.....gugagcaaaaguuucUgguguga.....	1	1	Fm2
.....gugagcaaaaguuucagggugugG.....	2130	1	Fm2
.....gugagcaCaguuucaggguguga.....	2	1	Fm2
.....gugaAcaaaaguuucaggguguga.....	1	1	Fm2
.....gugagcaaaaguuucGgguguga.....	6	1	Fm2
.....gugagcaaaaguuGcaggguguga.....	1	1	Fm2
.....gugagcaGaguuucaggguguga.....	3	1	Fm2
.....gugagcaaaaguuucagggugugC.....	11	1	Fm2
.....gugGgcaaaaguuucaggguguga.....	4	1	Fm2
.....gugagcaaaagCuucaggguguga.....	5	1	Fm2
.....gugagcaaaaguuucagAuguga.....	16	1	Fm2
.....gugagcaaaaguuucaggguguga.....	7706	0	Fm2
.....Cugagcaaaaguuucaggguguga.....	1	1	Fm2
.....gugagcaaaaguuucaggguguga.....	15	1	Fm2
.....gugagcaaaaguuucagCuguga.....	21	1	Fm2
.....gugagcaaaaguuucaUguguga.....	1	1	Fm2
.....gugagNaaaguuucaggguguga.....	4	1	Fm2
.....gugagcaaUguuucagggugugac.....	8	1	Fm2
.....gugagcaaaaguuucaggGgugac.....	1	1	Fm2
.....gugagcaaaaguuucagggugugaU.....	360	1	Fm2
.....gugagcaaaaguuucagggugugac.....	20	0	Fm2
.....gugagcaaaaguuucagggugugaA.....	539	1	Fm2
.....gugagcaaaaguuucagggugugaG.....	11	1	Fm2
.....gugagcaaaaguuucagggugugaGu.....	22	1	Fm2
.....gugagcaaaaguuucagggugugaAu.....	30	1	Fm2
.....gugagcaaaaguuucagggugugaUu.....	61	1	Fm2
.....gugagcaaaaguuucagggugugacG.....	1	1	Fm2
.....gugagcaaaaguuucagggugugacC.....	17	1	Fm2
.....gugagcaaaaguuucaggGgugacu.....	1	1	Fm2
.....gugagcaaaaguuucagggugugacu.....	14	0	Fm2
.....ugagcGaaaguuucaggguguga.....	1	1	Fm2
.....ugagcaaaaguuucaggguguga.....	116	0	Fm2

## Star

## Mature

uaggaguguauc <u>u</u> gac <u>u</u> gcccgu <u>u</u> gu <u>g</u> guu <u>a</u> ugccu <u>g</u> aaaauuu <u>c</u> gcuu <u>g</u> accu <u>g</u> acaaggg <u>a</u> uagggugagca <u>a</u> aguuu <u>c</u> agggu <u>g</u> ugacugccaggugggccccaacac			
.....ugagcaaa <u>g</u> uuu <u>c</u> agggu <u>g</u> uG.....	7	1	Fm2
.....ugagcaa <u>g</u> uuu <u>c</u> agggu <u>g</u> uG.....	35	1	Fm2
.....ugagcaaagCuucagggu <u>g</u> uga.....	1	1	Fm2
.....ugagcaaa <u>g</u> uuu <u>c</u> agggu <u>g</u> ugac.....	22	0	Fm2
.....ugagcaaa <u>g</u> uuu <u>c</u> agggu <u>g</u> ugaU.....	20	1	Fm2
.....ugagcaaU <u>g</u> uuu <u>c</u> agggu <u>g</u> ugac.....	7	1	Fm2
.....ugagcaaa <u>g</u> uuu <u>c</u> agggu <u>g</u> ugacu.....	27	0	Fm2
.....ugagcaaag <u>u</u> Aucagggu <u>g</u> ugacu.....	1	1	Fm2
.....ugagcaaa <u>g</u> uuu <u>c</u> agggu <u>g</u> ugaUu.....	17	1	Fm2
.....augccu <u>g</u> aaaauuu <u>c</u> gcuu <u>g</u> uga.....	5	0	Fm1
.....augccu <u>g</u> aaaauuu <u>c</u> gcuu <u>g</u> ugac.....	4	0	Fm1
.....augccu <u>g</u> aaaauuu <u>c</u> gcuuUacc.....	1	1	Fm1
.....augccu <u>g</u> aaaauuu <u>c</u> gAuuu <u>g</u> uagcc.....	1	1	Fm1
.....augccu <u>g</u> aaaauuu <u>c</u> gcuu <u>g</u> uagcc.....	11	0	Fm1
.....augccu <u>g</u> aaaauuu <u>c</u> gcuu <u>g</u> uagccG.....	4	1	Fm1
.....augccu <u>g</u> aaaauuu <u>c</u> gcuu <u>g</u> uagccu.....	42	0	Fm1
.....augccu <u>g</u> aaaauuu <u>c</u> gGcuu <u>g</u> uagccu.....	1	1	Fm1
.....augccu <u>g</u> aaaauuu <u>c</u> gcuu <u>g</u> uagccuU.....	6	1	Fm1
.....Gggugagcaa <u>g</u> uuu <u>c</u> agggu <u>g</u> uga.....	3	1	Fm1
.....Cgugagcaa <u>g</u> uuu <u>c</u> agggu <u>g</u> uga.....	3	1	Fm1
.....gugagcaa <u>g</u> uuu <u>c</u> aggu.....	17	0	Fm1
.....Augagcaa <u>g</u> uuu <u>c</u> agggu <u>g</u> .....	1	1	Fm1
.....Nugagcaa <u>g</u> uuu <u>c</u> agggu <u>g</u> .....	1	1	Fm1
.....gugagcaa <u>g</u> uuu <u>c</u> agguA.....	7	1	Fm1
.....gugagcaa <u>g</u> uuu <u>c</u> agguU.....	4	1	Fm1
.....gugagcaa <u>g</u> uuu <u>c</u> aggCG.....	4	1	Fm1
.....gugagcaa <u>g</u> uuu <u>c</u> agggu <u>g</u> .....	156	0	Fm1
.....gugagcaa <u>g</u> uuu <u>c</u> aggAg.....	1	1	Fm1
.....gugagcaa <u>g</u> uuu <u>c</u> aggCGu.....	3	1	Fm1
.....gugagcaa <u>g</u> uuu <u>c</u> agggu <u>g</u> .....	217	0	Fm1
.....gugagcaa <u>g</u> uuu <u>c</u> agguA <u>g</u> u.....	1	1	Fm1
.....gugagcaa <u>g</u> uuu <u>c</u> aggguG.....	19	1	Fm1
.....guUagcaa <u>g</u> uuu <u>c</u> agggu <u>g</u> .....	1	1	Fm1
.....gugagcaa <u>g</u> uuu <u>c</u> aggG <u>g</u> u.....	2	1	Fm1
.....gugagcaa <u>g</u> uuu <u>c</u> aggguGA.....	3	1	Fm1
.....gugagcaa <u>g</u> uuu <u>c</u> aggguGG.....	1	1	Fm1
.....gugagcaa <u>g</u> uuu <u>c</u> aggAg <u>g</u> .....	3	1	Fm1
.....gugagcaa <u>g</u> uuu <u>c</u> aggguU.....	10	1	Fm1
.....gugagcaa <u>g</u> uuu <u>c</u> aggguGA.....	4	1	Fm1
.....gugagcUa <u>g</u> uuu <u>c</u> agggu <u>g</u> .....	1	1	Fm1
.....gugagcaa <u>g</u> uuu <u>c</u> aggCG <u>g</u> .....	4	1	Fm1
.....gugagcaa <u>g</u> uuu <u>c</u> agguA <u>g</u> u <u>g</u> .....	1	1	Fm1
.....gugagcaa <u>g</u> uuuGagggu <u>g</u> .....	1	1	Fm1
.....gugagcaa <u>g</u> uuu <u>c</u> agggu <u>g</u> .....	512	0	Fm1
.....gugagcaaagAuucagggu <u>g</u> .....	3	1	Fm1
.....gugagcaaagGuucagggu <u>g</u> .....	1	1	Fm1
.....gugagcaG <u>g</u> uuu <u>c</u> agggu <u>g</u> .....	1	1	Fm1
.....gugagcaaaguuuAagggu <u>g</u> .....	1	1	Fm1
.....Uugagcaaaguuu <u>c</u> agggu <u>g</u> .....	1	1	Fm1
.....gugGcaaaguuu <u>c</u> agggu <u>g</u> .....	1	1	Fm1
.....gCgagcaaaguuu <u>c</u> agggu <u>g</u> .....	1	1	Fm1
.....gugGgcaaaguuu <u>c</u> agggu <u>g</u> .....	1	1	Fm1
.....gugagcaaaguuuCGgggu <u>g</u> .....	1	1	Fm1
.....gugagcaaaguuu <u>c</u> aggG <u>g</u> u <u>g</u> .....	4	1	Fm1
.....guAagcaaaguuu <u>c</u> agggu <u>g</u> .....	1	1	Fm1
.....Augagcaaaguuu <u>c</u> agggu <u>g</u> uga.....	5	1	Fm1
.....gugagcaaaguuu <u>c</u> aggAg <u>g</u> uga.....	72	1	Fm1
.....gugagGaaaguuu <u>c</u> agggu <u>g</u> uga.....	1	1	Fm1
.....gugagcaaag <u>u</u> Aucagggu <u>g</u> uga.....	1	1	Fm1
.....gCgagcaaaguuu <u>c</u> agggu <u>g</u> uga.....	4	1	Fm1
.....Uugagcaaaguuu <u>c</u> agggu <u>g</u> uga.....	12	1	Fm1
.....gugagcaaaguuGcagggu <u>g</u> uga.....	1	1	Fm1
.....gugagcaaaguuu <u>c</u> aggG <u>g</u> uga.....	65	1	Fm1
.....gugagcaaaguuu <u>c</u> agggu <u>g</u> uG.....	5013	1	Fm1
.....gugagcaaCGuuu <u>c</u> agggu <u>g</u> uga.....	2	1	Fm1
.....gugagcaaaguuu <u>c</u> agggu <u>g</u> uGC.....	62	1	Fm1
.....gugagcaaaguuu <u>c</u> agU <u>g</u> uga.....	21	1	Fm1
.....gAgagcaaaguuu <u>c</u> agggu <u>g</u> uga.....	7	1	Fm1
.....gugagcaaagGuucagggu <u>g</u> uga.....	13	1	Fm1



## Star

## Mature

uaggaguguaucugacugccguugguuauugccugaaaauuuucgcuugaccugacaagggauggugagcaaaaguuucaggugugacugccaggugggccccaacac

.....Nugagcaaaaguuucagguguga.....	5	1	Fml
.....gugagAaaaguuucagguguga.....	1	1	Fml
.....guAagcaaaaguuucagguguga.....	3	1	Fml
.....gugagcaaaaguuuAagguguga.....	4	1	Fml
.....gugUgcaaaaguuucagguguga.....	2	1	Fml
.....gugGgcaaaaguuucagguguga.....	3	1	Fml
.....guCagcaaaaguuucagguguga.....	1	1	Fml
.....gugagcaCaguuucagguguga.....	1	1	Fml
.....gugaCcaaaguuucagguguga.....	1	1	Fml
.....gugagcaaaagAuucagguguga.....	23	1	Fml
.....gugagcaaaaguuucaggugCga.....	2	1	Fml
.....gugaAcaaaguuucagguguga.....	3	1	Fml
.....gugCgcaaaaguuucagguguga.....	4	1	Fml
.....gugagcUaaguuucagguguga.....	3	1	Fml
.....gugagcaaaaguuucagAuguga.....	33	1	Fml
.....gugagcaaaaguuucagguguga.....	12695	0	Fml
.....gugagcaGaguuucagguguga.....	1	1	Fml
.....gugagNaaaguuucagguguga.....	1	1	Fml
.....gugagcaaaaguuucagCuguga.....	36	1	Fml
.....gGgagcaaaaguuucagguguga.....	2	1	Fml
.....gugagcaaaaguuCagguguga.....	1	1	Fml
.....gugagcaaaagCuucagguguga.....	13	1	Fml
.....gugagcaaaaguuucagguaAuga.....	1	1	Fml
.....gugagUaaaguuucagguguga.....	2	1	Fml
.....gugagcaaGguucagguguga.....	1	1	Fml
.....gugagcaaaaguuUagguguga.....	10	1	Fml
.....guUagcaaaaguuucagguguga.....	5	1	Fml
.....gugagcNaaguuucagguguga.....	1	1	Fml
.....gugagcaUaguuucagguguga.....	1	1	Fml
.....gugagcaaaaguuucaggCguga.....	83	1	Fml
.....gugagcaaaaguCucagguguga.....	1	1	Fml
.....gugagcaaaaguuucUgguguga.....	1	1	Fml
.....gugagcaaaaguuucGgguguga.....	7	1	Fml
.....gugagcaaaaguuucaggugAga.....	2	1	Fml
.....gugagcaaaaguuuAcagguguga.....	1	1	Fml
.....gugagcaaaaguuucagguguaUa.....	2	1	Fml
.....gugagcaaaaguuucagguguaCa.....	1	1	Fml
.....gugagcaaaCuucagguguga.....	1	1	Fml
.....gugagcaaaaguuucaggugugU.....	478	1	Fml
.....gugaUcaaaguuucagguguga.....	1	1	Fml
.....gugagcGaaguuucagguguga.....	4	1	Fml
.....gugagcaaaUuuucagguguga.....	1	1	Fml
.....gugagcaaUguucaggugugac.....	3	1	Fml
.....gugagcaaaaguuucaggugugaU.....	617	1	Fml
.....guAagcaaaaguuucaggugugac.....	1	1	Fml
.....gugagcaaaaguuucaggugugaG.....	29	1	Fml
.....gugagcaaaaguuucaggugugaA.....	847	1	Fml
.....gugagcaaaaguuucaggugugCc.....	1	1	Fml
.....gugagcaaaaguuucaggugugac.....	78	0	Fml
.....gugagcaaaaguuucaggugugacu.....	9	0	Fml
.....gugagcaaaaguuucaggugugaGu.....	11	1	Fml
.....gugagcaaaaguuucaggugugacC.....	12	1	Fml
.....gugagcaaaaguuucaggugugaAu.....	46	1	Fml
.....gugagcaaaaguuucaggugugaUu.....	85	1	Fml
.....gugagcaaaaguuucaggugugacCg.....	1	1	Fml
.....ugagcaaaagGuucagguguga.....	1	1	Fml
.....ugagcaaaaguuucagguguga.....	141	0	Fml
.....ugagcaaaaguuucaggugugG.....	51	1	Fml
.....ugagcaGaguuucagguguga.....	1	1	Fml
.....ugagcaaaaguuucUgguguga.....	1	1	Fml
.....ugagcaaaaguuucaggugugU.....	13	1	Fml
.....ugagcaaaaguuucaggAguuga.....	2	1	Fml
.....ugagcaaaaguuucaggugugaU.....	17	1	Fml
.....ugagcaaUguucaggugugac.....	7	1	Fml
.....ugagcaaaaguuucaggugugac.....	24	0	Fml
.....ugagcaaaaguuucaggugugaA.....	14	1	Fml
.....ugagcaaaaguuucaggugugacu.....	3	0	Fml
.....ugagcaaaaguuucaggugugaUu.....	4	1	Fml
.....ugagcaaaaguuucaggugugacuU.....	5	1	Fml
.....gagcaaaaguuucaggugug.....	3	0	Fml

Star

Mature

uaggaguguaucugacuugccguugguuaugccugaauuucgcuugaccugacaagggauaggugagcaaaguucaggugacugccaggugggcccaacac