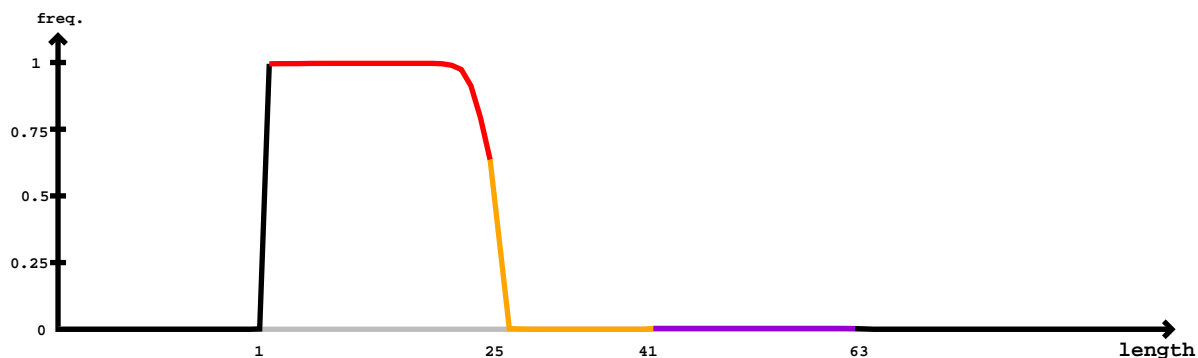


[illegible]

Star

## Mature

## Star

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## Mature

## Star

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## Mature

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## Mature

## Star

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## Mature

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## Mature

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## Mature

## Star

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## Mature

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## Mature

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## Mature

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## Mature

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## Mature

## Star

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## Mature

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.....	aaugggcacuggaagaauucacgA	.....		4	1	H21
.....	aaugggcacuggaagaauucacgC	.....		1	1	H21
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Star

[illegible]



## Mature

## Star

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## Mature

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.....	aaugggAacuggaagaauuca.....				1	1	H02
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.....	aaGgggcacuggaagaauucac.....				1	1	H02
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.....	aaugggcacuggaagaauuAac.....				1	1	H02
.....	aaugggcacCggaagaauucac.....				2	1	H02
.....	aaugggcacuggaagaCuca.....				4	1	H02
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.....	aaugggcacuggaagaauucaA.....				1	1	H02
.....	aaCgggcacuggaagaauucac.....				1	1	H02
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.....	aaugggcacuggGagaauucac.....				1	1	H02
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.....	aaugggcacuggaagaauucaUg.....				2	1	H02
.....	aaugggcaUuggaagaauucacg.....				1	1	H02
.....	aaugggcacuggaagGauucacg.....				1	1	H02
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.....	aaugggcacuggaagaauuAacg.....				5	1	H02
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## Mature

## Star

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## Mature

## Star

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.....	aaugggcacuggaagaaauccacggg	uAa	.....	1	1		H02
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.....	aaugggcacuggaagaaauccacggg	uuUau	.....	1	1		H02
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## Mature

## Star

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## Mature

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## Mature

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## Star

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## Mature

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## Mature

## Star

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Star

[illegible]

## Mature

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## Mature

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## Mature

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.....	aauggcacuggaagaaGucacggg	.....	.....	4	1	H24
.....	aaugUcacuggaagaauucacggg	.....	.....	1	1	H24
.....	aauggcacugUaagaauucacggg	.....	.....	2	1	H24
.....	aauggcacuggaagaauuAacggg	.....	.....	3	1	H24
.....	aauggcacuggaagaauucaUggg	.....	.....	3	1	H24
.....	aauggcacuggaagaaCucacggg	.....	.....	6	1	H24
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.....	aauggcacuggaagaauucacgCg	.....	.....	1	1	H24
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.....	aauggcacuggaagaauucacggguuC	.....	.....	1	1	H24

## Mature

## Star

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.....	aauggcacuggaagaauucacggguU	.....	cguggacucuuaguggcauca	.....	12	1	H24
.....	aauggcacuggaagaauucacggguuaa	.....	cguggacucuuaguggcaucac	.....	1	0	H24
.....	aauggcacuggaagaauucacggguuU	.....	cguggacucuuaguggcaucac	.....	3	1	H24
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.....	aauggcacuggaagaauucacggguAaa	.....	cguggacucuuaguggcaucacuU	.....	2	1	H24
.....	auggcacuggaagaauucacgU	.....	cguggacucuuaguggcauc	.....	1	1	H24
.....	auggcacuggaagaauucacgg	.....	cguggacucuuaguggcauc	.....	1	0	H24
.....	auggcacuggaagaauucacggg	.....	cguggacucuuaguggcauc	.....	5	0	H24
.....	auggcacuggaagaauucacgggA	.....	cguggacucuuaguggcauc	.....	2	1	H24
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.....	caauggcacuggaagaauucacggg	.....	cguggacucuuaguggcauc	.....	7	0	R71
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.....	aauggcacuggaagaGucacg	.....	cguggacucuuaguggcauc	.....	5	1	R71
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.....	aaugCgcacuggaagaauucacgg	.....	cguggacucuuaguggcauc	.....	2	1	R71
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.....	aauggcacuggaagaAucacgg	.....	cguggacucuuaguggcauc	.....	7	1	R71
.....	aauggcacuggaagaauucaUgg	.....	cguggacucuuaguggcauc	.....	1	1	R71
.....	aauggcacuggaagaauucacAg	.....	cguggacucuuaguggcauc	.....	2	1	R71

## Mature

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## Mature

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.....	aaugggcacuggaagaauuc	.....		13	0	A12
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## Mature

## Star

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## Mature

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## Mature

## Star

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## Mature

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## Mature

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.....	aaugggcacuggaagaauucacgU	.....	3	1	B11			
.....	aaugggcacuggaagUauucacgg	.....	1	1	B11			
.....	aaGggcacuggaagaauucacgg	.....	1	1	B11			
.....	aaugggcacuggaagaauuUacgg	.....	1	1	B11			
.....	aaugggcacuggaagaauucacggC	.....	5	1	B11			
.....	aaugggcacuggaagaauucacggg	.....	1	1	B11			
.....	aaugggcacuggaagaGucacggg	.....	3	1	B11			
.....	aaugggcacuggaagaauucacggA	.....	3	1	B11			
.....	aaugggcacuggaagaGucacggg	.....	1	1	B11			
.....	aaugggcacUggaagaauucacggg	.....	2	1	B11			
.....	aaugggcacUggaagaauucacggg	.....	2	1	B11			
.....	aaugggcacuggaagaauucacggg	.....	1	1	B11			
.....	aaugggcacuggaagaauucacgUg	.....	1	1	B11			
.....	aaugggcacuggaUaaauucacggg	.....	1	1	B11			
.....	aaugggcacuggaagaauucacgCg	.....	1	1	B11			
.....	aaugggcacuggaagaauucacggg	.....	2142	0	B11			
.....	aaGggcacuggaagaauucacggg	.....	5	1	B11			
.....	aaugggcacuggaagaauuAacggg	.....	4	1	B11			
.....	aaugUcacuggaagaauucacggg	.....	1	1	B11			
.....	aauggAacuggaagaauucacggg	.....	1	1	B11			
.....	aaugggcacuggaagaauucGcggg	.....	1	1	B11			
.....	Gauggcacuggaagaauucacggg	.....	1	1	B11			
.....	aaugggcacuggaagaauucacUgg	.....	2	1	B11			
.....	aaugggcacuggaagaauucAagg	.....	2	1	B11			
.....	aaCggcacuggaagaauucacggg	.....	3	1	B11			
.....	aaAggcacuggaagaauucacggg	.....	6	1	B11			
.....	aaugCcacuggaagaauucacggg	.....	1	1	B11			
.....	aaugAcacuggaagaauucacggg	.....	3	1	B11			
.....	aauggcGcuggaagaauucacggg	.....	3	1	B11			
.....	aauggcacuggaagaAucacggg	.....	2	1	B11			
.....	aaUgacacuggaagaauucacggg	.....	1	1	B11			
.....	aaugggcacuggaagaauuGacggg	.....	4	1	B11			
.....	aaugggcacugUagaauucacggg	.....	1	1	B11			
.....	aaugggcacugCaagaauucacggg	.....	1	1	B11			
.....	aaugggcacuggaagaauucacgggu	.....	33	0	B11			
.....	aaugggcacuggaagaauucacgggA	.....	50	1	B11			
.....	aaugggcacuggaagaauucacgggC	.....	2	1	B11			
.....	aaCggcacuggaagaauucacgggu	.....	1	1	B11			
.....	aaugggcacuggaagaauucacggguA	.....	1	1	B11			
.....	aaugggcacuggaagaauucacgggAu	.....	1	1	B11			
.....	aaugggcacuggaagaauucacggguG	.....	1	1	B11			
.....	aaugggcacuggaagaauucacggguuU	.....	1	1	B11			
.....	aaugggcacuggaagaauucacggguuUu	.....	1	1	B11			
.....	auggcacuggaagaauucacg	.....	1	0	B11			
.....	auggcacuggaagaauucacggg	.....	1	0	B11			
.....	gcacuggaagaauucacggg	.....	2	0	B11			
.....	cacuggaagaauucacggg	.....	1	0	B11			
.....	cguggacucuuaguggcauca	.....	3	0	B11			
.....	cguggacucuuaguggcaucac	.....	12	0	B11			
.....	cguggacucuuaguggcaCcac	.....	1	1	B11			
.....	caaugggcacuggaagaauucacg	.....	3	0	E13			

## Mature

## Star

cacucgcaccaugcacaggc	aaugggcacuggaagaauucacggg	uaauuuuuacauuccguggacucuuaguggcaucac	uggugguggggcgauucgccaucucaugaagau			
.....	caauggcacuggaagaauucacgg	.....		6	0	E13
.....	caauggcacuggaauaauucacggg	.....		1	1	E13
.....	Aaauggcacuggaagaauucacggg	.....		2	1	E13
.....	caauggcacuggaagaauGcacggg	.....		1	1	E13
.....	caauggcacuggaagaauucacggg	.....		84	0	E13
.....	caauggcacuggaagaauucacgggu	.....		1	0	E13
.....	caauggcacuggaagaauucacgggA	.....		1	1	E13
.....	aaugggcacuggaagaauu	.....		28	0	E13
.....	aaUgcacuggaagaauuc	.....		1	1	E13
.....	aauggcacuggaagaauuc	.....		59	0	E13
.....	aauggcacuggaagaauuGa	.....		1	1	E13
.....	aauggcacuggaagaauuca	.....		196	0	E13
.....	aauggcacuggaagUauuca	.....		1	1	E13
.....	aauggcacuggaagGauuca	.....		1	1	E13
.....	aaugCcacuggaagaauuca	.....		1	1	E13
.....	aauggcacuggaagaauucaU	.....		2	1	E13
.....	aauggcacuggaagaaCucac	.....		2	1	E13
.....	aaCggcacuggaagaauucac	.....		2	1	E13
.....	Cauggcacuggaagaauucac	.....		1	1	E13
.....	aauggcacuggaagaauucaA	.....		2	1	E13
.....	aaGggcacuggaagaauucac	.....		1	1	E13
.....	aauggcacugAaagaauucac	.....		1	1	E13
.....	aauggcacuggaagaauucac	.....		951	0	E13
.....	aauggcacuggaagaauuUac	.....		1	1	E13
.....	aauggcacuggaagUauucac	.....		1	1	E13
.....	aauggcaGuggaagaauucac	.....		2	1	E13
.....	aauggAacuggaagaauucac	.....		1	1	E13
.....	aaugCcacuggaagaauucac	.....		1	1	E13
.....	aauggcacuUgaagaauucac	.....		2	1	E13
.....	aauggcacuggaagaauuGac	.....		1	1	E13
.....	aauggcacugUaagaauucac	.....		1	1	E13
.....	aaAggcacuggaagaauucac	.....		3	1	E13
.....	aauggcacuggaagaaGucacg	.....		2	1	E13
.....	aaGggcacuggaagaauucacg	.....		3	1	E13
.....	aauggUacuggaagaauucacg	.....		1	1	E13
.....	aauggcacuggaacAauucacg	.....		1	1	E13
.....	aauggcacuggaagaauucaGg	.....		1	1	E13
.....	aaCggcacuggaagaauucacg	.....		2	1	E13
.....	aauggAacuggaagaauucacg	.....		1	1	E13
.....	aauggcacuggaagaauucacU	.....		1	1	E13
.....	aaugCcacuggaagaauucacg	.....		1	1	E13
.....	aauggcacAaggaagaauucacg	.....		1	1	E13
.....	aaugAcacuggaagaauucacg	.....		3	1	E13
.....	aauggcacuAgaagaauucacg	.....		1	1	E13
.....	aauggcacuggaagaauucaAg	.....		3	1	E13
.....	aauggcacuggaagGauucacg	.....		1	1	E13
.....	aauggcaAuggaagaauucacg	.....		1	1	E13
.....	aauggcacuggaagaauucacg	.....		1849	0	E13
.....	Uauggcacuggaagaauucacg	.....		1	1	E13
.....	aauggcacuggaagaauucacA	.....		5	1	E13
.....	aauggcacuggaagaauuGacg	.....		2	1	E13
.....	aauggGacuggaagaauucacg	.....		2	1	E13
.....	aaAggcacuggaagaauucacg	.....		4	1	E13
.....	aauggcacuggaagaaAucacg	.....		1	1	E13
.....	aauggcacugUaagaauucacg	.....		1	1	E13
.....	aauggcacuggaacAauucacgg	.....		1	1	E13
.....	aauggcacuggaagaaCucacgg	.....		2	1	E13
.....	aauggcacuggaagaauAcacgg	.....		1	1	E13
.....	aauggcacuggaagaauuUacgg	.....		6	1	E13
.....	aauggcacuggaagaauucaGgg	.....		5	1	E13
.....	aauggcacuggaagaauucacgA	.....		4	1	E13
.....	aauggcacuggaagaauucacgg	.....		6153	0	E13
.....	aauggcacugAaagaauucacgg	.....		2	1	E13
.....	aauggcacuggaAaauucacgg	.....		1	1	E13
.....	aauggcacuggaagaauuGacgg	.....		10	1	E13
.....	Uauggcacuggaagaauucacgg	.....		1	1	E13
.....	aauggcacuggaagaaGucacgg	.....		2	1	E13
.....	aauggcacugUagaauucacgg	.....		1	1	E13
.....	aauggcacugCaagaauucacgg	.....		2	1	E13
.....	aauggcacuggaagaauucacCg	.....		2	1	E13



## Mature

## Star

cacucgcaccaugcacaggc**aauggcacuggaagaauucacggg**uu**aa**uuuuuacau**uccg**uggacucuu**aguggcauacac**uggugguggggcgauucgccaucucaugaagau

.....aauggcUcuggaagaauucacgg.....	1	1	E13
.....aaugAcacuggaagaauucacgg.....	8	1	E13
.....aaucGcacuggaagaauucacgg.....	1	1	E13
.....Gauggcacuggaagaauucacgg.....	2	1	E13
.....aauggUacuggaagaauucacgg.....	3	1	E13
.....aauggcacuggaagaauucacUgg.....	4	1	E13
.....aauggcacuggaagaauucacgC.....	3	1	E13
.....aauggcacuUgaagaauucacgg.....	2	1	E13
.....aaCggcacuggaagaauucacgg.....	5	1	E13
.....aauggcacuggaagaauucUcgg.....	1	1	E13
.....aauggcacuggaagaUuucacgg.....	1	1	E13
.....aauggAacuggaagaauucacgg.....	2	1	E13
.....aGuggcacuggaagaauucacgg.....	1	1	E13
.....aauggcaGuggaagaauucacgg.....	1	1	E13
.....aauggcacuggaagaauucacgU.....	14	1	E13
.....aaAggcacuggaagaauucacgg.....	17	1	E13
.....aauggcacuggaagaauucAagg.....	7	1	E13
.....aauggcacuggaagGauucacgg.....	6	1	E13
.....aauggcacuggaagaauGcacgg.....	2	1	E13
.....aauggcacuggaagaAucacgg.....	7	1	E13
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.....aaUgcacuggaagaauucacgg.....	1	1	E13
.....aauggcacuggaagaauuAacgg.....	7	1	E13
.....aauggcacuggaagCauucacgg.....	2	1	E13
.....aaGggcacuggaagaauucacgg.....	7	1	E13
.....aauggcacuggaUgaauucacgg.....	3	1	E13
.....aauggcaAuggaagaauucacgg.....	1	1	E13
.....aauggcacuggaagUauucacgg.....	2	1	E13
.....aauggcacuAgaagaauucacgg.....	3	1	E13
.....aauggGacuggaagaauucacgg.....	1	1	E13
.....aauggcaUuggaagaauucacgg.....	2	1	E13
.....aauggcacugUaagaauucacgg.....	4	1	E13
.....aaugCcacuggaagaauucacgg.....	10	1	E13
.....aauggcacuggaagaauucacUg.....	2	1	E13
.....aaugUcacuggaagaauucacgg.....	9	1	E13
.....aauggcacugUaagaauucacggg.....	30	1	E13
.....aauggcacuggaagUauucacggg.....	39	1	E13
.....aauggcacuggaagaaCucacggg.....	54	1	E13
.....aauggcacuggaagaauCcacggg.....	7	1	E13
.....aauggcacuggaUgaauucacggg.....	12	1	E13
.....aauggcacuggaagaauucUggg.....	52	1	E13
.....aauggcacuggaagaauucUcggg.....	9	1	E13
.....aauggcUcuggaagaauucacggg.....	15	1	E13
.....aauggcacugAaagaauucacggg.....	8	1	E13
.....aauggcacuggaagaAucacggg.....	62	1	E13
.....aaAggcacuggaagaauucacggg.....	168	1	E13
.....aauggcacuggaagaauucacggU.....	29	1	E13
.....aauggcacuggaagaauucacUgg.....	27	1	E13
.....aauggUacuggaagaauucacggg.....	23	1	E13
.....aCuggcacuggaagaauucacggg.....	1	1	E13
.....aaUAgcacuggaagaauucacggg.....	16	1	E13
.....aaugAcacuggaagaauucacggg.....	93	1	E13
.....aauggcacuggaagaauucacAagg.....	22	1	E13
.....aauggcaAuggaagaauucacggg.....	45	1	E13
.....aUuggcacuggaagaauucacggg.....	13	1	E13
.....aauggcacuggaagaauucaAagg.....	64	1	E13
.....Cauggcacuggaagaauucacggg.....	2	1	E13
.....aauggcacuggaAaauucacggg.....	3	1	E13
.....aauggcacuggaagaauucacggA.....	31	1	E13
.....aauggcacuCgaagaauucacggg.....	14	1	E13
.....aauggcacuggaagaauucacCgg.....	8	1	E13
.....aauggcacuUgaagaauucacggg.....	32	1	E13
.....aauggGacuggaagaauucacggg.....	12	1	E13
.....aauggcacugCaagaauucacggg.....	8	1	E13
.....aauggcaUuggaagaauucacggg.....	38	1	E13
.....aauggcacuggaagaUuucacggg.....	20	1	E13
.....aauggcacuggaagaauucacgUg.....	67	1	E13
.....Gauggcacuggaagaauucacggg.....	6	1	E13
.....aauggcacuggaagaauucacggC.....	47	1	E13
.....Uauggcacuggaagaauucacggg.....	11	1	E13

Star

cacucgcaccacugcacaggc	aauggcacuggaagaauucacgggu	aauuuuuacauuccg	uggcacucuagugggcauca	cuggugggcgauucgccaucaugaagau
. . . . .	. aauggAacuggaagaauucacggg . . . . .	16	1	E13
. . . . .	. aauggcCcuggaagaauucacggg . . . . .	5	1	E13
. . . . .	. aaUgcacuggaagaauucacggg . . . . .	16	1	E13
. . . . .	. aaUCgcacuggaagaauucacggg . . . . .	19	1	E13
. . . . .	. aauggcAGuggaagaauucacggg . . . . .	22	1	E13
. . . . .	. aaUGCcacuggaagaauucacggg . . . . .	83	1	E13
. . . . .	. aauggcacuggaagaauucAGggg . . . . .	58	1	E13
. . . . .	. aauggcacuggaagaCuucacggg . . . . .	6	1	E13
. . . . .	. aauggcacuggaagaauucacGAg . . . . .	51	1	E13
. . . . .	. aaUGUcacuggaagaauucacggg . . . . .	43	1	E13
. . . . .	. aauggcGCuggaagaauucacggg . . . . .	15	1	E13
. . . . .	. aauggcacuggaGgaauucacggg . . . . .	11	1	E13
. . . . .	. aauggcacuggUagaauucacggg . . . . .	24	1	E13
. . . . .	. aauggcacuggaagaGuucacggg . . . . .	23	1	E13
. . . . .	. aaGGgcacuggaagaauucacggg . . . . .	102	1	E13
. . . . .	. aauggcacuggaagaauAcacggg . . . . .	7	1	E13
. . . . .	. aauggcacuggaagCaucacggg . . . . .	35	1	E13
. . . . .	. aauggcacuggaagaauucacggg . . . . .	88329	0	E13
. . . . .	. aauggcacuggaagaauUFacggg . . . . .	70	1	E13
. . . . .	. aauggcacuggaagaauucGcggg . . . . .	12	1	E13
. . . . .	. aauggcacCGgaagaauucacggg . . . . .	12	1	E13
. . . . .	. aauggcacuggaagaauucCcggg . . . . .	3	1	E13
. . . . .	. aauggcacuggaagGaucacggg . . . . .	73	1	E13
. . . . .	. aauggcacuggaagaauucacGcg . . . . .	29	1	E13
. . . . .	. aauggcacuAgaagaauucacggg . . . . .	12	1	E13
. . . . .	. aauggcacuggaagaGUcacggg . . . . .	88	1	E13
. . . . .	. aauggcacuggaACaaucacggg . . . . .	8	1	E13
. . . . .	. aauggcacuggaAUaaucacggg . . . . .	13	1	E13
. . . . .	. aauggcacAGgaagaauucacggg . . . . .	7	1	E13
. . . . .	. aauggcacuggGagaauucacggg . . . . .	14	1	E13
. . . . .	. aauggcacuggaagaauuAcggg . . . . .	82	1	E13
. . . . .	. AGuggcacuggaagaauucacggg . . . . .	3	1	E13
. . . . .	. aaCggcacuggaagaauucacggg . . . . .	75	1	E13
. . . . .	. aauggcacuggaagaauUGacggg . . . . .	123	1	E13
. . . . .	. aauggcacuggCagaauucacggg . . . . .	3	1	E13
. . . . .	. aauggcacuggaagaauucacGUgu . . . . .	1	1	E13
. . . . .	. aaUGCcacuggaagaauucacgggu . . . . .	1	1	E13
. . . . .	. aaGGgcacuggaagaauucacgggu . . . . .	1	1	E13
. . . . .	. aauggcacuggaagaauucacgggG . . . . .	20	1	E13
. . . . .	. aaAGgcacuggaagaauucacgggu . . . . .	1	1	E13
. . . . .	. aauggcacuggaagaauucacggGU . . . . .	6	1	E13
. . . . .	. aauggcacuggaagaauucacggCU . . . . .	9	1	E13
. . . . .	. aauggcacuggaagaauuAcgggu . . . . .	2	1	E13
. . . . .	. aauggcacuggaagaauucAGgggu . . . . .	1	1	E13
. . . . .	. aaUgcacuggaagaauucacgggu . . . . .	1	1	E13
. . . . .	. aauggcacuggaagGaucacgggu . . . . .	1	1	E13
. . . . .	. aauggcacuggaagaauucacgggC . . . . .	16	1	E13
. . . . .	. aauggcacuggaagaauucacgggu . . . . .	769	0	E13
. . . . .	. aauggcacuggaagaauUFacgggu . . . . .	1	1	E13
. . . . .	. aauggcacuggaagaauucacggGA . . . . .	1540	1	E13
. . . . .	. aauggcacuggaagaauucacggCUu . . . . .	1	1	E13
. . . . .	. aauggcacuggaagaauucacggGUu . . . . .	2	1	E13
. . . . .	. aauggcacuggaagaauucacggGAu . . . . .	23	1	E13
. . . . .	. aauggcacuggaagaauucacggGCu . . . . .	1	1	E13
. . . . .	. aauggcacuggaagaauucacggguA . . . . .	21	1	E13
. . . . .	. aauggcacuggaagaauucacggguuC . . . . .	3	1	E13
. . . . .	. aauggcacuggaagaauucacggguu . . . . .	46	0	E13
. . . . .	. aauggcacuggaagaauucacggguG . . . . .	1	1	E13
. . . . .	. aauggcacuggaagaauucacggguua . . . . .	1	0	E13
. . . . .	. aauggcacuggaagaauucacggguuA . . . . .	14	1	E13
. . . . .	. aauggcacuggaagaauucacggguuU . . . . .	27	1	E13
. . . . .	. aauggcacuggaagaauucacggguuaU . . . . .	4	1	E13
. . . . .	. aauggcacuggaagaauucacggguuUA . . . . .	1	1	E13
. . . . .	. aauggcacuggaagaauucacggguuAA . . . . .	2	1	E13
. . . . .	. aauggcacuggaagaauucacggguuCa . . . . .	1	1	E13
. . . . .	. aauggcacuggaagaauucacggguGaa . . . . .	1	1	E13
. . . . .	. aauggcacuggaagaauucacggguuaaA . . . . .	1	1	E13
. . . . .	. aauggcacuggaagaauucacggguuaUU . . . . .	1	1	E13
. . . . .	. aauggcacuggaagaauucacggguuUau . . . . .	2	1	E13
. . . . .	. aauggcacuggaagaauucacggguuaUUuuu . . . . .	1	1	E13

## Mature

## Star

cacucgcaccaugcagcaggc	aaugggcacuggaagaauucacgggu	aaauuuuacauucccguggacucuuaguggcaucac	ugggugggcgauucgccaucucaugaagau			
.....auggcacuggaagaauucacg.....				1	0	E13
.....auggcacuggaagaauucacgg.....				5	0	E13
.....auggcacuggaagaauucacggg.....				67	0	E13
.....auggcacuggUagaauucacggg.....				1	1	E13
.....auggcacuggaagaauucacgggu.....				1	0	E13
.....auggcacuggaagaauucacgggA.....				2	1	E13
.....auggcacuggaagaauucacggguU.....				1	1	E13
.....uggcacuggaagaauucacggg.....				5	0	E13
.....ggcacuggaagaauucacggg.....				1	0	E13
.....gcacuggaagaauucacg.....				3	0	E13
.....gcacuggaagaauucacgg.....				2	0	E13
.....Ucacuggaagaauucacggg.....				1	1	E13
.....gcCuggaagaauucacggg.....				1	1	E13
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.....gcacuggaagaauucacggg.....				59	0	E13
.....gcacuggaagaauucacgggA.....				1	1	E13
.....cacuggaagaauucacgg.....				4	0	E13
.....cacuggaagaauucacggg.....				16	0	E13
.....cacuggaagaauucacggA.....				1	1	E13
.....acuggaagaauucacggg.....				3	0	E13
.....acuggaagaauucacgggA.....				1	1	E13
.....cuggaagaauucacgggu.....				1	0	E13
.....uuUauuuuuacauucccguggacucuuaguggcauca.....				1	1	E13
.....uuUauuuuuacauucccguggacucuuaguggcaucac.....				5	1	E13
.....uUauuuuuacauucccguggacucuuaguggcaucac.....				1	1	E13
.....auuuuuacauucccguggacucuuaguggcaucac.....				1	0	E13
.....ccguggacucuuaguggcauca.....				1	0	E13
.....cguggacucuuaguggcauc.....				10	0	E13
.....cguggacucuuaguAagcauca.....				1	1	E13
.....cguggacucuuaguggcauca.....				64	0	E13
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## Mature

## Star

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## Mature

## Star

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## Mature

## Star

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## Mature

## Star

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## Mature

## Star

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.....	aaugggcacuggaCaauucacggg.....			4	1	E14
.....	aaugggcacugAaagaauucacggg.....			6	1	E14
.....	aaugggcacuggaagaUuucacggg.....			9	1	E14
.....	aaugggcacuggaUaauucacggg.....			9	1	E14
.....	aaugggcacuggaagaCucacggg.....			46	1	E14
.....	aaugggcacuggaagCauucacggg.....			26	1	E14
.....	aaugggcacuggaagaauucacgUg.....			61	1	E14
.....	Gaugggcacuggaagaauucacggg.....			10	1	E14
.....	aaugggcacAggaagaauucacggg.....			5	1	E14
.....	aaugggcacuggaagaauucUcggg.....			8	1	E14
.....	aaugggcacuggcagaauucacggg.....			9	1	E14
.....	aaugggcacuggaagaauucaAggg.....			65	1	E14
.....	aaugggcacCggaagaauucacggg.....			14	1	E14
.....	aaugUcacuggaagaauucacggg.....			37	1	E14
.....	aauggUacuggaagaauucacggg.....			15	1	E14
.....	aaGggcacuggaagaauucacggg.....			103	1	E14
.....	aaugggcacuggaagaauucacUgg.....			20	1	E14
.....	aaugggcacuggaagaaAucacggg.....			42	1	E14
.....	aaugggcacuggaagaauCcacggg.....			12	1	E14
.....	Caugggcacuggaagaauucacggg.....			4	1	E14
.....	aaugggcacuggaagaauGacggg.....			105	1	E14
.....	aUugggcacuggaagaauucacggg.....			9	1	E14
.....	aaugggcacuggaagaauAacggg.....			9	1	E14
.....	aaUCgcacuggaagaauucacggg.....			4	1	E14

## Mature

## Star

cacucgcaccaugcacaggc	aaugggcacuggaagaauucacgggu	uaauuuuacauuccguggacucuuaguggcaucac	uggugguggggcgauucgcgaucucaugaagau			
.....	.aaugggcacuggaagGauucacgggu	.....	.....	2	1	E14
.....	.aaugggcacuggaagaauucacgggu	.....	.....	730	0	E14
.....	.aCugggcacuggaagaauucacgggu	.....	.....	1	1	E14
.....	.aaugggcacuggaagaauucacggGu	.....	.....	2	1	E14
.....	.aaugggcacuggaagaauuAacgggu	.....	.....	2	1	E14
.....	.aaugggcacuggaagaauucacggUu	.....	.....	3	1	E14
.....	.aaugggcacuggaagaCucacgggu	.....	.....	2	1	E14
.....	.aaugggcacuggaagaauucacgggA	.....	.....	1657	1	E14
.....	.aaugggcacuggaagaauuUacgggu	.....	.....	1	1	E14
.....	.aaugggcacuggaagaauucaAggggu	.....	.....	1	1	E14
.....	.aaugggcacuggaagaauuGacgggu	.....	.....	1	1	E14
.....	.aaugggcacuggaagaauucacgggG	.....	.....	20	1	E14
.....	.aaAggcacuggaagaauucacgggu	.....	.....	1	1	E14
.....	.aaugggcacuggaagaauucaGgggu	.....	.....	2	1	E14
.....	.aaugggcacuggaagaauucacgggC	.....	.....	29	1	E14
.....	.aaugggcacuggaagUauucacgggu	.....	.....	1	1	E14
.....	.aaugggcGcuggaagaauucacgggu	.....	.....	1	1	E14
.....	.aaugggcAUgggaagaauucacgggu	.....	.....	1	1	E14
.....	.aaCggcacuggaagaauucacgggu	.....	.....	1	1	E14
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.....	.aaugggcacuggaagaauucacgggCu	.....	.....	1	1	E14
.....	.aaugggcacuggaagaauucacggguA	.....	.....	19	1	E14
.....	.aaugUcacuggaagaauucacggguu	.....	.....	1	1	E14
.....	.aaugggcacuggaagaauucacggguu	.....	.....	42	0	E14
.....	.aaugggcacuggaagaauucacgggAu	.....	.....	25	1	E14
.....	.aaugggcacuggaagaauucacggguC	.....	.....	4	1	E14
.....	.aaugggcacuggaagaauucacggguua	.....	.....	1	0	E14
.....	.aaugggcacuggaagaauucacggguAa	.....	.....	18	1	E14
.....	.aaugggcacuggaagaauucacggguCa	.....	.....	1	1	E14
.....	.aaugggcacuggaagaauucacggguuU	.....	.....	29	1	E14
.....	.aaugggcacuggaagaauucacggguuG	.....	.....	2	1	E14
.....	.aaugggcacuggaagaauucacggguGa	.....	.....	2	1	E14
.....	.aaugggcacuggaagaauucacggguuUa	.....	.....	1	1	E14
.....	.aaugggcacuggaagaauucacgggAuaa	.....	.....	1	1	E14
.....	.aaugggcacuggaagaauucacggguuaU	.....	.....	9	1	E14
.....	.aaugggcacuggaagaauucacggguAaa	.....	.....	2	1	E14
.....	.aaugggcacuggaagaauucacggguuUau	.....	.....	1	1	E14
.....	.aaugggcacuggaagaauucacgggAuaa	.....	.....	1	1	E14
.....	.auggcacuggaagaauucacgg	.....	.....	1	0	E14
.....	.auggcacuggaagaauucacgUg	.....	.....	1	1	E14
.....	.auAGcacuggaagaauucacggg	.....	.....	1	1	E14
.....	.auggcacuggaagaauGcacggg	.....	.....	1	1	E14
.....	.auggcacuggaagaauucacUgg	.....	.....	1	1	E14
.....	.auggcacuggaagaauucacggg	.....	.....	48	0	E14
.....	.auggcacuggaagaauucacggC	.....	.....	1	1	E14
.....	.uggcacuggaagaauucacgg	.....	.....	1	0	E14
.....	.uggcacuggaagaauucacggg	.....	.....	6	0	E14
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.....	.gcacuggaagaauuAacg	.....	.....	1	1	E14
.....	.gcacuggaagaauucacgg	.....	.....	8	0	E14
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.....	.gcacuggaagaauucaAggg	.....	.....	1	1	E14
.....	.gcacuggaagaauucacgCg	.....	.....	1	1	E14
.....	.gcacuggaagaauucacgggA	.....	.....	1	1	E14
.....	.cacuggaagaauucacgg	.....	.....	5	0	E14
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.....	.cacuggaagaauucacggguuU	.....	.....	1	1	E14
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.....	.cguggacucuuaguggcauca	.....	.....	47	0	E14
.....	.cguggUcucuuaguggcaucac	.....	.....	1	1	E14
.....	.cguggacucuuaguggcaGcac	.....	.....	1	1	E14
.....	.Uguggacucuuaguggcaucac	.....	.....	1	1	E14



## Mature

## Star

cacucgcaccaugcacaggc	aauggcacuggaagaauucacgggu	aaauuuuacauuc	cguggacucuuaguggcaucac	uggugguggggcgauucgc	caucucaugaagau			
.....	cguggacucuuaguggcaucac	.....	234	0	E14			
.....	cgAggacucuuaguggcaucac	.....	2	1	E14			
.....	cguggacucuuaguggcaucac	.....	11	0	E14			
.....	guggacucuuaguggcaucac	.....	1	0	E14			
.....	caauggcacuggaagaauuca	.....	1	0	H41			
.....	caauggcacuggaagaauucac	.....	1	0	H41			
.....	caauggcacuggaagaauucacggg	.....	1	0	H41			
.....	aaCggcacuggaagaauu	.....	1	1	H41			
.....	aauggcacuggaagaauu	.....	16	0	H41			
.....	aaugAcacuggaagaauuc	.....	1	1	H41			
.....	aauggcacuggaagaauuc	.....	237	0	H41			
.....	aauggcacuggaagaauuU	.....	1	1	H41			
.....	aauggcacuggaagaauuA	.....	1	1	H41			
.....	aauggcacuggaagaauucU	.....	1	1	H41			
.....	aauggcacuggaagaauuca	.....	125	0	H41			
.....	aaCggcacuggaagaauucac	.....	1	1	H41			
.....	aauggAacuggaagaauucac	.....	1	1	H41			
.....	aGuggcacuggaagaauucac	.....	1	1	H41			
.....	aauggcacuggaagaauuAac	.....	1	1	H41			
.....	aaAggcacuggaagaauucac	.....	4	1	H41			
.....	aauggcacuggaagaauucac	.....	567	0	H41			
.....	aauggcacuggaGgaauucac	.....	1	1	H41			
.....	aauggcacuggaagaauucaG	.....	2	1	H41			
.....	aauggcacuggaagaauucaU	.....	4	1	H41			
.....	aauggcacuUgaagaauucac	.....	1	1	H41			
.....	aaGggcacuggaagaauucac	.....	2	1	H41			
.....	aauggcacuggaagGauucac	.....	1	1	H41			
.....	aaugCcacuggaagaauucac	.....	1	1	H41			
.....	aauggcacuggaagaauucaA	.....	9	1	H41			
.....	aauggcacuggaUaaauucacg	.....	1	1	H41			
.....	aauggcacuggaagUauucacg	.....	1	1	H41			
.....	aauggcacuggaAaagaauucacg	.....	1	1	H41			
.....	aauggcacuggaagaauucaGg	.....	2	1	H41			
.....	aauggcacuggaagaauucacg	.....	1075	0	H41			
.....	aauggcacuggaagaCucacg	.....	1	1	H41			
.....	aauggcacuggaagaauucacA	.....	17	1	H41			
.....	aauggcacuggaagaauucacU	.....	5	1	H41			
.....	aauggcaAuggaagaauucacg	.....	3	1	H41			
.....	aauggcacuggaagaauucacC	.....	1	1	H41			
.....	aauggcacuggaagaauucaUg	.....	2	1	H41			
.....	aaCggcacuggaagaauucacg	.....	2	1	H41			
.....	aaugAcacuggaagaauucacg	.....	1	1	H41			
.....	aauggcacuggaagaaGucacg	.....	1	1	H41			
.....	aauggcacuggaagCauucacg	.....	3	1	H41			
.....	aaAggcacuggaagaauucacg	.....	3	1	H41			
.....	aaGggcacuggaagaauucacg	.....	3	1	H41			
.....	aauggcacuggaagaCuucacg	.....	1	1	H41			
.....	aauggcacuggaagaauuAacg	.....	1	1	H41			
.....	aauggcacuggaagaaAucacg	.....	1	1	H41			
.....	aauggcacuUgaagaauucacg	.....	5	1	H41			
.....	aauggcacuggaagaauuUacg	.....	1	1	H41			
.....	aaugCcacuggaagaauucacg	.....	1	1	H41			
.....	Uauggcacuggaagaauucacg	.....	1	1	H41			
.....	aauggcacuggaagaauucacgU	.....	26	1	H41			
.....	aauggcUcuggaagaauucacgg	.....	1	1	H41			
.....	aauggcacuggaagaauucacgC	.....	5	1	H41			
.....	aauggcacuggaagaauuGacgg	.....	2	1	H41			
.....	aauggcacuggaagaauucacgA	.....	5	1	H41			
.....	aauggcacuggaagCauucacgg	.....	1	1	H41			
.....	aauggcacuggaagaauucacgg	.....	450	0	H41			
.....	aauggcacuggaagaCuucacgg	.....	1	1	H41			
.....	aauggcacuggaagaaAucacgg	.....	2	1	H41			
.....	aauggcacuggaagaauucaAggg	.....	1	1	H41			
.....	aauggcacuggaagaauucaUggg	.....	1	1	H41			
.....	aaGggcacuggaagaauucacggg	.....	3	1	H41			
.....	aaugCcacuggaagaauucacggg	.....	3	1	H41			
.....	aauggcacuggaagaaCuucacggg	.....	3	1	H41			
.....	aauggcacuggaagaauucacAgg	.....	2	1	H41			
.....	aauggcacuggaagaauucacggC	.....	3	1	H41			

Star

cacucgcaccacgacaggc	aauggcacuggaagGauucacggg	3	1	H41
. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
. . . . .	. . . . .	1	1	H41
. . . . .	. . . . .	1	1	H41
. . . . .	. . . . .	1	1	H41
. . . . .	. . . . .	1	1	H41
. . . . .	. . . . .	2	1	H41
. . . . .	. . . . .	2	1	H41
. . . . .	. . . . .	1	1	H41
. . . . .	. . . . .	1	1	H41
. . . . .	. . . . .	1	1	H41
. . . . .	. . . . .	10	1	H41
. . . . .	. . . . .	4	1	H41
. . . . .	. . . . .	1	1	H41
. . . . .	. . . . .	3	1	H41
. . . . .	. . . . .	1393	0	H41
. . . . .	. . . . .	1	1	H41
. . . . .	. . . . .	1	1	H41
. . . . .	. . . . .	2	1	H41
. . . . .	. . . . .	1	1	H41
. . . . .	. . . . .	2	1	H41
. . . . .	. . . . .	4	1	H41
. . . . .	. . . . .	46	0	H41
. . . . .	. . . . .	1	1	H41
. . . . .	. . . . .	142	1	H41
. . . . .	. . . . .	2	0	H41
. . . . .	. . . . .	3	1	H41
. . . . .	. . . . .	5	1	H41
. . . . .	. . . . .	3	1	H41
. . . . .	. . . . .	1	1	H41
. . . . .	. . . . .	2	1	H41
. . . . .	. . . . .	2	1	H41
. . . . .	. . . . .	1	0	H41
. . . . .	. . . . .	1	1	H41
. . . . .	. . . . .	1	0	H41
. . . . .	. . . . .	1	0	H41
. . . . .	. . . . .	1	0	H41
. . . . .	. . . . .	13	0	H41
. . . . .	. . . . .	1	1	H41
. . . . .	. . . . .	22	0	H41
. . . . .	. . . . .	1	1	H41
. . . . .	. . . . .	1	0	H41
. . . . .	. . . . .	1	0	H41
. . . . .	. . . . .	1	0	H41
. . . . .	. . . . .	1	1	E24
. . . . .	. . . . .	1	1	E24
. . . . .	. . . . .	1	0	E24
. . . . .	. . . . .	5	0	E24
. . . . .	. . . . .	18	0	E24
. . . . .	. . . . .	1	1	E24
. . . . .	. . . . .	19	0	E24
. . . . .	. . . . .	1	1	E24
. . . . .	. . . . .	25	0	E24
. . . . .	. . . . .	1	1	E24
. . . . .	. . . . .	35	0	E24
. . . . .	. . . . .	1	1	E24
. . . . .	. . . . .	2	1	E24
. . . . .	. . . . .	1	1	E24
. . . . .	. . . . .	1	1	E24
. . . . .	. . . . .	71	0	E24
. . . . .	. . . . .	2	1	E24
. . . . .	. . . . .	2	1	E24
. . . . .	. . . . .	1	1	E24
. . . . .	. . . . .	1	1	E24
. . . . .	. . . . .	238	0	E24
. . . . .	. . . . .	1	1	E24
. . . . .	. . . . .	1	1	E24
. . . . .	. . . . .	4	1	E24
. . . . .	. . . . .	3	1	E24

## Mature

## Star

cacucgcaccaugcacaggc**aaugggcacuggaagaauuacg**gguu**aa**uuuuuacauucc**cg**uggacucuu**ag**ggc**cau**acacuggguggggcgauucgccaucucaugaagau

.....aaCggcacuggaagaauuca.....	1	1	E24
.....Cauggcacuggaagaauuca.....	1	1	E24
.....aaugggcacuggaagaCuca.....	4	1	E24
.....aaUCgcacuggaagaauuca.....	2	1	E24
.....aaugggcacuggaAaauuca.....	1	1	E24
.....aaugggcacuggaagaUuuca.....	2	1	E24
.....aaugggcacuggaagaauuGa.....	3	1	E24
.....aaugggcacuggaagaGuca.....	6	1	E24
.....aaugggcacuggaagCauuca.....	1	1	E24
.....aauggAacuggaagaauuca.....	1	1	E24
.....aaugggcacuggaagaauAca.....	1	1	E24
.....aaUgcacuggaagaauuca.....	1	1	E24
.....aaugggcacuggaagaauucG.....	1	1	E24
.....aaugggcacuggaagaauCca.....	1	1	E24
.....aaAgggcacuggaagaauuca.....	8	1	E24
.....aaugggcacuggaagaGuuca.....	7	1	E24
.....aGuggcacuggaagaauuca.....	1	1	E24
.....aaugggcacuggaACaaauuca.....	1	1	E24
.....aaugggcacuggaAUaaauuca.....	2	1	E24
.....aaugggcacuggaagGauuca.....	1	1	E24
.....aaugggcacuggaagaauuca.....	2850	0	E24
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.....aaugggcacuUgaagaauuca.....	2	1	E24
.....aaugggcacuggaagaauuUa.....	5	1	E24
.....aauggcUcuggaagaauuca.....	2	1	E24
.....aaugggcacugUaagaauuca.....	1	1	E24
.....aauggGacuggaagaauuca.....	1	1	E24
.....aaugggcaUuggaagaauucac.....	5	1	E24
.....aaugggcacuggaagaauucUc.....	5	1	E24
.....aaugggcacuggaagaauucGc.....	7	1	E24
.....aaugUcacuggaagaauucac.....	2	1	E24
.....Gaugggcacuggaagaauucac.....	3	1	E24
.....aaugggcacugGagaauucac.....	3	1	E24
.....aaugggcacuggaagaauAac.....	2	1	E24
.....aaugggcacuggaagaauucaU.....	8	1	E24
.....aaugggcacuGgaagaauucac.....	4	1	E24
.....aaugggcacuggaACaaauucac.....	2	1	E24
.....aaugggcacuggaagUauucac.....	5	1	E24
.....aauggAacuggaagaauucac.....	5	1	E24
.....aaugggcacuggaAUaaauucac.....	5	1	E24
.....aaUgcacuggaagaauucac.....	2	1	E24
.....aGuggcacuggaagaauucac.....	1	1	E24
.....aaCggcacuggaagaauucac.....	2	1	E24
.....aaugggcacuggaagaauucac.....	10368	0	E24
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.....aaugggcacuggaGgaauucac.....	2	1	E24
.....aaUAgcacuggaagaauucac.....	2	1	E24
.....aaugggcacuggaagaUuuac.....	1	1	E24
.....aaUCgcacuggaagaauucac.....	2	1	E24
.....aaugggcacuggaagaCuca.....	31	1	E24
.....aauggcUcuggaagaauucac.....	2	1	E24
.....aaugCcacuggaagaauucac.....	1	1	E24
.....aauggUacuggaagaauucac.....	2	1	E24
.....aaugggcacuggaagaauucaG.....	6	1	E24
.....aaugggcacuggaagaauuAac.....	9	1	E24
.....aauggGacuggaagaauucac.....	2	1	E24
.....aaugggcacuggaagCauucac.....	1	1	E24
.....aauggcGcuggaagaauucac.....	1	1	E24
.....aaugggcaAuggaagaauucac.....	3	1	E24
.....aaugggcacGgaagaauucac.....	1	1	E24
.....aaugggcacuggUagaauucac.....	4	1	E24
.....aaugggcacugAaagaauucac.....	3	1	E24
.....aaGggcacuggaagaauucac.....	10	1	E24
.....aaugggcacuggaagaauuGac.....	7	1	E24
.....aaugAcacuggaagaauucac.....	3	1	E24
.....aaugggcacuggaagGauucac.....	1	1	E24
.....aaugggcaGuggaagaauucac.....	2	1	E24
.....aaAgggcacuggaagaauucac.....	12	1	E24
.....aaugggcacuggaagaauucaA.....	16	1	E24
.....aaugggcacuggaagaGucac.....	40	1	E24

## Mature

## Star

cacucgcaccaugcacaggc**aaugggcacuggaagaauucacggguuaauuuuuacauuccguggacucuuaguggcaucac**uggugguggggcgauucgccaucucaugaagau

.....aaugggcacUgaagaauucac.....	7	1	E24
.....aaugggcacugUaagaauucac.....	8	1	E24
.....Caugggcacuggaagaauucac.....	1	1	E24
.....aaugggcacuggaagaauucC.....	11	1	E24
.....aaugggcacAggaagaauucac.....	1	1	E24
.....aaugggcacuggaagaauucac.....	25	1	E24
.....aaugggcacuggaagaauuUac.....	11	1	E24
.....aaugggcacuggaauUaauucacg.....	5	1	E24
.....aaugggcacugCaagaauucacg.....	3	1	E24
.....aaugggcacuggaagaauucCcg.....	19	1	E24
.....aaugggcacuggaUgaauucacg.....	1	1	E24
.....aaugggcacuggaagaauucGucacg.....	59	1	E24
.....aaugggcacuggaagaauucUcg.....	4	1	E24
.....aaugggcacuggaagaauucGcg.....	5	1	E24
.....aaugggcacuggaagaauucaUg.....	9	1	E24
.....aGugggcacuggaagaauucacg.....	1	1	E24
.....aaugggcacuggaagaauucCucacg.....	41	1	E24
.....aaugggcacUuggaagaauucacg.....	3	1	E24
.....aaugggcacuggaagaauucacU.....	31	1	E24
.....aaugCcacuggaagaauucacg.....	3	1	E24
.....aaugggcacuggaagaauucaGg.....	10	1	E24
.....Caugggcacuggaagaauucacg.....	2	1	E24
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.....caaugggcacuggaagaauucac.....	4	0	H62			



## Mature

## Star

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.....	caauggcacuggaagaauucacg	.....		5	0	H62
.....	caauggcacUgaagaauucacg	.....		1	1	H62
.....	caauggcacuggaagaauucacgg	.....		20	0	H62
.....	caUuggcacuggaagaauucacggg	.....		1	1	H62
.....	Aaauggcacuggaagaauucacggg	.....		1	1	H62
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.....	aaGggcacuggaagaauucac	.....		1	1	H62
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## Mature

## Star

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Star

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## Mature

## Star

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.....	.gcacuggaagaauucacgggA	.....		3	1	H62
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## Mature

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.....aauggcacuggaagaauucacgggAu.....	3	1					H42
.....aauggcacuggaagaauucacggguA.....	3	1					H42
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## Mature

## Star

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Mature Star

Star

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## Star

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## Mature

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## Mature

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