



Mature

[illegible]

Star

Mature

| | | | |
|---|-----|---|-----|
| a <u>ua</u> u <u>ccc</u> ac <u>u</u> gucac <u>u</u> g <u>ua</u> uuuuu <u>cu</u> ggu <u>ua</u> aa <u>ac</u> acucgc <u>cu</u> aa <u>agg</u> cucgug <u>u</u> g <u>ua</u> ac <u>cc</u> gaaaaaa <u>aa</u> ca <u>ag</u> u <u>ga</u> cucguggg <u>ga</u> uuu <u>cc</u> au <u>ag</u> ua <u>ua</u> accacucgaa | | | |
| .ua <u>ccc</u> ac <u>u</u> gucac <u>u</u> g <u>ua</u> | 2 | 1 | s02 |
| .ua <u>ccc</u> ac <u>u</u> gucac <u>u</u> g <u>ua</u> | 17 | 0 | s02 |
| .ua <u>ccc</u> ac <u>u</u> gucac <u>u</u> u <u>ua</u> | 1 | 1 | s02 |
| .ua <u>ccc</u> ac <u>u</u> gucac <u>u</u> g <u>ua</u> | 3 | 0 | s02 |
| .ua <u>ccc</u> ac <u>u</u> g <u>ac</u> ac <u>u</u> g <u>ua</u> | 3 | 1 | s02 |
| .ua <u>ccc</u> ac <u>u</u> gucac <u>u</u> g <u>ua</u> A..... | 5 | 1 | s02 |
| .ua <u>ccc</u> ac <u>u</u> gucac <u>u</u> g <u>ua</u> uu <u>u</u> | 1 | 1 | s02 |
| .a <u>ccc</u> ac <u>u</u> gucac <u>u</u> g <u>ua</u> | 1 | 0 | s02 |
| .a <u>ccc</u> ac <u>u</u> gucac <u>u</u> g <u>ua</u> A..... | 2 | 1 | s02 |
| .u <u>ccc</u> ac <u>u</u> gucac <u>u</u> g <u>ua</u> | 5 | 0 | s02 |
| .u <u>ccc</u> ac <u>u</u> gucac <u>u</u> g <u>ua</u> | 1 | 1 | s02 |
| .u <u>ccc</u> ac <u>u</u> gucac <u>u</u> g <u>ua</u> | 11 | 0 | s02 |
| .u <u>ccc</u> ac <u>u</u> gucac <u>u</u> g <u>ua</u> C..... | 5 | 1 | s02 |
| .u <u>ccc</u> ac <u>u</u> gucac <u>u</u> g <u>ua</u> A..... | 3 | 1 | s02 |
| .u <u>ccc</u> ac <u>u</u> gucac <u>u</u> g <u>ua</u> uu <u>u</u> | 1 | 1 | s02 |
| .u <u>ccc</u> ac <u>u</u> gucac <u>u</u> g <u>ua</u> uuu..... | 2 | 0 | s02 |
| .c <u>cc</u> ac <u>u</u> gucac <u>u</u> g <u>ua</u> uuuu <u>cu</u> ggu..... | 1 | 0 | s02 |
| .c <u>cc</u> ac <u>u</u> gucac <u>u</u> g <u>ua</u> | 2 | 0 | s02 |
| .c <u>ac</u> u <u>g</u> ucac <u>u</u> g <u>ua</u> uuuu <u>cu</u> ggu..... | 1 | 0 | s02 |
| .a <u>c</u> u <u>g</u> ucac <u>u</u> g <u>ua</u> uuuu <u>cu</u> | 2 | 0 | s02 |
| .c <u>u</u> gucac <u>u</u> g <u>ua</u> uuuu <u>cu</u> | 1 | 0 | s02 |
| .u <u>g</u> ucac <u>u</u> g <u>ua</u> uuuu <u>cu</u> gg..... | 1 | 0 | s02 |
| .u <u>g</u> ucac <u>u</u> g <u>ua</u> uuuu <u>cu</u> ggu..... | 1 | 0 | s02 |
| .uauuu <u>cu</u> ggu <u>ua</u> aa <u>ac</u> acucgA..... | 1 | 1 | s02 |
| .uuu <u>cu</u> Cggu <u>ua</u> aa <u>ac</u> acucg..... | 1 | 1 | s02 |
| .uaaaggcucgug <u>u</u> g <u>ua</u> cGcc..... | 1 | 1 | s02 |
| .caagugacucguggg <u>ga</u> uu..... | 1 | 0 | s02 |
| .caagugacucguggg <u>ga</u> uuu..... | 113 | 0 | s02 |
| .caagugacucguggg <u>ga</u> uuuc..... | 1 | 0 | s02 |
| .caagugacucguggg <u>ga</u> uuuA..... | 4 | 1 | s02 |
| .caagugacucguggg <u>ga</u> uuucU..... | 2 | 1 | s02 |
| .caagugacucguggg <u>ga</u> uuucc..... | 1 | 0 | s02 |
| .aagugacucguggg <u>ga</u> uu..... | 4 | 0 | s02 |
| .aagugGcucguggg <u>ga</u> uu..... | 1 | 1 | s02 |
| .aagugacucguggg <u>ga</u> uu..... | 9 | 0 | s02 |
| .aagugacucguggg <u>ga</u> uuuc..... | 3 | 0 | s02 |
| .aagugacucguggg <u>ga</u> uuucU..... | 1 | 1 | s02 |
| .aagugacucguggg <u>ga</u> uuucc..... | 1 | 0 | s02 |
| .aagugacucguggg <u>ga</u> uuucUau..... | 1 | 1 | s02 |
| .agugacucguggg <u>ga</u> uu..... | 35 | 0 | s02 |
| .agugacucguggg <u>ga</u> uuuc..... | 12 | 0 | s02 |
| .agugacucguggg <u>ga</u> uuucU..... | 12 | 1 | s02 |
| .agugacucguggg <u>ga</u> uuucc..... | 34 | 0 | s02 |
| .agugacucguggg <u>ga</u> uuucca..... | 32 | 0 | s02 |
| .agugacucguggg <u>ga</u> uuuccaA..... | 1 | 1 | s02 |
| .agugacucguggg <u>ga</u> uuuAcaua..... | 1 | 1 | s02 |
| .agugacucguggg <u>ga</u> uuuccaGa..... | 1 | 1 | s02 |
| .gugacucguggg <u>ga</u> uuucUaua..... | 2 | 1 | s02 |
| .ugacucguggg <u>ga</u> uuucca..... | 6 | 0 | s02 |
| .ugacucguggg <u>ga</u> uuuccau..... | 1 | 0 | s02 |
| .ugacucguggg <u>ga</u> uuuccaua..... | 3 | 0 | s02 |
| .ugacucguggg <u>ga</u> uuuccauC..... | 1 | 1 | s02 |
| .auauuccau <u>ag</u> ua <u>ua</u> accacu..... | 1 | 0 | s02 |
| .auuuccau <u>ag</u> ua <u>ua</u> accacu..... | 1 | 0 | s02 |
| .auuccau <u>ag</u> ua <u>ua</u> accacucU..... | 1 | 1 | s02 |
| .auuccau <u>ag</u> ua <u>ua</u> accacucga..... | 1 | 0 | s02 |
| | | | |
| .ua <u>ccc</u> ac <u>u</u> gucac <u>u</u> g <u>u</u> | 3 | 0 | s10 |
| .ua <u>ccc</u> ac <u>u</u> gucac <u>u</u> g <u>ua</u> | 4 | 0 | s10 |
| .ua <u>ccc</u> ac <u>u</u> gucac <u>u</u> g <u>ua</u> | 2 | 1 | s10 |
| .u <u>ccc</u> ac <u>u</u> gucac <u>u</u> g <u>ua</u> | 1 | 0 | s10 |
| .uuuu <u>cu</u> ggu <u>ua</u> Gacacucgc..... | 1 | 1 | s10 |
| .caagugacucguggg <u>ga</u> uu..... | 5 | 0 | s10 |
| .agugacucguggg <u>ga</u> uuucc..... | 2 | 0 | s10 |
| .ugacucguggg <u>ga</u> uuucca..... | 2 | 0 | s10 |
| | | | |
| aua <u>ccc</u> ac <u>u</u> gucac <u>u</u> uC..... | 1 | 1 | s17 |
| aua <u>ccc</u> ac <u>u</u> gucac <u>u</u> g <u>ua</u> | 1 | 0 | s17 |
| .ua <u>ccc</u> ac <u>u</u> gucac <u>u</u> g <u>u</u> | 1 | 0 | s17 |
| .ua <u>ccc</u> ac <u>u</u> gucac <u>u</u> g <u>ua</u> | 2 | 0 | s17 |

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|--|----------------------|---------------------|-----|--|--|
| auaucccacuugucacuuguuuuuucuuugguauaaacacucgcuccuaaaggcucguguguaacaccgaaaaaaaaa | caagugacucguggggauuu | ccauaguauaccacucgaa | | | |
|ugacucguggggauuuuccaua..... | 4 | 0 | s12 | | |
|uuuccauaguauaccac..... | 1 | 0 | s12 | | |
|uuuccauaguauaccacga. | 1 | 0 | s12 | | |
| ...ucccacuugucacuuguauC..... | 1 | 1 | s14 | | |
|caagugacucguggggauuu..... | 1 | 0 | s14 | | |
|agugacucguggggauuuucc..... | 3 | 0 | s14 | | |
|agugacucguggggauuuucca..... | 2 | 0 | s14 | | |
| .uaucccacuugucacuug..... | 1 | 0 | s19 | | |
| ...ucccacuugucacuuguauu..... | 1 | 0 | s19 | | |
|acuugucacuuguauuuucu..... | 1 | 0 | s19 | | |
|caagugacucguggggauuu..... | 9 | 0 | s19 | | |
|caagugacucguggggauuuuccau..... | 1 | 0 | s19 | | |
|agugacucguggggauuuucU..... | 1 | 1 | s19 | | |
|agugacucguggggauuuucc..... | 2 | 0 | s19 | | |
|agugacucguggggauuuucca..... | 5 | 0 | s19 | | |
|ugacucguggggauuuucca..... | 3 | 0 | s19 | | |
|ugacucguggggauuuuccau..... | 1 | 0 | s19 | | |
|ugacucguggggauuuuccaua..... | 4 | 0 | s19 | | |
|caagugacucguggggauu..... | 2 | 0 | s16 | | |
|caagugacucguggggauuu..... | 1 | 0 | s16 | | |
|agugacucguggggauuuuc..... | 2 | 0 | s16 | | |
|agugacucguggggauuuucca..... | 2 | 0 | s16 | | |
|ugacucguggggauuuuccau..... | 1 | 0 | s16 | | |
| auaucccacuugucacuuguauA..... | 2 | 1 | s15 | | |
|agugacucguggggauuu..... | 1 | 0 | s15 | | |
|agugacucguUggauuuucca..... | 2 | 1 | s15 | | |
|ugacucguggggauuuuccauaguauaccU..... | 2 | 1 | s15 | | |
|ugacucguggggauuuuccauaguauaccC..... | 1 | 1 | s15 | | |
| .uaucccacuugucacuug..... | 1 | 0 | s03 | | |
| .uaucccacuugucacuugu..... | 1 | 0 | s03 | | |
| .uaucccacuugucacuugua..... | 1 | 0 | s03 | | |
| .aucccacuugucacuugua..... | 1 | 0 | s03 | | |
|caagugacucguggggauuu..... | 1 | 0 | s03 | | |
|agugacucguggggauuuucc..... | 4 | 0 | s03 | | |
|agugacucguggggauuuucca..... | 2 | 0 | s03 | | |
| auaucccacuugucacuug..... | 1 | 0 | s06 | | |
| auaucccacuugucacuugu..... | 1 | 0 | s06 | | |
| auaucccacuugucacuuguauA..... | 1 | 1 | s06 | | |
| .uaucccacuugucacuugu..... | 2 | 0 | s06 | | |
| .aucccacuugucacuuguauu..... | 1 | 0 | s06 | | |
| ...ucccacuugucacuugua..... | 3 | 0 | s06 | | |
| ...ccacuugucacuuguauuuucuuuggua..... | 1 | 0 | s06 | | |
| ...cacuugucacuuguauuuucuuuggu..... | 1 | 0 | s06 | | |
|uuuucacuuguauuuucuu..... | 1 | 0 | s06 | | |
|caagugacucguggggauuu..... | 14 | 0 | s06 | | |
|aagugacucguggggauuuuc..... | 1 | 0 | s06 | | |
|agugacucguggggauuu..... | 8 | 0 | s06 | | |
|agugacucguggggauuuuc..... | 1 | 0 | s06 | | |
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|agugacucguggggauuuucca..... | 1 | 0 | s06 | | |
|ugacucguggggauuuuccauC..... | 1 | 1 | s06 | | |
| auaucccacuugucacuugua..... | 1 | 0 | s07 | | |
| .uaucccacuugucacuug..... | 4 | 0 | s07 | | |
| .uaucccacuugucacuuguauu..... | 4 | 0 | s07 | | |
| .uaucccacuugucacuuguauA..... | 1 | 1 | s07 | | |
| .aucccacuugucacuugu..... | 2 | 0 | s07 | | |
| ...ucccacuugucacuuguauu..... | 3 | 0 | s07 | | |
| ...ccacuugucacuuguauuA..... | 1 | 1 | s07 | | |
|caagugacucguggggauuu..... | 10 | 0 | s07 | | |
|caagugacucguggggauuuA..... | 2 | 1 | s07 | | |
|agugacucguggggauuu..... | 3 | 0 | s07 | | |
|agugacucguggggauuuuc..... | 1 | 0 | s07 | | |

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|--|-------------------------------|---------------------|---|---|-----|
| auaucccacuugucacuuguaauuuucuugguaaaacacucgccuaaaggcucguguguaacccgaaaaaaaaa | caagugacucguggggauauu | ccauaguauaccacucgaa | | | |
| ..... | agugacucguggggauauucU | ..... | 1 | 1 | s07 |
| ..... | agugacucguggggauauucc | ..... | 1 | 0 | s07 |
| ..... | agugacucguggggauauucca | ..... | 2 | 0 | s07 |
| ..... | ugacucguggggauauucca | ..... | 2 | 0 | s07 |
| ..... | ugacucguggggauauuccau | ..... | 1 | 0 | s07 |
| ..... | ugacucguggggauauuccaua | ..... | 1 | 0 | s07 |
| ..... | .....uuccauaguaGaccacucg | ..... | 1 | 1 | s07 |
| auaucccacuugucacuug | ..... | ..... | 1 | 0 | s09 |
| .uaucccacuugucacuugua | ..... | ..... | 2 | 0 | s09 |
| ...ucccacuugucacuuguaau | ..... | ..... | 1 | 0 | s09 |
| ..... | cucgccuaaaggcucgugugu | ..... | 1 | 0 | s09 |
| ..... | .....caagugacucguggggauauu | ..... | 2 | 0 | s09 |
| ..... | .....caagugacucguggggauauuc | ..... | 2 | 0 | s09 |
| ..... | .....agugacucguggggauauucc | ..... | 2 | 0 | s09 |
| ..... | .....agugacucguggggauauuccaua | ..... | 1 | 0 | s09 |
| ..... | .....ugacucguggggauauuccaua | ..... | 1 | 0 | s09 |
| ..... | .....agugacucguggggauauucca | ..... | 1 | 0 | s04 |
| auaucccacuugucacuug | ..... | ..... | 4 | 0 | s08 |
| .uaucccacuugucacuugu | ..... | ..... | 1 | 0 | s08 |
| .uaucccacuugucacuugua | ..... | ..... | 1 | 0 | s08 |
| ...ucccacuugucacuuguaau | ..... | ..... | 2 | 0 | s08 |
| ...cccacuugucacuuguaauuucu | ..... | ..... | 1 | 0 | s08 |
| ..... | .....uuuucuugguaaGacacucgc | ..... | 1 | 1 | s08 |
| ..... | .....caagugacucguggggauauu | ..... | 3 | 0 | s08 |
| ..... | .....agugacucguggggauauu | ..... | 1 | 0 | s08 |
| ..... | .....agugacucguggggauauucU | ..... | 3 | 1 | s08 |
| ..... | .....agugacucguggggauauucc | ..... | 9 | 0 | s08 |
| ..... | .....agugacucguggggauauucca | ..... | 3 | 0 | s08 |
| ..... | .....agugacucguggggauauuccG | ..... | 1 | 1 | s08 |
| ..... | .....agugacucguggggauauuccau | ..... | 1 | 0 | s08 |
| ..... | .....gugacucguggggauauucc | ..... | 1 | 0 | s08 |
| ..... | .....ugacucguggggauauuccaG | ..... | 2 | 1 | s08 |
| ..... | .....ugacucguggggauauuccau | ..... | 2 | 0 | s08 |