

[illegible]

## Mature

## Star

cgucucacaguaacgggggauuagcucaaaugguagcgcgcccgcuucgcacgcgcgagguaccgggaucgauacccgggagucagcacuuuugucaaccgagaugcguc

. . . . . Aggggauuagcucaaaug . . . . .	1	1	s13
. . . . . gggggauuagcucaaaugg . . . . .	2	0	s13
. . . . . Aggggauuagcucaaaugg . . . . .	1	1	s13
. . . . . gggggauuagcucaaauggA . . . . .	1	1	s13
. . . . . gggggauuagcucaaauggu . . . . .	3	0	s13
. . . . . gggggauuagcucaaauggua . . . . .	9	0	s13
. . . . . ggggauuagcucaaaugg . . . . .	1	0	s13
. . . . . ggggauuagcucaaauggu . . . . .	1	0	s13
. . . . . ggggauuagcucaaauggua . . . . .	4	0	s13
. . . . . Agggauuagcucaaaugguag . . . . .	2	1	s13
. . . . . gggauuagcucaaauggua . . . . .	1	0	s13
. . . . . . . . . . . aUgcgcgagguaccggga . . . . .	2	1	s13
. . . . . . . . . . . aUgcgcgagguaccgggauc . . . . .	1	1	s13
. . . . . . . . . . . Ugcgcgagguaccgggaucg . . . . .	1	1	s13
. . . . . . . . . . . Acgcgagguaccgggaucg . . . . .	1	1	s13
. . . . . . . . . . . agguaccgggaucgUuac . . . . .	1	1	s13
. . . . . aguaacgggggauuagcucaaaugguag . . . . .	1	0	s72
. . . . . aAgggggauuagcucaaaugg . . . . .	1	1	s72
. . . . . cgggggauuagcucaaaugg . . . . .	1	0	s72
. . . . . gggggauuagcucaaaug . . . . .	10	0	s72
. . . . . Aggggauuagcucaaaug . . . . .	3	1	s72
. . . . . Aggggauuagcucaaaugg . . . . .	1	1	s72
. . . . . gggggCuuaagcucaaaugg . . . . .	1	1	s72
. . . . . gggggauuagcucaaaugg . . . . .	12	0	s72
. . . . . gggggauuagcucaaCugg . . . . .	1	1	s72
. . . . . gggggauuagcucaaauggu . . . . .	3	0	s72
. . . . . gggggCuuaagcucaaauggua . . . . .	1	1	s72
. . . . . gggggauuagcucaaauggua . . . . .	9	0	s72
. . . . . gggggauuagcucaaaugguag . . . . .	4	0	s72
. . . . . Aggggauuagcucaaaugguag . . . . .	1	1	s72
. . . . . ggggCuuaagcucaaaugg . . . . .	1	1	s72
. . . . . ggggauuagcucaaaugg . . . . .	2	0	s72
. . . . . Agggauuagcucaaaugg . . . . .	1	1	s72
. . . . . Agggauuagcucaaauggu . . . . .	1	1	s72
. . . . . ggggauuagcucaaauggua . . . . .	4	0	s72
. . . . . ggggauuagcucaaaugguag . . . . .	2	0	s72
. . . . . Agggauuagcucaaaugguag . . . . .	3	1	s72
. . . . . ggggCuuaagcucaaaugguag . . . . .	1	1	s72
. . . . . gggauuagcucaaauggua . . . . .	1	0	s72
. . . . . . . . . . . gauuagcucaaaugguag . . . . .	1	0	s72
. . . . . . . . . . . aUgcgcgagguaccgggauc . . . . .	1	1	s72
. . . . . . . . . . . aUgcgcgagguaccgggaucg . . . . .	1	1	s72
. . . . . . . . . . . Agcgcgagguaccgggaucg . . . . .	2	1	s72
. . . . . gggggauuagcucaaaugg . . . . .	2	0	s09
. . . . . Aggggauuagcucaaaugg . . . . .	3	1	s09
. . . . . gggggauuagcucaaauggu . . . . .	4	0	s09
. . . . . gggggauuagcucaaauggua . . . . .	11	0	s09
. . . . . gggggauuagcucCauggua . . . . .	1	1	s09
. . . . . gggggauuagcucaaaugguag . . . . .	2	0	s09
. . . . . gggggauuaAcucaaaugguag . . . . .	1	1	s09
. . . . . ggggauuagcucaaaugg . . . . .	3	0	s09
. . . . . ggggauuagcucCauggu . . . . .	1	1	s09
. . . . . ggggauuagcucaaauggu . . . . .	1	0	s09
. . . . . ggggauuagcucaaauggua . . . . .	1	0	s09
. . . . . . . . . . . aUgcgcgagguaccggga . . . . .	1	1	s09
. . . . . . . . . . . aUgcgcgagguaccgggauc . . . . .	1	1	s09
. . . . . . . . . . . Agcgcgagguaccgggaucg . . . . .	3	1	s09
. . . . . . . . . . . gcgcgagguaccgggaucg . . . . .	1	0	s09
. . . . . . . . . . . Acgcgagguaccgggaucg . . . . .	2	1	s09
. . . . . . . . . . . Agguaccgggaucgaua . . . . .	1	1	s09
. . . . . . . . . . . agguaccgggaucgauGc . . . . .	1	1	s09
. . . . . . . . . . . agguaccgggaucgauacc . . . . .	1	0	s09
. . . . . aguaacgggggauuagcu . . . . .	1	0	s52
. . . . . aguaacgggggauuagcucaaauggu . . . . .	1	0	s52
. . . . . aAgggggauuagcucaaa . . . . .	1	1	s52
. . . . . acgggggauuagcucaaa . . . . .	1	0	s52

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cgucucacaguaaacgggggauuagcucaaaugguagcgcgcccgcuucgcacgcgcgagguaccgggaucgauacccgggagucagcacuuuugucaaccgagauagcguc

.....Agggggauuagcucaaaugguagcg.....	1	1	s52
.....gggggauuagcucaaaug.....	10	0	s52
.....Aggggauuagcucaaaug.....	2	1	s52
.....gggggauuagcuAaaugg.....	1	1	s52
.....gggggauuagcucaaaugg.....	15	0	s52
.....gggggauuagcucaaauggu.....	5	0	s52
.....gggggauuagcucaaauggua.....	19	0	s52
.....Aggggauuagcucaaaugguag.....	8	1	s52
.....gggggauuagcucaaaugguag.....	5	0	s52
.....Agggauuagcucaaaugg.....	2	1	s52
.....ggggauuagcucaaaugg.....	2	0	s52
.....ggggauuagcucaaauggu.....	1	0	s52
.....Agggauuagcucaaauggu.....	2	1	s52
.....ggggauuagcucaaauggua.....	4	0	s52
.....Agggauuagcucaaauggua.....	1	1	s52
.....Agggauuagcucaaaugguag.....	1	1	s52
.....ggggauuagcucaaaugguag.....	4	0	s52
.....gggauuagcucaaauggu.....	4	0	s52
.....gggauuagcucaaauggua.....	2	0	s52
.....gggauuagcucaaaugguag.....	3	0	s52
.....gauuagcucaaaugguag.....	1	0	s52
.....Acgcacgcgcgagguaccggga.....	1	1	s52
.....Agcgcgagguaccgggauc.....	1	1	s52
.....Agcgcgagguaccgggaucg.....	1	1	s52
.....agguaccgggaucGUac.....	1	1	s52
.....agguaccgggaucgauacc.....	1	0	s52
.....agguaccgggaucGUuacc.....	1	1	s52
.....agguaccgggaucGUaccg.....	2	1	s52
.....Acgauaccggagucagcacu.....	1	1	s52
.....Agauaccggagucagcacuuu.....	1	1	s52
.....auaccggagucagcacu.....	1	0	s52
.....auaccggagucagcacuuu.....	1	0	s52
.....auaccggagucagcacuuu.....	1	0	s52
.....accggagucagcacuuuA.....	1	1	s52
.....uaacgggggauuagcucaaauggua.....	1	0	s23
.....aAgggggauuagcucaaaug.....	1	1	s23
.....gggggauuagcucaaaug.....	4	0	s23
.....gggggauuagcucaaaugg.....	7	0	s23
.....gggggauuagcucaaauggu.....	2	0	s23
.....gggggCUuagcucaaauggua.....	1	1	s23
.....gggggauuagcucaaauggua.....	12	0	s23
.....gggggauuagcucaaaugguag.....	6	0	s23
.....Aggggauuagcucaaaugguag.....	1	1	s23
.....gggggauuCGcucaaaugguag.....	1	1	s23
.....ggggCUuagcucaaaugg.....	1	1	s23
.....ggggCUuagcucaaauggu.....	1	1	s23
.....gggggauuagcucaaauggA.....	1	1	s23
.....gggggauuagcucaaauggu.....	1	0	s23
.....ggggauuagcucaaauggua.....	3	0	s23
.....ggggCUuagcucaaauggua.....	1	1	s23
.....Agggauuagcucaaauggua.....	1	1	s23
.....ggggauuagcucaaaugguag.....	3	0	s23
.....Agggauuagcucaaaugguag.....	1	1	s23
.....gggauuagcucaaauggua.....	1	0	s23
.....gggauuagcucaaaugguag.....	1	0	s23
.....ggauuagcucaaaugguag.....	1	0	s23
.....Agcuucgcacgcgcgagguaccgggauc.....	1	1	s23
.....aUgcgcgagguaccggga.....	5	1	s23
.....acgcgAgagguaccggga.....	1	1	s23
.....aUgcgcgagguaccgggaucg.....	2	1	s23
.....Acgcgagguaccgggaucgauaccggag.....	1	1	s23
.....agguaccgggaucgauacc.....	1	0	s23
.....aguaacgggggauuagcu.....	2	0	s35
.....aguaacgggggauuagcucaa.....	1	0	s35
.....aguaacgggggauuagcucaaauggu.....	1	0	s35
.....acgggggauuagcucaa.....	2	0	s35
.....aAgggggauuagcucaaauggu.....	1	1	s35
.....gggggauuagcucaaaug.....	6	0	s35

## Mature

## Star

cgucucaguaac	gggggauuagcucaaaugguagcgcgcccgcuucgcacgcgcgagguaccgggaucgauaccgggagucagcacuuuugucaaccgagaugcguc			
.....	.Aggggauuagcucaaaug.....	1	1	s35
.....	.gggggauuaAcucaaaugg.....	1	1	s35
.....	.gggggauuagcucaaaugg.....	2	0	s35
.....	.gggggauuagcucaaauggu.....	11	0	s35
.....	.gggggauuagcucaaauggAa.....	1	1	s35
.....	.gggggauuagcucaaauggua.....	16	0	s35
.....	.Aggggauuagcucaaauggua.....	2	1	s35
.....	.gggggauuagcucaaaugguag.....	5	0	s35
.....	.Aggggauuagcucaaaugguag.....	1	1	s35
.....	.ggggCauuagcucaaaugguag.....	1	1	s35
.....	.ggggauuagcucaaaugg.....	1	0	s35
.....	.Agggauuagcucaaaugg.....	2	1	s35
.....	.ggggauuagcucaaauggu.....	2	0	s35
.....	.ggggauuagcucaaauggua.....	2	0	s35
.....	.ggggauuagcucaaaugguag.....	2	0	s35
.....	.Agggauuagcucaaaugguag.....	3	1	s35
.....	.gggauuagcucaaauggu.....	1	0	s35
.....	.gggauuagcucaaauggua.....	1	0	s35
.....	.....auuagcucaaaugguagcgcgccc.....	1	0	s35
.....	.....aUgcgcgagguaccggga.....	6	1	s35
.....	.....aUgcgcgagguaccgggaucg.....	1	1	s35
.....	.....Agcgcgagguaccgggaucg.....	2	1	s35
.....	.....gcgcgagguaccgggaucg.....	1	0	s35
.....	.....agguaccgggaucgauacc.....	1	0	s35
.....	.....aucgauaccgggagucagcacuuu.....	1	0	s35
.....	.....Acgauaccgggagucagcacuuu.....	1	1	s35
.....	.....Aauaccgggagucagcacuuu.....	1	1	s35
.....	.....auaccgggagucagcacu.....	1	0	s35
.....	.....auaccgggagucagcacuuu.....	1	0	s35
.....	.....gggggauuagcucaaaug.....	1	0	s85
.....	.Aggggauuagcucaaaug.....	5	1	s85
.....	.gggggauuagcucaaaugg.....	18	0	s85
.....	.Aggggauuagcucaaaugg.....	2	1	s85
.....	.gggggauuagcucaaauggu.....	2	0	s85
.....	.gggggauuagcucaaauggua.....	2	0	s85
.....	.Aggggauuagcucaaaugguag.....	1	1	s85
.....	.gggggauuagcucaaaugguag.....	1	0	s85
.....	.gggggauuagcucaaaugg.....	4	0	s85
.....	.Aggggauuagcucaaaugg.....	1	1	s85
.....	.ggggauuagcucaaauggua.....	1	0	s85
.....	.Agggauuagcucaaaugguag.....	1	1	s85
.....	.....acgcgAgagguaccggga.....	1	1	s85
.....	.....aUgcgcgagguaccgggaucg.....	1	1	s85
.....	.....Ugcgcgagguaccgggau.....	1	1	s85
.....	.....Agcgcgagguaccgggaucg.....	1	1	s85