



Star

[illegible]

## Mature

## Star

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## Mature

## Star

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## Star

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.....Guuguacuucacucaggugc.....	1	1	A53	
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## Mature

## Star

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.....auuguacuAacacucaggugcu.....	1	1	A53
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.....auuguacuucacucaggugcuA.....	1	1	A53
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.....auuguacuucacucaggugcucug.....	26	0	A53
.....auuAacuucacucaggugcucugg.....	1	1	A53
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.....auuguacuucacucaggugcucugU.....	38	1	A53
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.....Guuguacuucacucaggugcucugg.....	1	1	A53
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## Mature

## Star

gacacgcagcagcaccgagggccgcccgcacgccc	auuguacuucacagggugcu	cuggugauaa	aguuccaggcgc	uuuguuggaguacacuu	accguguugcgguuu
-------------------------------------	----------------------	------------	--------------	-------------------	---



## Mature

## Star

gacacgcagcagcaccgagggccgcgcacgcc	auugua	Auuc	caucaggugcu	cuggugau	aaauag	uuccaggc	gcuugu	ggaguacacuu	accgugu	ggcgguuuuuuu			
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.....	auug	Cacu	caucaggugcu	.....							1	1	H62
.....	auuguacu	caucaggugcu	.....								1262	0	H62
.....	auuguacu	caucaggugcu	G.....								2	1	H62
.....	auuguacu	caucagguU	cucug.....								1	1	H62
.....	auuguacu	Acaucaggugcu	cug.....								1	1	H62
.....	auug	Aacu	caucaggugcu	cug.....							1	1	H62
.....	auuguacu	caucaggugcu	cug.....								105	0	H62
.....	au	Cguacu	caucaggugcu	cug.....							1	1	H62
.....	auuguacu	caucaggugcu	U.....								2	1	H62
.....	au	Aguacu	caucaggugcu	cug.....							1	1	H62
.....	auuguacu	caucaggugcu	A.....								16	1	H62
.....	au	Gguacu	caucaggugcu	cugg.....							1	1	H62
.....	auug	Cacu	caucaggugcu	cugg.....							1	1	H62
.....	au	Aguacu	caucaggugcu	cugg.....							1	1	H62
.....	auug	Aacu	caucaggugcu	cugg.....							1	1	H62
.....	auuguacu	caucaggugcu	C.....								1	1	H62
.....	auuguacu	caucaggu	Cucugg.....								1	1	H62
.....	auuguacu	caucaU	gugcu	cugg.....							1	1	H62
.....	auuguacu	caucaggugcu	Gugg.....								2	1	H62
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.....	auuguacu	caucaggu	Ucucugg.....								1	1	H62
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.....	auuguacu	caucaggugcu	cuggu.....								76	0	H62
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.....	auuguacu	caucaggugcu	cuggA.....								18	1	H62
.....	auuguacu	caucaggugcu	cuggC.....								7	1	H62
.....	auuguacu	caucaggugcu	cugAu.....								1	1	H62
.....	auuguacu	caucagU	ugcu	cuggu.....							1	1	H62
.....	auuguacu	caucaggugcu	cugCu.....								5	1	H62
.....	auuguacu	caucaggugcu	cugguC.....								4	1	H62
.....	auuguacu	caucaggugcu	cugguU.....								16	1	H62
.....	auuguacu	caucaggugcu	cugguA.....								6	1	H62
.....	auuguacu	caucaggugcu	cuggugau	aaauaguccaggcgcuuguu.....							2	0	H62
.....	uuguacu	caucaggugcu	.....								1	0	H62
.....	uuguacu	caucaggugcu	c.....								1	0	H62
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.....	uacu	ucaucaggugcu	c.....								1	1	H62
.....	uacu	ucaucaggugc	Ccu.....								1	1	H62
.....	uacu	ucaucaU	gugcu	c.....							1	1	H62
.....	uacu	ucaucaggugcu	c.....								18	0	H62
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.....	.....	.....	.....	aggcgcuugu	ggaguacaA.....						1	1	H62
.....	.....	.....	.....	aggcgcuugu	Aagaguacacu.....						1	1	H62
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.....	.....	.....	.....	agUcgcuugu	ggaguacacuu.....						1	1	H62
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.....	.....	.....	.....	aggcgcuugu	ggaguacacuuU.....						2	1	H62
.....	.....	.....	.....	aggcgcuugu	ggaguacacuuC.....						1	1	H62
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.....	.....	.....	.....	ggcgcuugu	ggaguacacuuA.....						39	0	H62
.....	.....	.....	.....	ggAgcuugu	ggaguacacuuA.....						1	1	H62

Star

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.....ggcgcuuguggaguacacuuac.....	1	0		H62		
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## Mature

## Star

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.....auuguacuucacagggugcucugguC.....	1	1			H04
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## Mature

## Star

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.....	auuguacuucacucaggugcucuggugauU.....		1	1	H04
.....	auuguacuucacucaggugcucuggugauaaauaguccaggcgcuguu.....		1	0	H04
.....	auuguacuucacucaggugcucuggugauaaauaguccaggcgcuguu.....		7	0	H04
.....	uuguacuucacucaggugcuc.....		1	0	H04
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.....	uuguacuucacucaggugcucugg.....		1	0	H04
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.....	uaAuucacucaggugcuc.....		1	1	H04
.....	uacuucacucaggugcuc.....		3	0	H04
.....	uacuucacucaggugcucug.....		1	0	H04
.....	uacuucacucaggugcucugA.....		1	1	H04
.....	Aacuucacucaggugcucugg.....		1	1	H04
.....	uacuucacucaggugcucugg.....		6	0	H04
.....	uacuucacucaggugcucugCu.....		1	1	H04
.....	uacuucacucaggugcucugUu.....		1	1	H04
.....	aggcgcucuguggaguac.....		1	0	H04
.....	aggcgcucuguggaguacU.....		1	1	H04
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## Mature

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## Mature

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.....	cauuguacu	uucaggugcu	.....	1	0	A34			
.....	auuguacu	uucaggug	.....	14	0	A34			
.....	auuguacu	uucaggugc	.....	45	0	A34			
.....	auuguacu	uucaggugAu	.....	1	1	A34			
.....	auuguacu	uucaggugcu	.....	46	0	A34			
.....	auuguacu	uucaggugcuC	.....	102	0	A34			
.....	auCguacu	uucaggugcu	.....	1	1	A34			
.....	auuguacu	uucaggugcAc	.....	1	1	A34			
.....	auuguacu	uucaggugAuC	.....	1	1	A34			
.....	auuguacu	uucaggCgcucu	.....	1	1	A34			
.....	auuguacu	uucaggugcucu	.....	40	0	A34			
.....	auuguacu	uucaggugAuCug	.....	1	1	A34			
.....	auuguacu	uucaggugcucug	.....	34	0	A34			
.....	auuguacu	uucaggugcucug	.....	31	0	A34			
.....	auuguacu	uucaggugcucugU	.....	27	1	A34			
.....	auuguacu	uucaggugcucugA	.....	32	1	A34			
.....	auuguacu	uucaggAgcucug	.....	1	1	A34			
.....	auuguacu	uucaggugcucugUu	.....	5	1	A34			
.....	auuguacu	uucaggugcucugAu	.....	2	1	A34			
.....	auuguacu	uucaggugcucuggA	.....	8	1	A34			
.....	auuguacu	uucaggugcucuggC	.....	3	1	A34			
.....	auuguacu	uucaggugcucuggu	.....	9	0	A34			
.....	auuguacu	uucaggugcucugguU	.....	6	1	A34			
.....	auuguacu	uucaggugcucuggugau	aaauaguccaggcgcuuuu	3	0	A34			
.....	Auguacu	uucaggugcucu	.....	1	1	A34			
.....	uacuucu	uucaggugcucug	.....	3	0	A34			
.....	uacuucu	uucaggugcucuggA	.....	1	1	A34			
.....	aggcgcuu	uugggaguaca	.....	1	0	A34			
.....	aggcgcuu	uugggaguacacu	.....	2	0	A34			
.....	aggcgcuu	uugggaguacCuu	.....	1	1	A34			
.....	aggcgcuu	uugggaguacacuu	.....	20	0	A34			
.....	aggcgcuu	uugggaguacacuG	.....	1	1	A34			
.....	aggcgcuu	uugggaguacacuu	.....	5	0	A34			
.....	aggcgcuu	uugggaguacacuuac	.....	1	0	A34			
.....	aggcgcuu	uugggaguacacuuU	.....	5	1	A34			
.....	aggcgcuu	uugggaguacacuuA	.....	4	1	A34			
.....	ggcgcuu	uugggaguacacu	.....	1	0	A34			
.....	ggcgcuu	uugggaguacacuu	.....	12	0	A34			
.....	ggcgcuu	uugggaguacacuu	.....	13	0	A34			
.....	ggcgcuu	uugggaguacacuuac	.....	1	0	A34			
.....	gcuuug	ggaguacacuu	.....	1	0	A34			
.....	cauuguacu	uucaggugcu	.....	1	0	A21			
.....	cauuguacu	uucaggugcuC	.....	1	0	A21			
.....	auuguacu	uucaggug	.....	5	0	A21			
.....	auuguacu	uucaggGg	.....	1	1	A21			
.....	auuguacu	uucaggugc	.....	1	1	A21			
.....	auuguacu	uucaggugc	.....	1	1	A21			
.....	auuguacu	uucaggCgc	.....	1	1	A21			
.....	auuguacu	uucaggugG	.....	1	1	A21			
.....	auuguacu	uucaggugc	.....	266	0	A21			
.....	auuguacu	uucaggAgcu	.....	2	1	A21			
.....	auuguacu	uucaggugcA	.....	1	1	A21			
.....	auuguacu	uucaggugcu	.....	110	0	A21			
.....	auuguacu	uucaggugcu	.....	1	1	A21			
.....	auuguacu	uucaggugcC	.....	1	1	A21			
.....	auuguacu	uucaggugcuA	.....	1	1	A21			

## Mature

## Star

gacacgcagcagcaccgagggccgcgcacgcccauuguacuucacaggugcucugggugauaaauaguccaggcgcuuuguaggaguacacuuaccgugugcgguuuucuu

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.....auuguacuucacaggUgcuc.....	1	1	A21
.....Guuguacuucacaggugcuc.....	1	1	A21
.....auuguacuucacaggAgcuc.....	1	1	A21
.....auuguacuucacaggugcuc.....	185	0	A21
.....auuguacuucacaggCgcuc.....	1	1	A21
.....auuguacuucacagUgcucu.....	1	1	A21
.....auuguaGuucaucaggugcucu.....	1	1	A21
.....auuguacuucacaggUgcucu.....	1	1	A21
.....auuguacuucacaggugGucu.....	1	1	A21
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.....auGguacuucacaggugcucu.....	1	1	A21
.....auuguacuucacaggugcucug.....	18	0	A21
.....auuguacuucacaggugcuAug.....	1	1	A21
.....auuguacuucacaggugcucugU.....	10	1	A21
.....auGguacuucacaggugcucugg.....	1	1	A21
.....auAguacuucacaggugcucugg.....	1	1	A21
.....auuguacuuaAucaggugcucugg.....	1	1	A21
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.....auuguacuucacaggugcucugA.....	1	1	A21
.....auuguacuucacaggugcucuggC.....	3	1	A21
.....auuguacuucacaggugcucugGA.....	4	1	A21
.....auuguacuucacaggugcucugUu.....	3	1	A21
.....auuguacuucacaggugcucuggu.....	4	0	A21
.....auuguacuucacaggugcucugguC.....	1	1	A21
.....auuguacuucacaggugcucugguU.....	4	1	A21
.....auuguacuucacaggugcucugguUau.....	1	1	A21
.....auuguacuucacaggugcucuggugauaaauaguccaggcgcuguu.....	4	0	A21
.....uguacuucacaggugcuc.....	1	0	A21
.....uacuucacaggugcucu.....	2	0	A21
.....uacuucAacaggugcucugg.....	1	1	A21
.....uacuucacaggCgcucugg.....	1	1	A21
.....uacuucacaggugcucugg.....	7	0	A21
.....uacuucacaggugcucuUg.....	1	1	A21
.....aggcgcuuuguaggaguaca.....	3	0	A21
.....aggcgcuuuguaggaguacac.....	2	0	A21
.....aggcgcuuuguaggaguacacu.....	1	0	A21
.....aggcgcuuuguaggaguacacuu.....	17	0	A21
.....aggcgcuuuguaggaguacacuuA.....	9	0	A21
.....aggcgcuuuguaggaguUcacuuA.....	1	1	A21
.....aggcgcuuuguaggaguacacuuAA.....	1	1	A21
.....aggcgcuuuguaggaguacacuuAU.....	1	1	A21
.....aggcgcuuuguaggaguacacuuac.....	1	0	A21
.....ggcgcuuuguaggaguacacu.....	1	0	A21
.....ggcgcuuuguaggaguacacuu.....	7	0	A21
.....ggcgcuuuguaggaguAGacuuA.....	1	1	A21
.....ggcgcuuuguaggaguacacuuA.....	6	0	A21
.....ggcgcuuuguaggaguacacuuAU.....	1	1	A21
.....cgcuuguaggaguacacuuAU.....	1	1	A21
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.....cauuguacuucacaggugcuc.....	3	0	A04
.....auuguacuucacaggug.....	11	0	A04
.....auuguacuucacaggugc.....	296	0	A04
.....auuguacuucacaggUgc.....	1	1	A04
.....auuguacuucacaggugG.....	1	1	A04
.....auuguacGucaucaggugc.....	1	1	A04
.....auuguacuucacaggGgc.....	1	1	A04
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.....auCguacuucacaggugcu.....	1	1	A04
.....auuguacuucacaggugcuG.....	1	1	A04
.....auuguacuucacUggugcuc.....	1	1	A04
.....auuguacuucacaggugcuA.....	2	1	A04
.....auuguacuucacaggugcuc.....	287	0	A04
.....auuguacuucacaggugcGc.....	1	1	A04
.....auGguacuucacaggugcuc.....	2	1	A04

## Mature

## Star

gacacgcagcagcaccgagggccgcgcacgcc	auuguacuucacaggugcu	cuggugauaa	uaguccaggc	gcuuguuggaguacacuu	accgugugcgguuuuuuu			
.....	auuguacuucacaggGgcuc	.....				1	1	A04
.....	auuguaUuucaucaggugcuc	.....				1	1	A04
.....	auuguacuucacaggugcuU	.....				4	1	A04
.....	auuguacuucacaggCgcuc	.....				1	1	A04
.....	auuguacuucacaggGgcucu	.....				1	1	A04
.....	auuguacuucacaggugcucu	.....				103	0	A04
.....	auuguacuucacaggAgcucu	.....				2	1	A04
.....	auuguacuucacaggugUucu	.....				1	1	A04
.....	auGguacuucacaggugcucu	.....				1	1	A04
.....	auuguacuucacaggugcucuC	.....				1	1	A04
.....	auuguacuucacaggAgcucug	.....				2	1	A04
.....	auuguacuucacaggugcucuU	.....				1	1	A04
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.....	auuguacuucacaggugcucugU	.....				73	1	A04
.....	auGguacuucacaggugcucugg	.....				2	1	A04
.....	auuguacuucacaggugcucugC	.....				1	1	A04
.....	auuguacuucacaggugcucugg	.....				117	0	A04
.....	auuguacuucacaggugcucugA	.....				123	1	A04
.....	auuguacuucacagguUcucugg	.....				1	1	A04
.....	auuguacuucacaggugcucuggC	.....				13	1	A04
.....	auuguacuucacaggugcucuggA	.....				23	1	A04
.....	auuguacuucacaggugcucugUu	.....				27	1	A04
.....	auuguacuucacaggugcucuggu	.....				21	0	A04
.....	auuguacuucacaggugcucugAu	.....				2	1	A04
.....	auuguacuucacaggugcucugCu	.....				3	1	A04
.....	auuguacuucacaggugcucugguU	.....				7	1	A04
.....	auuguacuucacaggugcucugggugauaa	uaguccaggcgcuguu	.....			6	0	A04
.....	auuguacuucacaggugcucugggugauaa	uaguccaggcgcuguuU	.....			1	1	A04
.....	uuguacuucacaggugc	.....				1	0	A04
.....	uuguacuucacaggugcu	.....				1	0	A04
.....	uuguacuucacaggugcucug	.....				1	0	A04
.....	uuguacuucacaggugcucuggC	.....				1	1	A04
.....	guacuucacaggugcucugCu	.....				1	1	A04
.....	uacuucacaggugcucu	.....				5	0	A04
.....	uacuucacaggugcucug	.....				3	0	A04
.....	uacuucacaggugcucugg	.....				4	0	A04
.....	uacuucacaggugcucugA	.....				2	1	A04
.....	uacuucacaggugcucugU	.....				1	1	A04
.....	uacuucacaggugcucuggu	.....				1	0	A04
.....	aggcgcuuuguaggaguac	.....				1	0	A04
.....	Gggcgcuuuguaggaguac	.....				1	1	A04
.....	aggcgcuuuguaggaguaca	.....				3	0	A04
.....	aggcgcuuuguaggaguacac	.....				1	0	A04
.....	aggcgcuuuguaggaguacacu	.....				7	0	A04
.....	aggcgcuuuguagCaguacacu	.....				1	1	A04
.....	aggcgcuuuguaggaguacacuu	.....				44	0	A04
.....	aggcgcuuuguaggaguGcacuu	.....				1	1	A04
.....	aggcgcuuuguaggaguacacuuu	.....				11	0	A04
.....	aggcgcuuuguaggaguacacuuU	.....				3	1	A04
.....	aggcgcuuuguaggaguCcacuuu	.....				1	1	A04
.....	aggcgcuuuguaggaguacacuuuU	.....				6	1	A04
.....	aggcgcuuuguaggaguacacuuac	.....				1	0	A04
.....	ggcgcuuuguaggaguacacu	.....				2	0	A04
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.....	ggcgcuuuguaggaguacacuuu	.....				15	0	A04
.....	ggcgcuuugUaguacacuuu	.....				1	1	A04
.....	ggcgcuuuguaggaguacacuuuA	.....				1	1	A04
.....	ggcgcuuuguaggaguacacuuuU	.....				1	1	A04
.....	cauuguacuucacaggugc	.....				8	0	E24
.....	caGuguacuucacaggugcu	.....				1	1	E24
.....	cauuguacuucacaggugcu	.....				7	0	E24
.....	cauuguacuucacaggugcuc	.....				14	0	E24
.....	cauuguacuucacaggugcuU	.....				1	1	E24
.....	cauuguacuucacaggugcucu	.....				1	0	E24
.....	cauuguacuucacaggugcucuggu	.....				1	0	E24
.....	auuguacuuaAucaggug	.....				1	1	E24
.....	auuguacuucacaggug	.....				103	0	E24
.....	auuguacuucacaggCg	.....				1	1	E24
.....	auuguacuucacaggGg	.....				1	1	E24

Star

[illegible]

## Mature

## Star

gacacgcagcagcaccgagggccgcgcacgcccauugua <u>cuu</u> caucaggug <u>cu</u> cuggugauaa <u>u</u> aguuccaggcgc <u>u</u> uuguggag <u>u</u> acac <u>u</u> uaccgugugcgguuuuuuu			
.....auugua <u>cuu</u> caucGggug <u>cu</u> .....	2	1	E24
.....auugua <u>cuu</u> caucaggug <u>cu</u> .....	2619	0	E24
.....auAgu <u>acu</u> u <u>cau</u> caggug <u>cu</u> .....	1	1	E24
.....auuguaA <u>uu</u> caucaggug <u>cu</u> .....	2	1	E24
.....auugua <u>cu</u> G <u>cau</u> caggug <u>cu</u> .....	1	1	E24
.....auugua <u>cuu</u> caucaggAg <u>cu</u> .....	4	1	E24
.....auugua <u>cuu</u> caucaggug <u>cu</u> .....	1489	0	E24
.....auugua <u>cuu</u> cauGaggug <u>cu</u> .....	1	1	E24
.....auugua <u>cuu</u> c <u>U</u> uaggug <u>cu</u> .....	2	1	E24
.....auugua <u>cuu</u> caucaggug <u>U</u> u.....	4	1	E24
.....auugua <u>cuu</u> A <u>u</u> caggug <u>cu</u> .....	2	1	E24
.....auugua <u>cuu</u> caucaggug <u>cu</u> Gu.....	1	1	E24
.....auCgu <u>acu</u> u <u>cau</u> caggug <u>cu</u> .....	1	1	E24
.....auugua <u>cuu</u> caucaggugA <u>cu</u> .....	3	1	E24
.....auugua <u>cuu</u> caucaggCg <u>cu</u> .....	3	1	E24
.....auugua <u>cuu</u> cau <u>U</u> aggug <u>cu</u> .....	1	1	E24
.....auugua <u>cuu</u> cauAaggug <u>cu</u> .....	1	1	E24
.....auAgu <u>acu</u> u <u>cau</u> caggug <u>cu</u> .....	1	1	E24
.....auugua <u>cuu</u> caucaggug <u>cu</u> Au.....	1	1	E24
.....auuguC <u>uu</u> caucaggug <u>cu</u> .....	2	1	E24
.....auGgu <u>acu</u> u <u>cau</u> caggug <u>cu</u> .....	1	1	E24
.....auuguG <u>uu</u> caucaggug <u>cu</u> .....	1	1	E24
.....auugua <u>cuu</u> caAaggug <u>cu</u> .....	1	1	E24
.....auugua <u>cuu</u> caucaggug <u>cu</u> g.....	73	0	E24
.....auugua <u>cuu</u> caucaggGg <u>cu</u> g.....	1	1	E24
.....auugua <u>cuu</u> caucaggugA <u>cu</u> g.....	1	1	E24
.....auugua <u>cuu</u> caucaggug <u>cu</u> U.....	6	1	E24
.....auugua <u>cuu</u> caucaggugG <u>cu</u> g.....	1	1	E24
.....auugua <u>cuu</u> caucaggug <u>cu</u> C.....	1	1	E24
.....auugua <u>cuu</u> caucaggug <u>cu</u> gg.....	111	0	E24
.....auCgu <u>acu</u> u <u>cau</u> caggug <u>cu</u> gg.....	1	1	E24
.....auugua <u>cuu</u> caucaggugG <u>cu</u> gg.....	1	1	E24
.....auugua <u>cuu</u> caucaggug <u>cu</u> gC.....	1	1	E24
.....Guugu <u>acu</u> u <u>cau</u> caggug <u>cu</u> gg.....	1	1	E24
.....auugua <u>cuu</u> caucaggug <u>cu</u> gA.....	28	1	E24
.....auugua <u>cuu</u> caucaggug <u>cu</u> gU.....	41	1	E24
.....auugua <u>cuu</u> caucaggug <u>cu</u> Cagg.....	1	1	E24
.....auugua <u>cuu</u> caucaggug <u>cu</u> gUu.....	18	1	E24
.....auugua <u>cuu</u> caucaggug <u>cu</u> gga.....	14	1	E24
.....auugua <u>cuu</u> caucaggug <u>cu</u> ggC.....	7	1	E24
.....auugua <u>cuu</u> caucaggug <u>cu</u> gCu.....	4	1	E24
.....auugua <u>cuu</u> caucaggug <u>cu</u> ggg.....	19	0	E24
.....auugua <u>cuu</u> caucaggug <u>cu</u> gggC.....	1	1	E24
.....auugua <u>cuu</u> caucaggug <u>cu</u> gggA.....	2	1	E24
.....auugua <u>cuu</u> caucaggug <u>cu</u> gggU.....	11	1	E24
.....auugua <u>cuu</u> caucaggug <u>cu</u> gggugauaa <u>u</u> aguuccaggcgc <u>u</u> gu.....	3	0	E24
.....auugua <u>cuu</u> caucaggug <u>cu</u> gggugauaa <u>u</u> aguuccaggcgc <u>u</u> guu.....	2	0	E24
.....uugua <u>cuu</u> caucaggug <u>cu</u> .....	1	0	E24
.....gu <u>acu</u> u <u>cau</u> caggug <u>cu</u> gUu.....	1	1	E24
.....u <u>acu</u> u <u>cau</u> cagguU <u>cu</u> .....	1	1	E24
.....uaU <u>uu</u> caucaggug <u>cu</u> .....	1	1	E24
.....u <u>acu</u> u <u>cau</u> caggug <u>cu</u> .....	20	0	E24
.....u <u>acu</u> u <u>cau</u> caggug <u>cu</u> U.....	1	1	E24
.....u <u>acu</u> u <u>cau</u> caggug <u>cu</u> g.....	1	0	E24
.....u <u>acu</u> u <u>cau</u> caggug <u>cu</u> gg.....	2	0	E24
.....u <u>acu</u> u <u>cau</u> caggug <u>cu</u> gU.....	1	1	E24
.....u <u>acu</u> u <u>cau</u> caggug <u>cu</u> ggg.....	1	0	E24
.....u <u>acu</u> u <u>cau</u> caggug <u>cu</u> gggA.....	1	1	E24
.....aggcgc <u>uu</u> guuggag <u>u</u> ac.....	1	0	E24
.....aggcgc <u>uu</u> guuggag <u>u</u> ac <u>a</u> .....	3	0	E24
.....aggcgc <u>uu</u> guuggag <u>u</u> ac <u>a</u> c.....	6	0	E24
.....aggcgc <u>uu</u> guuggag <u>u</u> ac <u>acu</u> .....	20	0	E24
.....aggcgc <u>uu</u> guuggag <u>u</u> ac <u>acu</u> .....	202	0	E24
.....aggcgc <u>uu</u> guuggag <u>u</u> ac <u>acu</u> .....	1	1	E24
.....aggcgcGu <u>uu</u> guuggag <u>u</u> ac <u>acu</u> .....	1	1	E24
.....aggcgc <u>uu</u> guuggag <u>u</u> ac <u>u</u> .....	1	1	E24
.....aggcgc <u>uu</u> guuggag <u>u</u> ac <u>u</u> .....	39	0	E24
.....aggcgc <u>uu</u> guuggag <u>u</u> ac <u>acu</u> U.....	5	1	E24
.....aggcgc <u>uu</u> guuggag <u>u</u> ac <u>acu</u> A.....	2	1	E24
.....aggcgc <u>uu</u> guuggag <u>u</u> ac <u>acu</u> AU.....	8	1	E24

Star

.....aggcgcuugguuggaguacacuuac.....	5	0	E24
.....aggcgcuugguuggaguacacuuacU.....	1	1	E24
.....aggcgcuugguuggaguacacuuacA.....	1	1	E24
.....ggcgcuugguuggaguacacuu.....	6	0	E24
.....ggAgcuugguuggaguacacuu.....	1	1	E24
.....ggcgcuugguuggaguacacuu.....	1	1	E24
.....ggcgcuugguuggaguacacuu.....	81	0	E24
.....ggcgcuugguuggaguacacuu.....	1	1	E24
.....ggcgcuugguuggaguacacuuU.....	2	1	E24
.....ggcgcuugguuggGguacacuu.....	1	1	E24
.....ggcgcuugguuggaguacacuu.....	44	0	E24
.....ggcgcuugguuggaguacacuuac.....	2	0	E24
.....ggcgcuugguuggaguacacuuA.....	4	1	E24
.....ggcgcuugguuggaguacacuuU.....	7	1	E24
.....gcuugguuggaguacacuu.....	1	0	E24
.....gcuugguuggaguacacuuU.....	1	1	E24
.....cauuguacuucaucaggugc.....	4	0	H41
.....cauuguacuucaucaggugcu.....	2	0	H41
.....cauuguacuucaucaggugcuc.....	2	0	H41
.....auuguacuucaucUgug.....	2	1	H41
.....auGguacuucaucaggug.....	1	1	H41
.....auuguacuucaucaggguU.....	1	1	H41
.....auuguacuucaucaggug.....	105	0	H41
.....auuguacCucaucaggug.....	1	1	H41
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.....auuguacuucaucagAugc.....	2	1	H41
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.....auuguacuucaucaggAgcu.....	1	1	H41
.....auuguacuucUucaggugcu.....	1	1	H41
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.....auuguacuucaucAgugcu.....	1	1	H41
.....auGguacuucaucaggugcuc.....	1	1	H41

## Mature

## Star

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.....auuguacuuc	caucaggugcucugguU	.....	8	1	H41				
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.....auuguacuuc	caucaggugcucuggugau	aaaguuccaggcgcuguuu	.....	3	0	H41			
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.....cauuguacuuc	caucaggugcucu	.....	2	0	E14				
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## Mature

## Star

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.....auuguCcuucacagggugc.....	1	1	E14
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## Mature

## Star

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.....	auuguacAucaucagggugcucugg	.....	1	1	E14
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## Mature

## Star

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.....	gcuuguuggaguacacuu	a	.....	3	0	E14			
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.....	Guguacuuc	caucaggug	c	.....	1	1	A13		
.....	auuUuacuuc	caucaggug	c	.....	1	1	A13		
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.....	auuguacuuc	caucaggug	cucugguU	.....	8	1	A13		
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.....	aggcgcuuguuggaguGcacuu		.....	1	1	A13			
.....	aggcgcuuguuggaguacacuu		.....	34	0	A13			

Star

.aggcgcuugguaggagucacuu.	1	1	A13
.aggcgcuugguaggagucacuuC.	1	1	A13
.aggcgcuugguaggagucacuuA.	11	0	A13
.aggcgcuugguaggagucacuuU.	1	1	A13
.aggcgcuugguaggagucacuuU.	6	1	A13
.aggcgcuugguaggagucacuuAA.	3	1	A13
.aggcgcuugguaggagucacuuacU.	1	1	A13
.ggcgcuugguaggagucacuu.	1	0	A13
.ggcgcuugguaggagucacuu.	12	0	A13
.ggcgcuugguaggagucacuuA.	9	0	A13
.ggcgcuugguaggagucacuuU.	2	1	A13
.ggcgcuugguaggagucacuuac.	1	0	A13
.ggcgcuugguaggagucacuuU.	2	1	A13
.cgcuugguaggagucacuuA.	1	0	A13
.cauuguacuucacaggugc.	1	0	E72
.auuguacuucacaggug.	24	0	E72
.auuguGcuucacaggugc.	1	1	E72
.auuguUcuucacaggugc.	1	1	E72
.auuguacuucacaggugc.	394	0	E72
.auuguacuucacaggAgc.	3	1	E72
.auuguacuucacaggGgc.	1	1	E72
.auuguacuucacaggugG.	2	1	E72
.auuguacuuaAucaggugc.	1	1	E72
.auuguacuucacagUugc.	1	1	E72
.auuguacuucacaggugcu.	47	0	E72
.auuguacuucacaggugcG.	1	1	E72
.auAguacuucacaggugcu.	1	1	E72
.auuguacuucacaggAgcuc.	1	1	E72
.auuguacuucacaggGgcuc.	1	1	E72
.auuguacuucacaggugcuU.	1	1	E72
.auuguacuucacaggugcuc.	125	0	E72
.auuguacuucacaggugcucu.	52	0	E72
.auuguacuucacacaggugcCcu.	1	1	E72
.auuguacuucacacCgugcucu.	1	1	E72
.auuguacuucacacaggugcucug.	2	0	E72
.auuguacuucacacaggugcucugA.	30	1	E72
.auuguacuucacacaggugcucugg.	8	0	E72
.auuguacuucacacaggugcucugU.	2	1	E72
.auuguacuucacacaggugcucuggA.	20	1	E72
.auuguacuucacacaggugcucuggu.	1	0	E72
.auuguacuucacacaggugcucugUu.	1	1	E72
.auuguacuucacacaggugcucuggC.	1	1	E72
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.uuguacuucacacaggugcuc.	1	0	E72
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.uacuucacacaggGgcucu.	1	1	E72
.aggcgcuugguaggaguc.	1	0	E72
.aggcgcuugguaggagucA.	2	0	E72
.Gggcgcuugguaggagucacu.	1	1	E72
.aggcgcuugguaggagucacu.	5	0	E72
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.aggcgcuugguaggagucacuuAA.	4	1	E72
.aggcgcuugguaggagucacuuacU.	1	1	E72
.ggcgcuugguaggagucacuu.	8	0	E72
.ggcgcuugguaggagucacuuA.	12	0	E72
.cauuguacuucacaggug.	1	0	E73
.cauuguacuucacaggugc.	1	0	E73
.auuguacuucacaggug.	30	0	E73
.auuguacuucGucaggug.	1	1	E73
.auGguacuucacaggug.	1	1	E73
.auuGacuucacaggugc.	1	1	E73
.auuguacuucacaggugc.	355	0	E73
.auGguacuucacaggugc.	1	1	E73
.auuguacuucacaggugG.	3	1	E73
.auCguacuucacaggugc.	1	1	E73
.auuguacuucacaggugc.	1	1	E73
.auuguacuucacaggugc.	1	1	E73

## Mature

## Star

gacacgcagcagcaccgagggccgcccgcacgccc	auuguacuucacagggugcu	cuggugauaauaguuccaggc	gcuuguuggaguacacuu	accgugugcgguuu
-------------------------------------	----------------------	-----------------------	--------------------	--

## Mature

## Star

gacacgcagcagcaccgagggccgcgcacgcc	auuguacuucacucaggugcu	cuggugauaa	aguuccaggc	gcuuguuggaguacacuu	accgugugcgguuuucuu			
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.....	auuguacuucGucaggugcu	.....				1	1	E02
.....	auuguacuucacucaggugcu	.....				1	1	E02
.....	auuguacuucacucaggugUu	.....				1	1	E02
.....	auuguacuucacucaggCgcu	.....				1	1	E02
.....	auAguacuucacucaggugcu	.....				1	1	E02
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.....	auuguacuucacucaggugcuc	.....				623	0	E02
.....	Uuuguacuucacucaggugcuc	.....				1	1	E02
.....	auuguacuucacucaggugUuc	.....				1	1	E02
.....	auuguacuucacucaggugcuA	.....				1	1	E02
.....	auuguacuucacucUgugcuc	.....				1	1	E02
.....	auuguacuucacucaggGgcuc	.....				3	1	E02
.....	auuguacuucacucUggugcuc	.....				1	1	E02
.....	auuguacuucacucaggugcuU	.....				1	1	E02
.....	auuguacuUAcucaggugcuc	.....				1	1	E02
.....	auuguacuucacucaggugcCc	.....				1	1	E02
.....	auuguacuucacucaggAgcuc	.....				2	1	E02
.....	auuguacuucacucaggugGucu	.....				1	1	E02
.....	auuguacuucacucaggugcuGu	.....				1	1	E02
.....	auuguacuucacucaggCgcucu	.....				1	1	E02
.....	auuguacuucacucaggugcucA	.....				1	1	E02
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.....	auuUacuucacucaggugcucu	.....				1	1	E02
.....	auuguacuucacucaggugUucu	.....				1	1	E02
.....	auuguacuucacucagUugcucu	.....				1	1	E02
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.....	auuguacuucacucaggugcucugU	.....				32	1	E02
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.....	auuguacuucacucaggugcucugg	.....				249	0	E02
.....	auuguacuucacucaggugcucugCu	.....				1	1	E02
.....	auGGuacuucacucaggugcucuggu	.....				1	1	E02
.....	auuguacuucacucaggugcucugAu	.....				2	1	E02
.....	auuguacuucacucaggugcucuggu	.....				24	0	E02
.....	auuguacuucacucaggugcucuggA	.....				10	1	E02
.....	auuguacuucacucaggugcucugUu	.....				18	1	E02
.....	auuguacuucacucaggugcucuggC	.....				2	1	E02
.....	auuguacuucacucaggugcucugguU	.....				16	1	E02
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.....	auuguacuucacucaggugcucugguAau	.....				1	1	E02
.....	auuguacuucacucaggugcucuggugauaa	aguuccaggcgcuu	gu			2	0	E02
.....	auuguacuucacucaggugcucuggugauaa	aguuccaggcgcuu	gu			6	0	E02
.....	guacuucacucaggugcucug	.....				1	0	E02
.....	uacuucacucaggugcGcu	.....				1	1	E02
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.....	aggcgcuuuguaggaguacCcu	.....				1	1	E02
.....	aggcgcuuuguaggaguacacuu	.....				88	0	E02
.....	aggcgcuuuguaggaguacacuu	.....				29	0	E02
.....	aggcgcuuuguaggaguacacuuA	.....				4	1	E02
.....	aggcgcuuuguaggaguacacuuac	.....				3	0	E02
.....	aggcgcuuuguaggaguacacuuAU	.....				8	1	E02

Star

gacacgcagcagcaccgagggccgccgcacgccc	auuguaacuucacucaggugc	ucugugugauaaauaguuccaggcgcuugguaggaguuacacuuaccgugugggcgguuuucuu			
.....aggcgcuugguaggaguuacacuuacU.....			2	1	E02
.....ggcgcuugguaggaguuacac.....			2	0	E02
.....ggcgcuugguaggaguuacacu.....			2	0	E02
.....ggcgcuugguaggaguuacacuu.....			21	0	E02
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.....ggcgcuugguaggaguuacacuuuAA.....			1	1	E02
.....ggcgcuugguaggaguuacacuuuA.....			3	1	E02
.....ggcgcuugguaggaguuacacuuuac.....			1	0	E02
.....gcuugguaggaguuacacuu.....			1	0	E02
.....gcuugguaggaguuacacuuu.....			2	0	E02
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.....cauuguaacuucacucaggugucucu.....			1	0	B12
.....cauuguaacuucacucaggugcucuggC.....			1	1	B12
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.....auuguaacuucacucaggugG.....			1	1	B12
.....auCguacuucacucaggugc.....			1	1	B12
.....auuguaacuucacucaggugA.....			2	1	B12
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.....auuguaacuucacucaggugcucu.....			1	1	B12
.....auuguaacuucacucaggugcucuU.....			3	1	B12
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.....auuguaacuucacucaggugcucugg.....			257	0	B12
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.....auugCacuucacucaggugcucugg.....			1	1	B12
.....auuguaacuucacucaggugcucuggC.....			2	1	B12
.....auugGacuucacucaggugcucugg.....			1	1	B12
.....auuguaacuucacucaggugcuGugg.....			1	1	B12
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.....auuguaacuucacucaggugcucuggC.....			16	1	B12
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.....auuguaacuucacucaggugcucuggguU.....			14	1	B12
.....auuguaacuucacucaggugcucugggugauaaauaguuccaggcgcuuggu.....			2	0	B12
.....auuguaacuucacucaggugcucugggugauaaauaguuccaggcgcuuggu.....			10	0	B12
.....uuguaacuucacucaggugcucugg.....			1	0	B12
.....uacuucacucaggugcucu.....			4	0	B12
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.....uacuucacucaggugcucugg.....			9	0	B12
.....uacuucacucaggugcucugggu.....			1	0	B12
.....uacuucacucaggugcucuggA.....			1	1	B12

## Mature

## Star

gacacgcagcagcaccgagccgccgcacgcccauuguacuuccaucaggugcucuggugauaaauaguuccaggcgcuuguggaguacacuuaccguguggcgguuuucuu

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.....aggcgc <u>uugu</u> ggaguaca.....	3	0	B12
.....aggcgc <u>uugu</u> ggaguacacu.....	1	0	B12
.....Gggcgc <u>uugu</u> ggaguacacuu.....	1	1	B12
.....aggcgc <u>uugu</u> ggaguacacuu.....	17	0	B12
.....aggcgc <u>uugu</u> ggaguacacCua.....	1	1	B12
.....aggcgc <u>uugu</u> ggaguacacuuA.....	9	0	B12
.....aggcgc <u>uugu</u> ggaguuaUacuuA.....	1	1	B12
.....aggcgc <u>uugu</u> ggaguacacuuA.....	1	1	B12
.....aggcgc <u>uugu</u> ggaguacacuuU.....	5	1	B12
.....ggcgc <u>uugu</u> ggaguacacuu.....	6	0	B12
.....ggcgc <u>uugu</u> ggaguacacuuA.....	7	0	B12
.....ggcgc <u>uugu</u> ggaguacacuAa.....	1	1	B12
.....ggcgc <u>uugu</u> ggaguacacuuA.....	1	1	B12
.....ggcgc <u>uugu</u> ggaguacacuuU.....	3	1	B12
.....ggcgc <u>uugu</u> ggaguacacuuac.....	1	0	B12
.....gc <u>uugu</u> ggaguacacuuA.....	1	0	B12
.....cauuguacuuc <u>aucagg</u> ugcu.....	1	0	A51
.....cauuguacuuc <u>aucagg</u> ugcuc.....	1	0	A51
.....auuguacuuc <u>aucagg</u> ug.....	6	0	A51
.....auuguacuuc <u>aucagg</u> ugc.....	382	0	A51
.....auuguacuuc <u>aucaUg</u> ugc.....	1	1	A51
.....auuU <u>aucu</u> caucaggugc.....	2	1	A51
.....auuguacuuc <u>aucagg</u> Ggc.....	1	1	A51
.....auuguacuuc <u>caCcagg</u> ugc.....	1	1	A51
.....auAguacuuc <u>aucagg</u> ugc.....	1	1	A51
.....auuguacuuc <u>aucagg</u> Cgc.....	2	1	A51
.....auuguacuuc <u>aucagg</u> ugG.....	2	1	A51
.....auuguU <u>cu</u> caucaggugcu.....	1	1	A51
.....auugu <u>aGu</u> caucaggugcu.....	1	1	A51
.....auuguacuuc <u>aucagg</u> ugcu.....	210	0	A51
.....auuguacuuc <u>aucagg</u> Cgc.....	1	1	A51
.....auuguacuuc <u>aucagg</u> ugGuc.....	1	1	A51
.....auuguacuuc <u>aucagg</u> Ggcuc.....	1	1	A51
.....auuguacG <u>u</u> caucaggugcuc.....	1	1	A51
.....auuguacuuc <u>aucagg</u> ugcuc.....	125	0	A51
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.....auuguacuuc <u>aucagg</u> ugcCcu.....	1	1	A51
.....auuguacuuc <u>aucagg</u> ugcucu.....	99	0	A51
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.....auuguacuuc <u>aucagg</u> ugcucuU.....	1	1	A51
.....Uuuguacuuc <u>aucagg</u> ugcucug.....	1	1	A51
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.....auuguacuuc <u>aucagg</u> ugcucuA.....	1	1	A51
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.....auuguacuuc <u>aucagg</u> ugcucugA.....	6	1	A51
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.....auuguacuuc <u>aucagg</u> Cgcucugg.....	1	1	A51
.....auuguacuuc <u>aucagg</u> ugcucugC.....	2	1	A51
.....auuguacuuc <u>aucagg</u> ugcucugUu.....	9	1	A51
.....auuguacuuc <u>aucagg</u> ugcucuggC.....	2	1	A51
.....auuguacuuc <u>aucagg</u> ugcucGggu.....	1	1	A51
.....auuguacuuc <u>aucagg</u> ugcucuggA.....	11	1	A51
.....aCuguacuuc <u>aucagg</u> ugcucuggu.....	1	1	A51
.....auuguacuuc <u>aucagg</u> ugcucuggu.....	24	0	A51
.....auuguacuuc <u>aucagg</u> ugcucugguA.....	1	1	A51
.....auuguacuuc <u>aucagg</u> ugcucugguU.....	10	1	A51
.....auuguacuuc <u>aucagg</u> ugcucugguAa.....	1	1	A51
.....auuguacuuc <u>aucagg</u> ugcucuggugauaa <u>uag</u> uuccaggcgc <u>uugu</u> .....	1	0	A51
.....auuguacuuc <u>aucagg</u> ugcucuggugauaa <u>uag</u> uuccaggcgc <u>uugu</u> .....	2	0	A51
.....uuguacuuc <u>aucagg</u> ugcucugg.....	1	0	A51
.....uuguacuuc <u>aucagg</u> ugcucuggu.....	1	0	A51
.....uacuuc <u>aucagg</u> ugcucu.....	3	0	A51
.....uacuuc <u>aucagg</u> uA <u>cu</u> cu.....	1	1	A51
.....uacuuc <u>aucagg</u> ugcucCgg.....	1	1	A51

## Mature

## Star

gacacgcagcagcaccgagggccgcccgcacgccc	auuguacuuc	caucaggugc	ucugugau	aauguuccaggc	gc	uuguaggaguacacuu	accgugugcg	gguuuuuuu			
.....	uacuuc	caucaggugc	ucug	.....					4	0	A51
.....	Aacuuc	caucaggugc	ucug	.....					2	1	A51
.....	uacuuc	caucaggugc	ucggC	.....					1	1	A51
.....				aggcgcu	uuguaggaguac	.....			1	0	A51
.....				aggcgcu	uuguaggaguaca	.....			3	0	A51
.....				aggcgcu	uuguaggaguaAacu	.....			1	1	A51
.....				aggcgcu	uuguaggaguacacu	.....			6	0	A51
.....				aggcgcu	uuguaggagGacacuu	.....			1	1	A51
.....				aggcgcu	uuguaggaguacacGu	.....			1	1	A51
.....				aggcgcu	uuguaggaguacacuu	.....			24	0	A51
.....				aggcgcu	uuguaggaguacacuuu	.....			7	0	A51
.....				aggcgcu	uuguaggaguacacuuU	.....			3	1	A51
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.....				ggcgcu	uuguaggaguacacuuu	.....			4	0	A51
.....				ggcgcu	uuguaggaguacacuuU	.....			1	1	A51
.....				ggcgcu	uuguaggaguacacuuA	.....			1	1	A51
.....					gcuguaggaguacacAua	.....			1	1	A51
.....	cauuguacuuc	caucaggugc	uc	.....					1	0	A62
.....	auuguacuuc	caucaggug	.....						4	0	A62
.....	auuguacuuc	caucaggugc	.....						309	0	A62
.....	auuguacuuc	caucaggAgc	.....						1	1	A62
.....	auuguacCu	caucaggugc	.....						1	1	A62
.....	auuguacuuc	caucaggugG	.....						3	1	A62
.....	auuguacuuc	caucaggCgc	.....						1	1	A62
.....	auAguacuuc	caucaggugc	.....						2	1	A62
.....	auuguacuuc	caucaggugA	.....						1	1	A62
.....	auuguacuuc	caucaUgugcu	.....						1	1	A62
.....	auuguacuuc	caucaggugcu	.....						131	0	A62
.....	auGguacuuc	caucaggugcu	.....						1	1	A62
.....	auAguacuuc	caucaggugcu	.....						1	1	A62
.....	auuguaUuuc	caucaggugcu	.....						1	1	A62
.....	auuguacuuc	caucaggugUuc	.....						1	1	A62
.....	auuguacuuc	caucaggugcuA	.....						1	1	A62
.....	auuguacuuc	caucaggAgcuc	.....						1	1	A62
.....	auuguacuuc	caucaggugcuU	.....						5	1	A62
.....	auuguacuuc	caucaggugcAc	.....						1	1	A62
.....	auuguacuuc	caucaggugcuc	.....						279	0	A62
.....	auuguacuuc	caucaggugcucu	.....						104	0	A62
.....	auuguacuuc	caucaggCgcucu	.....						1	1	A62
.....	auuguacuuc	caucaggugcucug	.....						22	0	A62
.....	auuguacuuc	caucaggugcucugC	.....						1	1	A62
.....	auuguacuuc	caucaggugcucugA	.....						4	1	A62
.....	auuguacuuc	caucaggugcucugU	.....						13	1	A62
.....	auuguacuuc	caucaggugcAcugg	.....						1	1	A62
.....	auuguacuuc	caucaggugcucugg	.....						101	0	A62
.....	auuguacuuc	caucaggAgcucugg	.....						1	1	A62
.....	auuguacuuc	caucagCugcucugg	.....						1	1	A62
.....	auuguacuuc	caucaggugcucuggu	.....						18	0	A62
.....	auuguacuuc	caucaggugcucuggC	.....						2	1	A62
.....	auuguacuuc	caucaggugcucugCu	.....						2	1	A62
.....	auuguacuuc	caucaggugcucugUu	.....						7	1	A62
.....	auuguacuuc	caucaggugcucuggA	.....						2	1	A62
.....	auuguacuuc	caucaggugcucuggCg	.....						1	1	A62
.....	auuguacuuc	caucaggugcucugguU	.....						5	1	A62
.....	auuguacuuc	caucaggugcucugguUa	.....						1	1	A62
.....	auuguacuuc	caucaggugcucuggugau	aauguuccaggcgcuugu	.....					1	0	A62
.....	uuguacuuc	caucaggugcucugg	.....						1	0	A62
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.....	uacuuc	caucaggugcucugg	.....						1	0	A62
.....	Aacuuc	caucaggugcucugg	.....						1	1	A62
.....				aggcgcu	uuguaggaguac	.....			1	0	A62
.....				aggcgcu	uuguaggaguaca	.....			2	0	A62
.....				aggcgcu	uuguaggaguacac	.....			1	0	A62
.....				aggcgcu	uuguaggaguacacu	.....			3	0	A62
.....				aggcgcu	uuguaggaguacacuu	.....			17	0	A62
.....				aggcgcu	uuguaggaguacacuuu	.....			10	0	A62
.....				aggcgcu	uuguaggaguacacuuac	.....			1	0	A62



## Mature

## Star

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.....aggcgcuuugggaguacacuuU.....	3	1	A62
.....ggcgcuuugggaguaca.....	1	0	A62
.....ggcgcuuugggaguacac.....	2	0	A62
.....ggcgcuuugggaguacacu.....	1	0	A62
.....ggcgcuuugggaguacacuu.....	5	0	A62
.....ggcgcuuugggaguacacuuU.....	8	0	A62
.....ggcgcuuugggaguacacuuU.....	4	1	A62
.....ggcgcuuugggaguacacuuU.....	1	1	A62
.....gcuuugggaguacacuuU.....	1	0	A62
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.....auuguacuucaucaggug.....	39	0	E74
.....auCguacuucaucaggugc.....	3	1	E74
.....auuguacuucacaAgugc.....	1	1	E74
.....auuguacuucacaCgugc.....	1	1	E74
.....auugCacuucaucaggugc.....	1	1	E74
.....auugGacuucaucaggugc.....	2	1	E74
.....auuguacuucaucaggugG.....	1	1	E74
.....auuguacuucacaUgugc.....	1	1	E74
.....auuguacuucaucaggugc.....	406	0	E74
.....auAguacuucaucaggugcu.....	1	1	E74
.....auuguacuucaucaggugcu.....	49	0	E74
.....auuguacuucaucaggugcA.....	1	1	E74
.....auuCuacuucaucaggugcu.....	1	1	E74
.....auGguacuucaucaggugcu.....	1	1	E74
.....auuguacuucaucaggugcuc.....	104	0	E74
.....auuguacuucaucaggugcuU.....	2	1	E74
.....auuguacuucaucaggugcuA.....	1	1	E74
.....auuguacuucacUggugcuc.....	1	1	E74
.....auAguacuucaucaggugcuc.....	2	1	E74
.....auuguacuucaucaggugcucu.....	23	0	E74
.....auCguacuucaucaggugcucu.....	1	1	E74
.....auuguacuucaucaggugcuUu.....	1	1	E74
.....auuguacuucaucaggugcucug.....	5	0	E74
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.....auuguacuucaucaggugcucugg.....	4	0	E74
.....auuguacuucaucaggugcucuggu.....	1	0	E74
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.....uuguacuucaucaggugcucu.....	1	0	E74
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.....ggcgcuuugggaguacacuuU.....	3	0	E74
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.....cauuguacuucaucaggugcucugg.....	2	0	A02
.....cauuguacuucaucaggugcucugguU.....	1	1	A02
.....auuguacuucaucaggug.....	5	0	A02
.....auAguacuucaucaggugc.....	1	1	A02
.....auuguacuucaucaggugA.....	1	1	A02
.....auuguacuucaucaggugG.....	2	1	A02
.....auuUacuucaucaggugc.....	1	1	A02
.....auuguacuucacaggGgc.....	2	1	A02
.....auuguacuucaucaggugU.....	1	1	A02
.....auuguacuucaucaggugc.....	336	0	A02
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.....auuguacuucacaggugcu.....	1	1	A02
.....auuguacuucacaggugcG.....	3	1	A02
.....auuguacuucacaggugcC.....	1	1	A02
.....auuguacuucacaggGgcuc.....	1	1	A02
.....auuguacuucacaggugcuU.....	4	1	A02

## Mature

## Star

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.....auuguacuucacagguGuc.....	1	1	A02
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.....auuguacuucacaggaGcuc.....	1	1	A02
.....auuguacuucacagguGcucu.....	134	0	A02
.....auuguacuucacaggaGcucu.....	1	1	A02
.....auuguacuucacacGugcucu.....	1	1	A02
.....auuguacuucacagguGcucA.....	1	1	A02
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.....auuguacuucacagguGcucGgg.....	1	1	A02
.....auuguacuucacagguGcucugU.....	25	1	A02
.....auuguacuucacagguGcucugC.....	2	1	A02
.....auuguacuucacagguGcucugUu.....	6	1	A02
.....auuguacuucacagguGcucuggu.....	12	0	A02
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.....auuguacuucacagguGcucugCu.....	1	1	A02
.....auuguacuucacagguUcucuggu.....	1	1	A02
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.....auuguacuucacagguGcucuggaA.....	11	1	A02
.....auuguacuucacagguGcucugguU.....	15	1	A02
.....auuguacuucacagguGcucugguA.....	1	1	A02
.....auuguacuucacagguGcucugguUau.....	1	1	A02
.....auuguacuucacagguGcucugguauaa <u>uaguccaggcgc</u> uugu.....	1	0	A02
.....uuguacuucacagguGcucuggaA.....	1	1	A02
.....uacuucacacagguGcucu.....	1	0	A02
.....uacuucacacagguGcucug.....	3	0	A02
.....uacuucacacagguGcucugg.....	4	0	A02
.....uacuucacacGugcucugg.....	1	1	A02
.....uacuucacacagguGcucuggaA.....	1	1	A02
.....aggcgc <u>uuguaggagu</u> aca.....	1	0	A02
.....aggcgc <u>uuguaggagu</u> acacu.....	5	0	A02
.....Gggcgc <u>uuguaggagu</u> acacuu.....	1	1	A02
.....aggcgc <u>uuguaggagu</u> acacuu.....	22	0	A02
.....aggcgc <u>uuguaggagu</u> acacuuA.....	7	0	A02
.....aggcgc <u>uuguaggagu</u> acacuuU.....	1	1	A02
.....aggcgc <u>uuguaggagu</u> acacuuA.....	1	1	A02
.....aggcgc <u>uuguaggagu</u> acacuuA.....	2	1	A02
.....ggcgc <u>uuguaggagu</u> acac.....	1	0	A02
.....ggcgc <u>uuguaggagu</u> acacuu.....	5	0	A02
.....ggcgc <u>uuguaggagu</u> acacuuA.....	7	0	A02
.....ggcgc <u>uuguaggagu</u> acacuuA.....	1	1	A02
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.....cauuguacuucacagguG.....	1	0	H71
.....cauuguacuucacagguGcuc.....	1	0	H71
.....auuguaUuucacagguG.....	1	1	H71
.....auuguacuucacagguG.....	27	0	H71
.....auuguacuUcacagguG.....	1	1	H71
.....auuguacuucacagguA.....	10	1	H71
.....auuguacuucacagguA.....	1	1	H71
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.....auuguacuucacaggaGc.....	2	1	H71
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## Mature

## Star

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.....auuguacuucacucaggugcucugA.....	4	1	H71
.....auuguacuucacucaggugcucuggA.....	2	1	H71
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.....uacuucacucaggugcucugg.....	1	0	H71
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.....aggcgcuuuguuggaguuacU.....	3	1	H71
.....aggcgcuuuguuggaguuacA.....	7	0	H71
.....aggcgcuuuguuggaguuacacu.....	2	0	H71
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.....ggcgcuuuguuggaguuacacuu.....	4	0	H71
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.....ggcgcuuuguuggaguuacacuuA.....	2	1	H71
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.....auuguacuucacucaggCgc.....	1	1	T71
.....auuguacuucacucaggAgc.....	1	1	T71
.....auuguacuucacucaggugA.....	2	1	T71
.....auuguacuucacucaggugc.....	93	0	T71
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.....auuguacuucacucaggugcuU.....	4	1	T71
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.....auuguacuucacucaggugcucugA.....	6	1	T71
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.....auuguacuucacucaggugcucugCu.....	1	1	T71
.....auuguacuucacucaggugcucuggu.....	1	0	T71
.....auuguacuucacucaggugcucugAu.....	1	1	T71
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.....ggcgcuuuguuggaguuacacuuA.....	2	0	T71
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## Mature

## Star

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.....auuguacuucacaggAgc.....			1	1	A64
.....auuguacuucacaggGgc.....			1	1	A64
.....auuguacuucacaggCgc.....			1	1	A64
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.....auuguacuucacaggugcGc.....			1	1	A64
.....auuguacuucacaggugcucu.....			23	0	A64
.....auuguacuucacaggugcucug.....			13	0	A64
.....auuguacuucacaggugcucugU.....			11	1	A64
.....Guuguacuucacaggugcucugg.....			1	1	A64
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.....auuguacuucacaggugcucugC.....			1	1	A64
.....auuguacuucacaggugcucugg.....			60	0	A64
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.....auuguacuucacaggCgcucugg.....			1	1	A64
.....auuguacuucacaggugcucuggC.....			2	1	A64
.....auuguacuucacaggugcucugUu.....			3	1	A64
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.....auuguacuucacaggugcucugguU.....			2	1	A64
.....auuguacuucacaggugcucugguUau.....			1	1	A64
.....auuguacuucacaggugcucuggugauaaauaguccaggcgcuguu.....			1	0	A64
.....uacuucacaggugcucug.....			2	0	A64
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.....ggcgcuuuguaggaguacacuu.....			1	0	A64
.....ggcgcuuuguaggaguacacuGa.....			1	1	A64
.....ggcgcuuuguaggaguacacuuU.....			1	1	A64
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.....cauuguacuucacaggugc.....			4	0	H34
.....cauuguacuucacaggugcu.....			2	0	H34
.....cauuguacuucacaggugcuc.....			2	0	H34
.....auugAacuucacaggug.....			1	1	H34
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.....auuguacuucacaggAg.....			1	1	H34
.....auuguacuucacaggCgc.....			3	1	H34
.....auuguacGucaucaggugc.....			3	1	H34
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.....auCGuacuucacaggugc.....			1	1	H34
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.....auuguacuucacaggugA.....			2	1	H34
.....auuguacCucaucaggugc.....			2	1	H34
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.....auuguacuucacaggUugc.....			1	1	H34
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.....auuguacuucacacUugc.....			3	1	H34
.....auuguaGuucacaggugcu.....			1	1	H34
.....auuguacuucacaggugcG.....			1	1	H34
.....auuguacuucacaggAgcu.....			1	1	H34

## Mature

## Star

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.....	auuguacuucacagggugcA	.....				1	1	H34
.....	auuguacuucacagggugcu	.....				626	0	H34
.....	auuguacuucacagggugUu	.....				1	1	H34
.....	auugCacuucacagggugcu	.....				1	1	H34
.....	auuguacuCcaucagggugcu	.....				1	1	H34
.....	auuguacuucacagAugcu	.....				2	1	H34
.....	auuguacuucacagggugAu	.....				3	1	H34
.....	auugAacuucacagggugcu	.....				2	1	H34
.....	auAguacuucacagggugcu	.....				1	1	H34
.....	auuguacuucacauUgugcu	.....				1	1	H34
.....	auuguacuucacagguUcu	.....				3	1	H34
.....	auuguacuucacauCgugcu	.....				1	1	H34
.....	auugCacuucacagggugcuc	.....				1	1	H34
.....	auuguacuucacagggGgcuc	.....				1	1	H34
.....	auuguacuucacagggAgcuc	.....				1	1	H34
.....	auuguacuucacagggugcuA	.....				2	1	H34
.....	auuguacuucacagguUcuc	.....				1	1	H34
.....	auuguacuucacagggugcuU	.....				15	1	H34
.....	auugGacuucacagggugcuc	.....				2	1	H34
.....	auAguacuucacagggugcuc	.....				1	1	H34
.....	auuguacuucacagggugcuc	.....				386	0	H34
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.....	auuguacuucacagggugcuGu	.....				1	1	H34
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.....	auuguacuucacagggugcucCg	.....				1	1	H34
.....	auuguacuucacagggugcucugg	.....				62	0	H34
.....	auuguacuucacagggugcucugU	.....				10	1	H34
.....	auuguacuuaAucagggugcucugg	.....				1	1	H34
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.....	auGguacuucacagggugcucugg	.....				1	1	H34
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.....	auuguacuucacagggugcucugCu	.....				1	1	H34
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.....	auuguacuucacagggugcucuggC	.....				2	1	H34
.....	auuguacuucacagggugcucugAu	.....				1	1	H34
.....	auuguacuucacagggugcucuggA	.....				6	1	H34
.....	auuguacuucacagggugcucugUu	.....				6	1	H34
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.....	auuguacuucacagggugcucugggugauaa	aguuccaggcgcuugu	.....			1	0	H34
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.....	auuguacuucacagggugcucugggugauaa	aguuccaggcgcuuguU	.....			1	1	H34
.....	uuguacuucacagggugc	.....				1	0	H34
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.....	uacuucacagggugcucu	.....				1	0	H34
.....	Aacuucacagggugcucu	.....				1	1	H34
.....	uacuucacagggugcucugU	.....				1	1	H34
.....	uacuucacagggugcucugg	.....				1	0	H34
.....	uacuucacagggugcucugA	.....				1	1	H34
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.....	.....	agAcgcuuguaggaguacacu	.....			1	1	H34
.....	.....	aggcgcuuguaggaguacGcuu	.....			1	1	H34
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## Mature

## Star

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## Mature

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. . . . . auuguaucuucacacagggugcuGu . . . . .	3	1	E13
. . . . . auuguaucuucacacagggugcucug . . . . .	130	0	E13
. . . . . auuguaucuucacacagguUcucug . . . . .	1	1	E13
. . . . . auuguaucuucacacagguCcucug . . . . .	1	1	E13
. . . . . auugGacuucacacagggugcucug . . . . .	1	1	E13
. . . . . auuguaucuucacacagggugGucug . . . . .	1	1	E13
. . . . . auuguaucuucacacagggugcucuU . . . . .	1	1	E13
. . . . . auAGuaucuucacacagggugcucug . . . . .	1	1	E13
. . . . . auuguaucuucanUaggugcucugg . . . . .	1	1	E13
. . . . . auuguaucuucacacagggugcuGugg . . . . .	1	1	E13
. . . . . auAGuaucuucacacagggugcucugg . . . . .	1	1	E13
. . . . . auuguaucuucacacagggugAucugg . . . . .	1	1	E13
. . . . . auuguaucuucacaCGugcucugg . . . . .	2	1	E13
. . . . . auuguaucuucacacagggugcucugC . . . . .	2	1	E13
. . . . . auuguaucuucacaggaAgcucugg . . . . .	1	1	E13
. . . . . auuguaucuucacacagggugcucugU . . . . .	101	1	E13
. . . . . auuguaCGuacacacagggugcucugg . . . . .	1	1	E13
. . . . . auuguaucuucacacagggugcucugA . . . . .	108	1	E13
. . . . . auuguaucuucacacagggugcucugg . . . . .	584	0	E13
. . . . . auuguaucuucacacagggugGucugg . . . . .	1	1	E13
. . . . . auuguGcuucacacagggugcucugg . . . . .	1	1	E13
. . . . . auuguaucuucacacagggugcucugUu . . . . .	25	1	E13
. . . . . auuguaucuucacacagggugcucugAu . . . . .	5	1	E13
. . . . . auuguaucuucacagggGgcucuggu . . . . .	1	1	E13
. . . . . auuguaucuucacacagggugcucugCu . . . . .	3	1	E13
. . . . . auAGuaucuucacacagggugcucuggu . . . . .	1	1	E13
. . . . . auuguaucuucacacagggugAucuggu . . . . .	1	1	E13
. . . . . auuguaucuucacacagggugcucuggC . . . . .	13	1	E13
. . . . . auuguaucuucacacagggugcucuggu . . . . .	71	0	E13
. . . . . auuguaucuucacaAgugcucuggu . . . . .	1	1	E13
. . . . . auuguaucuucacacagggugcucuggA . . . . .	43	1	E13
. . . . . auuguaucuucacacagggugcucugguU . . . . .	25	1	E13
. . . . . auuguaucuucacacagggugcucugguA . . . . .	1	1	E13
. . . . . auuguaucuucacacagggugcucugguC . . . . .	2	1	E13
. . . . . auuguaucuucacacagggugcucugguAa . . . . .	1	1	E13
. . . . . auuguaucuucacacagggugcucuggugauaaauaguuccaggcgcuugu . . . . .	3	0	E13
. . . . . auuguaucuucacacagggugcucuggugauaaauaguuccaggcgcuuguu . . . . .	6	0	E13
. . . . . auuguaucuucacacagggugcucuggugauaaauaguuccaggcgcuuguU . . . . .	1	1	E13
. . . . . uuguacuucacacagggugc . . . . .	2	0	E13
. . . . . uuguacuucacacagggugcuc . . . . .	1	0	E13
. . . . . guacuucacacagggugcucug . . . . .	1	0	E13
. . . . . uacuucacacaggCGcucuc . . . . .	1	1	E13
. . . . . Aacuucacacagggugcucu . . . . .	2	1	E13
. . . . . uacuucacacagggugcucu . . . . .	18	0	E13
. . . . . uacuucacauUgugcucug . . . . .	1	1	E13
. . . . . uacuucacacagggugcucug . . . . .	6	0	E13
. . . . . uacuGcacacagggugcucug . . . . .	1	1	E13
. . . . . uacuucacacagggugcucugg . . . . .	20	0	E13
. . . . . uacuucacacagggugcucugU . . . . .	1	1	E13
. . . . . uacuAAcacacagggugcucugg . . . . .	1	1	E13
. . . . . uacuucacacagggugcucugA . . . . .	1	1	E13
. . . . . Aacuucacacagggugcucugg . . . . .	2	1	E13
. . . . . cuucacacagggugcucugg . . . . .	1	0	E13
. . . . . aggcgcuuuguuggaguiac . . . . .	1	0	E13
. . . . . aggcgcuuuguuggaguiaca . . . . .	5	0	E13
. . . . . aggcgcuuuguuggaguiacacu . . . . .	19	0	E13
. . . . . aggcgcuuuguuggaguiacacuu . . . . .	105	0	E13
. . . . . aggcgcuuuguugUaguiacacuu . . . . .	1	1	E13
. . . . . aggcgcuuuguuggaguiacaUuu . . . . .	1	1	E13
. . . . . aggcgcuuuguuggaguaAAacu . . . . .	1	1	E13
. . . . . aggcgcuuuguuggaguiacGcuu . . . . .	1	1	E13
. . . . . Gggcgcuuguuggaguiacacuua . . . . .	1	1	E13
. . . . . aggcgcuuuguuggaguiacacuua . . . . .	82	0	E13
. . . . . aggcgcuuuguuggaguiacacuuU . . . . .	3	1	E13
. . . . . aggcgcuuuguuggaguiacacuuUc . . . . .	1	1	E13
. . . . . aggcgcuuuguuggaguiacacuuAA . . . . .	7	1	E13
. . . . . aggcgcuuuguuggaguiacacuuuU . . . . .	7	1	E13
. . . . . aggcgcuuuguuggaguiacacuuaac . . . . .	10	0	E13

Star

.....aggcgcuuguuggaguuacacuuacU.....	1	1	E13
.....ggcgcuuguuggaguuacac.....	1	0	E13
.....ggcgcuuguuggaguuacacac.....	4	0	E13
.....ggcgcuuguuggaguuacacuu.....	35	0	E13
.....ggcgcuuguuUcgaguuacacuu.....	1	1	E13
.....ggcgcuuguuggaguuacacuu.....	37	0	E13
.....ggcgcuuguuggaguuacacuuac.....	2	0	E13
.....ggcgcuuguuggaguuacacuuau.....	4	1	E13
.....ggcgcuuguuggaguuacacuuauA.....	3	1	E13
.....ggcgcuuguuggaguuacacuuauG.....	1	1	E13
.....gcuuguuggaguuacacuu.....	5	0	E13
.....cauuguacuucacagAugc.....	1	1	E01
.....cauuguacuucacaggugc.....	1	0	E01
.....cauuguacuucacaggugcu.....	1	0	E01
.....cauuguacuucacaggugcuc.....	4	0	E01
.....cauuguacuucacaggugcucug.....	1	0	E01
.....auuguacuucacaggug.....	21	0	E01
.....auuguacuucacaggugc.....	1406	0	E01
.....auuguacuucacauUgugc.....	2	1	E01
.....auuguacuUcCacaggugc.....	1	1	E01
.....Uuuguacuucacaggugc.....	1	1	E01
.....auGguacuucacaggugc.....	3	1	E01
.....auuguacuucacaggGgc.....	4	1	E01
.....auuguacuucacaggugA.....	1	1	E01
.....auuguGcuucacaggugc.....	1	1	E01
.....auuguacuucUucaggugc.....	1	1	E01
.....auuguacuucacaggAgc.....	5	1	E01
.....auuguacuucacaggugG.....	3	1	E01
.....auuguacuUcCacaggugc.....	1	1	E01
.....auuguacuucacaggugU.....	2	1	E01
.....auAguacuucacaggugc.....	1	1	E01
.....auuguacuucacUggugc.....	1	1	E01
.....auuguacuucacaggGgc.....	5	1	E01
.....auuguacuUcCacaggugc.....	1	1	E01
.....auuguacuucacagguaAc.....	1	1	E01
.....auuguacuUcCacaggugc.....	1	1	E01
.....auuguacuUcCacaggugcu.....	1	1	E01
.....auCguacuucacaggugcu.....	1	1	E01
.....auuguacuucacUggugcu.....	1	1	E01
.....auuguacuucacaggGgcU.....	1	1	E01
.....auAguacuucacaggugcu.....	2	1	E01
.....auuguacuucacaggugcG.....	1	1	E01
.....auuguacuucacaggugcu.....	254	0	E01
.....auuguacuucacaggugcuA.....	2	1	E01
.....auuguacuucacaggugcAc.....	1	1	E01
.....auuguacuucauUaggugcuc.....	1	1	E01
.....auuguacuucacaggugcuc.....	386	0	E01
.....auuguacuucacaggugcuU.....	5	1	E01
.....auCguacuucacaggugcuc.....	1	1	E01
.....auugAacuucacaggugcuc.....	1	1	E01
.....auGguacuucacaggugcuc.....	1	1	E01
.....auuguacuucacaggugUuc.....	1	1	E01
.....auuguacuucacauUgugcuc.....	1	1	E01
.....auuguacuucacaggGgcuc.....	2	1	E01
.....auuguacuucauUaggugcucu.....	1	1	E01
.....auuguacuucacaggugcuUu.....	2	1	E01
.....Uuuguacuucacaggugcucu.....	1	1	E01
.....auuguacuucacaggugcucu.....	231	0	E01
.....auuguacuUcCacaggugcucu.....	1	1	E01
.....auuguacuucacaggugcucug.....	63	0	E01
.....auCguacuucacaggugcucug.....	1	1	E01
.....auuguacuucacaggGgcucug.....	1	1	E01
.....auuguacuucacaggugGucug.....	1	1	E01
.....auuguacuucacaggugcucAagg.....	1	1	E01
.....auuguacuucacaggugcucugU.....	43	1	E01
.....auuguacuucacaggGgcucugg.....	1	1	E01
.....auuguacuucacaggGgcucugg.....	1	1	E01
.....auuguacuucacaggugAucugg.....	1	1	E01
.....auuguacuucacaggugcuGugg.....	1	1	E01

## Mature

## Star

gacacgcagcagcaccgagggccgcccgcacgccc	auuguacuucacagggugcucugggugauaauguuccaggcgc	guuguuggaguacacuuaccgugugcgguuuucuu			
.....auuguacuucacagggugUucugg.....	1	1	E01		
.....auuguacuucacagggugAcugg.....	1	1	E01		
.....auuguacuucacagggugcucugA.....	20	1	E01		
.....auuguacuucacagggugcucugg.....	298	0	E01		
.....auuguacuucacagggugcucuggu.....	25	0	E01		
.....auuguacuucacagggugcucuggC.....	5	1	E01		
.....auuguacuucacagggugcucuggA.....	7	1	E01		
.....auuguacuucacagggugcucugUu.....	18	1	E01		
.....auuguacuucacagggugcucugCu.....	1	1	E01		
.....auuguacuucacagggugcucugguC.....	2	1	E01		
.....auuguacuucacagggugcucugguU.....	14	1	E01		
.....auuguacuucacagggugcucuggugauaauguuccaggcgcuugu.....	1	0	E01		
.....auuguacuucacagggugcucuggugauaauguuccaggcgcuugu.....	2	0	E01		
.....Auguacuucacagggugcucu.....	1	1	E01		
.....uuguacuucacagggugcucugg.....	1	0	E01		
.....Aacuucacagggugcucu.....	1	1	E01		
.....uacuucacacCgugcucu.....	1	1	E01		
.....uacuucacagggugcucu.....	5	0	E01		
.....uacuucacagggugcucugg.....	9	0	E01		
.....Aacuucacagggugcucugg.....	2	1	E01		
.....uacuucacagggugcucugU.....	1	1	E01		
.....uacuucacagggugcucugguU.....	1	1	E01		
.....aggcgcuuguuggaguacac.....	2	0	E01		
.....aggcgcuuguuggaguacacu.....	7	0	E01		
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.....aggcAcuuguuggaguacacuu.....	1	1	E01		
.....aggcgcuuguuggaguacGcuu.....	1	1	E01		
.....aggcgcuuguuggaguUcacuu.....	1	1	E01		
.....aggcgcuuguuggaguacacuuU.....	3	1	E01		
.....aggcgcuuguuggaguacacuuA.....	61	0	E01		
.....aggcgcuuguuggaguacacuuac.....	6	0	E01		
.....aggcgcuuguuggaguacacuuA.....	3	1	E01		
.....aggcgcuuguuggaguacacuuU.....	10	1	E01		
.....ggcgcuuguuggaguacacu.....	1	0	E01		
.....ggcgcuuguuggaguacacu.....	18	0	E01		
.....ggcgcuuguuggaguGacuuA.....	1	1	E01		
.....ggcgcuuguuggaguacacuuA.....	29	0	E01		
.....ggcAcuuguuggaguacacuuA.....	1	1	E01		
.....ggcgcuuguuggaguacacuuac.....	2	0	E01		
.....ggcgcuuguuggaguacacuuU.....	3	1	E01		
.....ggcgcuuguuggaguacacuuA.....	1	1	E01		
.....ggcgcuuguuggaguacacuuU.....	1	1	E01		
.....cgcuuguuggaguacacuuA.....	1	0	E01		
.....gcuuguuggaguacacuuA.....	2	0	E01		
.....cauguacuucacagggugcuc.....	1	0	B11		
.....auuguacuucacagggug.....	1	0	B11		
.....auugGacuucacagggugc.....	1	1	B11		
.....auuguacuucacagggugc.....	234	0	B11		
.....auuguacuucacagggugG.....	3	1	B11		
.....auuguacuucacagggugA.....	1	1	B11		
.....auAguacuucacagggugc.....	2	1	B11		
.....auGguacuucacagggugcu.....	1	1	B11		
.....auuguacuucacauUgugcu.....	1	1	B11		
.....auuguacuucacauAguugcu.....	1	1	B11		
.....auugAacuucacagggugcu.....	1	1	B11		
.....auuguacuucacagggugcu.....	78	0	B11		
.....auAguacuucacagggugcu.....	1	1	B11		
.....auuguacuucacagggugcuc.....	177	0	B11		
.....auugAacuucacagggugcuc.....	1	1	B11		
.....auAguacuucacagggugcuc.....	2	1	B11		
.....auuguacuucacagggugUcuc.....	1	1	B11		
.....Cuuguacuucacagggugcucu.....	1	1	B11		
.....auuguacuucacagggugcucu.....	122	0	B11		
.....auuguacuucacagggugcucug.....	30	0	B11		
.....Guuguacuucacagggugcucugg.....	1	1	B11		
.....auuguacuucacagggugcucugg.....	123	0	B11		
.....auuguacuucacagggugcucugU.....	26	1	B11		
.....auAguacuucacagggugcucugg.....	1	1	B11		

## Mature

## Star

gacacgcagcagcaccgagggccgcgcacgcccauuguacuucaucaggugcucugggugauaaauaguccaggcgcuuguuggaguacacuuaccguguuggcgguuuuuuuu

.....auuguacuUaucaggugcucugg.....	1	1	B11
.....auuguacuuc <u>aucaggugcucugA</u> .....	10	1	B11
.....auCguacuuc <u>aucaggugcucugg</u> .....	1	1	B11
.....auuguacuuc <u>aucaggugcucugAu</u> .....	1	1	B11
.....auuguacuuc <u>aucaggugcucuggC</u> .....	5	1	B11
.....auuguacuuc <u>aucaggugcucuggA</u> .....	4	1	B11
.....auuguacuuc <u>aucaggugcucuggu</u> .....	19	0	B11
.....auuguacuuc <u>aucaggugcucugCu</u> .....	2	1	B11
.....auuguacuuc <u>aucaggugcucugUu</u> .....	3	1	B11
.....auuguacuuc <u>aucaggugcucugguU</u> .....	8	1	B11
.....auuguacuuc <u>aucaggugcucugguUau</u> .....	2	1	B11
.....auuguacuuc <u>aucaggugcucuggugau</u> <u>aaauaguccaggcgcuguu</u> .....	1	0	B11
.....auuguacuuc <u>aucaggugcucuggugau</u> <u>aaauaguccaggcgcuguu</u> .....	1	0	B11
.....uuguacuuc <u>aucaggugcucugg</u> .....	1	0	B11
.....guacuuc <u>aucaggugcucugU</u> .....	1	1	B11
.....uacuuc <u>aucaggugcucu</u> .....	1	0	B11
.....uacuuc <u>aucaggugcucuUg</u> .....	1	1	B11
.....uacuuc <u>aucaggugcucugg</u> .....	8	0	B11
.....aggcgc <u>uuguaggaguac</u> .....	1	0	B11
.....aggcgc <u>uuguaggaguaca</u> .....	1	0	B11
.....aggcgc <u>uuguaggaguacacCu</u> .....	1	1	B11
.....aggcgc <u>uuguaggaguacacuu</u> .....	19	0	B11
.....aggcgc <u>uuguaggaguacGcuu</u> .....	1	1	B11
.....aggcgc <u>uuguaggaguacacuuu</u> .....	5	0	B11
.....aggcgc <u>uuguaggaguacacuuA</u> .....	2	1	B11
.....aggcgc <u>uuguaggaguacacuuac</u> .....	1	0	B11
.....aggcgc <u>uuguaggaguacacuuuU</u> .....	2	1	B11
.....ggcgc <u>uuguaggaguacacuu</u> .....	8	0	B11
.....ggcgc <u>uuAuuggaguacacuu</u> .....	1	1	B11
.....ggcgc <u>uuguaggaguacacuuu</u> .....	2	0	B11
.....ggcgc <u>uuguaggaguacacuuuU</u> .....	3	1	B11
.....cgcu <u>uuguaggaguacacuuuU</u> .....	1	1	B11
.....auuguacuuc <u>aucaggug</u> .....	2	0	B14
.....auuguacuuc <u>aucaggugc</u> .....	23	0	B14
.....auuguacuuc <u>aucaggugcu</u> .....	15	0	B14
.....auuguacuuc <u>aucaggugcuc</u> .....	46	0	B14
.....auuguacuuc <u>aucaggugcucu</u> .....	44	0	B14
.....auuguacuuc <u>aucaggugcucug</u> .....	30	0	B14
.....auAguacuuc <u>aucaggugcucug</u> .....	1	1	B14
.....auuguacuuc <u>aucaggugcucugC</u> .....	1	1	B14
.....auuguacuuc <u>aucaggugcucugU</u> .....	30	1	B14
.....auuguacuuc <u>aucaggugcucugA</u> .....	73	1	B14
.....auuguacuuc <u>aucaggugcucugg</u> .....	94	0	B14
.....auuguacuuc <u>aucaggugcucuggC</u> .....	13	1	B14
.....auuguacuuc <u>aucaggugcucugAu</u> .....	2	1	B14
.....auuguacuuc <u>aucaggugcucuggA</u> .....	32	1	B14
.....auuguacuuc <u>aucaggugcucugUu</u> .....	5	1	B14
.....auuguacuuc <u>aucaggugcucugCu</u> .....	5	1	B14
.....auuguacuuc <u>aucaggugcucuggu</u> .....	11	0	B14
.....auuguacuuc <u>aucaggugcucugguA</u> .....	1	1	B14
.....auuguacuuc <u>aucaggugcucugguC</u> .....	2	1	B14
.....auuguacuuc <u>aucaggugcucugguU</u> .....	7	1	B14
.....auuguacuuc <u>aucaggugcucugguUau</u> .....	1	1	B14
.....auuguacuuc <u>aucaggugcucuggugau</u> <u>aaauaguccaggcgcuguu</u> .....	2	0	B14
.....uuguacuuc <u>aucaggugcucu</u> .....	1	0	B14
.....uuguacuuc <u>aucaggugcucugA</u> .....	2	1	B14
.....uguacuuc <u>aucaggugcucuggA</u> .....	1	1	B14
.....uacuuc <u>aucaggugcucugg</u> .....	6	0	B14
.....uacuuc <u>aucaggugcucuggA</u> .....	1	1	B14
.....uacuuc <u>aucaggugcucuggC</u> .....	1	1	B14
.....uacuuc <u>aucaggugcucuggu</u> .....	1	0	B14
.....aggcgc <u>uuguaggaguaca</u> .....	1	0	B14
.....aggcgc <u>uuguaggaguacac</u> .....	1	0	B14
.....aggcgc <u>uuguaggaguacacu</u> .....	7	0	B14
.....aggcgc <u>uuguaggaguacacuu</u> .....	14	0	B14
.....aggcgc <u>uuguaggaguacacuuu</u> .....	7	0	B14
.....aggcgc <u>uuguaggaguacacuuuU</u> .....	1	1	B14
.....aggcgc <u>uuguaggaguacacuuac</u> .....	1	0	B14
.....aggcgc <u>uuguaggaguacacuuuA</u> .....	4	1	B14

## Mature

## Star

gacacgcagcagcaccgagggccgcgcacgccc	auuguacuuc	caucaggugcu	cuggugau	aauguuccaggcg	gcuuguaggaguacacuu	accgugugcgguuuucuu			
.....	ggcgcguu	gggaguacacu	.....	2	0	B14			
.....	ggcgcuu	Auuggaguacacu	.....	1	1	B14			
.....	ggcgcuu	guaggaguacacu	.....	12	0	B14			
.....	ggcgcguu	gggaguCcacuu	.....	1	1	B14			
.....	ggcgcguu	Cggaguacacuu	.....	1	1	B14			
.....	ggcgcguu	gggaguacacu	aa	1	1	B14			
.....	ggcgcguu	gggaguacacuu	a	11	0	B14			
.....	ggcgcguu	gggaguacacuu	AA	1	1	B14			
.....	cauuguacuuc	caucaggugcu	cuggugau	aauguucca	Agcgcguu	.....	1	1	A12
.....	auuguacuuc	caucaggug	.....	1	0	A12			
.....	auuguacuuc	caucaggUc	.....	1	1	A12			
.....	auuguacuuc	caucagUgc	.....	1	1	A12			
.....	auuguacuuc	caucaggugG	.....	2	1	A12			
.....	auuUacuuc	caucaggugc	.....	1	1	A12			
.....	auuguacuuc	caucaggugc	.....	335	0	A12			
.....	Guuguacuuc	caucaggugcu	.....	2	1	A12			
.....	auuguacuuc	caucaggugcA	.....	2	1	A12			
.....	auuguacuuc	caucaggAgcu	.....	1	1	A12			
.....	auuguacuuc	Ucaggugcu	.....	1	1	A12			
.....	auuguacuuc	caucaggugcu	.....	155	0	A12			
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.....	auuguacuuc	caucaggugcuc	.....	118	0	A12			
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## Mature

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[illegible]



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[illegible]

## Mature

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.auuguacuucacagggAu			1 1 H03
.auuguacuucacagguCcuc			1 1 H03
.auAguacuucacagggucuc			3 1 H03
.auuguacuucAuAaggugcuc			1 1 H03
.auuguacuucacagUgucuc			1 1 H03
.auuguacuucacagggucuc			985 0 H03
.auuguacuucacUggugcuc			1 1 H03
.auugAacuucacagggucuc			1 1 H03
.auuguacuucacagguUcuc			2 1 H03
.auuguacuucacagggucG			1 1 H03
.auuguacuucacaggaGcuc			6 1 H03
.auuguacuucacagggCguc			4 1 H03
.auuguacuucacagggucA			3 1 H03
.auuguacuucacagggucCc			1 1 H03
.auuguacuucacagggucU			10 1 H03
.auuguacuucacagggGcuc			2 1 H03
.auuguacuucacagggucGc			1 1 H03
.auuguacuucacagggCgcu			2 1 H03
.auuguacuucacagggucUu			1 1 H03
.auuguacuucacagggucucu			372 0 H03
.auuguacCucaucagggucucu			1 1 H03
.auuguacuucacagggucA			1 1 H03
.auuguacuucacagggucGu			1 1 H03
.auuguacuucacagguUcucu			1 1 H03
.auuguacuucacagggucAu			1 1 H03
.auuguGcuucacagggucucu			1 1 H03
.auuguacuucacagggGgucu			1 1 H03
.auAguacuucacagggucucug			1 1 H03
.auuguacuucacagggucucuU			2 1 H03
.auuguacuucacagggucucug			55 0 H03
.auAguacuucacagggucucugg			1 1 H03
.auuguacuucacagguCcucugg			1 1 H03
.auGguacuucacagggucucugg			2 1 H03
.auuguacuucacagggucucGgg			1 1 H03
.auuguacuucacagggucucugC			3 1 H03
.auuguacuucacagggucucugA			117 1 H03
.auuguacuucacagggucucugU			82 1 H03
.auuguacuucacagggucucugg			272 0 H03
.auuguacuucacagggucucuggA			29 1 H03
.auuguacuucacagggucucuggC			23 1 H03
.auuguacuucAacagggucucuggu			1 1 H03
.auGguacuucacagggucucuggu			1 1 H03
.auuguacuucacagggucucugUu			36 1 H03
.auuguacuucacagggucucugAu			6 1 H03
.auuguacuucacagggucucugCu			9 1 H03
.auuguacuucacagggucucuggu			45 0 H03
.auuguacuucacagggucucugguU			28 1 H03
.auuguacuucacagggucucugguA			3 1 H03
.auuguacuucacagggucucugguC			4 1 H03

## Mature

## Star

gacacgcagcagcaccgagggccgcccgcacgcccauuguacuucacagggugcucuggugauaauaguccaggcgcuuguuggaguacacuuaccguguggcgguuuuuuuu

.....auuguacuucacagggugcucugguAa.....	1	1	H03
.....auuguacuucacagggugcucugguAau.....	1	1	H03
.....auuguacuucacagggugcucugguUau.....	3	1	H03
.....auuguacuucacagggugcucuggugauaa <u>uaguccaggcgc</u> uugu.....	2	0	H03
.....auuguacuucacagggugcucuggugauaa <u>uaguccaggcgc</u> uuguu.....	7	0	H03
.....auuguacuucacagggugcucuggugauaa <u>uaguccaggcgc</u> uuguuU.....	2	1	H03
.....uuguacuucacaggguc.....	3	0	H03
.....uuA <u>uacuu</u> cacaggguc.....	1	1	H03
.....uuguacuucacagggucuc.....	1	0	H03
.....uuguacuucacagggucucuc.....	1	0	H03
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.....uguacuucacagggucucug.....	1	0	H03
.....uguacuucacagggucucuggC.....	1	1	H03
.....uacuucaucagggucucuc.....	5	0	H03
.....uacuucaucagggucucugg.....	3	0	H03
.....uacuucaucagggucucugA.....	1	1	H03
.....uacuucaucagggucucuggC.....	1	1	H03
.....aggcgc <u>uugu</u> ggag <u>uac</u> .....	2	0	H03
.....aggcgc <u>uugu</u> ggag <u>uaca</u> .....	11	0	H03
.....aggcgc <u>uugu</u> ggag <u>uacac</u> .....	7	0	H03
.....aggcgc <u>uugu</u> gg <u>G</u> uacac <u>u</u> .....	1	1	H03
.....aggcgc <u>uugu</u> ggag <u>uacac</u> u.....	38	0	H03
.....agA <u>cgcu</u> u <u>gu</u> ggag <u>uacac</u> u.....	1	1	H03
.....aggcgc <u>uugu</u> ggag <u>uCc</u> ac <u>u</u> .....	1	1	H03
.....aggcgc <u>uugu</u> ggag <u>uacU</u> cu.....	1	1	H03
.....aU <u>gcgc</u> u <u>gu</u> ggag <u>uacac</u> u.....	1	1	H03
.....aggcgc <u>uugu</u> ggag <u>uacac</u> uG.....	2	1	H03
.....aggcgc <u>uugu</u> ggag <u>uU</u> acac <u>u</u> .....	1	1	H03
.....agA <u>cgcu</u> u <u>gu</u> ggag <u>uacac</u> u.....	1	1	H03
.....aggcgc <u>uugu</u> ggag <u>uacac</u> u.....	153	0	H03
.....aggcgc <u>uugu</u> ggag <u>uacac</u> uua.....	51	0	H03
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.....aggcgc <u>uugu</u> ggag <u>uacac</u> uua <u>c</u> .....	8	0	H03
.....aggcgc <u>uugu</u> ggag <u>uacac</u> uuaU.....	16	1	H03
.....aggcgc <u>uugu</u> ggag <u>uacac</u> uuaA.....	2	1	H03
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.....aggcgc <u>uugu</u> ggag <u>uacac</u> uuaU.....	2	1	H03
.....ggcgc <u>uugu</u> ggag <u>uacac</u> u.....	4	0	H03
.....ggcgc <u>uugu</u> ggag <u>uaca</u> G <u>u</u> .....	1	1	H03
.....ggcgc <u>uugu</u> ggag <u>uacac</u> u.....	2	1	H03
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.....ggcgc <u>uugu</u> ggag <u>uacac</u> uua.....	40	0	H03
.....ggcgc <u>uugu</u> ggag <u>uacac</u> uU.....	1	1	H03
.....ggcgc <u>uugu</u> ggag <u>uacac</u> uuaU.....	4	1	H03
.....ggcgc <u>uugu</u> ggag <u>uacac</u> uua <u>c</u> .....	1	0	H03
.....ggcgc <u>uugu</u> ggag <u>uacac</u> uuaA.....	4	1	H03
.....cg <u>cu</u> u <u>gu</u> ggag <u>uacac</u> uua.....	1	0	H03
.....gc <u>u</u> u <u>gu</u> ggag <u>uacac</u> u.....	1	0	H03
.....gc <u>u</u> u <u>gu</u> ggag <u>uacac</u> uua.....	2	0	H03
.....gc <u>u</u> u <u>gu</u> ggag <u>uacac</u> uuaU.....	1	1	H03
.....gc <u>u</u> u <u>gu</u> ggag <u>uacac</u> uGc.....	1	1	H03
.....gc <u>u</u> u <u>gu</u> ggag <u>uacac</u> uuaA.....	1	1	H03
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.....auuguacuucacaggAg.....	1	1	A54
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.....Uuuguacuucacaggguc.....	1	1	A54
.....auuguacuucacaggguc.....	202	0	A54
.....auuguacuucacaggCgc.....	1	1	A54
.....auuguacuucacaggguc.....	116	0	A54
.....auuguacuucacagggucG.....	1	1	A54
.....auuguacuucacaggAgcu.....	1	1	A54
.....auuguacuuc <u>a</u> Ugugcuc.....	1	1	A54
.....auuguacuucacagggucA.....	1	1	A54
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.....auuguacuucacagggucU.....	5	1	A54
.....auuguacuucacagggucuc.....	88	0	A54
.....auuguacuucacaggAgcuc.....	1	1	A54
.....auuguacuucacagggucUu.....	1	1	A54

## Mature

## Star

gacacgcagcagcaccgagggccgcccgcacgccc	auuguacuucacagggugcucugggugauaauguuccaggcgc	uuuguuggaguacacuuaccguguggcgguuuuuuuu			
.....	auuguacuucacagggugcucu.....		52	0	A54
.....	auuguacuucacagggugcucA.....		1	1	A54
.....	auuguacuucacagggugGucu.....		1	1	A54
.....	auuguacuucacagggugcucug.....		13	0	A54
.....	auuguacuucacagggugcucugg.....		63	0	A54
.....	auuguacuucacagggugcucugA.....		2	1	A54
.....	auuguacuucacaggaGgcucugg.....		1	1	A54
.....	auuguacuucacaggaGgcucugg.....		1	1	A54
.....	auuguacuucacagggugcucugU.....		4	1	A54
.....	auuguacuucacagggugcucuggu.....		10	0	A54
.....	auuguacuucacagggugcucugUu.....		2	1	A54
.....	auuguacuucacagggugcucugga.....		6	1	A54
.....	auuguacuucacagggugcucugguC.....		1	1	A54
.....	auuguacuucacagggugcucugguU.....		7	1	A54
.....	auuguacuucacagggugcucugguuu.....		1	0	A54
.....	.....uacuucacagggugcucu.....		1	0	A54
.....	.....uacuucacagggugcucugg.....		1	0	A54
.....	.....uacuucacagUugcucugg.....		1	1	A54
.....	.....Gggcgcuuguuggaguac.....		1	1	A54
.....	.....aggcgcuuguuggaguacacu.....		2	0	A54
.....	.....Gggcgcuuguuggaguacacuu.....		1	1	A54
.....	.....aggcgcuuguuggaguacacuu.....		10	0	A54
.....	.....aggcgcuuguuggaguacacuuu.....		1	0	A54
.....	.....aggcgcuuguuggaguacacuuU.....		1	1	A54
.....	.....ggcgcuuguuggaguacacu.....		2	0	A54
.....	.....ggcgcuuguuggaguacacuu.....		2	0	A54
.....	.....ggcgcuuguuggaguacacuuu.....		1	0	A54
.....	.....Ucauguacuucacagggugc.....		1	1	H23
.....	.....cauguacuucacagggugc.....		7	0	H23
.....	.....cauguacuucacagggugcu.....		3	0	H23
.....	.....cauguacuucacagggugcuc.....		3	0	H23
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.....	.....auuguacuucacagguC.....		1	1	H23
.....	.....auuguacuucacagguG.....		169	0	H23
.....	.....auugCacuucacagguG.....		2	1	H23
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.....	.....auuguacuucacaggaGgc.....		3	1	H23
.....	.....auuguacuucacagguUc.....		3	1	H23
.....	.....auuguacuucacagCugc.....		1	1	H23
.....	.....auuguacuucacagguGU.....		5	1	H23
.....	.....auuguacuucacaggaGgc.....		4	1	H23
.....	.....auuguacuucacagguG.....		1	1	H23
.....	.....auuguaUuucaucagggugc.....		2	1	H23
.....	.....auuguacuucacagguG.....		1	1	H23
.....	.....auGguacuucacagggugc.....		9	1	H23
.....	.....auugGacuucacagggugc.....		7	1	H23
.....	.....auuguacuucacaggaGgc.....		3	1	H23
.....	.....auuguacuucacagggugc.....		3683	0	H23
.....	.....auuAacuucacagggugc.....		1	1	H23
.....	.....auuUacuucacagggugc.....		1	1	H23
.....	.....auuguacuucacagguG.....		12	1	H23
.....	.....auuguacuucacagguGA.....		5	1	H23
.....	.....auuguacuucacaggaGgc.....		3	1	H23
.....	.....auuguacCucaucagggugc.....		1	1	H23
.....	.....auuguacuucacagguUaggugc.....		1	1	H23
.....	.....auuguacuucacaggaGgc.....		2	1	H23
.....	.....auuguacuuaAucagggugc.....		1	1	H23
.....	.....auCGuacuucacagggugc.....		2	1	H23
.....	.....auuguacuucacaggaUugc.....		2	1	H23
.....	.....Cuuguacuucacagggugc.....		1	1	H23
.....	.....auugAacuucacagggugc.....		5	1	H23
.....	.....auuguGcuucacagggugc.....		2	1	H23
.....	.....auuguacuucacaggaUugc.....		1	1	H23
.....	.....auuguacuucacaggaUaggugc.....		2	1	H23
.....	.....auuguacuucacagguCc.....		1	1	H23
.....	.....auAguacuucacagggugc.....		5	1	H23
.....	.....aCuuguacuucacagggugc.....		1	1	H23
.....	.....Uuuuguacuucacagggugc.....		1	1	H23
.....	.....auuguacuAcaucagggugc.....		2	1	H23

## Mature

## Star

gacacgcagcagcaccgagggccgcgcagccc	auuguacuucacagggugcu	cuggugauaa	uaguccaggc	gcuuguaggaguacacuu	accgugugcgguuuuuuu			
.....	auugCacuucacaggguc	.....				2	1	H23
.....	auuguacuucacagAugc	.....				1	1	H23
.....	auuguaAuucacaggguc	.....				3	1	H23
.....	Uuuguacuucacaggguc	.....				1	1	H23
.....	auuguacuucacagggucA	.....				1	1	H23
.....	auuguacuucacagggUu	.....				2	1	H23
.....	auuguacuucacaggguc	.....				690	0	H23
.....	auuguacuucacaggGgcu	.....				1	1	H23
.....	auugGacuucacaggguc	.....				1	1	H23
.....	auGguacuucacaggguc	.....				1	1	H23
.....	auuUuacuucacaggguc	.....				1	1	H23
.....	auCguacuucacaggguc	.....				1	1	H23
.....	auuguacuucacagggucG	.....				2	1	H23
.....	auuguacuucacagggucU	.....				16	1	H23
.....	auuguacuucacagCugcuc	.....				1	1	H23
.....	auuguacuucacagggucG	.....				2	1	H23
.....	auuguacuucacagguUcuc	.....				1	1	H23
.....	auuguacuucacauUgucuc	.....				1	1	H23
.....	auuguacuAcaucagggucuc	.....				1	1	H23
.....	auuguacuucacagggucA	.....				4	1	H23
.....	auuUuacuucacagggucuc	.....				1	1	H23
.....	auAguacuucacagggucuc	.....				1	1	H23
.....	auuguacuucacagggucuc	.....				588	0	H23
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.....	auugCacuucacagggucuc	.....				2	1	H23
.....	auuguacAucaucagggucucu	.....				1	1	H23
.....	auuguacuucacagggucUu	.....				1	1	H23
.....	auuguacuucacagggucucu	.....				140	0	H23
.....	auGguacuucacagggucucu	.....				1	1	H23
.....	auuguacuucacagggucucug	.....				14	0	H23
.....	auuguacuucacagggucucugg	.....				73	0	H23
.....	auCguacuucacagggucucugg	.....				1	1	H23
.....	auuguacuucacagggucucugC	.....				1	1	H23
.....	auuguacuucUucagggucucugg	.....				1	1	H23
.....	auuguacuucacagggucucugU	.....				45	1	H23
.....	auuguacuucacagggucucugA	.....				101	1	H23
.....	auuguacuucacagggucucugAu	.....				4	1	H23
.....	auuguacuucacagggucucuggC	.....				16	1	H23
.....	auuguacuucacagggucucugCu	.....				3	1	H23
.....	auuguacuucacagggucucuggu	.....				20	0	H23
.....	auuguacuucacagggucucuggA	.....				27	1	H23
.....	auuguacuucacagggucucugUu	.....				9	1	H23
.....	auuguacuucacagggucucugguC	.....				1	1	H23
.....	auuguacuucacagggucucugguA	.....				1	1	H23
.....	auuguacuucacagggucucugguU	.....				13	1	H23
.....	auuguacuucacagggucucugguAa	.....				1	1	H23
.....	auuguacuucacagggucucuggugauaa	uaguccaggc	gcuugu	.....		1	0	H23
.....	auuguacuucacagggucucuggugauaa	uaguccaggc	gcuugu	.....		9	0	H23
.....	uuguacuucacaggguc	.....				2	0	H23
.....	uuguacuucacaggguc	.....				1	0	H23
.....	guacuucacagggucuc	.....				1	0	H23
.....	uacuucacagggucucug	.....				1	0	H23
.....	uacuucacagggucucugA	.....				1	1	H23
.....	uacuucacagggucucugg	.....				1	0	H23
.....	aggcgcuuguaggaguac	.....				2	0	H23
.....	aggcgcuuguaggaguaca	.....				12	0	H23
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.....	aggcgcuuguaggaguacac	.....				2	0	H23
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.....	agAcgcguuguaggaguacacu	.....				1	1	H23
.....	aggcgcuuguaggaguacacuu	.....				124	0	H23
.....	aggcgcuuguaggaguacGcuu	.....				1	1	H23
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.....	aggcgcuuguaggaguacacuuU	.....				4	1	H23
.....	aggcgcuuguaggaguacacuuC	.....				1	1	H23
.....	aggcgcuuguaggaguacacuuuA	.....				17	1	H23
.....	aggcgcuuguaggaguacacuuac	.....				2	0	H23
.....	aggcgcuuguaggaguacacuuuA	.....				1	1	H23
.....	aggcgcuuguaggaguacacuuacU	.....				2	1	H23



## Mature

## Star

gacacgcagcagcaccgagggccgcgcacgcccauuguacuucaucaggugcucuggugauaauguuccaggcgccuuguuggaguacacuuaccgugugcggguuuucuu

.....ggcgc <u>cuuguuggaguaca</u> .....	1	0	H23
.....ggcgc <u>cuuguuggaguacac</u> .....	1	0	H23
.....ggcgc <u>cuuguuggaguacacu</u> .....	9	0	H23
.....ggcgc <u>cuuguuggaguacacuu</u> .....	51	0	H23
.....ggcgc <u>cuuguuggaguacacuu</u> .....	1	1	H23
.....ggcgc <u>cuuguuggaguacacuu</u> .....	45	0	H23
.....ggcgc <u>cuuguuggaguacacuu</u> .....	3	1	H23
.....ggcgc <u>cuuguuggaguacacuu</u> .....	2	1	H23
.....ggcgc <u>cuuguuggaguacacuu</u> .....	3	1	H23
.....cgc <u>cuuguuggaguacacuu</u> .....	1	0	H23
.....cgc <u>cuuguuggaguacacuu</u> .....	1	1	H23
.....gc <u>cuuguuggaguacacuu</u> .....	1	0	H23
.....gc <u>cuuguuggaguacacuu</u> .....	3	1	H23
..... <u>cauuguacuuc</u> <u>aucagguc</u> <u>ucucu</u> .....	1	1	B03
..... <u>auuguacuuc</u> <u>aucagguc</u> <u>uc</u> .....	1	1	B03
..... <u>auuguacuuc</u> <u>aucaggug</u> <u>U</u> .....	1	1	B03
..... <u>auuguacuuc</u> <u>aucaggugc</u> .....	162	0	B03
..... <u>auuguacu</u> <u>G</u> <u>caucaggugc</u> .....	1	1	B03
..... <u>auuguacuuc</u> <u>aucaggug</u> <u>G</u> .....	2	1	B03
..... <u>auuguacuuc</u> <u>auc</u> <u>U</u> <u>gugcu</u> .....	1	1	B03
..... <u>auuguacuuc</u> <u>aucaggugc</u> <u>C</u> .....	1	1	B03
..... <u>auuguac</u> <u>C</u> <u>caucaggugcu</u> .....	1	1	B03
..... <u>auuguacuuc</u> <u>aucaggugcu</u> .....	96	0	B03
..... <u>auuguacuuc</u> <u>aucaggug</u> <u>U</u> .....	1	1	B03
..... <u>auuguacuuc</u> <u>aucagguc</u> <u>U</u> <u>cu</u> .....	1	1	B03
..... <u>auuguacuuc</u> <u>aucaggugcu</u> <u>U</u> .....	2	1	B03
..... <u>auuguacuuc</u> <u>aucaggugcuc</u> .....	160	0	B03
..... <u>auuguacuuc</u> <u>aucaggG</u> <u>gcuc</u> .....	1	1	B03
..... <u>au</u> <u>A</u> <u>guacuuc</u> <u>aucaggugcuc</u> .....	1	1	B03
..... <u>auuguacuuc</u> <u>aucaggugcucu</u> .....	137	0	B03
..... <u>auuguacuuc</u> <u>aucaggug</u> <u>A</u> <u>cu</u> .....	1	1	B03
..... <u>auuguacuuc</u> <u>aucaggugcu</u> <u>A</u> .....	1	1	B03
..... <u>auuguac</u> <u>G</u> <u>caucaggugcucug</u> .....	1	1	B03
..... <u>auuguacuuc</u> <u>aucaggugcucug</u> .....	33	0	B03
..... <u>auuguacuuc</u> <u>aucaggugcu</u> <u>A</u> <u>gg</u> .....	1	1	B03
..... <u>auuguacuuc</u> <u>aucaggugcucug</u> <u>U</u> .....	25	1	B03
..... <u>auuguacuuc</u> <u>aucaggugcucugg</u> .....	119	0	B03
..... <u>auuguacuuc</u> <u>aucaggugcucug</u> <u>C</u> .....	2	1	B03
..... <u>auuguacuuc</u> <u>aucaggugcucug</u> <u>A</u> .....	66	1	B03
..... <u>auuguacuuc</u> <u>aucaggugcucuggu</u> .....	8	0	B03
..... <u>auuguacuuc</u> <u>aucaggugcucug</u> <u>A</u> .....	4	1	B03
..... <u>auuguacuuc</u> <u>aucaggugcucug</u> <u>U</u> .....	7	1	B03
..... <u>auuguacuuc</u> <u>aucaggugcucugg</u> <u>A</u> .....	15	1	B03
..... <u>auuguacuuc</u> <u>aucaggugcucug</u> <u>Cu</u> .....	2	1	B03
..... <u>auuguacuuc</u> <u>aucaggugcucugg</u> <u>C</u> .....	5	1	B03
..... <u>auuguacuuc</u> <u>aucaggugcucuggu</u> <u>U</u> .....	6	1	B03
..... <u>auuguacuuc</u> <u>aucaggugcucuggugau</u> <u>aauguuccaggcgc</u> <u>uugu</u> .....	3	0	B03
..... <u>auuguacuuc</u> <u>aucaggugcucuggugau</u> <u>aauguuccaggcgc</u> <u>uugu</u> .....	3	0	B03
..... <u>uuguacuuc</u> <u>aucaggugcucugg</u> .....	1	0	B03
..... <u>guacuuc</u> <u>aucaggugcucugg</u> <u>A</u> .....	1	1	B03
..... <u>uacuuc</u> <u>aucaggugcucu</u> .....	3	0	B03
..... <u>Aacuuc</u> <u>aucaggugcucu</u> .....	1	1	B03
..... <u>uacuuc</u> <u>aucaggugcucug</u> .....	1	0	B03
..... <u>uacuuc</u> <u>aucaggugcucug</u> <u>A</u> .....	1	1	B03
..... <u>uacuuc</u> <u>aucaggugcucug</u> <u>U</u> .....	1	1	B03
..... <u>uacuuc</u> <u>aucaggugcucugg</u> .....	5	0	B03
.....aggcgc <u>cuuguuggaguacac</u> .....	1	0	B03
.....agCgc <u>cuuguuggaguacacu</u> .....	1	1	B03
.....aggcgc <u>cuuguuggaguacacu</u> .....	4	0	B03
.....aggcgc <u>cuuguuggaguacacuu</u> .....	11	0	B03
.....aggcgc <u>cuuguuggaguacacuu</u> <u>U</u> .....	1	1	B03
.....aggcgc <u>cuuguuggaguacacuu</u> <u>A</u> .....	2	1	B03
.....aggcgc <u>cuuguuggaguacacuu</u> <u>A</u> .....	1	1	B03
.....ggcgc <u>cuuguuggaguacacuu</u> .....	4	0	B03
.....ggcgc <u>cuuguuggaguacacuu</u> .....	5	0	B03
.....ggcgc <u>cuuguuggaguacacuu</u> <u>U</u> .....	1	1	B03
..... <u>cauuguacuuc</u> <u>aucaggugc</u> .....	1	0	H72
..... <u>cauuguacuuc</u> <u>aucaggugcuc</u> .....	1	0	H72

## Mature

## Star

gacacgcagcagcaccgagggccgccgcacgcccauuguacuucacaggugcucuggugauaaauaguccaggcgcuuuguaggaguacacuuaccguguggcgguuuuuuuu			
.....auuguacuucacaggug.....	29	0	H72
.....auAguacuucacaggugc.....	1	1	H72
.....auuguacuucacaggugc.....	336	0	H72
.....auuguacuucacaggugA.....	1	1	H72
.....auugCacuucacaggugc.....	1	1	H72
.....auuguacuucacagAugc.....	1	1	H72
.....auugGacuucacaggugc.....	1	1	H72
.....auGguacuucacaggugc.....	1	1	H72
.....auuguacuucacaggugG.....	1	1	H72
.....auuguacuucacaggugU.....	6	1	H72
.....auuguacuucacaggugcu.....	40	0	H72
.....auugGacuucacaggugcu.....	1	1	H72
.....auuguacuucacaggugcuc.....	118	0	H72
.....auuguacuucacaggugcuU.....	4	1	H72
.....auuguaUuucacaggugcuc.....	1	1	H72
.....auuguacCucaucaggugcuc.....	1	1	H72
.....auuguacuucacaggugcucu.....	29	0	H72
.....auuguacuucacaggugcAcu.....	1	1	H72
.....auuguacuucacaggugGucu.....	1	1	H72
.....auuguacuucacaggugcucug.....	2	0	H72
.....auuguacuucacaggugcucugG.....	4	0	H72
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.....auuguacuucacaggugcucugU.....	2	1	H72
.....auuguacuucacaggugcucugUu.....	1	1	H72
.....auuguacuucacaggugcucugGA.....	14	1	H72
.....auuguacuucacaggugcucugAu.....	2	1	H72
.....auuguacuucacaggugcucugGC.....	1	1	H72
.....auuguacuucacaggugcucuggu.....	1	0	H72
.....Aacuucacaggugcucugg.....	1	1	H72
.....aggcgcuuuguaggaguaca.....	2	0	H72
.....aggcgcuuuguaggaguacac.....	1	0	H72
.....aggcgcuuuguaggaguacacu.....	7	0	H72
.....aggcgcuuuguaggaguacacuu.....	10	0	H72
.....aggcgcuuuguaggaguacacuuA.....	1	0	H72
.....aggcgcuuuguaggaguacacuuU.....	1	1	H72
.....aggcgcuuuguaggaguacacuuAA.....	1	1	H72
.....ggcgcuuuguaggaguacacuu.....	12	0	H72
.....ggcgcuuuguaggaguacacuuU.....	1	1	H72
.....ggcgcuuuguaggaguacacuuG.....	1	1	H72
.....ggcgcuuuguaggaguacacuuA.....	9	0	H72
.....ggcgcuuuguaggaguacacuuAU.....	2	1	H72
.....cuuguaggaguacacuuA.....	1	0	H72
.....cauuguacuucacaggug.....	1	0	H52
.....cauuguacuucacaggugc.....	1	0	H52
.....cauuguacuucacaggugcu.....	1	0	H52
.....cauuguacuGcaucaggugcu.....	1	1	H52
.....cauuguacuucacaggugcucu.....	1	0	H52
.....auuguacuucacaggug.....	85	0	H52
.....auuguacuGcaucaggug.....	6	1	H52
.....auuguacuucacaggugc.....	2658	0	H52
.....auCGuacuucacaggugc.....	4	1	H52
.....auuguaAuucacaggugc.....	1	1	H52
.....auuguacuucacaggugc.....	1	1	H52
.....auGguacuucacaggugc.....	2	1	H52
.....auuguacuucacaggCGc.....	3	1	H52
.....auuguacuucacUggugc.....	4	1	H52
.....auuguacuucacaggugA.....	1	1	H52
.....auAguacuucacaggugc.....	4	1	H52
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.....auuguacuucacaggugU.....	2	1	H52
.....Uuuguacuucacaggugc.....	6	1	H52
.....auuguUuucacaggugc.....	1	1	H52
.....auuguacCucaucaggugc.....	1	1	H52

## Mature

## Star

gacacgcagcagcaccgagggccgcgcacgcccauuguaacuucacagggugcucuggugauaaauaguuccaggcgcuuguuggaguuacacuuaccgugugggcgguuuucuu			
.....auugAacuucacaggguc.....	1	1	H52
.....auuguacuucacagggugG.....	6	1	H52
.....auuguacuucacacGugc.....	4	1	H52
.....auuguacuucacagCugc.....	1	1	H52
.....auuCuacuucacagggugcu.....	1	1	H52
.....auuguacuucacagggugAu.....	1	1	H52
.....auuguacuuaAacagggugcu.....	1	1	H52
.....auugGacuucacagggugcu.....	1	1	H52
.....auuguacuucacagggugGu.....	1	1	H52
.....auuguacuucacagggugcA.....	2	1	H52
.....auuguacuucacUggugcu.....	1	1	H52
.....auuguaUuucacagggugcu.....	1	1	H52
.....auuguacuucauUagggugcu.....	1	1	H52
.....auuguacuucacagggugcu.....	737	0	H52
.....Guuguacuucacagggugcu.....	1	1	H52
.....auugCacuucacagggugcu.....	1	1	H52
.....auGguacuucacagggugcu.....	1	1	H52
.....auuguacuucacagUugcu.....	1	1	H52
.....auCguacuucacagggugcu.....	1	1	H52
.....auuguacuucacagGcgcu.....	1	1	H52
.....auuguacuucacagGAgcu.....	1	1	H52
.....auuguacuGcaucagggugcu.....	158	1	H52
.....auuguacuucacagggugcG.....	1	1	H52
.....auuguacuucacagggugcuc.....	238	0	H52
.....auuguacuucacagggugcuG.....	1	1	H52
.....auuguacuucacagggugcuA.....	3	1	H52
.....auuguacuucacagggugcuU.....	34	1	H52
.....auuguacuucacagUugcuc.....	1	1	H52
.....auuguacuGcaucagggugcuc.....	54	1	H52
.....auuguacuucacagGAgcucu.....	1	1	H52
.....auuguacuucacagggugcucu.....	36	0	H52
.....auuguacuucacagggugcucug.....	28	0	H52
.....auuguacuucacagggugcucuU.....	1	1	H52
.....auuguacuucacagggugcucugA.....	25	1	H52
.....auuguacuucacagggugcucugU.....	24	1	H52
.....auuguacuucacagggugcucugg.....	121	0	H52
.....auuguacuucacagGgucucugg.....	1	1	H52
.....auuguacuucacagggugcucugAu.....	1	1	H52
.....auuguacuucacagggugcucuggu.....	28	0	H52
.....auuguacuucacagggugcucuggA.....	15	1	H52
.....auuguacuucacagggugcucugCu.....	1	1	H52
.....auuguacuucacagggugcucuggC.....	8	1	H52
.....auuguacuucacagggugcucugUu.....	7	1	H52
.....auuguacuucacagggugcucugguU.....	12	1	H52
.....auuguacuucacagggugcucugguA.....	4	1	H52
.....auuguacuucacagggugcucugguUau.....	1	1	H52
.....auuguacuucacagggugcucuggugauaaauaguuccaggcgcuuguu.....	2	0	H52
.....auuguacuucacagggugcucuggugauaaauaguuccaggcgcuuguuU.....	2	1	H52
.....uuguacuucacagggugcucu.....	2	0	H52
.....uuguacuucacagggugcucugA.....	1	1	H52
.....uuguacuucacagggugcucuggA.....	1	1	H52
.....uacuucacagggugcucu.....	1	0	H52
.....uacuucacagggugcucug.....	1	0	H52
.....Aacuucacagggugcucug.....	1	1	H52
.....uacuucacagggugcucugg.....	4	0	H52
.....uacuucacagggugcucuggu.....	1	0	H52
.....aggcgcuuguuggaguuac.....	2	0	H52
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.....aggcgcuuguuggaguuacU.....	1	1	H52
.....aggcgcuuguuggaguuacac.....	4	0	H52
.....aggcgcuuguuggaguuacacu.....	18	0	H52
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.....agCcgcuuguuggaguuacacuu.....	1	1	H52
.....aggcgcuuguuggaguuacacuuU.....	7	1	H52
.....aggcgcuuguuggaguuacacuuu.....	17	0	H52
.....aggcgcuuguuggaguuacacuuuA.....	6	1	H52
.....aggcgcuuguuggaguuacacuuuU.....	12	1	H52
.....aggcgcuuguuggaguuacacuuac.....	3	0	H52
.....aggcgcuuguuggaguuacacuuacU.....	1	1	H52

## Mature

## Star

gacacgcagcagcaccgagggccgccgcacgcccauuguacuuccaucaggugcucugggauaaauguuccaggcgcuuuguaggaguacacuuaccguguuggcgguuuuuuuu

.....ggcgcuuuguaggaguacac.....	1	0	H52
.....ggcgcuuuguaggaguacacu.....	6	0	H52
.....ggcgcuuuguaggaguacacuu.....	26	0	H52
.....ggcgcuuuguaggaguacacuuG.....	1	1	H52
.....ggcgcuuuguaggaguacacuuA.....	17	0	H52
.....ggcgcuuuguaggaguacacuuU.....	1	1	H52
.....ggcgcuuuguaggaguacacuuA.....	4	1	H52
.....cauuguacuuc <u>caucaggug</u> .....	1	0	H32
.....cauuguacuuc <u>caucaggugc</u> .....	9	0	H32
.....cauuguacuuc <u>caucaggugcu</u> .....	1	0	H32
.....cauuguacuuc <u>caucaggugcuc</u> .....	2	0	H32
.....cauuguacuuc <u>caucaggugcucg</u> .....	1	0	H32
.....auCguacuuc <u>caucaggug</u> .....	2	1	H32
.....auuguacuuc <u>caucaggguU</u> .....	1	1	H32
.....auugGacuuc <u>caucaggug</u> .....	1	1	H32
.....auuguacuuc <u>caucGggug</u> .....	1	1	H32
.....auuguacuuc <u>caucaggug</u> .....	179	0	H32
.....auuguacuuc <u>caucagCug</u> .....	1	1	H32
.....auugGacuuc <u>caucaggugc</u> .....	5	1	H32
.....auuguacuuc <u>cauAaggugc</u> .....	1	1	H32
.....auuguacuuc <u>caucaggugc</u> .....	2038	0	H32
.....auAguacuuc <u>caucaggugc</u> .....	3	1	H32
.....auuguacuuc <u>caucaggugG</u> .....	15	1	H32
.....auuguacCu <u>caucaggugc</u> .....	1	1	H32
.....auuguacuuc <u>caucGggugc</u> .....	1	1	H32
.....auugCacuuc <u>caucaggugc</u> .....	2	1	H32
.....auuguacuuc <u>caucaggguCc</u> .....	1	1	H32
.....auuguacuuc <u>caucaggugU</u> .....	8	1	H32
.....auGguacuuc <u>caucaggugc</u> .....	2	1	H32
.....aCuguacuuc <u>caucaggugc</u> .....	1	1	H32
.....auuguacuuc <u>caucagAugc</u> .....	1	1	H32
.....auuguacuuc <u>caucaggAgc</u> .....	1	1	H32
.....auuguacuucCu <u>caucaggugc</u> .....	1	1	H32
.....auuguacuuc <u>caucagCugc</u> .....	1	1	H32
.....auuguacuuc <u>caucaggGgc</u> .....	3	1	H32
.....auuguacuuc <u>caucaggugA</u> .....	4	1	H32
.....auuguacuuc <u>caucaggGgcu</u> .....	1	1	H32
.....auuguacuuc <u>cauAaggugc</u> .....	1	1	H32
.....auAguacuuc <u>caucaggugcu</u> .....	1	1	H32
.....auuguacuuc <u>caucaggugcu</u> .....	483	0	H32
.....auuguacuuc <u>caucaggAgcu</u> .....	1	1	H32
.....auuguacuuc <u>caucaggugAu</u> .....	1	1	H32
.....auuguacuuc <u>caucaggugcG</u> .....	1	1	H32
.....auuguacuuc <u>cauUgugcu</u> .....	1	1	H32
.....auugAacuuc <u>caucaggugcu</u> .....	1	1	H32
.....auCguacuuc <u>caucaggugcu</u> .....	1	1	H32
.....auuguacuuc <u>caucaggugUu</u> .....	1	1	H32
.....auGguacuuc <u>caucaggugcuc</u> .....	1	1	H32
.....auuguacuuc <u>caucaggugcuA</u> .....	1	1	H32
.....Uuuguacuuc <u>caucaggugcuc</u> .....	1	1	H32
.....auuguacAu <u>caucaggugcuc</u> .....	1	1	H32
.....auuguacuuc <u>cauAagugcuc</u> .....	1	1	H32
.....auuguacuuc <u>caucaggGgcuc</u> .....	1	1	H32
.....auugCacuuc <u>caucaggugcuc</u> .....	1	1	H32
.....auugGacuuc <u>caucaggugcuc</u> .....	1	1	H32
.....auuguacuuc <u>caucaggugcuc</u> .....	347	0	H32
.....auuguacuuc <u>caucaggugcuU</u> .....	19	1	H32
.....auuguacuuc <u>caucaggugcucu</u> .....	46	0	H32
.....auuguacuuc <u>caucaggugcucG</u> .....	1	1	H32
.....auuguacuuc <u>caucaggugcuUu</u> .....	1	1	H32
.....auuguacuuc <u>caucaggugcucug</u> .....	18	0	H32
.....aCuguacuuc <u>caucaggugcucug</u> .....	1	1	H32
.....auuguacuuc <u>caucaggugcucugU</u> .....	30	1	H32
.....auuguacuuc <u>caucaggugAugg</u> .....	2	1	H32
.....auuguacuuc <u>caucaggugcucugA</u> .....	58	1	H32
.....auuguacuuc <u>caucaggCgcucugg</u> .....	1	1	H32
.....auuguacuuc <u>caucaggugUucugg</u> .....	1	1	H32
.....auuguacuuc <u>caucaggugcucugg</u> .....	51	0	H32
.....auuguacuuc <u>caucaggugcuGuggu</u> .....	1	1	H32

## Mature

## Star

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.....	auuguacuucacagggugcucuggA.....		16	1	H32
.....	auuguacuucacagggugcucuggC.....		1	1	H32
.....	auuguacuucacagggugcucuggU.....		11	0	H32
.....	auuguacuucacagggugcucuggUu.....		7	1	H32
.....	auuguacuucacagggugcucuggAu.....		3	1	H32
.....	auuguacuucacagggugcucugguC.....		1	1	H32
.....	auuguacuucacagggugcucugguU.....		5	1	H32
.....	auuguacuucacagggugcucugguUau.....		1	1	H32
.....	auuguacuucacagggugcucuggugauaauguuccaggcgcuguu.....		3	0	H32
.....	auuguacuucacagggugcucuggugauaauguuccaggcgcuguu.....		4	0	H32
.....	auuguacuucacagggugcucuggugauaauguuccaggcgcuguuU.....		2	1	H32
.....	uuuguacuucacagggugcucugg.....		1	0	H32
.....	uacuucacagggugcucu.....		1	0	H32
.....	uacuucacagggugcGcu.....		1	1	H32
.....	uacuucacagggugcucug.....		1	0	H32
.....	uacuucacagggugcucugg.....		2	0	H32
.....	uacuucacagggugcucugA.....		1	1	H32
.....	uacuucacagggugcucugU.....		1	1	H32
.....	uacuucacagggugcucuggA.....		1	1	H32
.....	.....aggcgcuuuguaggaguac.....		2	0	H32
.....	.....aggcgcuuuguaggaguaca.....		16	0	H32
.....	.....aggcgcuuuguaggaguacac.....		1	0	H32
.....	.....aggcgcuuuguaggaguacacu.....		24	0	H32
.....	.....aggcgcuuCuuggaguacacuu.....		1	1	H32
.....	.....aggcgcuuuguaggaguacacuu.....		80	0	H32
.....	.....aggcgcuuuguaggaguacacuuC.....		2	1	H32
.....	.....aggcgcuuuguaggaguacacuuA.....		22	0	H32
.....	.....aggcgcuuuguaggaguacacuuU.....		4	1	H32
.....	.....agUcgcuuuguaggaguacacuuA.....		1	1	H32
.....	.....aggcgcuuuguaggaguacacuuAA.....		3	1	H32
.....	.....aggcgcuuuguaggaguacacuuac.....		2	0	H32
.....	.....aggcgcuuuguaggaguacacuuAU.....		7	1	H32
.....	.....aggcgcuuuguaggaguacacuuAU.....		1	1	H32
.....	.....ggcgcuuuguaggaguaca.....		1	0	H32
.....	.....ggcgcuuuguaggaguacacu.....		5	0	H32
.....	.....ggcgcuuuguaggaguacacuu.....		33	0	H32
.....	.....ggcgcuuuguaggaguacacuuA.....		15	0	H32
.....	.....ggcgcuuuguaggaguacacuuU.....		2	1	H32
.....	.....ggcgcuuuguaggaguacacuuAU.....		3	1	H32
.....	.....ggcgcuuuguaggaguacacuuac.....		1	0	H32
.....	.....ggcgcuuuguaggaguacacuuAA.....		1	1	H32
.....	.....cauuguacuucacagggugc.....		5	0	H51
.....	.....cauuguacuucacagggugcu.....		3	0	H51
.....	.....cauuguacuucacagggugcuc.....		1	0	H51
.....	.....cauuguacuucacagggugcucugg.....		1	0	H51
.....	.....auuguacuucacauUgug.....		1	1	H51
.....	.....auuguacuucacauAgug.....		1	1	H51
.....	.....auuguacuucacagggug.....		128	0	H51
.....	.....auuguacuucacagggug.....		1	1	H51
.....	.....auAguaacuucacagggug.....		1	1	H51
.....	.....auuguacuucacagguU.....		1	1	H51
.....	.....auuguacCucaucagggugc.....		2	1	H51
.....	.....auuguacuucacGggugc.....		1	1	H51
.....	.....auuguacuucacagAugc.....		1	1	H51
.....	.....auuguacuucacagggugU.....		9	1	H51
.....	.....auuguacuucacagggGgc.....		2	1	H51
.....	.....auuguacuucacagggugc.....		1	1	H51
.....	.....auuUacuucacacagggugc.....		1	1	H51
.....	.....auuguacuucacacagggugc.....		1	1	H51
.....	.....auuguacuucacacagggugA.....		11	1	H51
.....	.....auuguacuucacauUaggugc.....		1	1	H51
.....	.....auuguacuucacacagggugG.....		17	1	H51
.....	.....auuguacuucacauAgugc.....		1	1	H51
.....	.....auuguacuucacagUugc.....		5	1	H51
.....	.....auugCacuucacacagggugc.....		8	1	H51
.....	.....auuguacuucacacagguCc.....		1	1	H51
.....	.....auGguacuucacacagggugc.....		3	1	H51
.....	.....auuguacuucacacagCugc.....		1	1	H51
.....	.....auuguacuucacacagggugc.....		3722	0	H51

## Mature

## Star

gacacgcagcagcaccgagggccgcgcacgcccauuguaacuucacagggugcucuggugauaaauaguccaggcgcuuguuggagucacuuaccgugugcgguuuucuu			
.....auuguaacuucacacGugc.....	1	1	H51
.....auuguaacAucacagggugc.....	2	1	H51
.....auuguaacuucacaggaGgc.....	6	1	H51
.....Uuuguaacuucacagggugc.....	1	1	H51
.....Guuguaacuucacagggugc.....	1	1	H51
.....auuguaacuucacaggaGgc.....	3	1	H51
.....auugAacuucacacagggugc.....	2	1	H51
.....auuguaacuucacagguUc.....	2	1	H51
.....auCguacuucacacagggugc.....	2	1	H51
.....auuguaacuucacacUgugc.....	3	1	H51
.....auAguacuucacacagggugc.....	7	1	H51
.....auuguaacuucacAagggugc.....	1	1	H51
.....auuguUcuucacacagggugc.....	1	1	H51
.....auuguaacuucacUagggugc.....	1	1	H51
.....auuguaacAucacagggugc.....	1	1	H51
.....auuguaacuucacaggaGgc.....	3	1	H51
.....auuguaacuucacagggugUu.....	1	1	H51
.....auuguUcuucacacagggugc.....	1	1	H51
.....auuguaacuucacagggugc.....	957	0	H51
.....auuguaacuucacacagggugcG.....	2	1	H51
.....auuguaacuucacacAagugc.....	1	1	H51
.....auuguaacuucacacUgugc.....	1	1	H51
.....auuguaacuucGucagggugc.....	1	1	H51
.....auuguaacuUaucagggugc.....	2	1	H51
.....auuguaacuucacacaggaAu.....	3	1	H51
.....auugGacuucacacagggugc.....	1	1	H51
.....auuCacuucacacagggugc.....	1	1	H51
.....auAguacuucacacagggugc.....	3	1	H51
.....auuguGcuucacacagggugc.....	1	1	H51
.....auuguaacuucacacaggaGuc.....	1	1	H51
.....auuguaacuucacagguUcuc.....	1	1	H51
.....auuguaacuucacacagggugcU.....	43	1	H51
.....auuguaacuucacacagggugc.....	336	0	H51
.....auuguaacuucacacagggugcA.....	3	1	H51
.....auugCacuucacacagggugc.....	1	1	H51
.....auuguaacGuacacagggugc.....	1	1	H51
.....auuguaacuucacacaggaUuc.....	1	1	H51
.....auuguaacuucacacaggaAu.....	1	1	H51
.....auugGacuucacacagggugc.....	1	1	H51
.....auuguaacuucacacagggugcUu.....	5	1	H51
.....auuguaacuucacacagggugcuc.....	79	0	H51
.....auAguacuucacacagggugcuc.....	1	1	H51
.....auuguaacuucacacUgugcuc.....	1	1	H51
.....auugCacuucacacagggugcucg.....	1	1	H51
.....auuguaacuucacacagggugcucg.....	29	0	H51
.....auuguaacuucacacagggugcucgU.....	31	1	H51
.....auuguaacuucacagguUcucugg.....	1	1	H51
.....auuguaacuucacacagggugcucgA.....	21	1	H51
.....auuguaacAucacagggugcucugg.....	1	1	H51
.....auugAacuucacacagggugcucugg.....	1	1	H51
.....Guuguaacuucacacagggugcucugg.....	1	1	H51
.....auuguaacuucacacagggugcucugg.....	213	0	H51
.....auuguaacuucacacagggugcucAg.....	1	1	H51
.....auuguaacuucacacagggugcuggg.....	1	1	H51
.....auuguaacuucacacagggugcucuggA.....	13	1	H51
.....auuguaacuucacacagggugcucuggC.....	3	1	H51
.....auuguaacuucacacagggugcucugU.....	9	1	H51
.....auuguaacuucacacagggugcucuggu.....	43	0	H51
.....auugAacuucacacagggugcucuggu.....	1	1	H51
.....auuguaacuucacacagggugcucugAu.....	2	1	H51
.....auuguaacuucacacagggugcucugCu.....	1	1	H51
.....auuguaacuucacacagggugcucugguA.....	5	1	H51
.....auuguaacuucacacagggugcucugguU.....	17	1	H51
.....auuguaacuucacacagggugcucugguUa.....	1	1	H51
.....auuguaacuucacacagggugcucuggugauaaauaguccaggcgcuugu.....	1	0	H51
.....auuguaacuucacacagggugcucuggugauaaauaguccaggcgcuugu.....	3	0	H51
.....uuguaacuucacacagggugc.....	1	0	H51
.....Auguaacuucacacagggugc.....	1	1	H51
.....uuguaacuucacacagggugcucugU.....	1	1	H51
.....uuguaacuucUcagggugcucugg.....	1	1	H51

Star

[illegible]

## Mature

## Star

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.....auuguacuucacucaggugcucugCu.....	2	1	A22		
.....auuguacuucacucaggugcucuggA.....	2	1	A22		
.....auuguacuucacucaggugcucugguU.....	14	1	A22		
.....auuguacuucacucaggugcucugguUau.....	1	1	A22		
.....auuguacuucacucaggugcucuggugauaauguuccaggcgcug.....	1	0	A22		
.....auuguacuucacucaggugcucuggugauaauguuccaggcgcuggu.....	6	0	A22		
.....auuguacuucacucaggugcucuggugauaauguuccaggcgcuguu.....	11	0	A22		
.....uuguacuucacucaggugcucugg.....	1	0	A22		
.....uacuucacucaggugcucu.....	3	0	A22		
.....uacuucacucaggugcucug.....	2	0	A22		
.....uacuucacucaggugcGcugg.....	1	1	A22		
.....uacuucacucaggugcucugg.....	1	0	A22		
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.....aggcgcuuuguuggaguacac.....	1	0	A22		
.....aggcgcuuuguuggaguacacu.....	6	0	A22		
.....aggcgcuuuguuggaguacacuu.....	26	0	A22		
.....aggcgcuuuguuggaguacacuuU.....	1	1	A22		
.....aggcgcuuuguuggaguacacuuA.....	7	0	A22		
.....aggcgcuuuguuggaguacacuuac.....	1	0	A22		
.....aggcgcuuuguuggaguacacuuAU.....	2	1	A22		
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.....ggcgcuuuguuggaguacac.....	1	0	A22		
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.....cauuguacuucacucaggugc.....	5	0	H24		
.....cauuguacuucacucaggugcu.....	1	0	H24		
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.....auugGacuucacucaggug.....	1	1	H24		
.....auuguacuucacucaggug.....	193	0	H24		
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.....auugCacuucacucaggug.....	1	1	H24		
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.....auuguacuucacucaggAgc.....	4	1	H24		
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.....auuguacuucacucagCugc.....	1	1	H24		
.....auGguacuucacucaggugc.....	6	1	H24		
.....auAguacuucacucaggugc.....	8	1	H24		
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.....auugGacuucacucaggugc.....	3	1	H24		
.....auuguacuucacucagCugc.....	1	1	H24		
.....auuguacuucacucagAugc.....	1	1	H24		
.....auuguaAuucacucaggugc.....	2	1	H24		
.....auuguacuucacucaggugG.....	9	1	H24		
.....auuguacuucacucaggugc.....	1	1	H24		
.....auuguacuucacucaggugc.....	3091	0	H24		
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.....auuguacuCuucacucaggugc.....	1	1	H24		
.....aAuguacuucacucaggugc.....	1	1	H24		
.....auuguacuucacucaggGgc.....	1	1	H24		
.....auugAAcuucacucaggugc.....	3	1	H24		
.....auuguGcuucacucaggugc.....	1	1	H24		
.....auuCuacuucacucaggugc.....	1	1	H24		
.....auCGuacuucacucaggugc.....	2	1	H24		
.....auuguacCuucacucaggugc.....	1	1	H24		
.....auuguacuucacucaggCgc.....	3	1	H24		
.....auuguacuucacucaggugA.....	3	1	H24		
.....auuguaUuucacucaggugc.....	2	1	H24		
.....auuguacuucacuaUgugc.....	1	1	H24		
.....auugCacuucacucaggugc.....	4	1	H24		
.....auuguacuucacucaggugAu.....	1	1	H24		
.....auuguacuCuucacucaggugcu.....	1	1	H24		



## Mature

## Star

gacacgcagcagcaccgagggccgcgcacgccc	auuguacuuc	caucaggugcu	cuggugau	aauguuccaggc	gcuuguaggaguacacuu	accguguugcgguuuucuu			
.....	auuguacuuc	caucUggugcu	.....				2	1	H24
.....	auGguacuuc	caucaggugcu	.....				1	1	H24
.....	auuguCcuuc	caucaggugcu	.....				1	1	H24
.....	auuguacuuc	caucaggCgcu	.....				2	1	H24
.....	auAguacuuc	caucaggugcu	.....				1	1	H24
.....	auuguacuuc	cauGaggugcu	.....				1	1	H24
.....	auuguacuuc	caucaggugcu	.....				495	0	H24
.....	auuguacuuc	caucaUgugcu	.....				1	1	H24
.....	auugCacuuc	caucaggugcu	.....				1	1	H24
.....	auuguacuuc	caucaggugcuU	.....				18	1	H24
.....	auuUuacuuc	caucaggugcuc	.....				1	1	H24
.....	auGguacuuc	caucaggugcuc	.....				1	1	H24
.....	auAguacuuc	caucaggugcuc	.....				2	1	H24
.....	auuguacA	ucaucaggugcuc	.....				1	1	H24
.....	auugAacuuc	caucaggugcuc	.....				1	1	H24
.....	auuguacuuc	caucGggugcuc	.....				1	1	H24
.....	auuguacuuc	caucaggugcuc	.....				579	0	H24
.....	auuguacuuc	caucaggugGuc	.....				1	1	H24
.....	auuguacuuc	caucaggugcCc	.....				1	1	H24
.....	auuguacuuc	caucaggugcucu	.....				74	0	H24
.....	auuguacuuc	cauAaggugcucu	.....				1	1	H24
.....	auuguacuuc	caucaggugcuUu	.....				1	1	H24
.....	auuguacuuc	caucagguUcucu	.....				1	1	H24
.....	auuguacuuc	Cucaggugcucug	.....				1	1	H24
.....	auuguacuuc	caucaggugcucug	.....				15	0	H24
.....	auuguacuuc	caucaggugcucugC	.....				1	1	H24
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.....	auuguacuuc	caucaggugcucugg	.....				47	0	H24
.....	auuguacuuc	caucaggugcucugA	.....				173	1	H24
.....	auuguacuuc	caucaggugcucuggu	.....				12	0	H24
.....	auuguacuuc	caucaggugcuAuggu	.....				1	1	H24
.....	auuguacuuc	caucaggugcucuggA	.....				25	1	H24
.....	auuguacuuc	caucaggugcucugAu	.....				15	1	H24
.....	auuguacuuc	caucaggugcucugUu	.....				13	1	H24
.....	auuguacuuc	caucaggugcucuggC	.....				21	1	H24
.....	auuguacuuc	caucaggugcucugCu	.....				2	1	H24
.....	auuguacuuc	caucaggugcucugguU	.....				4	1	H24
.....	auuguacuuc	caucaggugcucugguA	.....				1	1	H24
.....	auuguacuuc	caucaggugcucugggugau	aauguuccaggcgcuugu	.....			4	0	H24
.....	auuguacuuc	caucaggugcucugggugau	aauguuccaCgcgcuuugu	.....			1	1	H24
.....	auuguacuuc	caucaggugcucugggugau	aauguuccaggcgcuugu	.....			6	0	H24
.....	auuguacuuc	caucaggugcucugggugau	aauguuccaggcgcuuguU	.....			1	1	H24
.....	uuguacuuc	caucaggugc	.....				1	0	H24
.....	uuguacuuc	caucaggugcu	.....				1	0	H24
.....	uacuuc	caucaggugcucu	.....				2	0	H24
.....	uacuuc	caucaggugcucug	.....				1	0	H24
.....	uacuuc	caucaggugcucugA	.....				1	1	H24
.....	uacuuc	caucaggugcucugU	.....				3	1	H24
.....	aggcgcuugu	ggagguac	.....				7	0	H24
.....	aggcgcuugu	ggagguaca	.....				22	0	H24
.....	aggcgcuugu	ggagguacU	.....				1	1	H24
.....	aggcgcuugu	ggagguacac	.....				8	0	H24
.....	aggcgcuugu	ggagguacacu	.....				30	0	H24
.....	Uggcgcuugu	ggagguacacuu	.....				1	1	H24
.....	aggcgcuugu	ggagguacacuu	.....				96	0	H24
.....	aggcgcuugu	ggagguacacuC	.....				1	1	H24
.....	aggcgcuugu	ggagguacacuU	.....				10	1	H24
.....	aggcgcuugu	ggagguacacuu	.....				22	0	H24
.....	aggcgcuugu	ggagguacacuuG	.....				1	1	H24
.....	aggcgcuugu	ggagguacacuuA	.....				3	1	H24
.....	aggcgcuugu	ggagguacacuuU	.....				22	1	H24
.....	aggcgcuugu	ggagguacacuuU	.....				1	1	H24
.....	ggcgcuugu	ggagguacacu	.....				9	0	H24
.....	ggcgcuugu	ggagguacaGu	.....				1	1	H24
.....	ggcgcuugu	ggagCacacuu	.....				1	1	H24
.....	ggcgcuugu	ggagguacacuu	.....				41	0	H24
.....	ggcgAuugu	ggagguacacuu	.....				1	1	H24
.....	ggcgcuugu	ggagguacacuuU	.....				9	1	H24
.....	ggcgcuugu	ggagguacacuu	.....				50	0	H24
.....	ggcgcuugu	ggUguacacuu	.....				1	1	H24

## Mature

## Star

gacacgcagcagcaccgagggccgcgcacgccc	auuguacuuc	aucaggugcu	cuggugau	aaaguuccaggc	gcuuguaggaguacacuu	accgugugcgguuuuuuu			
.....	ggcgcguuguaggaguacacuu	A.....					2	1	H24
.....	ggcgcguuguaggaguacacuu	U.....					8	1	H24
.....	.....	Acuuguaggaguacacuu	A.....				1	1	H24
.....	.....	gcuuguaggaguacacuu	A.....				2	0	H24
.....	.....	gcuuguaggaguacacuu	U.....				1	1	H24
.....	cauuguacuuc	aucaggugc.....					1	0	A31
.....	cauuguacuuc	aucaggugcuc.....					1	0	A31
.....	cauuguacuuc	aucaggugcucugg.....					1	0	A31
.....	auuguacuuc	aucaggug.....					2	0	A31
.....	auuguacuuc	aucaggAgc.....					1	1	A31
.....	auuguacuuc	aucaggugc.....					293	0	A31
.....	aCuguacuuc	aucaggugc.....					1	1	A31
.....	auuguacuuc	aucaggCgc.....					1	1	A31
.....	auuguacuuc	aucaggCgcU.....					1	1	A31
.....	auuguacuuc	aucaggugcu.....					139	0	A31
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.....	auuguacuuc	aucaggugcuc.....					103	0	A31
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.....	auAguacuuc	aucaggugcucu.....					1	1	A31
.....	auuguacuuc	aucaggCgcucu.....					1	1	A31
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.....	auuguacuuc	aucaggugcucugU.....					12	1	A31
.....	auuguacuuc	aucagUugcucugg.....					1	1	A31
.....	auuguacuuc	aucaggugcucugUu.....					6	1	A31
.....	auuguacuuc	aucaggugcucCggg.....					1	1	A31
.....	auuguacuuc	aucaggugcucuggA.....					8	1	A31
.....	auCguacuuc	aucaggugcucuggu.....					1	1	A31
.....	auuguacuuc	aucaggugcucuggu.....					14	0	A31
.....	auuguacuuc	aucaggugcucuggC.....					4	1	A31
.....	auuguacuuc	aucaggugcucugAu.....					2	1	A31
.....	auuguacuuc	aucaggugcucuggCg.....					1	1	A31
.....	auuguacuuc	aucaggugcucugguU.....					5	1	A31
.....	auuguacuuc	aucaggugcucuggugau	aaaguuccaggcgcugu.....				1	0	A31
.....	auuguacuuc	aucaggugcucuggugau	aaaguuccaggcgcuguu.....				3	0	A31
.....	auuguacuuc	aucaggugcucuggugau	aaaguuccaggcgcuguuU.....				1	1	A31
.....	uacuuc	aucaggugcucu.....					1	0	A31
.....	.....	Aacuuc	aucaggugcucu.....				1	1	A31
.....	.....	uacuuc	aucaggugcucug.....				1	0	A31
.....	.....	uacuuc	aucaggugcucuUg.....				1	1	A31
.....	.....	uacuuc	aucaggugcucugg.....				4	0	A31
.....	.....	aggcgcguuguaggaguac.....					1	0	A31
.....	.....	aggcgcguuguaggaguaca.....					1	0	A31
.....	.....	aggcgcguuguaggaguacacu.....					2	0	A31
.....	.....	aggcgcguuguaggaguacacuu.....					21	0	A31
.....	.....	aggcgcguuguaggaguacacuuA.....					7	0	A31
.....	.....	aggcgcguuguaggaguacacuuU.....					1	1	A31
.....	.....	aggcgcguuguaggaguacacuuU.....					3	1	A31
.....	.....	ggcgcguuguaggaguacacu.....					2	0	A31
.....	.....	ggcgcguuguaggaguacacuu.....					7	0	A31
.....	.....	ggcgcguuguaggaguacacuuA.....					8	0	A31
.....	.....	ggcgcguuguaggaguacacuuU.....					3	1	A31
.....	cauuguacuuc	aucaggugcu.....					2	0	R71
.....	cauuguacuuc	aucaggugcucugg.....					1	0	R71
.....	auuguacuuc	aucaggug.....					1	0	R71
.....	auuguacuuc	auAaggugc.....					1	1	R71
.....	auuguacuuc	aucaggugc.....					119	0	R71
.....	auuguacuuc	aucaggGgc.....					1	1	R71
.....	auAguacuuc	aucaggugcu.....					1	1	R71
.....	Uuuguacuuc	aucaggugcu.....					1	1	R71

## Mature

## Star

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.....auGguacuucacagggugcu.....	1	1	R71
.....auuguacuucacagggAgcuc.....	1	1	R71
.....auuguacuucacagggugcuU.....	1	1	R71
.....auuguacuucacagggCgcuc.....	1	1	R71
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.....auuguacuucacagggugcucu.....	61	0	R71
.....auGguacuucacagggugcucu.....	1	1	R71
.....auuguacuucacagggugcucug.....	6	0	R71
.....auuguacuucacagggugcucugU.....	4	1	R71
.....aAuguacuucacagggugcucugg.....	1	1	R71
.....auuguacuucacagggugcucugg.....	27	0	R71
.....auuguacuucacagggugcuAugg.....	1	1	R71
.....auuguacuucacagggugcucuggC.....	1	1	R71
.....auuguacuucacagggugcucugUu.....	3	1	R71
.....auuguacuucacagggugcucuggA.....	8	1	R71
.....auuguacuucacagggugcucuggu.....	2	0	R71
.....auuguacuucacagggugcucugguU.....	1	1	R71
.....auuguacuucacagggugcucugguA.....	1	1	R71
.....uacuucacauUgugcucugg.....	1	1	R71
.....aggcgcuuuguaggaguac.....	1	0	R71
.....aggcgcuuuguaggaguacac.....	1	0	R71
.....aggcgcuuuguaggaguacacu.....	3	0	R71
.....aggcgcuuuguaggaguacacuu.....	11	0	R71
.....aggcgcuuuguaggaguacacuuU.....	1	1	R71
.....aggcgcuuuguaggaguCcacuua.....	1	1	R71
.....aggcgcuuuguaggaguacacuuU.....	2	1	R71
.....aggcgcuuuguaggaguacacuuac.....	1	0	R71
.....ggcgcuuuguaggaguacacuu.....	2	0	R71
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.....ggcgcuuuguaggaguacacuuU.....	1	1	R71
.....gcuuguaggaguacacAua.....	1	1	R71
.....auuguacuucacagggug.....	5	0	A42
.....auuguacuucacagggGg.....	1	1	A42
.....auuguacuucacagggugU.....	1	1	A42
.....Guuguacuucacagggugc.....	1	1	A42
.....auuguacuucacagggGgc.....	1	1	A42
.....auuguacuucacagggugc.....	393	0	A42
.....auuguacuucacagguUcu.....	2	1	A42
.....auuguacuucAuAgggugcu.....	1	1	A42
.....auuguacuucacagggugcG.....	1	1	A42
.....auuguacuucacagggCgcu.....	2	1	A42
.....auuguacuucacagggugcu.....	150	0	A42
.....auuguacuucacagggugcuc.....	111	0	A42
.....auuguacuucacagggugcGc.....	1	1	A42
.....auugAacuucacagggugcuc.....	1	1	A42
.....auuguacuucacagggugcuU.....	5	1	A42
.....auuguacuucacagggugcuUu.....	1	1	A42
.....auuguacuucUcagggugcucu.....	1	1	A42
.....auuguacuucacagggugcucu.....	68	0	A42
.....auGguacuucacagggugcucug.....	1	1	A42
.....auuguacuucacagggugcucug.....	29	0	A42
.....auuguacuucUucagggugcucug.....	1	1	A42
.....auuguacuucacagggAgcucug.....	1	1	A42
.....auuguacuucacagggugcuAugg.....	2	1	A42
.....Guuguacuucacagggugcucugg.....	1	1	A42
.....auuguacuucacagggugcucugA.....	2	1	A42
.....auuguacuucAuUaggugcucugg.....	1	1	A42
.....auuguacuucacagggugcucugU.....	19	1	A42
.....auuguacuucacagggugcucugg.....	121	0	A42
.....auGguacuucacagggugcucugg.....	1	1	A42
.....auuguacuucacagggugcucugCu.....	1	1	A42
.....auuguacuucacagggugcucuggu.....	26	0	A42
.....auuguacuucacagggugcucuggA.....	5	1	A42
.....auuguacuucacagggugcucuggC.....	1	1	A42
.....auuguacuucacagggugcucugUu.....	6	1	A42
.....auuguacuucacagggugcucugguU.....	10	1	A42

Star

gacacgcagcagcaccgagggccgcgcacgccc	auuguaacucaucaggugcucuggugauaaauaguuccaggcgcuuguuaggaguuacacuuaccguguuaggcgguuuuucuu			
.....auuguaacucaucaggugcucugguAau	.....	1	1	A42
.....auuguaacucaucaggugcucuggugauG	.....	1	1	A42
.....auuguaacucaucaggugcucuggugauaaauaguuccaggcgcuuguu	.....	4	0	A42
.....uacuucacucaggugcucugg	.....	2	0	A42
.....uacuucacucaggugcuGugg	.....	1	1	A42
.....uacuucacucaggugcucuggu	.....	1	0	A42
.....uacuucacucaggugcucugguA	.....	1	1	A42
.....aggcgcuuguuaggaguaca	.....	1	0	A42
.....aggcgcuuguuaggaguacac	.....	4	0	A42
.....aggcgcuuguuaggaguacacu	.....	5	0	A42
.....aggcgcuuguuaggaguacacuu	.....	12	0	A42
.....aggcgcuuguuaggaguacacuuu	.....	10	0	A42
.....aggcgcuuguuaggaguacacuuuU	.....	2	1	A42
.....aggcgcuuguuaggaguacacuuuA	.....	2	1	A42
.....aggcgcuuguuaggaguacacuuac	.....	2	0	A42
.....ggcgcuuguuaggaguacacuu	.....	7	0	A42
.....ggcgcuuguuaggaguacacuuU	.....	1	1	A42
.....ggcgcuuguuaggaguacacuuu	.....	1	1	A42
.....ggcgcuuguuaggaguacacuuu	.....	6	0	A42
.....ggcgcuuguuaggaguacacuuuU	.....	2	1	A42
.....gcuuguuaggaguacacuuuA	.....	1	1	A42
.....cauuguacuucacaggugc	.....	2	0	A52
.....auuguaacuucacaggug	.....	2	0	A52
.....auuguaacuucacagUugc	.....	1	1	A52
.....auuguaacuucacaggugG	.....	2	1	A52
.....auGguacuucacaggugc	.....	1	1	A52
.....auuguaacuucacaggugA	.....	1	1	A52
.....auuguaacuucacaggugc	.....	171	0	A52
.....auugCacuucacaggugc	.....	1	1	A52
.....auuguaacuucacaggugUu	.....	1	1	A52
.....auuguaacuucacaggugUu	.....	1	1	A52
.....auuguaacuucacaggugcu	.....	97	0	A52
.....auuguaacuucacaggCGcu	.....	1	1	A52
.....auuguaacuucAucaggugcu	.....	1	1	A52
.....auuguaacuucacaggugcuU	.....	3	1	A52
.....Guuguaacuucacaggugcuc	.....	1	1	A52
.....auuguaacuucacaggugcuc	.....	61	0	A52
.....auuguaacuucacaggugcuUu	.....	1	1	A52
.....auuguaacuucacaggugcucu	.....	30	0	A52
.....auuguaacuucacaggugcuUug	.....	1	1	A52
.....auuguaacuucacaggugcucug	.....	15	0	A52
.....auuguaacuucacaggugcucugg	.....	58	0	A52
.....auuguaacuucacaggugcuAugg	.....	1	1	A52
.....auuguaacuucacaggugcucugU	.....	5	1	A52
.....auuguaacuucacaggugcucugA	.....	3	1	A52
.....auuguaacuucacaggugcucuggC	.....	1	1	A52
.....auuguaacuucacaggugcucugUu	.....	1	1	A52
.....auuguaacuucacaggugcucuggu	.....	6	0	A52
.....auuguaacuucacaggugcucCggu	.....	1	1	A52
.....Guuguaacuucacaggugcucuggu	.....	1	1	A52
.....auuguaacuucacaggugcucuggA	.....	4	1	A52
.....auuguaacuucacaggugcucugguU	.....	6	1	A52
.....auuguaacuucacaggugcucuggugauaaauaguuccaggcgcuuguu	.....	1	0	A52
.....uacuucacucaggugcucugg	.....	4	0	A52
.....uacuucacucaggugcucuCg	.....	1	1	A52
.....aggcgcuuguuaggaguac	.....	1	0	A52
.....aggcgcuuguuaggaguacacu	.....	2	0	A52
.....Gggcgcuuguuaggaguacacuu	.....	1	1	A52
.....aggcgcuuguuaggaguacacuu	.....	5	0	A52
.....aggcgcuuguuaggaguacacuuu	.....	3	0	A52
.....aggcgcuuguuaggaguacacuuuU	.....	1	1	A52
.....ggcgcuuguuaggaguacacuu	.....	1	0	A52
.....ggcgcuuguuaggaguacacuuu	.....	3	0	A52
.....cauuguacuucacaggugc	.....	5	0	H13
.....cauuguacuucacaggugcuc	.....	4	0	H13
.....auuguaacuucacaggug	.....	49	0	H13
.....auuguaacuucacaggugc	.....	1742	0	H13
.....auuguaacuucacUggugc	.....	1	1	H13

## Mature

## Star

gacacgcagcagcaccgagggccgcgcacgcc	auuguacuucacaggugcu	cuggugau	aauguuccaggc	gcuuguaggaguacacuu	accgugugcgguuuuuuu			
.....	auuguacuucacaggGgc	.....				4	1	H13
.....	auuguacuucacaggAgc	.....				5	1	H13
.....	auuguacuucacCggugc	.....				1	1	H13
.....	auuguacuucacaggguU	.....				1	1	H13
.....	auuguacuucacUgugc	.....				1	1	H13
.....	auuguacCuacacaggugc	.....				2	1	H13
.....	auuguacuucacaggugG	.....				9	1	H13
.....	auugAacuucacaggugc	.....				1	1	H13
.....	aAuguacuucacaggugc	.....				1	1	H13
.....	auuguacuucAuAggugc	.....				1	1	H13
.....	auuguacuucacaggugA	.....				7	1	H13
.....	auuguacuucAacaggugc	.....				1	1	H13
.....	auuguacuucacaggGgc	.....				7	1	H13
.....	auuCuacuucacaggugcu	.....				1	1	H13
.....	auuguacuucacaggugGu	.....				1	1	H13
.....	auuguacuucacaggugcA	.....				1	1	H13
.....	auuguacuucacaggCgcu	.....				1	1	H13
.....	auAguacuucacaggugcu	.....				2	1	H13
.....	auuguacuucacaggAgcu	.....				1	1	H13
.....	auuguacuucacaggugcu	.....				329	0	H13
.....	auuguGcuucacaggugcu	.....				1	1	H13
.....	auuguacuucacaggGgcuc	.....				2	1	H13
.....	auuguacuucacaggCgcuc	.....				1	1	H13
.....	auuguacuucacagguUcuc	.....				1	1	H13
.....	auuguacuucacaggugcuc	.....				298	0	H13
.....	auGguacuucacaggugcuc	.....				1	1	H13
.....	auuguacuucacaggugcuU	.....				6	1	H13
.....	auuguacuucacAggugcuc	.....				1	1	H13
.....	auuguacuucAuAggugcucu	.....				1	1	H13
.....	auuguacuucacaggugcucG	.....				1	1	H13
.....	auuguacuucacaggugcucu	.....				87	0	H13
.....	auuguacuucacaggugcucug	.....				14	0	H13
.....	auuguacuucacaggugcucugg	.....				72	0	H13
.....	auuguacuucacaggugcucugA	.....				19	1	H13
.....	auuguacuucacaggugcucugC	.....				1	1	H13
.....	auuguacuucacaggCgcucugg	.....				1	1	H13
.....	auuguacuucacaggugcucugU	.....				21	1	H13
.....	auuguacAucaucaggugcucugg	.....				1	1	H13
.....	auuguacuucacaggugcucugUu	.....				7	1	H13
.....	auuguacuucacaggugcucuggC	.....				3	1	H13
.....	auuguacuucacaggugcucuggu	.....				17	0	H13
.....	auuguacuucacaggugcucugCu	.....				2	1	H13
.....	auuguacuucacaggugcucuggA	.....				9	1	H13
.....	auuguacuucacacaggugcucugguU	.....				6	1	H13
.....	auuguacuucacacaggugcucugguA	.....				1	1	H13
.....	auuguacuucacacaggugcucuggugau	aaauaguccaggcgcuuguu				2	0	H13
.....	auuguacuucacacaggugcucuggugau	aaauaguccaggcgcuuguuU				1	1	H13
.....	uuguacuucacaggugc	.....				1	0	H13
.....	uuguacuucacacaggugcucugU	.....				1	1	H13
.....	uacuucacacaggugcucu	.....				1	0	H13
.....	Aacuucacacaggugcucu	.....				1	1	H13
.....	uacuucacacaggugcucugU	.....				1	1	H13
.....	uacuucacacaggugcucugg	.....				4	0	H13
.....	aggcgcuuguaggaguac	.....				1	0	H13
.....	aggcgcuuguaggaguaca	.....				4	0	H13
.....	aggcgcuuguaggaguacac	.....				3	0	H13
.....	aggcgcuuguaggaguacacu	.....				8	0	H13
.....	aggcgcuuguaggaguacGcuu	.....				1	1	H13
.....	aggcgcuuguaggaguacacuu	.....				65	0	H13
.....	aggcgcuuguaggaguacacuuA	.....				14	0	H13
.....	aggcgcuuguaggaguacacuuU	.....				1	1	H13
.....	aggcgcuuguaggaguacacuuU	.....				3	1	H13
.....	aggcgcuuguaggaguacacuuA	.....				1	1	H13
.....	ggcgcuuguaggaguacacu	.....				1	0	H13
.....	ggcgcuuguaggaguacacuu	.....				23	0	H13
.....	ggcgcuuguaggaguacacuuA	.....				22	0	H13
.....	ggcgcuuguaggaguacacuuU	.....				1	1	H13
.....	cgcuuguaggaguacacuuA	.....				1	0	H13
.....	gcuguuguaggaguacacuu	.....				1	0	H13
.....	gcuguuguaggaguacacuuA	.....				1	0	H13

## Mature

## Star

gacacgcagcagcaccgagggccgcccgcacgcccauuguacuuccaucaggugcucuggugauaaauaguccaggcgcuuguuggaguacacuuaccgugugcgguuuuuuuuu

.....cuuguuggaguacacuuac.....	1	0	H13
.....cauuguacuuc <u>caucaggugc</u> .....	1	0	A23
.....cauuguacuuc <u>caucaggugcuc</u> .....	2	0	A23
.....auuguacuuc <u>caucaggug</u> .....	11	0	A23
.....auuguacu <u>C</u> <u>caucaggugc</u> .....	1	1	A23
.....au <u>G</u> uacuuc <u>caucaggugc</u> .....	1	1	A23
.....auuguacuuc <u>U</u> <u>caucaggugc</u> .....	1	1	A23
.....auuguacuuc <u>caucaggugU</u> .....	1	1	A23
.....auuguacuuc <u>caucaggugc</u> .....	263	0	A23
.....auuguacuuc <u>caucaggGgc</u> .....	1	1	A23
.....auuguacuuc <u>caucaggugcu</u> .....	115	0	A23
.....auuguacuuc <u>caucaggugGu</u> .....	1	1	A23
.....auuguacuuc <u>caucaggugcuU</u> .....	5	1	A23
.....auuguacuuc <u>cauA</u> <u>aggugcuc</u> .....	1	1	A23
.....auuguacu <u>G</u> <u>caucaggugcuc</u> .....	1	1	A23
.....auuguacuuc <u>caucaggugcuc</u> .....	116	0	A23
.....auuguacuuc <u>caucaggugcucu</u> .....	77	0	A23
.....auuguacuuc <u>caucaggugcuUu</u> .....	1	1	A23
.....auuguacuuc <u>caucaggugA</u> <u>ucug</u> .....	1	1	A23
.....auuguacuuc <u>caucaggugcucug</u> .....	27	0	A23
.....auuguacuuc <u>caucaggGgcucug</u> .....	1	1	A23
.....auuguacuuc <u>G</u> <u>caucaggugcucugg</u> .....	1	1	A23
.....auuguacuuc <u>caucaggugcucugg</u> .....	61	0	A23
.....auuguacuuc <u>caucaggugcucugA</u> .....	26	1	A23
.....auuguacuuc <u>caucaggugcucugU</u> .....	15	1	A23
.....auuguacuuc <u>caucaggugcucuggC</u> .....	8	1	A23
.....auuguacuuc <u>caucaggugcucuggu</u> .....	15	0	A23
.....auuguacuuc <u>caucaggugcucuggA</u> .....	6	1	A23
.....auuguacuuc <u>caucaggugcucugUu</u> .....	11	1	A23
.....auuguacuuc <u>caucaggugcucugCu</u> .....	2	1	A23
.....auuguacuuc <u>caucaggugcucuggCg</u> .....	1	1	A23
.....auuguacuuc <u>caucaggugcucugguC</u> .....	1	1	A23
.....auuguacuuc <u>caucaggugcucugguU</u> .....	7	1	A23
.....auuguacuuc <u>caucaggugcucugguUau</u> .....	1	1	A23
.....auuguacuuc <u>caucaggugcucuggugau</u> <u>aaauaguccaggcgcuuguu</u> .....	1	0	A23
.....uuguacuuc <u>caucaggugcucu</u> .....	1	0	A23
.....uuguacuuc <u>caucaggugcucugU</u> .....	1	1	A23
.....uacuu <u>caucaggugcucug</u> .....	1	0	A23
.....uacuu <u>caucaggugcucugg</u> .....	2	0	A23
.....aggcgcuuguugg <u>aguac</u> .....	1	0	A23
.....aggcgcuuguugg <u>aguaca</u> .....	1	0	A23
.....aggcgcuuguugg <u>aguacac</u> .....	1	0	A23
.....aggcgcuuguugg <u>aguacacu</u> .....	1	0	A23
.....aggcgcuuguugg <u>aguU</u> <u>cacuu</u> .....	1	1	A23
.....aggcgcuuguugg <u>aguacacuu</u> .....	22	0	A23
.....aggcgcuuguugg <u>aguacacuuu</u> .....	2	0	A23
.....aggcgcuuguugg <u>aguacacuuuA</u> .....	1	1	A23
.....aggcgcuuguugg <u>aguacacuuuac</u> .....	1	0	A23
.....aggcgcuuguugg <u>aguacacuuuU</u> .....	2	1	A23
.....ggcgcuuguugg <u>aguacacu</u> .....	1	0	A23
.....ggcgcuuguugg <u>aguacacu</u> .....	9	0	A23
.....ggcgcuuguugg <u>aguacacuuU</u> .....	1	1	A23
.....ggcgcuuguugg <u>aguacacuuu</u> .....	7	0	A23
.....ggcgcuuguugg <u>aguacacuuuU</u> .....	1	1	A23
.....cauuguacuuc <u>caucaggugc</u> .....	1	0	H21
.....cauuguacuuc <u>caucaggugcu</u> .....	1	0	H21
.....cauuguacuuc <u>caucaggugcuc</u> .....	2	0	H21
.....auuguacuuc <u>caucaggug</u> .....	43	0	H21
.....auuguacuuc <u>cauA</u> <u>ggugc</u> .....	1	1	H21
.....auugA <u>acuuc</u> <u>caucaggugc</u> .....	2	1	H21
.....auuguacuuc <u>caucaggCgc</u> .....	2	1	H21
.....auuguacu <u>A</u> <u>caucaggugc</u> .....	1	1	H21
.....auuguacu <u>A</u> <u>caucaggugc</u> .....	1	1	H21
.....auuguacuuc <u>caucaggugc</u> .....	1443	0	H21
.....auugC <u>acuuc</u> <u>caucaggugc</u> .....	2	1	H21
.....auA <u>guacuuc</u> <u>caucaggugc</u> .....	7	1	H21
.....auuguacuuc <u>caucaggugA</u> .....	2	1	H21
.....auuguacuuc <u>caucaggugG</u> .....	6	1	H21

## Mature

## Star

gacacgcagcagcaccgagggccgcgcagcccauugua <u>cuu</u> caucaggug <u>cu</u> cuggugauaa <u>u</u> aguuccaggcgc <u>uu</u> guuggag <u>ua</u> ca <u>cuu</u> accgugugcgguuuu <u>cuu</u>			
.Guugua <u>cuu</u> caucaggug <u>c</u> .....	1	1	H21
.auCgu <u>acu</u> u <u>cau</u> caaggug <u>c</u> .....	1	1	H21
.auugua <u>cuu</u> caucaggG <u>gc</u> .....	1	1	H21
.auugua <u>cuu</u> caucaUgug <u>c</u> .....	1	1	H21
.auugua <u>c</u> u <u>cau</u> caaggug <u>c</u> .....	1	1	H21
.auugua <u>cuu</u> caucagUgug <u>c</u> .....	1	1	H21
.auGgu <u>acu</u> u <u>cau</u> caaggug <u>c</u> .....	1	1	H21
.auugua <u>cuu</u> caucaggugU <u>.</u> .....	1	1	H21
.auugA <u>acu</u> u <u>cau</u> caaggug <u>c</u> .....	1	1	H21
.auugua <u>cuu</u> caucaggugcA <u>.</u> .....	1	1	H21
.auugua <u>cuu</u> caucaggugcC <u>.</u> .....	1	1	H21
.auugua <u>cuu</u> caucaggug <u>cu</u> .....	252	0	H21
.auugua <u>cuu</u> caucaggugA <u>u</u> .....	1	1	H21
.auugua <u>cuu</u> caA <u>ca</u> ggug <u>cu</u> .....	1	1	H21
.auGgu <u>acu</u> u <u>cau</u> caaggug <u>c</u> .....	1	1	H21
.auugua <u>cuu</u> caucUggug <u>c</u> u <u>c</u> .....	1	1	H21
.auugua <u>cuu</u> caucaggugU <u>uc</u> .....	1	1	H21
.auugC <u>acu</u> u <u>cau</u> caaggug <u>c</u> u <u>c</u> .....	1	1	H21
.auugua <u>cuu</u> caucaA <u>g</u> ug <u>c</u> u <u>c</u> .....	1	1	H21
.auugua <u>cuu</u> caucaggug <u>c</u> u <u>c</u> .....	208	0	H21
.auCgu <u>acu</u> u <u>cau</u> caaggug <u>c</u> u <u>c</u> .....	1	1	H21
.auugua <u>cuu</u> caucaggug <u>cu</u> U <u>.</u> .....	3	1	H21
.auugG <u>acu</u> u <u>cau</u> caaggug <u>c</u> u <u>c</u> .....	1	1	H21
.auugua <u>cuu</u> caucaggug <u>c</u> u <u>cu</u> .....	40	0	H21
.auugua <u>cuu</u> caucaggug <u>cu</u> A <u>u</u> .....	1	1	H21
.auugua <u>cuu</u> caucaggug <u>c</u> u <u>c</u> u <u>g</u> .....	12	0	H21
.auugC <u>acu</u> u <u>cau</u> caaggug <u>c</u> u <u>c</u> u <u>g</u> .....	1	1	H21
.auugua <u>cuu</u> caucaggug <u>c</u> u <u>c</u> u <u>g</u> g.....	26	0	H21
.auugua <u>cuu</u> caucaggug <u>c</u> u <u>c</u> u <u>g</u> U <u>.</u> .....	7	1	H21
.auA <u>gu</u> u <u>cau</u> caucaggug <u>c</u> u <u>c</u> u <u>g</u> g.....	1	1	H21
.auugua <u>cuu</u> caucaggugA <u>uc</u> u <u>g</u> g.....	1	1	H21
.auugua <u>cuu</u> caucaggug <u>c</u> u <u>c</u> u <u>g</u> A <u>.</u> .....	4	1	H21
.auugua <u>cuu</u> caucaggug <u>c</u> u <u>c</u> u <u>g</u> g <u>u</u> .....	12	0	H21
.auugua <u>cuu</u> caucaggug <u>c</u> u <u>c</u> u <u>g</u> A <u>u</u> .....	1	1	H21
.auugua <u>cuu</u> caucaggug <u>c</u> u <u>c</u> u <u>g</u> gC <u>.</u> .....	1	1	H21
.auugua <u>cuu</u> caucaggug <u>c</u> u <u>c</u> u <u>g</u> U <u>.</u> .....	3	1	H21
.auugua <u>cuu</u> caucaggug <u>c</u> u <u>c</u> u <u>g</u> gA <u>.</u> .....	3	1	H21
.auugua <u>cuu</u> caucaggug <u>c</u> u <u>c</u> u <u>g</u> gU <u>.</u> .....	5	1	H21
.auugua <u>cuu</u> caucaggug <u>c</u> u <u>c</u> u <u>g</u> gugauaa <u>u</u> aguuccaggc.....	1	0	H21
.auugua <u>cuu</u> caucaggug <u>c</u> u <u>c</u> u <u>g</u> gugauaa <u>u</u> aguuccaggc <u>gu</u> u.....	1	0	H21
.uugua <u>cuu</u> caucaggug <u>c</u> u <u>c</u> .....	1	0	H21
.uugua <u>cuu</u> caucaggug <u>c</u> u <u>c</u> u <u>g</u> .....	1	0	H21
.uugua <u>cuu</u> caucaggug <u>c</u> u <u>c</u> u <u>g</u> g.....	1	0	H21
.uac <u>uu</u> caucaggug <u>c</u> u <u>c</u> u <u>g</u> g.....	1	0	H21
.uac <u>uu</u> caucaggug <u>c</u> u <u>c</u> u <u>g</u> U <u>.</u> .....	1	1	H21
.aggc <u>g</u> cuu <u>gu</u> ggag <u>ua</u> c.....	3	0	H21
.aggc <u>g</u> cuu <u>gu</u> ggag <u>ua</u> cU <u>.</u> .....	1	1	H21
.aggc <u>g</u> cuu <u>gu</u> ggag <u>ua</u> ca.....	9	0	H21
.aggc <u>g</u> cuu <u>gu</u> ggag <u>ua</u> ca <u>c</u> .....	1	0	H21
.aggc <u>g</u> cuu <u>gu</u> ggag <u>ua</u> cG <u>cu</u> .....	1	1	H21
.aggc <u>g</u> cuu <u>gu</u> ggag <u>ua</u> ca <u>cu</u> .....	13	0	H21
.aggc <u>g</u> cuu <u>gu</u> ggag <u>ua</u> ca <u>cuu</u> .....	75	0	H21
.aggc <u>g</u> cuu <u>gu</u> ggag <u>ua</u> cG <u>cuu</u> .....	1	1	H21
.aggc <u>g</u> cuu <u>gu</u> ggag <u>ua</u> ca <u>cuu</u> U <u>.</u> .....	2	1	H21
.aggc <u>g</u> cuu <u>gu</u> ggag <u>ua</u> ca <u>cuu</u> C <u>.</u> .....	2	1	H21
.aggc <u>g</u> cuu <u>gu</u> ggag <u>ua</u> ca <u>cuua</u> .....	16	0	H21
.aggc <u>g</u> cuu <u>gu</u> ggag <u>ua</u> ca <u>cuua</u> U <u>.</u> .....	6	1	H21
.aggc <u>g</u> cuu <u>gu</u> ggag <u>ua</u> ca <u>cuuac</u> .....	1	0	H21
.aggc <u>g</u> cuu <u>gu</u> ggag <u>ua</u> ca <u>cuuaA</u> .....	2	1	H21
.ggc <u>g</u> cuu <u>gu</u> ggag <u>ua</u> ca.....	1	0	H21
.ggc <u>g</u> cuu <u>gu</u> ggag <u>ua</u> ca <u>cuA</u> .....	1	1	H21
.ggc <u>g</u> cuu <u>gu</u> ggag <u>ua</u> ca <u>cuu</u> .....	15	0	H21
.ggc <u>g</u> cuu <u>gu</u> ggag <u>ua</u> ca <u>cuua</u> .....	8	0	H21
.ggc <u>g</u> cuu <u>gu</u> ggag <u>ua</u> ca <u>cuuaA</u> .....	1	1	H21
.ggc <u>g</u> cuu <u>gu</u> ggag <u>ua</u> ca <u>cuuaU</u> .....	2	1	H21
.ggc <u>g</u> cuu <u>gu</u> ggag <u>ua</u> ca <u>cuuac</u> .....	3	0	H21
.gcuu <u>gu</u> ggag <u>ua</u> ca <u>cuua</u> .....	1	0	H21
.....cauugua <u>cuu</u> caucaggug <u>c</u> u <u>c</u> u <u>g</u> A <u>.</u> .....	1	1	E71
.....auugua <u>cuu</u> caucaggug.....	17	0	E71

## Mature

## Star

gacacgcagcagcaccgagggccgccgcacgcccauuguacuucaucaggugcucuggugauaaauaguuccaggcgcuuguggaguacacuuaccguguuggcgguuuucuu

.....auuguacuuc <u>aucagg</u> Ag.....	1	1	E71
.....auuguacuuc <u>aucagg</u> gc.....	288	0	E71
.....auuguacuuc <u>aucagg</u> G.....	3	1	E71
.....auuguacuuc <u>aucagg</u> Agc.....	3	1	E71
.....auuguacuuc <u>aucagg</u> Ggc.....	3	1	E71
.....auuguacu <u>A</u> <u>caucagg</u> gc.....	1	1	E71
.....auugu <u>G</u> <u>cuu</u> <u>caucagg</u> gc.....	2	1	E71
.....auuguacuuc <u>aucagg</u> ugA.....	1	1	E71
.....au <u>A</u> guacuuc <u>aucagg</u> gc.....	1	1	E71
.....auuguacuuc <u>aucagg</u> gU.....	1	1	E71
.....auuguacuuc <u>aucagg</u> Ggcu.....	1	1	E71
.....auuguacuuc <u>A</u> aggugcu.....	1	1	E71
.....auuguacuuc <u>aucagg</u> gUu.....	2	1	E71
.....auuguacuuc <u>aucagg</u> gcu.....	32	0	E71
.....auuguacuuc <u>aucagg</u> gucuc.....	98	0	E71
.....auuguacuuc <u>aucagg</u> Agcuc.....	1	1	E71
.....auuguacuuc <u>aucagg</u> gucucu.....	47	0	E71
.....auugua <u>A</u> u <u>caucagg</u> gucucu.....	1	1	E71
.....auuguacuuc <u>aucagg</u> gucucug.....	4	0	E71
.....auuguacuuc <u>aucagg</u> gucucugU.....	1	1	E71
.....auuguacuuc <u>aucagg</u> gucucuggA.....	1	1	E71
.....auuguacuuc <u>aucagg</u> gucucuggu.....	4	0	E71
.....uuguacuuc <u>aucagg</u> gc.....	1	0	E71
.....uuguacuuc <u>aucagg</u> gucucug.....	1	0	E71
.....uacuuc <u>aucagg</u> gucucu.....	2	0	E71
.....aggcgcuuguuggag <u>uacacu</u> .....	2	0	E71
.....aggcgcuuguuggag <u>uacG</u> cuu.....	1	1	E71
.....aggcgcuuguuggag <u>uacacu</u> .....	13	0	E71
.....aggcgcuuguuggag <u>uacacu</u> C.....	1	1	E71
.....aggcgcuuguuggag <u>uacacu</u> u.....	1	0	E71
.....aggcgcuuguuggag <u>uacacu</u> uac.....	1	0	E71
.....ggcgcuuguuggag <u>uacacu</u> .....	3	0	E71
.....ggcgcuuguuggag <u>uacacu</u> u.....	2	0	E71
.....cauuguacuuc <u>aucagg</u> gucuc.....	1	0	B02
.....cauuguacuuc <u>aucagg</u> gucucug.....	2	0	B02
.....auuguacuuc <u>aucagg</u> g.....	2	0	B02
.....auuguacuuc <u>aucagg</u> gG.....	1	1	B02
.....auGguacuuc <u>aucagg</u> gc.....	1	1	B02
.....auuguacuuc <u>aucagg</u> ugA.....	1	1	B02
.....auuguacuuc <u>aucagg</u> gc.....	326	0	B02
.....auuguacuuc <u>aucagg</u> guc.....	1	1	B02
.....au <u>A</u> guacuuc <u>aucagg</u> gc.....	1	1	B02
.....auuguac <u>G</u> u <u>caucagg</u> gc.....	1	1	B02
.....auuguacuuc <u>aucagg</u> gcA.....	1	1	B02
.....auuguacuuc <u>aucagg</u> gAu.....	1	1	B02
.....auuguacuuc <u>aucagg</u> Agcu.....	1	1	B02
.....auuguacuuc <u>aucagg</u> Cgcu.....	1	1	B02
.....auuguac <u>A</u> u <u>caucagg</u> gcu.....	1	1	B02
.....auuguacuuc <u>aucagg</u> gcu.....	184	0	B02
.....auuguacuuc <u>aucagg</u> Ggcu.....	1	1	B02
.....auuguacuuc <u>aucagg</u> uAcuc.....	1	1	B02
.....auuguacuuc <u>aucagg</u> gucuc.....	483	0	B02
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.....auuguacuucG <u>u</u> <u>cagg</u> gucuc.....	1	1	B02
.....auuguacuuc <u>aucagg</u> uUcuc.....	1	1	B02
.....auuguacuuc <u>auGagg</u> gucuc.....	1	1	B02
.....auuguacuuc <u>aucagg</u> Cgcuc.....	4	1	B02
.....auuguacuuc <u>aucagg</u> Agcuc.....	1	1	B02
.....auuguacuuc <u>aucagg</u> gcGc.....	1	1	B02
.....auuguacuuc <u>aucag</u> Augcuc.....	1	1	B02
.....au <u>A</u> guacuuc <u>aucagg</u> gucuc.....	1	1	B02
.....auCguacuuc <u>aucagg</u> gucucu.....	1	1	B02
.....auuguacuuc <u>auca</u> Cgugcucu.....	1	1	B02
.....auuguacuuc <u>aucagg</u> gucA.....	1	1	B02
.....auuguacuuc <u>aucagg</u> Agcucu.....	1	1	B02
.....auuguacuuc <u>aucagg</u> gucucu.....	262	0	B02
.....auuguacuuc <u>aucagg</u> ugAucu.....	1	1	B02



## Mature

## Star

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.....auuguacuucacauUgugcucu.....			1	1	B02
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.....auGguacuucacagggugcucugg.....			1	1	B02
.....auuguacuucacagggugcucuggA.....			5	1	B02
.....auuguacuucacagggugcucugAu.....			1	1	B02
.....auuguacuucacagggugcucugCu.....			1	1	B02
.....auAguacuucacagggugcucuggu.....			1	1	B02
.....auuguacuucacagggugcucuggC.....			6	1	B02
.....auuguacuucacagggugcucuggu.....			21	0	B02
.....auuguacuucacagggugcucugUu.....			9	1	B02
.....auuguacuucacagggugcucugguC.....			2	1	B02
.....auuguacuucacagggugcucugguU.....			9	1	B02
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.....auuguacuucacagggugcucuggugauaauguuccaggcgcuugu.....			7	0	B02
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.....uuguacuucacagggugcuc.....			1	0	B02
.....uuguacuucacagggugcucug.....			1	0	B02
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.....uacuucacagggugcucugg.....			6	0	B02
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.....aggcgcuuguuggaguacacuC.....			1	1	B02
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.....aggcgcuuguuggaguacacuuU.....			6	1	B02
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.....auGguacuucacagggugc.....			4	1	H02
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.....auuguacuucacagggugU.....			1	1	H02
.....auuguacuucacagUugc.....			1	1	H02
.....auuguacuucacaggAgc.....			4	1	H02
.....auuguacuucacaggCgc.....			2	1	H02
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## Mature

## Star

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.....auuguacuucauAaggugc.....	1	1	H02
.....aCuguacuucacaggugc.....	2	1	H02
.....auAguacuucacaggugc.....	6	1	H02
.....auuguacuucacauUgugc.....	2	1	H02
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.....auuguacuucacagUugcu.....	2	1	H02
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.....auuguacuucacaggGgcu.....	1	1	H02
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.....auuguacuucacaggugcuU.....	7	1	H02
.....auuguacuucacaggugGuc.....	1	1	H02
.....auCguacuucacaggugcuc.....	1	1	H02
.....auuguacuucacauCgugcuc.....	1	1	H02
.....auuguacuucacaggCgcuc.....	1	1	H02
.....Cuuguacuucacaggugcuc.....	1	1	H02
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.....auuguacuucacaggugcucuggugauaauguuccaggcgcuuuuU.....	1	1	H02
.....uuguacuucacaggugc.....	2	0	H02
.....uuguacuucacaggugcu.....	1	0	H02
.....uacuucacaggugcucu.....	2	0	H02
.....Aacuucacaggugcucu.....	1	1	H02

Star

[illegible]

## Mature

## Star

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.....auuguacuucacagAgcuc.....	8	1	E22
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.....Uuuguacuucacagggugcucu.....	1	1	E22
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## Mature

## Star

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.auugCacuucacaggguc					
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.auuguacuucacagguCcu					
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.auuguacuucacagggucG					
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.auuguacuucacagggucU					
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## Mature

## Star

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## Mature

## Star

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## Mature

## Star

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.....	.....auuguacuucacagggugAu.....		1	1	A24
.....	.....auuguacuucacagggAgcu.....		1	1	A24
.....	.....auuguacuuaAucagggugcu.....		1	1	A24
.....	.....auuguacuucacagggGgcu.....		1	1	A24
.....	.....auuguacuucacagggUcu.....		1	1	A24
.....	.....auuguacuucacagggugcu.....		173	0	A24
.....	.....auuguacuucacagggGgcuc.....		1	1	A24
.....	.....auuguacuucacagggCgcuc.....		1	1	A24
.....	.....auuguacuucacagggugcuU.....		3	1	A24
.....	.....auuguacuucacagggugcuc.....		196	0	A24
.....	.....auuguacuucacagggugcuA.....		1	1	A24
.....	.....auAguacuucacagggugcucu.....		1	1	A24

Star

gaacagcagcagcacocgaggccgcacgcccauuuguacuucaucaggugucuugugugaauaaaguuccaggcgcuugguuggaguaacacuaaccguguugcgggguuuuucuu			
. . . . . auuguacuucaucaggugGucu . . . . .	1	1	A24
. . . . . auuguacuucaucaggugGucu . . . . .	110	0	A24
. . . . . auuguacuucaucaggguUucu . . . . .	1	1	A24
. . . . . auuguacuucaucaggugGucuU . . . . .	1	1	A24
. . . . . auuguacuucaucaggugAucug . . . . .	1	1	A24
. . . . . auuguacuucaucaggugGucug . . . . .	55	0	A24
. . . . . auGuuacuucaucaggugGucug . . . . .	1	1	A24
. . . . . auuguacuucaucaggugGucugU . . . . .	48	1	A24
. . . . . auuguacuucaucaggguUucuugg . . . . .	1	1	A24
. . . . . auuguacuucaucaggugGucugA . . . . .	173	1	A24
. . . . . auuguacuucaucaggugGucugg . . . . .	149	0	A24
. . . . . auuguacuucUucaggugGucugg . . . . .	1	1	A24
. . . . . auuguacuucaucaggugGcuGugg . . . . .	1	1	A24
. . . . . auuguacuucaucaggCGcucugg . . . . .	1	1	A24
. . . . . auuguacuucaucaggugGucugC . . . . .	2	1	A24
. . . . . GuuguacuucaucaggugGucugg . . . . .	1	1	A24
. . . . . auuguacuucaucaggugGucugAu . . . . .	6	1	A24
. . . . . auuguacuucaucaggugGucuggA . . . . .	63	1	A24
. . . . . auuguacuucaucaggugGucuggG . . . . .	1	1	A24
. . . . . auuguacuucaucaggugGucugCu . . . . .	8	1	A24
. . . . . auuguacuucaucaggugGucugggu . . . . .	40	0	A24
. . . . . auuguacuucaucaggugGucuggC . . . . .	22	1	A24
. . . . . auuguacuucaucaggugGucugFu . . . . .	8	1	A24
. . . . . auuguacuucaucaggugGucugguU . . . . .	21	1	A24
. . . . . auuguacuucaucaggugGucugguC . . . . .	1	1	A24
. . . . . auuguacuucaucaggugGucuggAg . . . . .	1	1	A24
. . . . . auuguacuucaucaggugGucugguA . . . . .	2	1	A24
. . . . . auuguacuucaucaggugGucugguUau . . . . .	1	1	A24
. . . . . auuguacuucaucaggugGucuggugauaauguuccaggcgcuug . . . . .	1	0	A24
. . . . . auuguacuucaucaggugGucuggugauaauguuccaggcgcuugu . . . . .	3	0	A24
. . . . . auuguacuucaucaggugGucuggugauaauguuccaggcgcuuguu . . . . .	9	0	A24
. . . . . auuguacuucaucaggugGucuggugauaauguuccaggcgcuuguuU . . . . .	1	1	A24
. . . . . uuguacuucaucaggugGuc . . . . .	1	0	A24
. . . . . uuguacuucaucaggugGucugU . . . . .	1	1	A24
. . . . . uacuucaucaggugGucuc . . . . .	1	0	A24
. . . . . uacuucaucaggugGucug . . . . .	1	0	A24
. . . . . uacuucaucaggugGucugg . . . . .	3	0	A24
. . . . . uacuucaucaggugGucugA . . . . .	3	1	A24
. . . . . uacuucaucagUugGucugg . . . . .	1	1	A24
. . . . . uacuucaucaggugGucugU . . . . .	1	1	A24
. . . . . uacuucaucaggugGucuggC . . . . .	1	1	A24
. . . . . uacuucaucaggugGucugguU . . . . .	1	1	A24
. . . . . aggcgcuguuggaguaca . . . . .	3	0	A24
. . . . . aggcgcuguuggaguacacu . . . . .	7	0	A24
. . . . . aggcgcuguuggagugGcacuu . . . . .	1	1	A24
. . . . . aggcgcuguuggaguacacuu . . . . .	31	0	A24
. . . . . aggcgcuguuggaguacacuuU . . . . .	4	1	A24
. . . . . aggcgcuguuggaguacacuaa . . . . .	13	0	A24
. . . . . aggcgcuguuggaguacCcuaa . . . . .	1	1	A24
. . . . . Ggcgcuguuggaguacacuaa . . . . .	1	1	A24
. . . . . aggcgcuguuggaguacacuaU . . . . .	8	1	A24
. . . . . aggcgcuguuggaguacacuuac . . . . .	1	0	A24
. . . . . aggcgcuguuggaguacacuaUc . . . . .	1	1	A24
. . . . . ggcgcuguuggaguaca . . . . .	1	0	A24
. . . . . ggcgcuguuggaguacacu . . . . .	3	0	A24
. . . . . ggcgcuguuggaguacacuu . . . . .	15	0	A24
. . . . . ggcgcuguuggaguacacuaa . . . . .	18	0	A24
. . . . . ggcgcuguuggaguacacuaU . . . . .	2	1	A24
. . . . . ggcgcuguuggaguacacuaaA . . . . .	1	1	A24
. . . . . cauuguacuucaucaggugc . . . . .	1	0	E11
. . . . . caAuuguacuucaucaggugcu . . . . .	1	1	E11
. . . . . cauuguacuucaucaggugcu . . . . .	3	0	E11
. . . . . cauuguacuucaucaggugGuc . . . . .	8	0	E11
. . . . . cauuguacuucaucaggugGucuc . . . . .	1	0	E11
. . . . . cauuguacuucaucaggugGucugg . . . . .	2	0	E11
. . . . . auuguGcuucaucaggug . . . . .	1	1	E11
. . . . . auuguacuucaucaggug . . . . .	50	0	E11
. . . . . auuguacuucaucaggugc . . . . .	2026	0	E11
. . . . . auuguacuucacaAgugc . . . . .	1	1	E11

## Mature

## Star

gacacgcagcagcaccgagggccgcccgcacgccc	auuguacuucacagggugcu	cuggugauaauaguuccaggc	gcuuguuggaguuacgugugcgguuuuuuu
.....auuguGcuuacacaggguc.....	2	1	E11
.....auGguacuucacaggguc.....	2	1	E11
.....auuguacuucacacGguc.....	2	1	E11
.....auugGacuucacaggguc.....	2	1	E11
.....auuUuacuucacaggguc.....	1	1	E11
.....auuguacuucacaggGgc.....	1	1	E11
.....auuguacuucacagUgc.....	3	1	E11
.....auuguacuucacagCugc.....	1	1	E11
.....auugCacuucacaggguc.....	2	1	E11
.....auCguacuucacaggguc.....	2	1	E11
.....auuguacuucacagAugc.....	1	1	E11
.....auuguacuucUucaggguc.....	1	1	E11
.....auuguacuucacaggCgc.....	2	1	E11
.....auuguacuucacagggG.....	10	1	E11
.....auuguacAucacaggguc.....	2	1	E11
.....auuguacuucacagggA.....	3	1	E11
.....auugAacuucacaggguc.....	1	1	E11
.....auuguacuucacagguUc.....	2	1	E11
.....Uuuguacuucacaggguc.....	2	1	E11
.....auuguUcuucacaggguc.....	1	1	E11
.....auuguacuucacauUguc.....	1	1	E11
.....auAguacuucacaggguc.....	3	1	E11
.....auuguacuucacaggAgc.....	1	1	E11
.....auuguacuucacagggucG.....	2	1	E11
.....auuguacuucacagggucA.....	1	1	E11
.....auuguacuucacaggAgcu.....	1	1	E11
.....auuguacuucacacGguc.....	1	1	E11
.....Uuuguacuucacaggguc.....	1	1	E11
.....auAguacuucacaggguc.....	1	1	E11
.....auugAacuucacaggguc.....	1	1	E11
.....auuguacCuacacaggguc.....	1	1	E11
.....auuguacuucacagggU.....	1	1	E11
.....auuguacuucacaggguc.....	426	0	E11
.....auuguacuucacagggAugc.....	6	1	E11
.....auuguacuucacacAugucuc.....	2	1	E11
.....auugAacuucacagggucuc.....	2	1	E11
.....auuguacuucacGggucuc.....	1	1	E11
.....auuguacuucacagggucAc.....	1	1	E11
.....auAguacuucacagggucuc.....	1	1	E11
.....auuguacuucacagggucuc.....	1169	0	E11
.....auuguacCuacacagggucuc.....	1	1	E11
.....auuguacuucacagguUcuc.....	2	1	E11
.....auuguacuucacagggucA.....	1	1	E11
.....auuguacuucacagggucG.....	1	1	E11
.....auuguacuucacagggUuc.....	1	1	E11
.....auugGacuucacagggucuc.....	1	1	E11
.....auGguacuucacagggucuc.....	1	1	E11
.....auuguacuucacagggucU.....	3	1	E11
.....auuguacuucacaggAgcuc.....	1	1	E11
.....auuguacuucacagAuguc.....	1	1	E11
.....auuguacuucacaggAgcucu.....	1	1	E11
.....auAguacuucacagggucucu.....	2	1	E11
.....auuguacuucacagggucG.....	3	1	E11
.....auuguacuucacauUgucucu.....	1	1	E11
.....auuguacuucacAaggucucu.....	1	1	E11
.....auuguacuucacagggucucu.....	906	0	E11
.....auuguacuucacacGgucucu.....	1	1	E11
.....auugGacuucacagggucucu.....	3	1	E11
.....Cuuguacuucacagggucucu.....	1	1	E11
.....auugAacuucacagggucucu.....	2	1	E11
.....auuguacuucacagggucGu.....	1	1	E11
.....auuguacuucacagggUcuc.....	1	1	E11
.....auuguacuucacagggAugc.....	3	1	E11
.....auuguacuucacagggucAu.....	1	1	E11
.....auuguacGuacacagggucucu.....	1	1	E11
.....Uuuguacuucacagggucucu.....	1	1	E11
.....auuguacuucacaggCgcucu.....	1	1	E11
.....auuguacuucacagggucucuU.....	1	1	E11
.....auAguacuucacagggucucug.....	1	1	E11
.....auuguacGuacacagggucucug.....	1	1	E11

## Mature

## Star

gacacgcagcagcaccgagggccgcgcacgccc	auuguacuucacagggugcucuggugauaaauaguuccaggc	gcuuguuggaguacacuuaccgugugcgguuuucuu			
.....	auGguacuucacagggugcucug.....		1	1	E11
.....	auuguacuucacagggugcucug.....		131	0	E11
.....	auuguacuucacagggugcucCg.....		1	1	E11
.....	auuguacuucacagggugUucug.....		1	1	E11
.....	auuguacuucacagggugcucuUg.....		2	1	E11
.....	auuguacuucacagggugcucugC.....		1	1	E11
.....	auuguacuucacagguUcucugg.....		1	1	E11
.....	auugCacuucacagggugcucugg.....		1	1	E11
.....	auuguacuucacaggGgcucugg.....		1	1	E11
.....	auuguacuucacGaggugcucugg.....		1	1	E11
.....	auuguacuucacagggugGucugg.....		2	1	E11
.....	auuguacAucacagggugcucugg.....		1	1	E11
.....	auGguacuucacagggugcucugg.....		1	1	E11
.....	Uuuguacuucacagggugcucugg.....		1	1	E11
.....	auuguaAuucacagggugcucugg.....		1	1	E11
.....	auuguacuucacaggAgcucugg.....		2	1	E11
.....	auuguacuucacuaAgugcucugg.....		1	1	E11
.....	auuguacuucacagUugcucugg.....		1	1	E11
.....	auuguacuucacagggugcucugA.....		15	1	E11
.....	auuguacuucacagggugcucugg.....		703	0	E11
.....	auuguacuucacagggugcucugU.....		46	1	E11
.....	auuguacGucaucagggugcucugg.....		1	1	E11
.....	auuguacuAcaucagggugcucugg.....		1	1	E11
.....	aCuguacuucacagggugcucugg.....		1	1	E11
.....	auCguacuucacagggugcucugg.....		1	1	E11
.....	auuguacuucacagguAgucugg.....		2	1	E11
.....	auuguacuucGucagggugcucugg.....		1	1	E11
.....	auugGacuucacagggugcucugg.....		1	1	E11
.....	auuguacuucacaggCgcucugg.....		2	1	E11
.....	auuguacuucacagggugcucugAu.....		2	1	E11
.....	auuguacuucacagggugcucugCu.....		7	1	E11
.....	auuguacuucacagggugcucuggA.....		15	1	E11
.....	auuguacuucacagggugcucugUu.....		27	1	E11
.....	auugCacuucacagggugcucuggu.....		1	1	E11
.....	auuguacuucacagguCcucuggu.....		1	1	E11
.....	auuguacuucacagggugcucuggC.....		7	1	E11
.....	auuguacuucacagggugcucuggu.....		54	0	E11
.....	auuguacuucacagggugcucugguU.....		27	1	E11
.....	auuguacuucacagggugcucuggAg.....		1	1	E11
.....	auuguacuucacagggugcucugguA.....		2	1	E11
.....	auuguacuucacagggugcucugguC.....		1	1	E11
.....	auuguacuucacagggugcucugguUa.....		1	1	E11
.....	auuguacuucacagggugcucuggugauaaauaguuccaggcgcuggu.....		1	0	E11
.....	auuguacuucacagggugcucuggugauaaauaguuccaggcgcuggu.....		1	0	E11
.....	uuguacuucacagggugc.....		1	0	E11
.....	uuguacuucacagggugcu.....		1	0	E11
.....	uuguacuucacagggugcucu.....		2	0	E11
.....	uuguacuucacagggugcucugg.....		1	0	E11
.....	uguacuucacagggugcucug.....		1	0	E11
.....	uacuucacagggugcucu.....		17	0	E11
.....	uacuucacagggugcucugg.....		1	1	E11
.....	uacuucacagggugcucugU.....		1	1	E11
.....	Aacuucacagggugcucugg.....		2	1	E11
.....	uacuucacagggugcuUgg.....		1	1	E11
.....	uacuucacagggugcucugg.....		23	0	E11
.....	uacuucacagggugcucuggu.....		2	0	E11
.....	aggcgcuguuggaguacac.....		1	0	E11
.....	aggcgcuguuggaguacac.....		1	0	E11
.....	aggcgcuguuggaguacacu.....		14	0	E11
.....	agCgcuguuggaguacacuu.....		1	1	E11
.....	aggcgcuguuggaUuacacuu.....		1	1	E11
.....	aggcgcuguuggaguacacuu.....		79	0	E11
.....	aggcgcuguuggaguacacuuU.....		1	1	E11
.....	aggcgcuguuggaguacacuu.....		46	0	E11
.....	agAcgcuguuggaguacacuu.....		1	1	E11
.....	aggcgcuguuggaguacacuuC.....		1	1	E11
.....	aggcgcuguuggaguacacuuac.....		13	0	E11
.....	aggcgcuguuggaguacacuuA.....		2	1	E11
.....	aggcgcuguuggaguacacuuU.....		5	1	E11
.....	aggcgcuguuggaguacacuuacU.....		1	1	E11

## Mature

## Star

gacacgcagcagcaccgagggccgccgcacgccc	auuguacuuc	caucaggugc	cugcug	gauaa	uaguccaggc	gcuugugggaguacacuu	accguguggcgguuuucuu			
.....	ggcgc	cuugug	ggaguacacu	.....	2	0	E11			
.....	ggcgc	cuugug	ggaguacacu	.....	21	0	E11			
.....	ggcgc	cuugug	ggaguaA	acuu	.....	1	1	E11		
.....	ggcgc	cuugug	ggaguacacuu	.....	28	0	E11			
.....	ggcgc	cuugug	ggaguacacuA	.....	1	1	E11			
.....	ggcgc	cuugug	ggaguacacuu	ac	.....	1	0	E11		
.....	ggcgc	cuugug	ggaguacacuu	A	.....	3	1	E11		
.....	gcuugug	ggaguacacuu	.....	3	0	E11				
.....	cauuguacuuc	caucaggugc	.....	4	0	E21				
.....	cauuguacuuc	caucaggugcu	.....	3	0	E21				
.....	cauuguacuuc	caucaggugcuc	.....	12	0	E21				
.....	cauuguacuuc	caucaggugcuc	.....	1	1	E21				
.....	cauuguacuuc	caucaggugcuc	.....	2	0	E21				
.....	auuguacuuc	caucaggug	.....	28	0	E21				
.....	Guuguacuuc	caucaggugc	.....	1	1	E21				
.....	auCguacuuc	caucaggugc	.....	3	1	E21				
.....	auuguacuuc	caucaggug	.....	1	1	E21				
.....	auAguacuuc	caucaggugc	.....	2	1	E21				
.....	auuguacuuc	caucaggugc	.....	1410	0	E21				
.....	auuguacuuc	caucaggug	.....	1	1	E21				
.....	auuguacuuc	caucaggugc	.....	1	1	E21				
.....	auuAguacuuc	caucaggugc	.....	1	1	E21				
.....	auuguacuuc	caucaggug	.....	7	1	E21				
.....	Uuuguacuuc	caucaggugc	.....	1	1	E21				
.....	auuguacuuc	caucaggGgc	.....	1	1	E21				
.....	auuguacuuc	Uaucaggugc	.....	1	1	E21				
.....	auuguacuuc	caucaggAgc	.....	3	1	E21				
.....	auuguacuuc	caucaggCgc	.....	2	1	E21				
.....	auuguacuuc	caucaggugU	.....	1	1	E21				
.....	auuguacuuc	caucaggugc	.....	1	1	E21				
.....	auuguacuuc	caucaggugA	.....	3	1	E21				
.....	auGguacuuc	caucaggugc	.....	2	1	E21				
.....	auuguacuuc	caucaUgugc	.....	2	1	E21				
.....	auugAacuuc	caucaggugcu	.....	1	1	E21				
.....	auuguacuuc	caucaggGgc	.....	2	1	E21				
.....	auAguacuuc	caucaggugcu	.....	2	1	E21				
.....	auuguacuuc	caucaggugcA	.....	1	1	E21				
.....	auuguacuuc	cauAaggugcu	.....	1	1	E21				
.....	auuguacuuc	caucaggugcu	.....	605	0	E21				
.....	auuguacuuc	Uucaggugcu	.....	1	1	E21				
.....	auuguacuuc	caucaggugAu	.....	1	1	E21				
.....	auGguacuuc	caucaggugcu	.....	1	1	E21				
.....	auuguacuuc	caucaggugGu	.....	1	1	E21				
.....	auuguacuuc	caucaggCgc	.....	2	1	E21				
.....	auuguacuuc	caucaggAgcu	.....	1	1	E21				
.....	auuguacuuc	caucaggugUcuc	.....	4	1	E21				
.....	auUacuuc	caucaggugcuc	.....	1	1	E21				
.....	auuguacuuc	Ccaucaggugcuc	.....	2	1	E21				
.....	auuguacuuc	caucaggugcuG	.....	2	1	E21				
.....	auuguaUuuc	caucaggugcuc	.....	2	1	E21				
.....	auuguacuuc	caucaggCgcuc	.....	5	1	E21				
.....	aAguacuuc	caucaggugcuc	.....	2	1	E21				
.....	Uuuguacuuc	caucaggugcuc	.....	2	1	E21				
.....	auuguacuuc	caucaggAgcuc	.....	7	1	E21				
.....	auuguacuuc	caucaggugA	acuc	.....	1	1	E21			
.....	auuguGcuuc	caucaggugcuc	.....	1	1	E21				
.....	auuguacuuc	caucaggugcuU	.....	7	1	E21				
.....	auAguacuuc	caucaggugcuc	.....	3	1	E21				
.....	auuguacuuc	caCaggugcuc	.....	1	1	E21				
.....	auuguacuuc	caucaggugcAc	.....	2	1	E21				
.....	auuguacuuc	caucaUgugcuc	.....	1	1	E21				
.....	auuguacuuc	caucaggugGuc	.....	2	1	E21				
.....	auuguacuuc	caucaggugcuc	.....	2308	0	E21				
.....	auuguacuuc	caucaggGgcuc	.....	2	1	E21				
.....	auuguacuuc	cauAaggugcuc	.....	1	1	E21				
.....	auuguacuuc	caucaggAgucuc	.....	1	1	E21				
.....	auuCuacuuc	caucaggugcuc	.....	1	1	E21				
.....	auuguacuuc	caucaggugcuc	.....	2	1	E21				
.....	auuguacuuc	caucaAaggugcuc	.....	1	1	E21				

Star

[illegible]

Star

ggcgcuuguuggaguacacu.....	1	0	E21
ggcgcuuguuggaguacacuu.....	63	0	E21
Ugcgcuuuguuggaguacacuaa.....	1	1	E21
ggcgcuuguuggaguacacuaa.....	31	0	E21
ggcgcuuguuggaguacacuuU.....	2	1	E21
ggcgcuuguuggaguacacuaaU.....	3	1	E21
ggcgcuuguuggaguacacuuac.....	1	0	E21
ggcgcuuguuggaguacacuuacU.....	1	1	E21
gcuuguuggaguacacuu.....	1	0	E21
gcuuguuggaguacacuaa.....	1	0	E21
gcuuguuggaguacacuaaU.....	1	1	E21
cauuguacuucaucaggug.....	1	0	H22
cauuguacuucaucaggugc.....	3	0	H22
cauuguacuucaucaggugcu.....	1	0	H22
cauuguacuucaucaggugcuc.....	2	0	H22
auuguacuucaucaggug.....	190	0	H22
auuguacuucaucaggguU.....	2	1	H22
auCguacuucaucaggug.....	1	1	H22
auuguacuucaucagAug.....	1	1	H22
auuguacuucaucaUgugc.....	2	1	H22
aCuguacuucaucaggugc.....	1	1	H22
auuguacuucUcaggugc.....	2	1	H22
auuguacuucaucaggGgc.....	3	1	H22
auuguauUuucaucaggugc.....	1	1	H22
auuguacuucauUaggugc.....	1	1	H22
auuguacuucaucaggAgc.....	2	1	H22
auAguacuucaucaggugc.....	4	1	H22
auuguacuCcaucaggugc.....	1	1	H22
auuguacuucaucUggugc.....	1	1	H22
auuguacuAcaucaggugc.....	1	1	H22
auuguacCcaucaggugc.....	1	1	H22
auuguacuucaucaggGgc.....	2	1	H22
auuguacuucaucaAgugc.....	2	1	H22
auuguacuucaucaggugA.....	7	1	H22
auuguacuucGucaggugc.....	1	1	H22
auuguacuucauAaggugc.....	1	1	H22
auuguacuucaucagCugc.....	1	1	H22
auugGacuucaucaggugc.....	2	1	H22
auuguacuucaucaggguAc.....	1	1	H22
Uuuguacuucaucaggugc.....	2	1	H22
auuAuacuucaucaggugc.....	1	1	H22
auuguacuucaucagAugc.....	1	1	H22
auugCacuucaucaggugc.....	7	1	H22
auuguacuucaucaCgugc.....	1	1	H22
auuguacuucaucaggguU.....	3	1	H22
auCguacuucaucaggugc.....	4	1	H22
auuguacGucaucaggugc.....	2	1	H22
auuUuacuucaucaggugc.....	1	1	H22
auuguUcuucaucaggugc.....	2	1	H22
auuguacuucaucaggugc.....	3573	0	H22
auGguacuucaucaggugc.....	5	1	H22
auugAacuucaucaggugc.....	4	1	H22
auuguacuucaucaggugG.....	30	1	H22
auuguacuucaucaggugAu.....	1	1	H22
auuguacuucaucaggugcu.....	653	0	H22
auuguacuucGucaggugcu.....	1	1	H22
auuguacuucaucaCgugcu.....	1	1	H22
auuguacuucaucaggguUu.....	1	1	H22
auugAacuucaucaggugcu.....	1	1	H22
auuguacuucaucaggGgcu.....	1	1	H22
auCguacuucaucaggugcu.....	1	1	H22
auuguacuucaucaggugcG.....	2	1	H22
auuguacuucaucGggugcu.....	1	1	H22
auugGacuucaucaggugcu.....	1	1	H22
auuguauUuucaucaggugcu.....	1	1	H22
auuguauAuucaucaggugcuc.....	1	1	H22
auugGacuucaucaggugcuc.....	1	1	H22
auGguacuucaucaggugcuc.....	2	1	H22
auuguacuucaucaggugcuc.....	594	0	H22



## Mature

## Star

gacacgcagcagcaccgagggccgcgcacgcccauuguacuucacagggugcucuggugauaaauaguccaggcgcuuuguaggaguacacuuaccgugugcgguuuucuu

.....auuguacuucacagCugcuc.....	1	1	H22
.....auAguacuucacagggugcuc.....	2	1	H22
.....auuguacuucacagguUcuc.....	1	1	H22
.....auuguacAucacagggugcuc.....	1	1	H22
.....auuguacuucacagggugcuA.....	1	1	H22
.....auuguacuucacagggugcuG.....	1	1	H22
.....auuguacuucacagUugcuc.....	1	1	H22
.....auuguacuucacaggCgcuc.....	1	1	H22
.....auuguacuucacagggugcuU.....	22	1	H22
.....auuguacuucacagggugcuc.....	1	1	H22
.....auuguacuucacagggugcuUu.....	1	1	H22
.....auuguacuucacagguUcucu.....	1	1	H22
.....auuguacuucacAugcucu.....	1	1	H22
.....auuguacuucacagggugcucu.....	139	0	H22
.....auGguacuucacagggugcucu.....	1	1	H22
.....auuguacuucacagggugcucug.....	37	0	H22
.....auuguacuucacagggugcucugg.....	60	0	H22
.....auuguacuucacagggugcucugU.....	25	1	H22
.....auuguacuucacGggugcucugg.....	1	1	H22
.....auuguacuucacagggugcucugA.....	4	1	H22
.....auGguacuucacagggugcucugg.....	1	1	H22
.....auuguacuucacagggugcucuggA.....	3	1	H22
.....auuguacuucacagggugcucugUu.....	7	1	H22
.....auuguacuucacagggugcucuggu.....	17	0	H22
.....auuguacuucacagggugcucuggC.....	1	1	H22
.....auuguacuucacagggugcucugguU.....	12	1	H22
.....auuguacuucacagggugcucugguC.....	2	1	H22
.....auuguacuucacagggugcucugguA.....	1	1	H22
.....auuguacuucacagggugcucuggugauaaauaguccaggcgcuuugu.....	21	0	H22
.....auuguacuucacagggugcucuggugauaaauaguccaggcgcuuuguU.....	6	1	H22
.....uuguacuucacagggugc.....	1	0	H22
.....uuguacuucacagggugcucu.....	1	0	H22
.....uacuucacagggugcucug.....	1	0	H22
.....uacuucacagggugcucugg.....	1	0	H22
.....uacuucacagggugcucugU.....	1	1	H22
.....aggcgcuuuguaggaguac.....	7	0	H22
.....aggcgcuuuguaggaguaca.....	22	0	H22
.....Gggcgcuuuguaggaguaca.....	1	1	H22
.....aggcgcuuuguaggaguacU.....	1	1	H22
.....aggcgcuuuguaggaguacac.....	7	0	H22
.....aggcgcuuuguaggaguacacu.....	24	0	H22
.....aggcgcuuuguaggaguacacGu.....	2	1	H22
.....aggcgcuuuguaggaguacGcuu.....	1	1	H22
.....aggcgcuuuguaggaguacacuC.....	2	1	H22
.....aggcgcuuuguaggaguacacuA.....	1	1	H22
.....aggcgcuuuguaggaguacacuu.....	136	0	H22
.....aggcAcuuguaggaguacacuu.....	1	1	H22
.....aggcgcuuuguaggaguacaAuua.....	1	1	H22
.....aggcgcuuuguaggaguacacuuU.....	12	1	H22
.....aggcgcuuuguaggaguacacuuua.....	37	0	H22
.....aggcgcuuuguaggaguacacuuU.....	18	1	H22
.....aggcgcuuuguaggaguacacuuA.....	9	1	H22
.....aggcgcuuuguaggaguacacuuac.....	2	0	H22
.....aggcgcuuuguaggaguacacuuacA.....	1	1	H22
.....aggcgcuuuguaggaguacacuuacc.....	1	0	H22
.....aggcgcuuuguaggaguacacuuacU.....	2	1	H22
.....ggcgcuuuguaggaguaca.....	2	0	H22
.....ggcgcuuuguaggaguacac.....	2	0	H22
.....ggcgcuuuguaggaguacacu.....	4	0	H22
.....ggUgcuuguaggaguacacuu.....	1	1	H22
.....ggcgcuuuguaggaguacacuu.....	58	0	H22
.....ggcgcuuuguaggaguacacuuua.....	66	0	H22
.....ggcgcuuuguaggaguacacuuU.....	6	1	H22
.....ggcgcuuuguaggaguacacuuAa.....	1	1	H22
.....ggcgcuuuguaggaguacacuuuA.....	1	1	H22
.....ggcgcuuuguaggaguacacuuac.....	1	0	H22
.....ggcgcuuuguaggaguacacuuuU.....	12	1	H22
.....cgcuuguaggaguacacuuua.....	2	0	H22
.....gcuuuguaggaguacacuuua.....	3	0	H22
.....gcuuuguaggaguacacuuuU.....	1	1	H22

## Mature

## Star

gacacgcagcagcaccgagggccgccgcacgcccauuguacuuccaucaggugcucuggugauaauguuccaggcgcuuuguaggaguacacuuaccguguuggcgguuuuuuuu

.cauuguacuuc <u>caucaggugc</u> .....	5	0	H64
.cauuguacuuc <u>caucaggugcu</u> .....	5	0	H64
.cauuguacuuc <u>caucaggugcucugg</u> .....	1	0	H64
.auuguacuuc <u>caucaggug</u> .....	67	0	H64
.auuguacuuc <u>cauGaggugc</u> .....	1	1	H64
.auuguacu <u>Ac</u> <u>caucaggugc</u> .....	2	1	H64
.Uuuguacuuc <u>caucaggugc</u> .....	1	1	H64
.auuguacuuc <u>caucaggugU</u> .....	7	1	H64
.auuguUcuuc <u>caucaggugc</u> .....	2	1	H64
.auuguacuuc <u>caucagAugc</u> .....	2	1	H64
.auuguacuuc <u>caucaggUCc</u> .....	1	1	H64
.auugGacuuc <u>caucaggugc</u> .....	1	1	H64
.auuguacuuc <u>caucaggUc</u> .....	1	1	H64
.auugCacuuc <u>caucaggugc</u> .....	6	1	H64
.auuguacu <u>Ac</u> <u>caucaggugc</u> .....	1	1	H64
.auCGuacuuc <u>caucaggugc</u> .....	4	1	H64
.auuguacuuc <u>caucaggugG</u> .....	18	1	H64
.auuguacuuc <u>caucaggugA</u> .....	4	1	H64
.auuguacuuc <u>cauAaggugc</u> .....	1	1	H64
.auuguacuuc <u>caucaCgugc</u> .....	1	1	H64
.auuguacuuc <u>caucUggugc</u> .....	1	1	H64
.auuguacuuc <u>caucaggugc</u> .....	3256	0	H64
.auugAacuuc <u>caucaggugc</u> .....	1	1	H64
.auGguacuuc <u>caucaggugc</u> .....	9	1	H64
.auuguacuuc <u>caucaUgugc</u> .....	1	1	H64
.auAguacuuc <u>caucaggugc</u> .....	6	1	H64
.auuguacuuc <u>cauUaggugc</u> .....	1	1	H64
.auuguacuuc <u>caucaggCgc</u> .....	2	1	H64
.Guuguacuuc <u>caucaggugc</u> .....	1	1	H64
.auuguacGu <u>caucaggugc</u> .....	3	1	H64
.auuguacuC <u>caucaggugc</u> .....	2	1	H64
.auuguacuuc <u>caucaAugc</u> .....	5	1	H64
.auuguaA <u>u</u> <u>caucaggugc</u> .....	1	1	H64
.auuguacuuc <u>caucagUugc</u> .....	1	1	H64
.auuguacuuc <u>caucCggugc</u> .....	1	1	H64
.auuguacuuc <u>caucaggugAu</u> .....	1	1	H64
.auuguacuuc <u>caucaggugGu</u> .....	1	1	H64
.auuguacuuc <u>caucaggugcG</u> .....	1	1	H64
.auugCacuuc <u>caucaggugcu</u> .....	1	1	H64
.auuguacuuc <u>caucaggAgcu</u> .....	1	1	H64
.auGguacuuc <u>caucaggugcu</u> .....	1	1	H64
.Uuuguacuuc <u>caucaggugcu</u> .....	1	1	H64
.Guuguacuuc <u>caucaggugcu</u> .....	1	1	H64
.auuguacuuc <u>caucaggugcu</u> .....	682	0	H64
.auuguacuuc <u>caucaCgugcu</u> .....	1	1	H64
.auuguacuuc <u>caucaggCgcu</u> .....	1	1	H64
.auugAacuuc <u>caucaggugcu</u> .....	1	1	H64
.auugGacuuc <u>caucaggugcu</u> .....	1	1	H64
.auuguacuuc <u>caucagUugcu</u> .....	2	1	H64
.auugGacuuc <u>caucaggugcuc</u> .....	1	1	H64
.auuguacuuc <u>caucaggugcuc</u> .....	393	0	H64
.auuguacuuc <u>caucaggugcuG</u> .....	2	1	H64
.auuguacuuc <u>caucaggugcuU</u> .....	37	1	H64
.auuguacuuc <u>caucaggugcuA</u> .....	5	1	H64
.Uuuguacuuc <u>caucaggugcuc</u> .....	2	1	H64
.auuguacuuc <u>caucagAugcuc</u> .....	1	1	H64
.auuguacuuc <u>caucaUgugcucu</u> .....	1	1	H64
.auuguacuuc <u>caucaggugcuAu</u> .....	1	1	H64
.auuguacuuc <u>caucaggugcCcu</u> .....	1	1	H64
.auugAacuuc <u>caucaggugcucu</u> .....	1	1	H64
.aCuuguacuuc <u>caucaggugcucu</u> .....	1	1	H64
.auuguacuuc <u>caucaggugcuUu</u> .....	5	1	H64
.auuguacuuc <u>caucaggugGucu</u> .....	1	1	H64
.auuguacuuc <u>caucagguUcucu</u> .....	1	1	H64
.auuguacuuc <u>caucaggugcucu</u> .....	252	0	H64
.auuguacuuc <u>caucaggugcucug</u> .....	75	0	H64
.auuguacuuc <u>caucaggGgcucug</u> .....	1	1	H64
.auuguacuuc <u>caucaggugcuUug</u> .....	1	1	H64
.auuguacuuc <u>caucaggugcAcugg</u> .....	1	1	H64

## Mature

## Star

gacacgcagcagcaccgagggccgcgcacgccc	auuguacu	caucaggugcu	cugugugau	aauguuccaggc	gcuuuguaggaguacacuu	accgugugcgguuuuuuu			
.....	auuguacu	Acaucaggugcucugg	.....				1	1	H64
.....	auugu	Gcuucaucaggugcucugg	.....				1	1	H64
.....	auuguacu	caucaggugcucugg	.....				518	0	H64
.....	auuguacu	caucaggugcucug	.....				1	1	H64
.....	auAguacu	caucaggugcucugg	.....				2	1	H64
.....	auuguacu	caucaggugcucugU	.....				60	1	H64
.....	auug	Cacucaucaggugcucugg	.....				1	1	H64
.....	auuguacu	caucaCgugcucugg	.....				1	1	H64
.....	auuguacu	caucaggugAucugg	.....				2	1	H64
.....	auuguacu	caucaggGgcucugg	.....				1	1	H64
.....	auuguacu	caucaAgugcucugg	.....				1	1	H64
.....	auuguac	Gucaucaggugcucugg	.....				1	1	H64
.....	auuguacu	caucaggugcucugA	.....				19	1	H64
.....	Uuuguacu	caucaggugcucugg	.....				1	1	H64
.....	auuguacu	caucaggAgcucugg	.....				1	1	H64
.....	auuguacu	caucaggugcucuCg	.....				1	1	H64
.....	auuguacu	caucaggugcucuggC	.....				7	1	H64
.....	auuguacu	caucaggugcucugGA	.....				8	1	H64
.....	auuguacu	caucaggugcucugUu	.....				23	1	H64
.....	auuguacu	caucaucaggugcuAuggu	.....				1	1	H64
.....	auuguacu	caucaggugcucuggu	.....				49	0	H64
.....	auuguacu	caucaggugcucugCu	.....				5	1	H64
.....	auuguacu	caAacaggugcucuggu	.....				1	1	H64
.....	auuguacu	caucaucaggugAucuggu	.....				1	1	H64
.....	auuguacu	caucaucaggugcucugguU	.....				17	1	H64
.....	auuguacu	caucaucaggugcucugguA	.....				2	1	H64
.....	auuguacu	caucaucaggugcucugguC	.....				1	1	H64
.....	auuguacu	caucaucaggugcucugguAa	.....				2	1	H64
.....	auuguacu	caucaucaggugcucugguUau	.....				1	1	H64
.....	auuguacu	caucaucaggugcucuggugau	aaaguuccaggcgcuuguu	.....			2	0	H64
.....	auuguacu	caucaucaggugcucuggugau	aaaguuccaggcgcuuguuA	.....			1	1	H64
.....	auuguacu	caucaucaggugcucuggugau	aaaguuccaggcgcuuguuU	.....			1	1	H64
.....	uuguacu	caucaucaggugcu	.....				1	0	H64
.....	uuguacu	caucaucaggugcucugg	.....				1	0	H64
.....	uuguacu	caucaucaggugcucuggA	.....				1	1	H64
.....	uacu	caucaggugGucu	.....				1	1	H64
.....	uacu	caucaggugcucu	.....				3	0	H64
.....	uacu	caucaggugcucug	.....				1	0	H64
.....	uaGu	caucaggugcucugg	.....				1	1	H64
.....	uacu	caucaggugcucugg	.....				19	0	H64
.....	uacu	caucaggugcAcugg	.....				1	1	H64
.....	uacu	caucaggugGucugg	.....				1	1	H64
.....	uacu	caucaggugcucugU	.....				1	1	H64
.....	Aacu	caucaggugcucugg	.....				3	1	H64
.....	uacu	caucaggugcucugguU	.....				1	1	H64
.....	aggcgcu	uguaggaguac	.....				3	0	H64
.....	aggcgcu	uguaggaguacU	.....				2	1	H64
.....	aggcgcu	Gguaggaguaca	.....				1	1	H64
.....	aggcgcu	uguaggaguaca	.....				13	0	H64
.....	aggcgcu	uguaggaguacaA	.....				1	1	H64
.....	aggcgcu	uguaggaguacac	.....				5	0	H64
.....	aggcgcu	uguaggaguacacu	.....				23	0	H64
.....	aggcgcu	uguaggaguacGcu	.....				1	1	H64
.....	aggcgcu	uguaggaguacacuu	.....				80	0	H64
.....	aggA	guuguaggaguacacuu	.....				1	1	H64
.....	aggcgcu	Aguaggaguacacuu	.....				1	1	H64
.....	aggcgcu	uguaggaguacacuua	.....				48	0	H64
.....	aggcgcu	uguaggauuacacuua	.....				1	1	H64
.....	aggcgcu	uguaggaguacacuuC	.....				2	1	H64
.....	aggcgcu	uguaggaguacacuuU	.....				2	1	H64
.....	aggcgcu	uguaggaguacacuuaA	.....				3	1	H64
.....	aggcgcu	uguaggaguacacuuac	.....				18	0	H64
.....	aggcgcu	uguaggaguacacuuaU	.....				11	1	H64
.....	ggcgcu	uguaggaguacacA	.....				1	1	H64
.....	ggcgcu	uguaggaguacacu	.....				2	0	H64
.....	ggU	guuguaggaguacacuu	.....				1	1	H64
.....	ggcgcu	uguaggaguacacuu	.....				39	0	H64
.....	ggcgcu	uguaggaguacacuua	.....				40	0	H64
.....	ggcgcu	uguaggaguacacuuU	.....				3	1	H64
.....	ggcgcu	uguaggaguacacuuaA	.....				4	1	H64

## Mature

## Star

gacacgcagcagcaccgagggccgccgcacgcccauugua <u>cuu</u> cau <u>caggug</u> cu <u>cug</u> gugau <u>aa</u> uag <u>u</u> ccaggcgcuu <u>g</u> u <u>gg</u> ag <u>a</u> ca <u>c</u> uu <u>a</u> ccgug <u>u</u> g <u>gc</u> gguuuuuuu			
.....ggcgc <u>uu</u> g <u>u</u> g <u>g</u> gag <u>a</u> ca <u>c</u> uu <u>a</u> c.....	1	0	H64
.....ggcgc <u>uu</u> g <u>u</u> g <u>g</u> gag <u>a</u> ca <u>c</u> uu <u>a</u> U.....	5	1	H64
.....gcuu <u>g</u> u <u>g</u> gag <u>a</u> ca <u>c</u> uu <u>a</u> .....	2	0	H64
.....gcuu <u>g</u> u <u>g</u> gag <u>a</u> ca <u>c</u> uu <u>a</u> U.....	1	1	H64
.....cauugua <u>cuu</u> cau <u>caggug</u> c.....	8	0	H33
.....cauugua <u>cuu</u> cau <u>caggug</u> cu.....	2	0	H33
.....cauugua <u>cuu</u> cau <u>caggug</u> cuc.....	1	0	H33
.....auCguacu <u>uu</u> cau <u>caggug</u> .....	1	1	H33
.....auugua <u>cuu</u> cau <u>cagg</u> uC.....	1	1	H33
.....Uuugua <u>cuu</u> cau <u>caggug</u> .....	1	1	H33
.....auugua <u>cuu</u> cau <u>caggug</u> .....	105	0	H33
.....auugua <u>cuu</u> cau <u>cagg</u> uA.....	1	1	H33
.....auAguacu <u>uu</u> cau <u>caggug</u> c.....	8	1	H33
.....auugAacu <u>uu</u> cau <u>caggug</u> c.....	4	1	H33
.....auugua <u>c</u> Cucau <u>caggug</u> c.....	1	1	H33
.....auugua <u>cuu</u> cU <u>caggug</u> c.....	1	1	H33
.....auugua <u>cuu</u> cGu <u>caggug</u> c.....	1	1	H33
.....auugua <u>cuu</u> cau <u>caggug</u> c.....	2921	0	H33
.....auugua <u>cuu</u> cau <u>c</u> U <u>ggug</u> c.....	1	1	H33
.....auugCacu <u>uu</u> cau <u>caggug</u> c.....	1	1	H33
.....auCguacu <u>uu</u> cau <u>caggug</u> c.....	2	1	H33
.....auugua <u>cuu</u> cCu <u>caggug</u> c.....	1	1	H33
.....auugua <u>cuu</u> cau <u>c</u> Gu <u>c</u> .....	2	1	H33
.....auugua <u>cuu</u> cau <u>cagg</u> Agc.....	1	1	H33
.....auugua <u>cuu</u> caA <u>caggug</u> c.....	1	1	H33
.....auugua <u>cuu</u> cau <u>cag</u> Augc.....	2	1	H33
.....auuAuacu <u>uu</u> cau <u>caggug</u> c.....	1	1	H33
.....auugua <u>c</u> Gucau <u>caggug</u> c.....	1	1	H33
.....auugua <u>cuu</u> cau <u>cag</u> Uugc.....	1	1	H33
.....auugua <u>cuu</u> cau <u>cagg</u> Cgc.....	2	1	H33
.....auGguacu <u>uu</u> cau <u>caggug</u> c.....	7	1	H33
.....auugua <u>cuu</u> cau <u>caggug</u> U.....	1	1	H33
.....auugua <u>cuu</u> cauA <u>aggug</u> c.....	2	1	H33
.....auugua <u>cuu</u> cau <u>caggu</u> Uc.....	2	1	H33
.....auugua <u>cuu</u> cau <u>c</u> U <u>ug</u> c.....	1	1	H33
.....auugua <u>cuu</u> caC <u>caggug</u> c.....	2	1	H33
.....auugua <u>cuu</u> cau <u>cagg</u> Ggc.....	4	1	H33
.....auugua <u>cuu</u> cau <u>caggug</u> G.....	11	1	H33
.....auugGacu <u>uu</u> cau <u>caggug</u> c.....	1	1	H33
.....auugua <u>cuu</u> cau <u>cA</u> ugc.....	1	1	H33
.....auugua <u>cuu</u> cau <u>cagg</u> uA.....	7	1	H33
.....aCuguacu <u>uu</u> cau <u>caggug</u> cu.....	1	1	H33
.....auugua <u>cuu</u> cau <u>caggu</u> A <u>cu</u> .....	1	1	H33
.....auugua <u>cuu</u> cau <u>caggug</u> cu.....	703	0	H33
.....auugAacu <u>uu</u> cau <u>caggug</u> cu.....	1	1	H33
.....auugua <u>cuu</u> cau <u>caggug</u> Uu.....	1	1	H33
.....auugua <u>cuu</u> cau <u>cagg</u> Ggc.....	1	1	H33
.....auugua <u>cuu</u> cau <u>caggug</u> Au.....	1	1	H33
.....auugua <u>cuu</u> cau <u>cag</u> Augcu.....	1	1	H33
.....auAguacu <u>uu</u> cau <u>caggug</u> c.....	1	1	H33
.....auugua <u>cuu</u> cau <u>caggug</u> cG.....	2	1	H33
.....auugua <u>cuu</u> cau <u>cag</u> Uugcu.....	4	1	H33
.....auugua <u>cuu</u> cau <u>caggug</u> Gu.....	1	1	H33
.....auugua <u>cuu</u> cau <u>caggug</u> cA.....	1	1	H33
.....auuUacu <u>uu</u> cau <u>caggug</u> cu.....	1	1	H33
.....auugGacu <u>uu</u> cau <u>caggug</u> cu.....	2	1	H33
.....auugua <u>c</u> Cucau <u>caggug</u> cu.....	1	1	H33
.....Guugua <u>cuu</u> cau <u>caggug</u> cu.....	1	1	H33
.....auugua <u>cuu</u> cauA <u>aggug</u> cu.....	1	1	H33
.....auugCacu <u>uu</u> cau <u>caggug</u> cu.....	2	1	H33
.....auugua <u>c</u> Au <u>caggug</u> cu.....	1	1	H33
.....Guugua <u>cuu</u> cau <u>caggug</u> cuc.....	1	1	H33
.....auugAacu <u>uu</u> cau <u>caggug</u> cuc.....	1	1	H33
.....auugua <u>cuu</u> cau <u>caggug</u> cuU.....	23	1	H33
.....auugCacu <u>uu</u> cau <u>caggug</u> cuc.....	1	1	H33
.....auugua <u>cuu</u> cau <u>caggug</u> cuG.....	1	1	H33
.....auugua <u>cuu</u> cauA <u>aggug</u> cuc.....	1	1	H33
.....auugua <u>cuu</u> cau <u>caggug</u> cuc.....	359	0	H33
.....auugua <u>cuu</u> cau <u>caggug</u> cCc.....	1	1	H33

## Mature

## Star

gacacgcagcagcaccgagggccgcgcacgcccauuguacuucacagggucucugggugauaauaguccaggcgcuuguuggaguacacuuaccgugugcgguuuuuuu

.....auGguacuucacagggucuc.....	1	1	H33
.....auuguacuucacagUugcuc.....	1	1	H33
.....auuguacGucaucagggucuc.....	1	1	H33
.....auuguacuucacagggugGuc.....	1	1	H33
.....auuguacuucacaggaGgcucu.....	1	1	H33
.....auuguacuucacagggucUu.....	2	1	H33
.....auuguaUuucaucagggucucu.....	1	1	H33
.....auuguacuucacagggucucC.....	1	1	H33
.....auuguacuucacagggucucu.....	98	0	H33
.....auuguacuucacagggucucug.....	37	0	H33
.....auuguGcuucacagggucucugg.....	1	1	H33
.....auuguacuucacagggucucugU.....	31	1	H33
.....Guuguacuucacagggucucugg.....	1	1	H33
.....auuguacuucacaggaGgcucugg.....	1	1	H33
.....auuguacuucacuaAgugcucugg.....	1	1	H33
.....auuguacuucacagggucucugg.....	167	0	H33
.....auuguacuucacagggugAucugg.....	1	1	H33
.....auuguacuucacagggucugGgg.....	1	1	H33
.....auuguacuucacagggucucugA.....	55	1	H33
.....auCguacuucacagggucucugg.....	1	1	H33
.....auuguacuucacagguUcucugg.....	1	1	H33
.....auuguacuucacagggucucugAu.....	1	1	H33
.....auuguacuucacagggucucugUu.....	7	1	H33
.....aCuguacuucacagggucucuggu.....	1	1	H33
.....auuguacuucacagggucucuggG.....	1	1	H33
.....auuguacuucacagggucucugCu.....	1	1	H33
.....auuguacuucacagggucucuggu.....	27	0	H33
.....auuguacuucacagggucucuggC.....	15	1	H33
.....auuguacuucacagggucucuggA.....	20	1	H33
.....auuguacuucacagggucucugguU.....	11	1	H33
.....auuguacuucacagggucucugguA.....	4	1	H33
.....auuguacuucacagggucucugguAa.....	1	1	H33
.....auuguacuucacagggucucugguUau.....	1	1	H33
.....auuguacuucacagggucucuggugauaa <u>uaguccaggcgc</u> uuguu.....	7	0	H33
.....auuguacuucacagguUcucugggugauaa <u>uaguccaggcgc</u> uuguu.....	1	1	H33
.....auuguacuucacagggucucuggugauaa <u>uaguccaggcgc</u> uuguuU.....	1	1	H33
.....uuguacuucacaggguc.....	1	0	H33
.....uuguacuucacaggguc.....	1	0	H33
.....uuguacuucacagggucucuggu.....	1	0	H33
.....uguacuucacagggucucu.....	1	0	H33
.....uacuucacagggucucu.....	2	0	H33
.....uacuucacagggucucugg.....	4	0	H33
.....uacuucacagggucucugU.....	2	1	H33
.....uacuucacagggucucugA.....	2	1	H33
.....uacuucacagggucucugguU.....	1	1	H33
.....caggcgc <u>uuguaggaguacacuu</u> U.....	1	1	H33
.....aggcgc <u>uuguaggaguac</u> .....	1	0	H33
.....Gggcgc <u>uuguaggaguac</u> .....	2	1	H33
.....aggcgc <u>uuguaggaguac</u> a.....	14	0	H33
.....aggcgc <u>uuguaggaguac</u> aC.....	11	0	H33
.....aggcgc <u>uugCuggaguacacu</u> .....	1	1	H33
.....aggcgc <u>uuguaggaguacacu</u> .....	11	0	H33
.....aggcgc <u>uuguaggaguac</u> aC <u>Au</u> .....	1	1	H33
.....aggcgc <u>uuguaggaguacacuu</u> .....	82	0	H33
.....aggcgc <u>uuguaggaguac</u> aGuu.....	1	1	H33
.....agAcgc <u>uuguaggaguacacuu</u> .....	1	1	H33
.....agCcgc <u>uuguaggaguacacu</u> .....	1	1	H33
.....aggcgc <u>uuguaggaguacacu</u> U.....	4	1	H33
.....aggcgc <u>uuguaggaguacacu</u> u.....	21	0	H33
.....aggcgc <u>uuguaggaguacacu</u> aU.....	14	1	H33
.....aggcgc <u>uuguaggaguacacu</u> aA.....	1	1	H33
.....aggcgc <u>uuguaggaguacacu</u> ac.....	1	0	H33
.....aggcgc <u>uuguaggaguacacu</u> acU.....	1	1	H33
.....ggcgc <u>uuguaggaguac</u> a.....	2	0	H33
.....ggcgc <u>uuguaggaguacacu</u> .....	1	0	H33
.....ggcgc <u>uuguaggaguacacu</u> .....	24	0	H33
.....ggcgc <u>uuguaggUguacacu</u> .....	1	1	H33
.....ggcgc <u>uuguaggaguacacu</u> U.....	7	1	H33
.....ggcgc <u>uuguaggaguacacu</u> a.....	22	0	H33
.....ggcgc <u>uuguaggaguacacu</u> C.....	1	1	H33

## Mature

## Star

gacacgcagcagcaccgagggccgccgcacgccc	auuguacuuc	aucaggugcu	cuggugau	aauguuccaggc	gcuuguaggaguacacuu	accguguugcgguuuuuuuuu			
.....	.....	ggcgc	uuuguaggaguacacuu	aa	.....	3	1	H33	
.....	.....	ggcgc	uuuguaggaguacacuu	U	.....	1	1	H33	
.....	.....	cgcuugu	aggaguacacuu	.....	.....	2	0	H33	
.....	Ucauuguacuuc	aucaggugc	.....	.....	.....	1	1	H53	
.....	cauuguacuuc	aucaggugc	.....	.....	.....	4	0	H53	
.....	cauuguacuuc	aucaggugcu	.....	.....	.....	5	0	H53	
.....	cauuguacuuc	aucaggugcuc	.....	.....	.....	2	0	H53	
.....	cauuguacuuc	aucaggugcucugg	.....	.....	.....	1	0	H53	
.....	cauuguacuuc	aucaggugcucugA	.....	.....	.....	1	1	H53	
.....	cauuguacuuc	aucaggugcucuggA	.....	.....	.....	1	1	H53	
.....	auGguacuuc	aucaggug	.....	.....	.....	2	1	H53	
.....	auuguacuuc	aucaggug	.....	.....	.....	217	0	H53	
.....	auuguacuuc	aucaCgug	.....	.....	.....	1	1	H53	
.....	auuguacuuc	aucaggAg	.....	.....	.....	1	1	H53	
.....	auugAacuuc	aucaggug	.....	.....	.....	1	1	H53	
.....	auuguacuuc	aucaUgugc	.....	.....	.....	5	1	H53	
.....	auuguacuuc	aucaggugA	.....	.....	.....	9	1	H53	
.....	aCguacuuc	aucaggugc	.....	.....	.....	1	1	H53	
.....	auugCacuuc	aucaggugc	.....	.....	.....	5	1	H53	
.....	auuguacuuc	aucaggAgc	.....	.....	.....	8	1	H53	
.....	auuguacuuc	aucUggugc	.....	.....	.....	2	1	H53	
.....	auuguacuuc	auUaggugc	.....	.....	.....	1	1	H53	
.....	auuguacuuc	aucaggugc	.....	.....	.....	4853	0	H53	
.....	auuguacuuc	aucUggugc	.....	.....	.....	1	1	H53	
.....	auuguacuuc	aucaggugU	.....	.....	.....	8	1	H53	
.....	auuguacuuc	aucaggugG	.....	.....	.....	25	1	H53	
.....	auuguacuuc	aucagUugc	.....	.....	.....	2	1	H53	
.....	auuguacu	Ccaucaggugc	.....	.....	.....	1	1	H53	
.....	auGguacuuc	aucaggugc	.....	.....	.....	4	1	H53	
.....	auuguacuuc	aCaggugc	.....	.....	.....	3	1	H53	
.....	auCguacuuc	aucaggugc	.....	.....	.....	6	1	H53	
.....	auuguac	Gucaucaggugc	.....	.....	.....	2	1	H53	
.....	auuguUcuuc	aucaggugc	.....	.....	.....	1	1	H53	
.....	auuguGcuuc	aucaggugc	.....	.....	.....	1	1	H53	
.....	auuguacu	uuUaucaggugc	.....	.....	.....	1	1	H53	
.....	auuguacuuc	aucaAgugc	.....	.....	.....	2	1	H53	
.....	auuguac	Aucaucaggugc	.....	.....	.....	1	1	H53	
.....	auuguacuuc	aucaggCgc	.....	.....	.....	9	1	H53	
.....	auuguac	Cucaucaggugc	.....	.....	.....	3	1	H53	
.....	auuUuacuuc	aucaggugc	.....	.....	.....	1	1	H53	
.....	auugGacuuc	aucaggugc	.....	.....	.....	3	1	H53	
.....	auugAacuuc	aucaggugc	.....	.....	.....	5	1	H53	
.....	auuguacuuc	auAaggugc	.....	.....	.....	2	1	H53	
.....	auAguacuuc	aucaggugc	.....	.....	.....	2	1	H53	
.....	Guuguacuuc	aucaggugc	.....	.....	.....	1	1	H53	
.....	auuguacuuc	aucaCgugc	.....	.....	.....	2	1	H53	
.....	auuguacuuc	aucaggGgc	.....	.....	.....	1	1	H53	
.....	auuguacu	uuAaucaggugc	.....	.....	.....	2	1	H53	
.....	auuguacu	uuGaucaggugc	.....	.....	.....	2	1	H53	
.....	auuguacuuc	aucagguCcu	.....	.....	.....	1	1	H53	
.....	auuguacuuc	aCaggugcu	.....	.....	.....	1	1	H53	
.....	auuguUcuuc	aucaggugcu	.....	.....	.....	1	1	H53	
.....	auuguacuuc	aucUggugcu	.....	.....	.....	1	1	H53	
.....	auuguac	Cucaucaggugcu	.....	.....	.....	1	1	H53	
.....	auuguacuuc	aucaggugUu	.....	.....	.....	2	1	H53	
.....	auuguacuuc	aucaggCgcu	.....	.....	.....	3	1	H53	
.....	auGguacuuc	aucaggugcu	.....	.....	.....	2	1	H53	
.....	auuguacuuc	auGaggugcu	.....	.....	.....	1	1	H53	
.....	auuguacuuc	aucaUgugcu	.....	.....	.....	1	1	H53	
.....	auuAuacuuc	aucaggugcu	.....	.....	.....	1	1	H53	
.....	auugCacuuc	aucaggugcu	.....	.....	.....	1	1	H53	
.....	auuguacuuc	aucaCgugcu	.....	.....	.....	1	1	H53	
.....	auuguacuuc	aucaggugcG	.....	.....	.....	1	1	H53	
.....	auuguacuuc	aucaggAgcu	.....	.....	.....	1	1	H53	
.....	auuguacuuc	aucaggugGu	.....	.....	.....	1	1	H53	
.....	auuguacuuc	aucaggugcu	.....	.....	.....	949	0	H53	
.....	auuguacuuc	aucaggugcuc	.....	.....	.....	391	0	H53	
.....	auGguacuuc	aucaggugcuc	.....	.....	.....	1	1	H53	
.....	auuguacuuc	aucaggugcuU	.....	.....	.....	50	1	H53	

## Mature

## Star

gacacgcagcagcaccgagggccgcgcacgccc	auuguacuucacucaggugcucugggugauaaauaguccaggcgc	uuuguaggaguacacuuaccguguggcgguuuuuuuu			
.....	auuguacuucacucaggugUuc.....		1	1	H53
.....	auuguacuucacucaggugcuA.....		4	1	H53
.....	auugAacuucacucaggugcuc.....		1	1	H53
.....	auuguacuucacucaggugGuc.....		1	1	H53
.....	auuguacGucaucaggugcuc.....		1	1	H53
.....	auuguacuucUucaggugcuc.....		1	1	H53
.....	auugGacuucacucaggugcuc.....		1	1	H53
.....	auuguacuucacucagguUcuc.....		1	1	H53
.....	auuguacuucacucaggugcuUu.....		5	1	H53
.....	Uuuguacuucacucaggugcucu.....		1	1	H53
.....	auuguacuucacucaggugcucu.....		56	0	H53
.....	auuguacuucacucaggugcucug.....		32	0	H53
.....	auuguacuucacucaggugAucug.....		1	1	H53
.....	auuguacuucacucaggugcucugA.....		160	1	H53
.....	auugAacuucacucaggugcucugg.....		1	1	H53
.....	auuguacuucacucaggugcucugU.....		68	1	H53
.....	auGguacuucacucaggugcucugg.....		1	1	H53
.....	auugCacuucacucaggugcucugg.....		1	1	H53
.....	auuguacuucacucaggugcucugC.....		1	1	H53
.....	auuguacuucacucaggugcucugg.....		102	0	H53
.....	auuguacuAcaucaggugcucugg.....		1	1	H53
.....	auuguacuucacucaggugcucuggC.....		20	1	H53
.....	auuguacuucacucaggugcucugCu.....		4	1	H53
.....	auuguacuucacucaggugcucuggu.....		53	0	H53
.....	auuguacuucacucaggugcucugUu.....		22	1	H53
.....	auuguacuucacucaggugcucuggA.....		45	1	H53
.....	auuguacuucacucaggugcucugAu.....		2	1	H53
.....	auuguacuucacucaggugcucugguA.....		3	1	H53
.....	auuguacuucacucaggugcucugguU.....		14	1	H53
.....	auuguacuucacucaggugcucugguUau.....		1	1	H53
.....	auuguacuucacucaggugcucuggugauaaauaguccaggcgcuguu.....		5	0	H53
.....	auuguacuucacucaggugcucuggugauaaauaguccaggcgcuguuU.....		1	1	H53
.....	uguacuucacucaggugcucuggA.....		1	1	H53
.....	guacuucacucaggugcucugU.....		1	1	H53
.....	uacuucacucaggugcucu.....		2	0	H53
.....	uacuucacucaggugcucugg.....		2	0	H53
.....	uacuucacucaggugcucugU.....		1	1	H53
.....	uacuucacucaggugcucuggu.....		3	0	H53
.....	aggcgcuuuguaggaguac.....		4	0	H53
.....	aggcgcuuuguaggaguacU.....		2	1	H53
.....	aggcgcuuCuuggaguaca.....		1	1	H53
.....	aggcgcuuuguaggaguaca.....		25	0	H53
.....	aggcgcuuuguaggaguacGc.....		1	1	H53
.....	aggcgcuuuguaggaguacaA.....		1	1	H53
.....	aggcgcuuuguaggaguacac.....		14	0	H53
.....	aggcUcuuguaggaguacacu.....		1	1	H53
.....	aggcgcuuuguaggaguacacA.....		1	1	H53
.....	aggcgcuuuguaggaguacacG.....		1	1	H53
.....	aggcgcuuuguaggaguacacu.....		51	0	H53
.....	aggcgcuuuguaggGguacacu.....		1	1	H53
.....	aggcAcuuguaggaguacacuu.....		1	1	H53
.....	aggcgcuuuguaggaguacacuu.....		140	0	H53
.....	aggcgcuuuguaggaguacCCuu.....		1	1	H53
.....	aggcgcuuuguaggaguacUcuu.....		1	1	H53
.....	aggcgcuuuguaggAauacacua.....		1	1	H53
.....	aggcgcuuuguaggaguacacua.....		46	0	H53
.....	aggcgcuuuguaggaguacacuU.....		9	1	H53
.....	aggcgcuuuguaggaguacacuG.....		2	1	H53
.....	aggcgcuuuguaggaguacacuC.....		1	1	H53
.....	aggcgcuuuguaggaguacacuac.....		3	0	H53
.....	aggcgcuuuguaggaguacacuua.....		16	1	H53
.....	aggcgcuuuguaggaguacacuuaA.....		4	1	H53
.....	ggcgcuuuguaggaguaca.....		6	0	H53
.....	ggcgcuuuguaggaguacac.....		2	0	H53
.....	ggcgcuuuguaggaguacacu.....		11	0	H53
.....	ggcgcuuuguaggaguuaUacu.....		2	1	H53
.....	ggcgcuuuguaggaguacacuu.....		48	0	H53
.....	ggcgcuuuguaggagGacacuu.....		1	1	H53
.....	ggcgcuuuguaggaguacacuU.....		2	1	H53
.....	ggcgcuuuguaggaguacacua.....		28	0	H53

Star

[illegible]



## Mature

## Star

gacacgcagcagcaccgagggccgcccgcacgcccauuguacuucaucaggugcucuggugauaaauaguuccaggcgcuuguuggaguacacuuaccguguugcgguuuuuuu

.auuguacuuc <u>aucaggug</u> .....	6	0	R74
.auugG <u>acuuc</u> <u>aucaggugc</u> .....	1	1	R74
.auuguacuuc <u>aucaggugc</u> .....	51	0	R74
.Cuuguacuuc <u>aucaggugc</u> .....	1	1	R74
.auuguacuuc <u>aucaggugcu</u> .....	39	0	R74
.Cuuguacuuc <u>aucaggugcu</u> .....	1	1	R74
.auC <u>guacuuc</u> <u>aucaggugcu</u> .....	1	1	R74
.auuguacuuc <u>aucaggugcuU</u> .....	2	1	R74
.auG <u>guacuuc</u> <u>aucaggugcuc</u> .....	1	1	R74
.auA <u>guacuuc</u> <u>aucaggugcuc</u> .....	1	1	R74
.auuguacuuc <u>aucaggugcuc</u> .....	43	0	R74
.auuguacuuc <u>aucaggugcucu</u> .....	6	0	R74
.auuguacuuc <u>aucaggugcucug</u> .....	1	0	R74
.auuguacuuc <u>aucaggugcucugg</u> .....	11	0	R74
.auuguacuuc <u>aucaggugcucugA</u> .....	20	1	R74
.auuguacuuc <u>aucaggugcucugU</u> .....	5	1	R74
.auuguacuuc <u>aucaU</u> <u>gugcucugg</u> .....	1	1	R74
.auuguacuuc <u>aucaggugcucugUu</u> .....	1	1	R74
.auuguacuuc <u>aucaggugcucuggA</u> .....	1	1	R74
.auuguacuuc <u>aucaggugcucuggu</u> .....	2	0	R74
.auuguacuuc <u>aucaggugcucuggC</u> .....	1	1	R74
. . . . .uacuuc <u>aucaggugcucugA</u> .....	1	1	R74
. . . . .aggcgcuuguugg <u>aguac</u> .....	1	0	R74
. . . . .aggcgcuuguugg <u>aguacac</u> .....	1	0	R74
. . . . .aggcgcuuguugg <u>aguacacu</u> .....	1	0	R74
. . . . .aggcgcuuguugg <u>aguacacuu</u> .....	1	0	R74
. . . . .ggcgcuuguugg <u>aguacacu</u> .....	2	0	R74
. . . . .ggcgcuuguugg <u>aguacacuu</u> .....	1	0	R74
. . . . .ggcgcuuguugg <u>aguacacuuU</u> .....	1	1	R74
. . . . .cauuguacuuc <u>aucaggugc</u> .....	1	0	H01
. . . . .cauuguacuuc <u>aucaggugcu</u> .....	4	0	H01
. . . . .cauuguacuuc <u>aucaggugcuc</u> .....	2	0	H01
. . . . .auuguacuuc <u>aucaggug</u> .....	41	0	H01
. . . . .auuguacuuc <u>aucaggCgc</u> .....	4	1	H01
. . . . .auA <u>guacuuc</u> <u>aucaggugc</u> .....	1	1	H01
. . . . .auugG <u>acuuc</u> <u>aucaggugc</u> .....	1	1	H01
. . . . .auuguacuuc <u>auU</u> <u>aggugc</u> .....	3	1	H01
. . . . .auuguacuuc <u>aucagU</u> <u>guc</u> .....	2	1	H01
. . . . .auuguacuuc <u>aucaggugc</u> .....	1953	0	H01
. . . . .auuguacuuc <u>aucaggugc</u> .....	1	1	H01
. . . . .auuguacuuc <u>aucaggAgc</u> .....	9	1	H01
. . . . .auuguacuuc <u>aucaU</u> <u>guc</u> .....	2	1	H01
. . . . .auuguaU <u>uuc</u> <u>aucaggugc</u> .....	2	1	H01
. . . . .auuguacuuc <u>aucagguUc</u> .....	1	1	H01
. . . . .auuguacuuc <u>aucaggugA</u> .....	2	1	H01
. . . . .auuguacA <u>u</u> <u>aucaggugc</u> .....	1	1	H01
. . . . .auC <u>guacuuc</u> <u>aucaggugc</u> .....	1	1	H01
. . . . .auG <u>guacuuc</u> <u>aucaggugc</u> .....	2	1	H01
. . . . .auuguacuuc <u>aucaggGgc</u> .....	4	1	H01
. . . . .auuguacuuc <u>aucaggugG</u> .....	5	1	H01
. . . . .auuguacuuc <u>aucagguCc</u> .....	1	1	H01
. . . . .auuguacuuc <u>auA</u> <u>aggugcu</u> .....	1	1	H01
. . . . .auuguacuuc <u>aucaggugcA</u> .....	1	1	H01
. . . . .auC <u>guacuuc</u> <u>aucaggugcu</u> .....	2	1	H01
. . . . .auuguacuuc <u>aucaggGgcu</u> .....	3	1	H01
. . . . .auuguacuuc <u>aucaggCgcu</u> .....	3	1	H01
. . . . .auuguacuuc <u>aucaggAgcu</u> .....	3	1	H01
. . . . .auuguaU <u>uuc</u> <u>aucaggugcu</u> .....	1	1	H01
. . . . .auuguacuuc <u>aucaggugcu</u> .....	406	0	H01
. . . . .aA <u>guacuuc</u> <u>aucaggugcu</u> .....	1	1	H01
. . . . .auA <u>guacuuc</u> <u>aucaggugcuc</u> .....	1	1	H01
. . . . .auuguaA <u>uuc</u> <u>aucaggugcuc</u> .....	1	1	H01
. . . . .auuguacuuc <u>aucaggCgcuc</u> .....	3	1	H01
. . . . .auuguacuuc <u>aucaggugAuc</u> .....	2	1	H01
. . . . .auuguacuuc <u>aucaggAgcuc</u> .....	2	1	H01
. . . . .auuguacuuc <u>aucaggugcAc</u> .....	1	1	H01
. . . . .auC <u>guacuuc</u> <u>aucaggugcuc</u> .....	1	1	H01
. . . . .auuguacuuc <u>aucaggGgcuc</u> .....	3	1	H01

## Mature

## Star

gacacgcagcagcaccgagggccgcgcacgcc	aauguacuucacagggucucugggugauaaauaguuccaggc	gcuuguuggaguacacuuaccgugugcgguuuucuu			
.....	aauguacuucacagggucU.....		4	1	H01
.....	aauguacuucacagggucUuc.....		1	1	H01
.....	aauguGcuucaucagggucuc.....		1	1	H01
.....	aauguacuucacagggucuc.....		643	0	H01
.....	Guuguacuucacagggucuc.....		1	1	H01
.....	aauguacuucacaggAgcucu.....		1	1	H01
.....	aauguacuucacaggCgcucu.....		2	1	H01
.....	aauguacuucUucagggucucu.....		1	1	H01
.....	aauguacuucacagggucAcu.....		1	1	H01
.....	aauguacuucacagguUcucu.....		1	1	H01
.....	aauguacuucacagggucUu.....		1	1	H01
.....	aauguacuucacagggucucu.....		308	0	H01
.....	aauguacuucacagggucucuU.....		2	1	H01
.....	aauguacuucacagggucucAg.....		1	1	H01
.....	aauguacuucacagggucugcug.....		1	1	H01
.....	aauguacuucacagggucucug.....		46	0	H01
.....	aauguacuucacagggucGcugg.....		1	1	H01
.....	aauguacuucacaggGgcucugg.....		2	1	H01
.....	aauguGcuucaucagggucucugg.....		1	1	H01
.....	aauguacuucacagggucucugA.....		16	1	H01
.....	aauguacuucacagggucucugC.....		1	1	H01
.....	Guuguacuucacagggucucugg.....		1	1	H01
.....	aauguacCucaucagggucucugg.....		1	1	H01
.....	aauguacuucacagggucucugg.....		264	0	H01
.....	aauguacuucacagggucucugU.....		48	1	H01
.....	aauguacuucacagggucucuAg.....		1	1	H01
.....	aauguacuucacagggucugcugg.....		3	1	H01
.....	aauguacuucacagggucucuggA.....		8	1	H01
.....	aauguacuucacagggucucugCu.....		3	1	H01
.....	aauguacuucacagggucucuggu.....		40	0	H01
.....	aauguacuucacagggucucuggC.....		8	1	H01
.....	aauguacuucauUaggucucuggu.....		1	1	H01
.....	aauguacuucacagggucucugUu.....		28	1	H01
.....	aauguacuucacagggucucugAu.....		1	1	H01
.....	aauguacuucacagggucucugguU.....		19	1	H01
.....	aauguacuucacagggucucugguA.....		1	1	H01
.....	aauguacuucacagggucucugguC.....		2	1	H01
.....	aauguacuucacagggucucugguAa.....		1	1	H01
.....	aauguacuucacagggucucuggugauaaauaguuccaggcgcug.....		1	0	H01
.....	aauguacuucacagggucucuggugauaaauaguuccaggcgcuggu.....		2	0	H01
.....	aauguacuucacagggucucuggugauaaauaguuccaggcgcuguu.....		4	0	H01
.....	uuguacuucacaggguc.....		2	0	H01
.....	uacuucacacagggucucu.....		5	0	H01
.....	uacuucacacagggucucugg.....		4	0	H01
.....	Aacuucacacagggucucugg.....		1	1	H01
.....	uacuucacacagggucucugUu.....		1	1	H01
.....	uacuucacacagggucucuggu.....		1	0	H01
.....	acuucacacagggucucugU.....		1	1	H01
.....	aggcgcuguuggaguacU.....		1	1	H01
.....	aggcgcuguuggaguacC.....		1	1	H01
.....	aggcgcuguuggaguaca.....		4	0	H01
.....	aggcgcuguuggaguacaU.....		1	1	H01
.....	aggcgcuguuggaguacac.....		4	0	H01
.....	aggcgcuguuggaguacacuu.....		14	0	H01
.....	aggcgcuguuggaguacacuu.....		82	0	H01
.....	aggcgcuguuggaguacacuu.....		1	1	H01
.....	aggcgcuguuggaguacacCu.....		1	1	H01
.....	aggcgcuguuggaguacacuuU.....		3	1	H01
.....	aggcgcuguuggaguacacuu.....		22	0	H01
.....	aggcgcuguuggaguacacuuC.....		1	1	H01
.....	aggcgcuguuggaguacacuuGa.....		1	1	H01
.....	aggcgcuguuggaguacacuuac.....		6	0	H01
.....	aggcgcuguuggaguacacuuU.....		10	1	H01
.....	aggcgcuguuggaguacacuuA.....		2	1	H01
.....	ggcgcuguuggaguaca.....		1	0	H01
.....	ggcgcuguuggaguacacuu.....		1	1	H01
.....	ggcgcuguuggaguacacuu.....		23	0	H01
.....	Cgcgcuguuggaguacacuu.....		1	1	H01
.....	ggcgcuguuggaguacacuuU.....		1	1	H01
.....	ggcgcuguuggaguacacuu.....		25	0	H01

Star

[illegible]

## Mature

## Star

gacacgcagcagcaccgagggccgcccgcacgccc	auuguacuucacagggugcucuggugauaauaguuccaggcgc	uuuguuggaguacacuuaccgugugcgguuuucuu			
.....	auuguacuucacagggUG	.....	7	1	H63
.....	auuguacuucacagggUGc	.....	1	1	H63
.....	auuguacuucacUggugc	.....	1	1	H63
.....	auuguacuucacagguUc	.....	1	1	H63
.....	auugAacuucacagggugc	.....	2	1	H63
.....	aCuguacuucacagggugc	.....	2	1	H63
.....	auuguacuucacagggugc	.....	1132	0	H63
.....	auuguaUuucacagggugc	.....	2	1	H63
.....	auuguacuucacacCuguc	.....	2	1	H63
.....	auuguacuucacagggUGA	.....	5	1	H63
.....	auuguacuucacaggCgc	.....	2	1	H63
.....	auuguacuucacagguCc	.....	1	1	H63
.....	auugGacuucacagggugc	.....	1	1	H63
.....	auuguacuucacagggUG	.....	6	1	H63
.....	auuguacuucCucagggugc	.....	1	1	H63
.....	auuguacGucaucagggugc	.....	1	1	H63
.....	auuguacuucacagguAaC	.....	2	1	H63
.....	auuguacuucacaggCgcu	.....	1	1	H63
.....	auuguacuucacaggGgcu	.....	1	1	H63
.....	auuCuacuucacagggugc	.....	1	1	H63
.....	auugCacuucacagggugc	.....	2	1	H63
.....	auuguacuucacagggugcG	.....	3	1	H63
.....	auuguacuucacagggugcu	.....	454	0	H63
.....	auGguacuucacagggugcu	.....	1	1	H63
.....	auuguacuucacCagggugcu	.....	1	1	H63
.....	auuguacuucacagggugcA	.....	2	1	H63
.....	auuguacuucacagUugcu	.....	2	1	H63
.....	auuguacuucacagggUGaC	.....	4	1	H63
.....	auCguacuucacagggugcuc	.....	2	1	H63
.....	auuguaUuucacagggugcuc	.....	1	1	H63
.....	auuguacuucacagggugcuG	.....	3	1	H63
.....	auuguacuucUucagggugcuc	.....	2	1	H63
.....	auAguacuucacagggugcuc	.....	2	1	H63
.....	auuguacuucacagggugcuc	.....	1610	0	H63
.....	auuguacuucacagguAaCuc	.....	1	1	H63
.....	auuguacuucacaggGgcuC	.....	2	1	H63
.....	auGguacuucacagggugcuc	.....	2	1	H63
.....	auuguGcuucacagggugcuc	.....	1	1	H63
.....	auuguacuucacagggugcuA	.....	3	1	H63
.....	auuguacuucacagUugcuC	.....	1	1	H63
.....	auuguacuucacaggAgcuc	.....	3	1	H63
.....	auugAacuucacagggugcuc	.....	1	1	H63
.....	auuUacuucacagggugcuc	.....	1	1	H63
.....	auuguacuucacUggugcuc	.....	1	1	H63
.....	auuCuacuucacagggugcuc	.....	2	1	H63
.....	auuguacuucacAaggugcuc	.....	2	1	H63
.....	auuguacuucacagggugcuU	.....	6	1	H63
.....	auuguacuucacagggugCu	.....	3	1	H63
.....	auuguacAaCacagggugcuc	.....	1	1	H63
.....	auuguacuucacagguUcucu	.....	3	1	H63
.....	auCguacuucacagggugcucu	.....	1	1	H63
.....	auuguacuucacagggugcucu	.....	880	0	H63
.....	auuguCcuucacagggugcucu	.....	1	1	H63
.....	auAguacuucacagggugcucu	.....	1	1	H63
.....	auuguacuucacauUgugcucu	.....	1	1	H63
.....	auuguacuucacauAgugcucu	.....	1	1	H63
.....	auuguacuucacagggugcuUu	.....	1	1	H63
.....	auugAacuucacagggugcucu	.....	1	1	H63
.....	auuguacuucacAagggugcucu	.....	1	1	H63
.....	auuguacuucacagggugAucu	.....	1	1	H63
.....	auuguacuucGucagggugcucug	.....	1	1	H63
.....	auuguacuucacagggugcucuU	.....	3	1	H63
.....	auugCacuucacagggugcucug	.....	1	1	H63
.....	auuguacuucacagggugcucug	.....	123	0	H63
.....	auuguacGucaucagggugcucug	.....	1	1	H63
.....	auuguacuucacaggAgcucugg	.....	1	1	H63
.....	aAguacuucacagggugcucugg	.....	1	1	H63
.....	auuguacuucacaggCgcucugg	.....	1	1	H63
.....	auuguacuucacagggugcucugg	.....	545	0	H63
.....	auugAacuucacagggugcucugg	.....	1	1	H63

## Mature

## Star

gacacgcagcagcaccgagggccgcgcacgcccauugua <u>cu</u> caucaggug <u>cu</u> cuggugauaa <u>u</u> ag <u>u</u> ccaggcgc <u>u</u> uugggag <u>u</u> acac <u>u</u> uaccguguggcgguuuuuu			
.....auugua <u>cu</u> caucaggug <u>cu</u> Cagg.....	1	1	H63
.....auugua <u>cu</u> uCCuaggug <u>cu</u> cugg.....	1	1	H63
.....auugua <u>cu</u> caucaggug <u>cu</u> cugA.....	36	1	H63
.....auCguacu <u>u</u> caucaggug <u>cu</u> cugg.....	2	1	H63
.....auugua <u>cu</u> caucaggugAucugg.....	3	1	H63
.....auugua <u>cu</u> caucaggug <u>cu</u> cugU.....	48	1	H63
.....auugua <u>cu</u> uCGuaggug <u>cu</u> cugg.....	1	1	H63
.....auugua <u>cu</u> caucaggug <u>cu</u> cuggC.....	3	1	H63
.....auugua <u>cu</u> caucaggug <u>cu</u> cuggA.....	12	1	H63
.....auugua <u>cu</u> caucaggug <u>cu</u> cugUu.....	13	1	H63
.....auugua <u>cu</u> caucaggug <u>cu</u> cugAu.....	2	1	H63
.....auugua <u>cu</u> caucaggug <u>cu</u> cuggu.....	26	0	H63
.....auugua <u>cu</u> caucaggug <u>cu</u> cugguA.....	3	1	H63
.....auugua <u>cu</u> caucaggug <u>cu</u> cugguC.....	1	1	H63
.....auugua <u>cu</u> caucaggug <u>cu</u> cugguU.....	9	1	H63
.....auugua <u>cu</u> caucaggug <u>cu</u> cugguAa.....	1	1	H63
.....auugua <u>cu</u> caucaggug <u>cu</u> cuggugauaa <u>u</u> ag <u>u</u> ccaggcggcuuguu.....	4	0	H63
.....uugua <u>cu</u> caucaggug <u>cu</u> cugg.....	2	0	H63
.....guacu <u>u</u> caucaggug <u>cu</u> cugUu.....	1	1	H63
.....uacu <u>u</u> caucaggug <u>cu</u> .....	19	0	H63
.....Aacu <u>u</u> caucaggug <u>cu</u> .....	1	1	H63
.....uacu <u>u</u> caucaggugcGcu.....	1	1	H63
.....uacu <u>u</u> caucaggugcuAugg.....	1	1	H63
.....uacu <u>u</u> caucaggGgcucugg.....	1	1	H63
.....uacu <u>u</u> caucaggug <u>cu</u> cugA.....	1	1	H63
.....uacu <u>u</u> caucaggug <u>cu</u> cugg.....	20	0	H63
.....Aacu <u>u</u> caucaggug <u>cu</u> cugg.....	2	1	H63
.....uacu <u>u</u> caucaggug <u>cu</u> cugUu.....	1	1	H63
.....uacu <u>u</u> caucaggug <u>cu</u> cuggu.....	1	0	H63
.....cu <u>u</u> caucaggug <u>cu</u> cugg.....	1	0	H63
.....aggcgc <u>u</u> uugggag <u>u</u> ac.....	2	0	H63
.....aggcgc <u>u</u> uugggag <u>u</u> aca.....	3	0	H63
.....aggcgc <u>u</u> uugggag <u>u</u> acC.....	1	1	H63
.....aggcgc <u>u</u> uugggag <u>u</u> acU.....	2	1	H63
.....aggcgc <u>u</u> uugggag <u>u</u> acac.....	3	0	H63
.....aggcgc <u>u</u> uugggag <u>u</u> acacC.....	1	1	H63
.....aggcgc <u>u</u> uugggag <u>u</u> acacu.....	12	0	H63
.....aggcgc <u>u</u> uugUag <u>u</u> acacu.....	1	1	H63
.....aggcgc <u>u</u> uugggag <u>u</u> acacu.....	94	0	H63
.....aggcgc <u>u</u> uugCGag <u>u</u> acacuu.....	1	1	H63
.....aggcgc <u>u</u> uugggag <u>u</u> acacuu.....	60	0	H63
.....aggcgc <u>u</u> uugggag <u>u</u> acacuU.....	2	1	H63
.....aggcgc <u>u</u> uugggag <u>u</u> acacuuac.....	11	0	H63
.....aggcgc <u>u</u> uugggag <u>u</u> acacuuU.....	7	1	H63
.....aggcgc <u>u</u> uugggag <u>u</u> acacuuA.....	2	1	H63
.....aggcgc <u>u</u> uugggag <u>u</u> acacuuacU.....	1	1	H63
.....aggcgc <u>u</u> uugggag <u>u</u> acacuuacA.....	1	1	H63
.....ggcgc <u>u</u> uugggag <u>u</u> aca.....	1	0	H63
.....ggcgc <u>u</u> uugggag <u>u</u> acacu.....	1	0	H63
.....ggcgc <u>u</u> uugggag <u>u</u> acacu.....	27	0	H63
.....ggcgc <u>u</u> uugggag <u>u</u> acacuU.....	2	1	H63
.....ggcgc <u>u</u> uugggag <u>u</u> acacuu.....	50	0	H63
.....ggcgc <u>u</u> uugggag <u>u</u> acacuuU.....	1	1	H63
.....ggcgc <u>u</u> uugggag <u>u</u> acacuuA.....	4	1	H63
.....cgcu <u>u</u> ugggag <u>u</u> acacuu.....	1	0	H63
.....gcu <u>u</u> ugggag <u>u</u> acacuuU.....	1	1	H63
.....cauugua <u>cu</u> caucaggugc.....	6	0	H43
.....cauugua <u>cu</u> caucaggugcu.....	2	0	H43
.....cauugua <u>cu</u> caucaggugcuc.....	1	0	H43
.....cauugua <u>cu</u> caucaggugcucugg.....	1	0	H43
.....auGguacu <u>u</u> caucaggug.....	1	1	H43
.....auugua <u>cu</u> caucaggug.....	123	0	H43
.....auugua <u>cu</u> cauAaggugc.....	3	1	H43
.....auGguacu <u>u</u> caucaggugc.....	2	1	H43
.....auugua <u>cu</u> caucaggugU.....	6	1	H43
.....auAguacu <u>u</u> caucaggugc.....	4	1	H43
.....auugua <u>cu</u> Au <u>u</u> caucaggugc.....	2	1	H43
.....auugua <u>cu</u> uUcaggugc.....	2	1	H43
.....auuguaU <u>u</u> caucaggugc.....	1	1	H43

Star

gacagcagcagcaccgagggccgcgcacgccc	auugAacuucaucaggugc	1	1	H43
	auugCacuucaucaggugc	2	1	H43
	auugUacuucaucaggguUc	1	1	H43
	auugUacuucaucOggugc	1	1	H43
	auuguacuucaucaggcGgc	2	1	H43
	auuguCuucaucaggugc	1	1	H43
	auuguacuucaucUggugc	1	1	H43
	auuguacuucaucaggugG	13	1	H43
	auuguacuucaucaggugA	8	1	H43
	auugGacuucaucaggugc	4	1	H43
	auuguaAuucaucaggugc	1	1	H43
	auuguacuucaucagAugc	1	1	H43
	auuguacGucaucaggugc	4	1	H43
	auuguacuucaucaggAgc	2	1	H43
	auuguacuucaucaggguAc	2	1	H43
	auuguacuucaucaAgugc	4	1	H43
	Guuguacuucaucaggugc	1	1	H43
	Uuuguacuucaucaggugc	1	1	H43
	auuguacuucaucagggGgc	3	1	H43
	auuguacuucaucaggugc	3228	0	H43
	auCGuacuucaucaggugc	2	1	H43
	auuguacuucaucaUgugc	2	1	H43
	auuUuacuucaucaggugc	1	1	H43
	auuguacuucaucUggugcu	1	1	H43
	auuguacuucaucaggugGu	1	1	H43
	auuguacGucaucaggugcu	1	1	H43
	auuguUcucaucaggugcu	1	1	H43
	auugAacuucaucaggugcu	2	1	H43
	auuguacuucaucaCgugcu	2	1	H43
	auAguacuucaucaggugcu	2	1	H43
	auuguacuucaucOggugcu	1	1	H43
	auuguacuucGucaaggugcu	1	1	H43
	auuguacuuAaucaggugcu	1	1	H43
	auuguacuucaucaggugcu	810	0	H43
	auuguacuucaucaggcGgc	1	1	H43
	auGguacuucaucaggugcu	1	1	H43
	auCGuacuucaucaggugcu	1	1	H43
	aGuguacuucaucaggugcu	1	1	H43
	auugCacuucaucaggugcu	2	1	H43
	auuguacuucUucaggugcu	1	1	H43
	auuguacuucaucaggugAu	2	1	H43
	auuguacuucaucaggugUu	2	1	H43
	auuguacuucaucaUgugcuc	1	1	H43
	auuguacuucauGaggugcuc	1	1	H43
	auuguacuucaucaggugGu	1	1	H43
	auuguacuucaucaggugcuU	27	1	H43
	auuguacuucaucaAagugcuc	1	1	H43
	Uuuguacuucaucaggugcuc	1	1	H43
	auCGuacuucaucaggugcuc	1	1	H43
	auuguacuucaucaggugcuc	282	0	H43
	auuguacuucaucaggAgcuc	1	1	H43
	auuguacuucaucaggugcuA	3	1	H43
	auuguacuucaucaggugcucu	61	0	H43
	auuguacuucaucaggugcuUu	1	1	H43
	auuguacuucaucaggugcucug	18	0	H43
	auuguacuucaucaggugcuGug	1	1	H43
	auuguacuucaucaggugcucuA	1	1	H43
	auuguacuCCaucaggugcucug	1	1	H43
	auuguacuucaucaggugcucugU	15	1	H43
	auuguacuucaucaggugcucugg	84	0	H43
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	auuguacuucaucaggugcucuggA	9	1	H43
	auuguacuucaucaggugcucuggC	1	1	H43
	auuguacuucaucaggugcucugUu	8	1	H43
	auuguacuucaucaggugcucugCu	2	1	H43
	auuguacuucaucaggugcucuggu	18	0	H43
	auuguacuucaucaggugcucugguU	10	1	H43
	auuguacuucaucaggugcucugguC	1	1	H43
	auuguacuucaucaggugcucugguAa	1	1	H43
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.....uuguacuucacucaggugc	1	1	H43
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## Mature

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## Mature

## Star

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.....	auuguacuucGucaggugcucuggugauaauguuccaggcgcuuguu.....		1	1	H44
.....	auuguacuucacucaggugcucuggugauaauguuccaggcgcuuguuU.....		1	1	H44
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## Mature

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.....auuguacuucacaggugG.....	5	1	H74
.....auuguacuucacaggugU.....	5	1	H74
.....auugCacuucacaggugc.....	3	1	H74
.....auuguacuucacaggCgc.....	1	1	H74
.....auuguacuucAuAaggugc.....	1	1	H74
.....auugAacuucacaggugcu.....	1	1	H74
.....auuguacuucacaggugcu.....	36	0	H74
.....auuguacuucacaggugcuU.....	2	1	H74
.....auuguacuucacaggugcuc.....	124	0	H74
.....auuguacuucacagUugcuc.....	1	1	H74
.....auuguacuucacCaggugcuc.....	1	1	H74
.....Cuuguacuucacaggugcuc.....	1	1	H74
.....auuguacuucacaggugcucu.....	27	0	H74
.....auuguacuucacagUugcucu.....	1	1	H74

## Mature

## Star

gacacgcagcagcaccgagggccgcgcacgccc	auuguacuuc	caucaggugc	ucugggua	aauguuccaggc	gcuuguaggag	uacacuu	accgugug	gcgguuuuuuuu			
.....	auuguacuuc	caucaggugc	ucug	.....					3	0	H74
.....	auuguacuuc	caucaggugc	ucugg	.....					5	0	H74
.....	auuguacuuc	caucaggugc	ucugU	.....					4	1	H74
.....	auuguacuuc	caucaggugc	ucugA	.....					26	1	H74
.....	auuguacuuc	caucaggugc	ucugAu	.....					2	1	H74
.....	auuguacuuc	caucaggugc	ucugUu	.....					1	1	H74
.....	auuguacuuc	caucaggugc	ucuggC	.....					1	1	H74
.....	auuguacuuc	caucaggugc	ucuggA	.....					10	1	H74
.....	auuguacuuc	caucaggugc	ucuggg	auaauguuccaggc	gcuugu	.....			1	0	H74
.....	uacuucauc	aggugc	ucug	.....					1	0	H74
.....	.....	aggcgcuugu	aggag	uaca	.....				3	0	H74
.....	.....	aggcgcuugu	aggag	uacacu	.....				6	0	H74
.....	.....	aggcgcuugu	aggag	uacacuu	.....				14	0	H74
.....	.....	aggcgcuugu	aggag	uacacuu	.....				7	0	H74
.....	.....	aggcgcuugu	aggag	uacacuuU	.....				1	1	H74
.....	.....	aggcgcuugu	aggag	uacacuuac	.....				1	0	H74
.....	.....	ggcgcuugu	aggag	uacacu	.....				2	0	H74
.....	.....	ggcgcuugu	aggag	uacacA	.....				1	1	H74
.....	.....	ggcUcuugu	aggag	uacacuu	.....				1	1	H74
.....	.....	ggcgcuugu	aggag	uacacuu	.....				4	0	H74
.....	.....	ggcgcuugu	aggag	uacacuu	.....				4	0	H74
.....	.....	ggcgcuugu	aggag	uacacuuU	.....				2	1	H74
.....	.....	ggcgcuugu	aggag	uacacuuU	.....				1	1	H74
.....	.....	ggcgcuugu	aggag	uacacuuac	.....				1	0	H74
.....	.....	cauguacuuc	caucaggugc	.....					1	0	H73
.....	.....	auugAacuuc	caucaggug	.....					1	1	H73
.....	.....	auuguacuuc	caucaggug	.....					35	0	H73
.....	.....	auuguacuuc	caucaAgug	.....					1	1	H73
.....	.....	auuguacuuc	Uucaggugc	.....					1	1	H73
.....	.....	auuguacuuc	caucaUgugc	.....					1	1	H73
.....	.....	auuguacuuc	caucaggugc	.....					403	0	H73
.....	.....	auuguacuuc	caCaggugc	.....					1	1	H73
.....	.....	auuguacuuc	caucaggugG	.....					3	1	H73
.....	.....	auuguacuuc	caucagUugc	.....					1	1	H73
.....	.....	auuguacuuc	caucaAgugc	.....					1	1	H73
.....	.....	auuAuacuuc	caucaggugc	.....					1	1	H73
.....	.....	auugGacuuc	caucaggugc	.....					2	1	H73
.....	.....	auuguacuuc	caucUggugc	.....					1	1	H73
.....	.....	auuguacuuc	caucaggugU	.....					1	1	H73
.....	.....	auuguacuuc	caucaggugcu	.....					31	0	H73
.....	.....	auuUacuuc	caucaggugcu	.....					1	1	H73
.....	.....	auuguacuuc	caucaggAgcuc	.....					1	1	H73
.....	.....	auuUacuuc	caucaggugcuc	.....					1	1	H73
.....	.....	auuguacuuc	caucaggugcuc	.....					93	0	H73
.....	.....	auuguaUuuc	caucaggugcucu	.....					1	1	H73
.....	.....	Cuuguacuuc	caucaggugcucu	.....					1	1	H73
.....	.....	auuguacuuc	caucagUugcucu	.....					1	1	H73
.....	.....	auuguacuuc	caucaggugcucu	.....					35	0	H73
.....	.....	auuguacuuc	caucaggugcucug	.....					3	0	H73
.....	.....	auuguacuuc	caucaggugcucugA	.....					3	1	H73
.....	.....	auuguacuuc	caucaggugcucugg	.....					8	0	H73
.....	.....	auuguacuuc	caucaggugcucugU	.....					3	1	H73
.....	.....	auuguacuuc	caucaggugcucuggC	.....					1	1	H73
.....	.....	auuguacuuc	caucaggugcucuggA	.....					2	1	H73
.....	.....	auuguacuuc	caucaggugcucuggu	.....					1	0	H73
.....	.....	uacuucauc	aggugcucugg	.....					2	0	H73
.....	.....	.....	aggcgcuugu	aggag	uaca	.....			2	0	H73
.....	.....	.....	aggcgcuugu	aggag	uacac	.....			1	0	H73
.....	.....	.....	aggcgcuugu	aggag	uacacu	.....			6	0	H73
.....	.....	.....	aggcgcuugu	aggag	uacacuu	.....			13	0	H73
.....	.....	.....	aggcgcuugu	aggag	uacacuu	.....			4	0	H73
.....	.....	.....	aggcgcuugu	aggag	uacacuuC	.....			1	1	H73
.....	.....	.....	aggcgcuugu	aggag	uacacuuU	.....			1	1	H73
.....	.....	.....	aggcgcuugu	aggag	uacacuuU	.....			3	1	H73
.....	.....	.....	ggcgcuugu	aggag	uaca	.....			1	0	H73
.....	.....	.....	ggcgcuugu	aggag	uacacu	.....			1	0	H73
.....	.....	.....	ggcgcuugu	aggag	Aacacuu	.....			1	1	H73
.....	.....	.....	ggcgcuugu	aggag	uacacuu	.....			6	0	H73
.....	.....	.....	ggcgcuugu	aggag	uacacuu	.....			10	0	H73

## Mature

## Star

gacacgcagcagcaccgagggccgcgcacgcc	auuguacuucacagggucucugggugauaauguuccaggc	gcuuguuggaguacacuuaccgugugggcgguuuucuu			
.....ggcgcguuguuggaguacacuaU.....			2	1	H73
.....auuguacuucacacGug.....			1	1	B13
.....auuguacuucacaggg.....			5	0	B13
.....auuguGcuucacaggguc.....			1	1	B13
.....auuguacuucacauGugc.....			1	1	B13
.....auuguacuucacaggguc.....			307	0	B13
.....auGguacuucacaggguc.....			1	1	B13
.....auuguacuucacaggguc.....			1	1	B13
.....auGguacuucacaggguc.....			2	1	B13
.....auuguacuucacagguUc.....			1	1	B13
.....auuguacuucacauGugcu.....			1	1	B13
.....auuguacuucacaggguc.....			125	0	B13
.....auuguacCucaucaggguc.....			1	1	B13
.....auuguacCucaucagggucuc.....			1	1	B13
.....auuguacuucacaggAgcuc.....			1	1	B13
.....auuguacuucacagggucuc.....			231	0	B13
.....auuguacuucacauGugcuc.....			1	1	B13
.....auuguacuucacagggucucu.....			127	0	B13
.....auGguacuucacagggucucu.....ggcgcguuguuggaguacacuaU.....			1	1	B13
.....auuguacuucacacGugcucu.....			1	1	B13
.....auuguacuucacagggucGu.....			1	1	B13
.....auuguacuucacagggucCcu.....			1	1	B13
.....auuguacuucacagggucucu.....			1	1	B13
.....Guuguacuucacagggucucug.....			1	1	B13
.....auuguacuucacagggucucug.....			39	0	B13
.....auuguacuCcucagggucucugg.....			1	1	B13
.....auuguacuucacagggucucugU.....			41	1	B13
.....auuguacuucacagggucGuagg.....			1	1	B13
.....auAgguacuucacagggucucugg.....			1	1	B13
.....auuguacuucacagggucucugA.....			62	1	B13
.....auuguacuucacagggucucugg.....			117	0	B13
.....auuguacuucacagggucucugC.....			1	1	B13
.....auuguacuucacagggucucuggA.....			11	1	B13
.....auuguacuucacagggucucugCu.....			1	1	B13
.....auuguacuucacagggucucuggC.....			6	1	B13
.....auuguacuucacagggucucuggu.....			16	0	B13
.....auuguacuucacagggucucugUu.....			18	1	B13
.....auuguacuucacagggucucugAu.....			3	1	B13
.....auuguacuucacagggucucugguU.....			9	1	B13
.....auuguacuucacagggucucugguCau.....			1	1	B13
.....auuguacuucacagggucucugguUau.....			1	1	B13
.....auuguacuucacagggucucugggugauG.....			1	1	B13
.....auuguacuucacagggucucugggugauaauguuccaggcgcuuugu.....			1	0	B13
.....auuUuacuucacagggucucugggugauaauguuccaggcgcuuugu.....			1	1	B13
.....auuguacuucacagggucucugggugauaauguuccaggcgcuuugu.....			8	0	B13
.....auuguacuucacagggucucugggugauaauguuccaggcgcuuuguU.....			2	1	B13
.....uuguacuucacagggucuc.....			1	0	B13
.....uuguacuucacagggucucugg.....			1	0	B13
.....uuguacuucacagggucucugU.....			1	1	B13
.....uacuucacagggucucu.....			5	0	B13
.....Aacuucacagggucucu.....			1	1	B13
.....uacuucacagggucucug.....			1	0	B13
.....Aacuucacagggucucugg.....			1	1	B13
.....uacuucacagggucucugg.....			6	0	B13
.....uacuucacagggucucugU.....			1	1	B13
.....uacuucacagggucucuggu.....			1	0	B13
.....uacuucacagggucucugUu.....			1	1	B13
.....aggcgcguuguuggaguac.....			1	0	B13
.....aggcgcguuguuggaguaca.....			1	0	B13
.....aggcgcguuguuggaguacacu.....			3	0	B13
.....aggcgcguuguuggaguacacuu.....			24	0	B13
.....aggcgcguuguuggaguacacua.....			4	0	B13
.....agAcgcguuguuggaguacacua.....			1	1	B13
.....aggcgcguuguuggaguacacuaU.....			2	1	B13
.....aggcgcguuguuggaguacacuuac.....			2	0	B13
.....aggcgcguuguuggaguacacuaA.....			1	1	B13
.....ggcgcguuguuggaguacacu.....			2	0	B13
.....ggcgcguuguuggaguacacuu.....			10	0	B13
.....ggcgcguuguuggaguacacua.....			10	0	B13

## Mature

## Star

gacacgcagcagcaccgagggccgccgcacgcccauuguacuuccaucaggugcucuggugauaauguuccaggcgcuuuguaggaguacacuuaccguguggcgguuuuuuuu

.....cauuguacuuc <u>caucaggug</u> .....	1	0	H54
.....cauuguacuuc <u>caucaggugc</u> .....	9	0	H54
.....cauuguacuuc <u>caucaggugcu</u> .....	2	0	H54
.....cauuguacuuc <u>caucaggugcuU</u> .....	2	1	H54
.....auuguacuuc <u>caucaggug</u> .....	74	0	H54
.....auugua <u>Uuu</u> <u>caucaggug</u> .....	1	1	H54
.....auuguacuuc <u>caucaggCgc</u> .....	3	1	H54
.....auuguacuuc <u>cauUgugc</u> .....	1	1	H54
.....Guuguacuuc <u>caucaggugc</u> .....	1	1	H54
.....auuguacuuc <u>caucaggugU</u> .....	5	1	H54
.....auugGacuuc <u>caucaggugc</u> .....	5	1	H54
.....auuguacuuc <u>caA</u> <u>caggugc</u> .....	1	1	H54
.....auAguacuuc <u>caucaggugc</u> .....	7	1	H54
.....auuguacuuc <u>cauG</u> <u>aggugc</u> .....	1	1	H54
.....auuguacCu <u>caucaggugc</u> .....	1	1	H54
.....auuguacuuc <u>caucaA</u> <u>gugc</u> .....	4	1	H54
.....auuguacuC <u>caucaggugc</u> .....	1	1	H54
.....auuUacuuc <u>caucaggugc</u> .....	1	1	H54
.....auuguacuuc <u>caucaggugG</u> .....	10	1	H54
.....aCuguacuuc <u>caucaggugc</u> .....	1	1	H54
.....auuguacuuc <u>caucaC</u> <u>gugc</u> .....	2	1	H54
.....auuguacuuc <u>caucagA</u> <u>ugc</u> .....	1	1	H54
.....auGguacuuc <u>caucaggugc</u> .....	2	1	H54
.....auuguacuuc <u>caucaggAgc</u> .....	3	1	H54
.....auuguacuucU <u>caucaggugc</u> .....	1	1	H54
.....auuguacuA <u>caucaggugc</u> .....	1	1	H54
.....auuAuacuuc <u>caucaggugc</u> .....	1	1	H54
.....auuguacuuc <u>caucaggGgc</u> .....	2	1	H54
.....aAguacuuc <u>caucaggugc</u> .....	1	1	H54
.....auuguacuuc <u>caucaggugA</u> .....	3	1	H54
.....auugCacuuc <u>caucaggugc</u> .....	5	1	H54
.....auuguacGu <u>caucaggugc</u> .....	2	1	H54
.....auugAacuuc <u>caucaggugc</u> .....	3	1	H54
.....auuguacuuc <u>caucagguUc</u> .....	1	1	H54
.....auuguacuuc <u>cauU</u> <u>aggugc</u> .....	3	1	H54
.....auuguacuuc <u>caucaggugc</u> .....	2758	0	H54
.....auuguacuuc <u>caucU</u> <u>ggugc</u> .....	2	1	H54
.....auuguaUuu <u>caucaggugcu</u> .....	1	1	H54
.....auuguacuuc <u>caucaggugcu</u> .....	679	0	H54
.....auuguacuuc <u>caucaU</u> <u>gugcu</u> .....	1	1	H54
.....auuguacuuc <u>caC</u> <u>aggugcu</u> .....	1	1	H54
.....auCguacuuc <u>caucaggugcu</u> .....	2	1	H54
.....auuguacuuc <u>caucaggugcA</u> .....	1	1	H54
.....auuguacuuc <u>caucaggugGu</u> .....	1	1	H54
.....auugAacuuc <u>caucaggugcu</u> .....	2	1	H54
.....auuguaAu <u>caucaggugcu</u> .....	2	1	H54
.....auuguacuuc <u>caucaggugcG</u> .....	3	1	H54
.....auuguacuuc <u>caucaggugUu</u> .....	1	1	H54
.....auuguacuuc <u>caucaggugAu</u> .....	2	1	H54
.....auugCacuuc <u>caucaggugcu</u> .....	1	1	H54
.....auuguacuuc <u>caucaggAgc</u> .....	1	1	H54
.....auuguacuuc <u>caucagU</u> <u>ugcu</u> .....	1	1	H54
.....auuguaUuu <u>caucaggugcuc</u> .....	1	1	H54
.....auuguacuuc <u>caucaggugcuA</u> .....	4	1	H54
.....Guuguacuuc <u>caucaggugcuc</u> .....	1	1	H54
.....auuguacuuc <u>caucaggCgcuc</u> .....	1	1	H54
.....auuguacuuc <u>caucaggugcuG</u> .....	1	1	H54
.....auuguacuuc <u>caucagguUcuc</u> .....	1	1	H54
.....auuAuacuuc <u>caucaggugcuc</u> .....	1	1	H54
.....auuguacuuc <u>caucaggugcuU</u> .....	24	1	H54
.....auAguacuuc <u>caucaggugcuc</u> .....	1	1	H54
.....auuguacuuc <u>caucaggugcuc</u> .....	284	0	H54
.....auugAacuuc <u>caucaggugcuc</u> .....	1	1	H54
.....auuguacuuc <u>cauU</u> <u>aggugcucu</u> .....	1	1	H54
.....auuguacuuc <u>caucaggugcuUu</u> .....	4	1	H54
.....auuguacuuc <u>caucaC</u> <u>gugcucu</u> .....	1	1	H54
.....auuguacuuc <u>caucaggugcucu</u> .....	60	0	H54
.....auuguacuuc <u>caucaggugcucug</u> .....	19	0	H54
.....auuguacuuc <u>caucaA</u> <u>gugcucugg</u> .....	1	1	H54

## Mature

## Star

gacacgcagcagcaccgagggccgcccgcacgccc	auuguacuucaucaggugcucuggugauaaauaguccaggc	gcuuguuggaguacacuuaccgugugcgguuuuuuu			
.....	auugCacuucaucaggugcucugg.....	1	1		H54
.....	Uuuguacuucaucaggugcucugg.....	1	1		H54
.....	auuguacuucaucaggugcucugA.....	8	1		H54
.....	auugGacuucaucaggugcucugg.....	1	1		H54
.....	auuguacuucaucagCugcucugg.....	1	1		H54
.....	auuguacuucaucaggugcucugg.....	118	0		H54
.....	auuguacuucaucaggugcucugU.....	20	1		H54
.....	auuguacuucaucaggugcucuggu.....	15	0		H54
.....	auuguacuucaucaggugcucuggA.....	6	1		H54
.....	auuguacuucaucaggugcucugUu.....	7	1		H54
.....	auuguacuucaucaggugcucugguU.....	11	1		H54
.....	auuguacuucaucaggugcucugguA.....	1	1		H54
.....	uuguacuucaucaggugc.....	1	0		H54
.....	uacuucaucaggugcucu.....	1	0		H54
.....	Aacuucaucaggugcucugg.....	1	1		H54
.....	uacuucaucaggugcucugg.....	2	0		H54
.....	aggcgcuuguuggaguac.....	4	0		H54
.....	aggcgcuuguuggaguaca.....	5	0		H54
.....	aggcgcuuguuggaguacac.....	5	0		H54
.....	aggcgcuuguuggaguacacu.....	18	0		H54
.....	aggcgcuuguuggaguacacuu.....	44	0		H54
.....	aggcgcuuguuggaguacUcuu.....	1	1		H54
.....	aggcgcuuguuAgaguacacuu.....	1	1		H54
.....	aggcgcuuguuggaguacacuC.....	1	1		H54
.....	aggcgcuuguuggaguacacuuA.....	13	0		H54
.....	aggcgcuuguuggaguacacuuU.....	2	1		H54
.....	aggcgcuuguuggaguacacuuU.....	9	1		H54
.....	aggcgcuuguuggaguacacuuAA.....	6	1		H54
.....	aggcgcuuguuggaguacacuuac.....	2	0		H54
.....	ggcgcuuguuggaguaca.....	1	0		H54
.....	ggcgcuuguuggaguacacu.....	4	0		H54
.....	ggcgcuuguuggaguacacuu.....	13	0		H54
.....	ggcgcuuguuggaguacacuuU.....	3	1		H54
.....	ggcgcuuguuggaguacacuuA.....	10	0		H54
.....	ggcgcuuguuggaguacacuuU.....	2	1		H54
.....	cgcuuguuggaguacacuuA.....	1	0		H54