



Star

[illegible]

## Mature

## Star

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## Mature

## Star

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## Mature

## Star

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## Mature

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## Mature

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## Mature

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## Mature

## Star

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## Mature

## Star

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.....uugugacgcgucacuaacgggcaU.....	1	1	E71
.....uUugacgcgucacuaacgggca.....	1	1	E71
.....cccguuuugacUaucgcaaaaug.....	1	1	E71

## Mature

## Star

aucguuguuagcgaaguuuguuugugaccgucacuaacgggcaguuocggcuauuugcccguuuugacgaucgcaaaaugaacucgcguagacuauagucagccaaguacaa			
.....cccguuuuugacgaucgcaaaaug.....	13	0	E71
.....uuugugaccgucacuaacg.....	7	0	E22
.....uuugugaccgucacuaacUg.....	1	1	E22
.....uuugugaccgucacuaacgg.....	25	0	E22
.....uuugugaccgucacuaacggg.....	10	0	E22
.....uuugugaccgucacuaCcgggc.....	2	1	E22
.....uuugugaccgucacuaacAggc.....	1	1	E22
.....uuAgugaccgucacuaacgggc.....	1	1	E22
.....uuugugaccgucacuaGcgggc.....	3	1	E22
.....uuugugaccgucacuaacgggc.....	492	0	E22
.....uuGgugaccgucacuaacgggc.....	2	1	E22
.....uuuUugaccgucacuaacgggc.....	1	1	E22
.....uuuguUaccgucacuaacgggc.....	1	1	E22
.....uuugugaccgUAcuaacgggca.....	2	1	E22
.....Cuugugaccgucacuaacgggca.....	2	1	E22
.....uuugugaccgucacUuaacgggca.....	1	1	E22
.....uuugAgaccgucacuaacgggca.....	1	1	E22
.....uuugugaccgucacuaacAggca.....	1	1	E22
.....uuugugaccguUacuaacgggca.....	1	1	E22
.....uuugugaccgucacuaacggCca.....	3	1	E22
.....uuugugaccgucacuaaUgggca.....	2	1	E22
.....uuCgugaccgucacuaacgggca.....	4	1	E22
.....uuugugacAGucacuaacgggca.....	2	1	E22
.....uuGgugaccgucacuaacgggca.....	3	1	E22
.....uuugugaccgucacuaacUggca.....	7	1	E22
.....uuugugaccgucacuaaGgggca.....	1	1	E22
.....uuugugaccgucacuaacgggcC.....	1	1	E22
.....uuugugaccgucacuaacgggAA.....	1	1	E22
.....uuuguUaccgucacuaacgggca.....	1	1	E22
.....uuugugaccgucacuaacgggGa.....	3	1	E22
.....uuugugaccgucacuaacgAgca.....	2	1	E22
.....uuugugaccgucacuaacgUgca.....	2	1	E22
.....uuugugaccgucacuaGcgggca.....	17	1	E22
.....uuugugaccgucacuaacggAAca.....	2	1	E22
.....uuugugaccgucacuaacgggUa.....	2	1	E22
.....uuugugaccgucacuaacCggca.....	4	1	E22
.....uuugugaccgucacuaCcgggca.....	7	1	E22
.....uuuguCaccgucacuaacgggca.....	2	1	E22
.....uuugugaAcgucacuaacgggca.....	2	1	E22
.....uuugugaccgucacuaacgCgca.....	1	1	E22
.....uuugugaccgucacuaacgggcU.....	27	1	E22
.....uuugugaccgucacUaaacgggca.....	2	1	E22
.....uuuguAAccgucacuaacgggca.....	3	1	E22
.....uuugugaccgucacuaUcgggca.....	7	1	E22
.....uuugugaccgucacuaacgggca.....	3638	0	E22
.....uuugugacGgucacuaacgggca.....	1	1	E22
.....uuugugaccUucacuaacgggca.....	2	1	E22
.....uuAgugaccgucacuaacgggca.....	3	1	E22
.....uuugugaccgucacuaacggUca.....	4	1	E22
.....uuugugaUcgucacuaacgggca.....	1	1	E22
.....uuugugaccgCcacuaacgggca.....	2	1	E22
.....uuugGgaccgucacuaacgggca.....	1	1	E22
.....uuugugaccgucacuaacgggcaA.....	2	1	E22
.....uuugugaccgucacuaacgggcaU.....	4	1	E22
.....uuugugaccgucacuaacgggcaUu.....	8	1	E22
.....uuugugaccgucacuaacgggcaguuocggcuauuugcccguuuu.....	1	0	E22
.....uuugugaccgucacuaacgggcaguuocggcuauuugcccguuuug.....	1	0	E22
.....uuugugaccgucacuaacgggcaguuocggcuauuugcccguuuuga.....	4	0	E22
.....uuugugaccgucacuaacgggcaguuocggcuauuugcccguuuugU.....	1	1	E22
.....uuugugaccgucacuaacgggcaguuocggcuauuugcccguuuugaA.....	1	1	E22
.....uugugaccgucacuaacgggc.....	8	0	E22
.....uugugaccgucacuaacgggca.....	114	0	E22
.....uugugaccgucacuaacgggcU.....	1	1	E22
.....uuUugaccgucacuaacgggca.....	1	1	E22
.....uuugugaccgucacuaacgggcaguuocggcuauuugcccguuuug.....	1	0	E22
.....cccguuuugacgaucgcaaaa.....	3	0	E22
.....cccguuuugacgaucgcaaaaug.....	153	0	E22
.....cccguuuugacgaucgcaaaaGg.....	2	1	E22
.....cccguuuugacgaucAcaaaaug.....	1	1	E22

## Mature

## Star

aucguuguuagcgaaguuuguuugugacccgucacuaacgggcaguuocggcuauuuugcccguuuugacgaucgcaaaaugaacucgcguagacuauagucagccaaguacaa

.....ccAguuuugacgaucgcaaaaug.....	1	1	E22
.....cccguuuugacgaucgGaaaaug.....	1	1	E22
.....ccguuuuugacgaucgcaaaaCug.....	1	1	E22
.....ccguuuuugacgaucgcaaaaug.....	2	0	E22
.....cguuuuugacgaucgcaaaaug.....	4	0	E22
.....guuugugacccgucacuaacgAgc.....	1	1	E23
.....guuugugacccgucacuaacgggc.....	1	0	E23
.....uuuugugacccgucacuaacg.....	3	0	E23
.....uuugugacccgucacuaacgg.....	28	0	E23
.....uuugugacccgucacuaacggg.....	4	0	E23
.....uuuugugacccgucacuaacgggc.....	315	0	E23
.....uuuAugacccgucacuaacgggc.....	1	1	E23
.....uuugugacccgucacuaacgggG.....	1	1	E23
.....Cuugugacccgucacuaacgggc.....	1	1	E23
.....uuugugacccgucacuaacUggc.....	2	1	E23
.....uuGgugacccgucacuaacgggc.....	1	1	E23
.....uuuguUacccgucacuaacgggc.....	1	1	E23
.....uuugugacccgucacuaacAggc.....	1	1	E23
.....uuugugacccgucacuaacggCc.....	1	1	E23
.....uuugugacccgucacuaGcgggc.....	2	1	E23
.....uuugugacccgucacuaCcgggc.....	1	1	E23
.....uuugugacccguAacuaacgggca.....	1	1	E23
.....uuuguCaccgucacuaacgggca.....	1	1	E23
.....uuugugaAcgucacuaacgggca.....	1	1	E23
.....uuugugacccgucacuaaAgggca.....	1	1	E23
.....Cuugugacccgucacuaacgggca.....	1	1	E23
.....uuugugacccgucacuaUcgggca.....	4	1	E23
.....uuugugacccgucacuaaCaggca.....	2	1	E23
.....uuugugacccgucacuaaUgggca.....	2	1	E23
.....uuugugacccgucacuaCcgggca.....	3	1	E23
.....uuugugacccgucacuaaCgCgca.....	1	1	E23
.....uuugugacccgCcacuaacgggca.....	1	1	E23
.....uuugugacccgucacuaacgggcU.....	29	1	E23
.....uuugugGccgucacuaacgggca.....	1	1	E23
.....uuAugacccgucacuaacgggca.....	3	1	E23
.....uuugugacccgucacuaacgggca.....	2403	0	E23
.....uuuguUaccgucacuaacgggca.....	2	1	E23
.....uuugugaUcgcacacuaacgggca.....	1	1	E23
.....uuugugacccgucacuaacggUca.....	1	1	E23
.....uCuugugacccgucacuaacgggca.....	1	1	E23
.....uuugugacccgucacuaacggCca.....	5	1	E23
.....uuugugacccgucacuaacgggGa.....	2	1	E23
.....uuGgugacccgucacuaacgggca.....	4	1	E23
.....uuugugacccgucacuaacgggAa.....	1	1	E23
.....uuugugacccgucacuaGcgggca.....	14	1	E23
.....uuugugacccgucacuaaCggca.....	3	1	E23
.....uuugugacccgucacuaacgggcG.....	1	1	E23
.....uuugugacccgucacuaaCUggca.....	6	1	E23
.....uuuUugacccgucacuaacgggca.....	3	1	E23
.....uuuguAaccgucacuaacgggca.....	1	1	E23
.....uuugugacccgucacuaacgggUa.....	1	1	E23
.....uuugugaccUucacuaacgggca.....	2	1	E23
.....uuugugacccgucacuaacgggcaU.....	4	1	E23
.....uuugugacccgucacuaacgggcaA.....	1	1	E23
.....uuugugacccgucacuaacgggcaC.....	1	1	E23
.....uuugugacccgucacuaacgggcaUu.....	8	1	E23
.....uuugugacccgucacuaacgggcaguuocggcuauuuugcccguuuug.....	2	0	E23
.....uuGgugacccgucacuaacgggcaguuocggcuauuuugcccguuuug.....	1	1	E23
.....uuugugacccgucacuaacgggcaguuocggcuauuuugcccguuuuga.....	1	0	E23
.....uuugugacccgucacuaacgggcaguuocggcuauuuugcccguuuugaA.....	1	1	E23
.....uugugacccgucacuaacgggc.....	6	0	E23
.....uugugacccgucacuaacgggcG.....	1	1	E23
.....uugugaccguUacuaacgggca.....	1	1	E23
.....uugugacccgucacuaacgggca.....	73	0	E23
.....uugugacccgucacuaacgUgca.....	1	1	E23
.....cccguuuuugacgaucgcaaaa.....	1	0	E23
.....cccguuuuugacgaucgcaaaaug.....	78	0	E23
.....cccguuuuugacgaucgGaaaaug.....	1	1	E23
.....cccguuuuugacgaucgcaaaaug.....	1	0	E23

Star

. . . . . Cuuuugaccgucacuaacgggca . . . . .	1	1	H61
. . . . . uuugugaccgucacuaacgggc . . . . .	15	0	H61
. . . . . uuugugaccgucacuaacggCc . . . . .	1	1	H61
. . . . . uuugugaccgucacuaacgggca . . . . .	338	0	H61
. . . . . uuugugaccgucacuaacgUgca . . . . .	1	1	H61
. . . . . uuAgugaccgucacuaacgggga . . . . .	2	1	H61
. . . . . uuugugUccgucacuaacgggca . . . . .	1	1	H61
. . . . . uuugugaccgucacuaCcgggca . . . . .	1	1	H61
. . . . . uuugugaccgucacuaacgggcU . . . . .	1	1	H61
. . . . . uuugugaccgucacuaUcgggca . . . . .	1	1	H61
. . . . . uuugugaccgucacuaacgggcG . . . . .	1	1	H61
. . . . . uuugugaccgucacuaacggCc . . . . .	2	1	H61
. . . . . uuugugaccgucacuaacgggAa . . . . .	2	1	H61
. . . . . uuGgugaccgucacuaacgggca . . . . .	2	1	H61
. . . . . uuugAgaccgucacuaacgggca . . . . .	1	1	H61
. . . . . uuCGugaccgucacuaacgggca . . . . .	2	1	H61
. . . . . uuugugaccgucacuaacgggcaA . . . . .	1	1	H61
. . . . . uugugacAGucacuaacgggca . . . . .	1	1	H61
. . . . . uugugaccgucacuaacgggca . . . . .	5	0	H61
. . . . . cccguuuugacgaucgcaaaaGug . . . . .	1	1	H61
. . . . . cccgGuuugacgaucgcaaaaug . . . . .	1	1	H61
. . . . . cccguuuugacgaucgcaaaaug . . . . .	32	0	H61
. . . . . cguuuuugacgaucgcaaaaug . . . . .	2	0	H61
. . . . . uuugugaccgucacuaacgggc . . . . .	7	0	B04
. . . . . uuugugaccgucacuaacgggca . . . . .	3	0	B04
. . . . . uuugugaccgucacuaacgggA . . . . .	1	1	H43
. . . . . uuugugaccgucacuaacg . . . . .	1	0	H01
. . . . . uuugugaccgucacuaacgg . . . . .	2	0	H01
. . . . . uuugugaccgucacuaacgggc . . . . .	11	0	H01
. . . . . uuugugaccgucacuaacgggca . . . . .	5	0	H01
. . . . . uuugugaccgucacuaGcgggca . . . . .	1	1	H01
. . . . . uuugugaccgucacuaacgggcU . . . . .	2	1	H01
. . . . . uuugugaccgucacuaacgggcaUu . . . . .	1	1	H01
. . . . . uugugaccgucacuaacgggca . . . . .	3	0	H01
. . . . . uuugugaccgucacuaacgg . . . . .	1	0	H63
. . . . . uuugugaccgucacuaacgggc . . . . .	12	0	H63
. . . . . uuugugaGcgucacuaacgggca . . . . .	1	1	H63
. . . . . uuugugaccgucacCaacgggca . . . . .	1	1	H63
. . . . . uuugugaccgucacuaacgggcU . . . . .	8	1	H63
. . . . . uuuguLaccgucacuaacgggca . . . . .	1	1	H63
. . . . . uuugugaccgucCCuaacgggca . . . . .	1	1	H63
. . . . . uuGgugaccgucacuaacgggca . . . . .	1	1	H63
. . . . . uuugugaccgucacuaacggCc . . . . .	2	1	H63
. . . . . uuugugaccgucacuGacgggca . . . . .	1	1	H63
. . . . . uuugugacUgucacuaacgggca . . . . .	1	1	H63
. . . . . uuugugaccgucacuaacgggca . . . . .	412	0	H63
. . . . . uuugugaccgucacuaacgggcaUu . . . . .	1	1	H63
. . . . . uugugaccgucacuaacgggca . . . . .	9	0	H63
. . . . . cccguuuugacgaucgcaaaau . . . . .	3	0	H63
. . . . . cccguuuugacgaucgcaaaaug . . . . .	29	0	H63
. . . . . ccguuuugacgaucgcaaaaug . . . . .	2	0	H63
. . . . . uuugugGccgucacuaacgggc . . . . .	2	1	H44
. . . . . uuugugaccgucacuaacgggc . . . . .	2	0	H44
. . . . . uuugugaccgucacuaacgggca . . . . .	1	0	H44
. . . . . uuugugaccgucacuaacgg . . . . .	1	0	E03
. . . . . uuugugaccgucacuaacgggc . . . . .	13	0	E03
. . . . . uuugugaccgucacuaacgggca . . . . .	12	0	E03
. . . . . uuugugaccgucacuaacgggcaU . . . . .	1	1	E03
. . . . . uugugaccgucacuaacgggc . . . . .	2	0	E03
. . . . . uugugaccgucacuaacgggca . . . . .	3	0	E03
. . . . . uuugugaccgucacuaacgg . . . . .	2	0	H33
. . . . . uuugugaccgucacuaacgggc . . . . .	4	0	H33

## Mature

## Star

aucguuguuagcgaaguugguuuugugaccgucacuaacgggcaguuucggcuauuugcccguuuugacgaucgcgcaaaugaacucgcguagacuauagucagccaaguacaa			
.....uuugugaccgucacuaacgggca.....	1	0	H33
.....uuugugaccgucacuaacgggcaguuucggcuauuugcccguuuug.....	1	0	H33
.....uugugaccgucacuaacgggc.....	1	0	H33
.....uuugugaccgucacuaacgggc.....	1	0	H53
.....uugugaccgucacuaacgggca.....	1	0	H53
.....uuugugaccgucacuaacgggc.....	1	0	R74
.....uuugugaccgucacuaacgggca.....	3	0	R74
.....uuugugaccgucacuaacgggc.....	2	0	R72
.....uuugugaccgucacuaacgggca.....	2	0	R72
.....guuuugugaccgucacuaacgg.....	1	0	H74
.....guuuugugaccgucacuaacgUgc.....	1	1	H74
.....guuuugugaccgucacuaacgggc.....	1	0	H74
.....Cuuuugugaccgucacuaacgggca.....	1	1	H74
.....uuugugaccgucacuaac.....	1	0	H74
.....uuugugaccgucacuaacg.....	19	0	H74
.....uuugugaccgucacuaacU.....	1	1	H74
.....uuugugaccgucacuaacAg.....	1	1	H74
.....uuugugaccgucacuaacgA.....	2	1	H74
.....uuugugaccgucacuaacUg.....	1	1	H74
.....uuugCgaccgucacuaacgg.....	1	1	H74
.....uuugugaccgucacuaacgg.....	177	0	H74
.....uuugugaccgucacCaaacgg.....	1	1	H74
.....uuugugaccgucacuaacggA.....	2	1	H74
.....uuugugaccgucacuaacggg.....	16	0	H74
.....uuugugaccgucacuaacggU.....	2	1	H74
.....uuugugaccgGcacuaacggg.....	1	1	H74
.....uuugugaccgucacuaacgUgc.....	1	1	H74
.....uuugGgaccgucacuaacgggc.....	1	1	H74
.....uuugugaccgucacAaacgggc.....	1	1	H74
.....uuCgugaccgucacuaacgggc.....	1	1	H74
.....uuugugaccgucacuaaUgggc.....	1	1	H74
.....uuugugaccUucacuaacgggc.....	1	1	H74
.....uuugugaAcgucacuaacgggc.....	1	1	H74
.....uuugugaccgucacGaacgggc.....	1	1	H74
.....uuugugaccgucacuaacUggc.....	1	1	H74
.....uuAgugaccgucacuaacgggc.....	4	1	H74
.....uuuUugaccgucacuaacgggc.....	1	1	H74
.....uuugCgaccgucacuaacgggc.....	1	1	H74
.....uuuguUaccgucacuaacgggc.....	1	1	H74
.....uuugugacAgucacuaacgggc.....	1	1	H74
.....uuugugaccgucacuaacgggc.....	646	0	H74
.....uuugugacGgucacuaacgggca.....	1	1	H74
.....uuugCgaccgucacuaacgggca.....	1	1	H74
.....uuugugaAcgucacuaacgggca.....	1	1	H74
.....uuAgugaccgucacuaacgggca.....	1	1	H74
.....Cuugugaccgucacuaacgggca.....	1	1	H74
.....uuugugaccgucacuaCcgggca.....	2	1	H74
.....uuugugaccgucacuaacUggca.....	2	1	H74
.....uuugugaccgucacuaUcgggca.....	2	1	H74
.....uuugugaccgucacuaacggAca.....	1	1	H74
.....uuugugaccgucacAaacgggca.....	1	1	H74
.....uuugGgaccgucacuaacgggca.....	1	1	H74
.....uuugugaccgucacuaacCggca.....	1	1	H74
.....uuugugaccgucacuaacgggca.....	1409	0	H74
.....uuugugaccgucacuaacgAgca.....	1	1	H74
.....uuugugaccgucacuaacgggUa.....	1	1	H74
.....uuugugaccgucacuGacgggca.....	1	1	H74
.....uuugugaccgucacuaacAggca.....	1	1	H74
.....uuugugacUgucacuaacgggca.....	1	1	H74
.....uuuUugaccgucacuaacgggca.....	1	1	H74
.....uuugugaccgucacCaacgggca.....	1	1	H74
.....uuugugaccgucacuaGcgggca.....	3	1	H74
.....uuugugaccgucacuaacggCca.....	1	1	H74
.....uuGgugaccgucacuaacgggca.....	1	1	H74
.....uuugugaccgucacuaacgggcC.....	1	1	H74
.....uuugugaUcgucacuaacgggca.....	2	1	H74

## Mature

## Star

aucguuguuagcgaaguugguuuugugaccgucacuaacgggcaguuocggcuauuugcccguuuugacgaucgcaaaaugaacucgcguagacuauagucagccaaguacaa

.....uuugugaccgucacuaacgggcU.....	29	1	H74
.....uuugugaccgucacuaacgggcaA.....	1	1	H74
.....uuugugaccgucacuaacgggcaU.....	6	1	H74
.....uuugugaccgucacuaacgggcaUu.....	17	1	H74
.....uuugugaccgucacuaacgggcaguuocggcuauuugcccguuuu.....	1	0	H74
.....uuugugaccgucacuaacgggcaguuocggcuauuugcccguuuug.....	5	0	H74
.....uuugugaccgucacuaacgggcaguuocggcuauuugcccguuuugU.....	1	1	H74
.....uuugugaccgucacuaacgggcaguuocggcuauuugcccguuuuga.....	2	0	H74
.....uuugugaccgucacuaacgggcaguuocggcuauuugcccguuuugaA.....	1	1	H74
.....uugugacUgucacuaacgggc.....	1	1	H74
.....uugugaccgucacuaacgggc.....	14	0	H74
.....uugugaccgucacuaacgggca.....	62	0	H74
.....uuUugaccgucacuaacgggca.....	1	1	H74
.....uugugaccgucacuaacgggcaUu.....	1	1	H74
.....cccguuuugacgaucgcaaaaug.....	2	0	H74
.....guuuugugaccgucacuaacgg.....	1	0	H73
.....uuugugaccgucacuaacU.....	1	1	H73
.....uuugugaGcgucacuaacg.....	1	1	H73
.....uuugugaccgucacuaacg.....	14	0	H73
.....uuAgugaccgucacuaacgg.....	1	1	H73
.....uuugAgaccgucacuaacgg.....	1	1	H73
.....uuugugaccgucacuaacgU.....	1	1	H73
.....uuugugaccgucacuaacgg.....	176	0	H73
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.....uuugugaccgucacuaacggg.....	12	0	H73
.....uuCgugaccgucacuaacgggc.....	1	1	H73
.....uuugugaccgucacuaacggAc.....	3	1	H73
.....uuugugaccUucacuaacgggc.....	1	1	H73
.....uuAgugaccgucacuaacgggc.....	1	1	H73
.....uuugugaccgucacuaacgggU.....	1	1	H73
.....uuugAgaccgucacuaacgggc.....	1	1	H73
.....uuugugaccgucacuaacUggc.....	1	1	H73
.....uuugugaccgucacuaacgggc.....	657	0	H73
.....uuugGgaccgucacuaacgggc.....	2	1	H73
.....uuugugaccgucacAaacgggc.....	1	1	H73
.....uuugugaccgucacuaaUggc.....	1	1	H73
.....uuugugaccgUAcuaacgggc.....	1	1	H73
.....uuugugaccgucacuaacgggca.....	1170	0	H73
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## Mature

## Star

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## Mature

## Star

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Mature

Star

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