

[illegible]

Star

Mature

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|----------------------------------------------------------------------------------------------------------------------|----|---|-----|
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|ugacGagauuuuacacuuauccu..... | 12 | 1 | H24 |
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|ugacuagauuuuacacuuauucGu..... | 4 | 1 | H24 |

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| uuuuucgcauguaccgacuaaagucuaaaggacgguaggugacuuucuaaguucaaguuuguuguaucuuugacuagauuuuacacuuauccuucagaguagacgccgcuuucu | | | |
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|ugacuagauuuuacacCuauccu..... | 2 | 1 | H24 |
|ugacuUGauuuuacacuuauccu..... | 2 | 1 | H24 |
|ugacuagCuuuucacuuauccu..... | 2 | 1 | H24 |
|ugGcuagauuuuacacuuauccu..... | 6 | 1 | H24 |
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|ugacuagauuuuacacuuauccuu..... | 29 | 0 | H24 |
|ugacuagauuuuacacuuauccuC..... | 8 | 1 | H24 |
|ugacuagauuuuacacuuauccuG..... | 3 | 1 | H24 |
|ugacuagauuuuacacuuauccuA..... | 1 | 1 | H24 |
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|gguaggugacuuucuaagAucaa..... | 1 | 1 | H51 |
|gguaggugacuuucuaaguucaC..... | 1 | 1 | H51 |
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|ugacuagauuuuacacuuauccC..... | 16 | 1 | H51 |
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|ugacuagCuuuuacacuuauccu..... | 5 | 1 | H51 |

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| uuuuucgcauguaccgacuaaagucuaacauggacgggagggugacuuucuaaguucaaguuuuguuguaucuuugacuaaguuuuacacuuauccuucagaguagacgccgcuucu | | | |
|ugacuagauuuuacacuuuGccu..... | 8 | 1 | H51 |
|uUacuagauuuuacacuuauccu..... | 3 | 1 | H51 |
|ugacuagauuuuacacuuauccG..... | 12 | 1 | H51 |
|ugacCagauuuuacacuuauccu..... | 6 | 1 | H51 |
|ugacuagauuuuacacuuauucUu..... | 5 | 1 | H51 |
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|ugacuagauAuuacacuuauccu..... | 1 | 1 | H51 |
|ugacuagauuuuacacuCauccu..... | 4 | 1 | H51 |
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|ugacuagauuuuacacuuauccuC..... | 2 | 1 | H51 |
|ugacuagauuuuacacuuauccuA..... | 3 | 1 | H51 |
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|gguaggugacuuucuaagAucaag..... | 1 | 1 | A31 |
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|ugacuagaCuuuacacuuauccu..... | 1 | 1 | R71 |
|ugacuaCauuuuacacuuauccu..... | 2 | 1 | R71 |
|ugacGagauuuuacacuuauccu..... | 1 | 1 | R71 |

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| | | | | 3 | 1 | R71 |
| | | | | 1 | 1 | R71 |
| | | | | 4 | 1 | R71 |
| | | | | 3 | 1 | R71 |
| | | | | 1 | 1 | R71 |
| | | | | 1 | 1 | R71 |
| | | | | 1 | 1 | R71 |
| | | | | 1 | 1 | R71 |
| | | | | 1 | 1 | R71 |
| | | | | 6 | 1 | R71 |
| | | | | 1 | 1 | R71 |
| | | | | 10 | 1 | R71 |
| | | | | 5 | 1 | R71 |
| | | | | 1 | 1 | R71 |
| | | | | 2 | 1 | R71 |
| | | | | 5 | 1 | R71 |
| | | | | 1 | 1 | R71 |
| | | | | 8 | 1 | R71 |
| | | | | 10 | 1 | R71 |
| | | | | 1 | 1 | R71 |
| | | | | 1 | 1 | R71 |
| | | | | 5 | 1 | R71 |
| | | | | 1 | 1 | R71 |
| | | | | 4 | 1 | R71 |
| | | | | 1 | 1 | R71 |
| | | | | 6075 | 0 | R71 |
| | | | | 1 | 1 | R71 |
| | | | | 1 | 1 | R71 |
| | | | | 3 | 1 | R71 |
| | | | | 5 | 1 | R71 |
| | | | | 2 | 1 | R71 |
| | | | | 6 | 1 | R71 |
| | | | | 16 | 1 | R71 |
| | | | | 6 | 1 | R71 |
| | | | | 9 | 1 | R71 |
| | | | | 1 | 1 | R71 |
| | | | | 1 | 1 | R71 |
| | | | | 3 | 1 | R71 |
| | | | | 1 | 1 | R71 |
| | | | | 2 | 1 | R71 |
| | | | | 4 | 1 | R71 |
| | | | | 31 | 0 | R71 |
| | | | | 1 | 1 | R71 |
| | | | | 1 | 1 | R71 |
| | | | | 5 | 1 | R71 |
| | | | | 1 | 1 | R71 |
| | | | | 2 | 0 | R71 |
| | | | | 1 | 0 | R71 |
| | | | | 1 | 0 | R71 |
| | | | | 1 | 0 | R71 |
| | | | | 1 | 0 | H72 |
| | | | | 1 | 0 | H72 |
| | | | | 1 | 1 | H72 |
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| | | | | 2 | 0 | H72 |
| | | | | 1 | 1 | H72 |
| | | | | 24 | 0 | H72 |
| | | | | 21 | 0 | H72 |
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| | | | | 2 | 1 | H72 |
| | | | | 2 | 1 | H72 |
| | | | | 1 | 1 | H72 |
| | | | | 2 | 1 | H72 |
| | | | | 2485 | 0 | H72 |
| | | | | 2 | 1 | H72 |
| | | | | 4 | 1 | H72 |
| | | | | 3 | 1 | H72 |
| | | | | 1 | 1 | H72 |
| | | | | 1 | 1 | H72 |
| | | | | 1 | 1 | H72 |
| | | | | 2 | 1 | H72 |

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| | ugacA | agauuuucacuuauccu | | 5 | 1 | H72 |
| | ugacu | agauuuucacuuA | accu | 1 | 1 | H72 |
| | ugacu | agauuuucacuuau | cAu | 5 | 1 | H72 |
| ..... | ugC | cuagauuuucacuuauccu | ..... | 9 | 1 | H72 |
| ..... | ugacu | agauuuucacuuA | Gccu | 4 | 1 | H72 |
| ..... | ugacu | agauuuucacuuau | ccG | 2 | 1 | H72 |
| ..... | ugacu | agauuuucacuuA | auccu | 2 | 1 | H72 |
| ..... | ugacu | agauuuucacuuA | Cccu | 1 | 1 | H72 |
| ..... | ugacu | agauuuC | ucacuuauccu | 3 | 1 | H72 |
| ..... | ugacu | agauuuucacuuauccuu | ..... | 14 | 0 | H72 |
| ..... | ugacu | agauuuucacuuauccuA | ..... | 1 | 1 | H72 |
| ..... | ugacu | agauuuucacuuauccuuU | ..... | 2 | 1 | H72 |
| ..... | gacu | agauuuucacuuauccu | ..... | 1 | 0 | H72 |
|gcauguaccgacuaaagucuaaaggac | ..... | ..... | ..... | 1 | 0 | H52 |
| ..... | ggua | aggugacuuucua | guuc | 3 | 0 | H52 |
| ..... | ggua | aggugacuuucua | guuca | 1 | 0 | H52 |
| ..... | ggua | aggugacuuucua | guucU | 7 | 1 | H52 |
| ..... | ggua | aggugacuuucua | guucUa | 1 | 1 | H52 |
| ..... | ggua | aggugacuuucua | guuca | 3 | 0 | H52 |
| ..... | ggua | aggugacuuucua | guucaC | 4 | 1 | H52 |
| ..... | ggua | aggugacuuucua | guucaA | 1 | 1 | H52 |
| ..... | ggua | aggugacuuucua | guucaag | 4 | 0 | H52 |
| ..... | ggua | aggugacuuucua | guucaagu | 1 | 0 | H52 |
| ..... | C | gacuagauuuucacuuauccu | ..... | 12 | 1 | H52 |
| ..... | ugacu | agauuuucacuuau | ..... | 6 | 0 | H52 |
| ..... | ugacu | agauuuucacuuauA | ..... | 1 | 1 | H52 |
| ..... | ugacu | agauuuucacuuau | c | 57 | 0 | H52 |
| ..... | ugacu | agauuuucacuuau | cU | 1 | 1 | H52 |
| ..... | ugac | A | agauuuucacuuau | cc | 1 | H52 |
| ..... | ugG | cuagauuuucacuuau | cc | 1 | 1 | H52 |
| ..... | ugacu | agauuuucacuuau | cc | 102 | 0 | H52 |
| ..... | ugacu | agauuuucacuuA | auccu | 3 | 1 | H52 |
| ..... | ugacu | agauuuucacuuauccu | ..... | 8407 | 0 | H52 |
| ..... | ugacu | agauuuucaU | uuauccu | 6 | 1 | H52 |
| ..... | ugacu | agauuuucacuuA | Cccu | 7 | 1 | H52 |
| ..... | uU | acuagauuuucacuuauccu | ..... | 5 | 1 | H52 |
| ..... | ugacu | agauuuucacuuC | auccu | 1 | 1 | H52 |
| ..... | ugacu | agauuuucU | uuauccu | 2 | 1 | H52 |
| ..... | ugacu | agauuuucacuuauA | c | 2 | 1 | H52 |
| ..... | ugacu | G | auuuucacuuauccu | 1 | 1 | H52 |
| ..... | ugacu | agU | uuucacuuauccu | 4 | 1 | H52 |
| ..... | ugacu | agauuuucaA | uuauccu | 3 | 1 | H52 |
| ..... | ugacu | agauCu | ucacuuauccu | 1 | 1 | H52 |
| ..... | A | gacuagauuuucacuuauccu | ..... | 1 | 1 | H52 |
| ..... | ugacu | agauuuuA | cuuauccu | 2 | 1 | H52 |
| ..... | ugacu | agauuuucacuuG | auccu | 7 | 1 | H52 |
| ..... | ugac | G | auuuucacuuauccu | 6 | 1 | H52 |
| ..... | ugacu | agauuuucacuuA | Gccu | 15 | 1 | H52 |
| ..... | ugacu | agauuuucacuuau | Gcu | 1 | 1 | H52 |
| ..... | ugacu | agauuuucacuuau | cUu | 4 | 1 | H52 |
| ..... | ugacu | agauuuucacU | auccu | 1 | 1 | H52 |
| ..... | ugacu | ua | Cuuuuucacuuauccu | 1 | 1 | H52 |
| ..... | ugac | A | agauuuucacuuauccu | 8 | 1 | H52 |
| ..... | ugacu | agauuuucC | uuauccu | 1 | 1 | H52 |
| ..... | ugacu | agaCu | uuucacuuauccu | 3 | 1 | H52 |
| ..... | ugacu | agauuuucacuuau | ccG | 7 | 1 | H52 |
| ..... | ugacu | agauuuucacuuau | ccA | 2 | 1 | H52 |
| ..... | ugacu | agaA | uuucacuuauccu | 1 | 1 | H52 |
| ..... | ugacu | agauuuucacuuU | ccu | 1 | 1 | H52 |
| ..... | ugacu | agGu | uuucacuuauccu | 3 | 1 | H52 |
| ..... | ugacu | agauuuucacA | Auauccu | 1 | 1 | H52 |
| ..... | ugU | cuagauuuucacuuauccu | ..... | 11 | 1 | H52 |
| ..... | ugacu | UG | uuucacuuauccu | 2 | 1 | H52 |
| ..... | ugacu | uaA | uuuuucacuuauccu | 1 | 1 | H52 |
| ..... | ugacu | agauuuucacuuA | Accu | 7 | 1 | H52 |
| ..... | C | gacuagauuuucacuuauccu | ..... | 3 | 1 | H52 |
| | ugG | cuagauuuucacuuauccu | | 10 | 1 | H52 |
| | ugacu | agCu | uuucacuuauccu | 4 | 1 | H52 |
| | ugacu | agauuuucacuuau | cGu | 4 | 1 | H52 |

Star

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|-------------------------------------------------------------------------------------------------------------------|------|---|-----|
| uuuuucgcauguaccgacuaaagucuaaaggacgguaggugacuuucuaagucaaguuuguuguaucuuugacuagauuuuacacuuauccuucagaguagacgccgcucucu | | | |
|ugacuagauuuuGacuuauccu..... | 1 | 1 | H52 |
|ugacCagauuuuacacuuauccu..... | 13 | 1 | H52 |
|ugacuagauuuuacacuuauccAu..... | 9 | 1 | H52 |
|ugacuagauuuuacacuuauUcu..... | 2 | 1 | H52 |
|ugaAuagauuuuacacuuauccu..... | 1 | 1 | H52 |
|ugacuagauuuuCcacuuauccu..... | 1 | 1 | H52 |
|uAacuagauuuuacacuuauccu..... | 1 | 1 | H52 |
|ugCcuagauuuuacacuuauccu..... | 14 | 1 | H52 |
|ugacuagauuuuacacuuauccC..... | 6 | 1 | H52 |
|ugacuagauuuuacacuuauccGu..... | 5 | 1 | H52 |
|ugacuagauuuuacacuuauccuu..... | 20 | 0 | H52 |
|ugacuagauuuuacacuuauccCu..... | 2 | 1 | H52 |
|ugacuagauuuuacacuuauccuA..... | 2 | 1 | H52 |
|ugacuagauuuuacacuuauccuC..... | 3 | 1 | H52 |
|ugacuagauuuuacacuuauccuuc..... | 2 | 0 | H52 |
|ugacuagauuuuacacuuauccuuU..... | 24 | 1 | H52 |
|gacuagauuuuacacuuauccu..... | 7 | 0 | H52 |
|uagauuuuacacuuauccu..... | 1 | 0 | H52 |
|cgacuaaagucuaaaggac..... | 1 | 0 | H32 |
|acuaaagucuaaaggac..... | 2 | 0 | H32 |
|gguaggugacuuucuaaguuc..... | 2 | 0 | H32 |
|gguaggugacuuucuaaguucU..... | 1 | 1 | H32 |
|gguaggugacuuucuaaguuca..... | 1 | 0 | H32 |
|gguaggugacuuucuaaguucaag..... | 4 | 0 | H32 |
|Cugacuagauuuuacacuuauccu..... | 3 | 1 | H32 |
|ugacuagauuuuacacuuau..... | 1 | 0 | H32 |
|ugacuagauuuuacacuAauc..... | 1 | 1 | H32 |
|ugacuagauuuuacacuuaucc..... | 60 | 0 | H32 |
|ugacuagauuuuacacuuaucc..... | 57 | 0 | H32 |
|ugacuagauuuuacacuuauAac..... | 1 | 1 | H32 |
|ugacuagauuuuacacuuauGcc..... | 1 | 1 | H32 |
|ugacCagauuuuacacuuaucc..... | 1 | 1 | H32 |
|ugacuagauuuuacacuuauccU..... | 1 | 1 | H32 |
|ugacuagauuuuacacuuauccAu..... | 5 | 1 | H32 |
|ugacuagGuuuuacacuuauccu..... | 2 | 1 | H32 |
|ugacuagauuuuacacuAauccu..... | 10 | 1 | H32 |
|ugacuagauuuuacacuAuuauccu..... | 2 | 1 | H32 |
|ugacGagauuuuacacuuauccu..... | 4 | 1 | H32 |
|ugacuaUauuuuacacuuauccu..... | 2 | 1 | H32 |
|Cgacuagauuuuacacuuauccu..... | 1 | 1 | H32 |
|ugacuGgauuuuacacuuauccu..... | 1 | 1 | H32 |
|ugacuagauuuuUacuuauccu..... | 3 | 1 | H32 |
|ugacuagauuuuacacuCauccu..... | 4 | 1 | H32 |
|ugacuagauuuuacacuUcuauccu..... | 2 | 1 | H32 |
|ugacCagauuuuacacuuauccu..... | 8 | 1 | H32 |
|ugacuagauuuuacacuAuuauccu..... | 1 | 1 | H32 |
|ugacuagauuuuacacuuauccu..... | 5512 | 0 | H32 |
|ugacuAagauuuuacacuuauccu..... | 4 | 1 | H32 |
|ugacuagauuuuacacuuauCccu..... | 3 | 1 | H32 |
|ugacuagauuuuacacuuauccGu..... | 4 | 1 | H32 |
|ugacuaAauuuuacacuuauccu..... | 1 | 1 | H32 |
|ugacuagauuuuacacuuauccUu..... | 4 | 1 | H32 |
|ugacuagauuuuacacuuauccG..... | 10 | 1 | H32 |
|ugacuUgauuuuacacuuauccu..... | 1 | 1 | H32 |
|ugacuagauuuuacacuuauUcu..... | 4 | 1 | H32 |
|ugacuagUuuuuacacuuauccu..... | 1 | 1 | H32 |
|ugacuagauuuuacacuuauGccu..... | 9 | 1 | H32 |
|ugacuagauuuuacacuuauccC..... | 5 | 1 | H32 |
|ugUcuagauuuuacacuuauccu..... | 5 | 1 | H32 |
|ugacuagauuuuacacuuauccGu..... | 6 | 1 | H32 |
|ugacuagauuuuacacuuauAcu..... | 2 | 1 | H32 |
|ugGcuagauuuuacacuuauccu..... | 4 | 1 | H32 |
|ugacuagauuuuacacuuauAccu..... | 8 | 1 | H32 |
|ugacuagauuuuAacuuauccu..... | 1 | 1 | H32 |
|uUacuagauuuuacacuuauccu..... | 4 | 1 | H32 |
|ugacuagauuuuacGcuuauccu..... | 1 | 1 | H32 |
|ugCcuagauuuuacacuuauccu..... | 11 | 1 | H32 |
|ugacuagauuuuacCuuuauccu..... | 2 | 1 | H32 |
|ugacuagauuuuacAUuuauccu..... | 1 | 1 | H32 |

Star

Mature

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|-----------------------------------|-----------------------------------------|------------------------|-----------------------|--|-----|--|
| uuuuucgcauguaccgacuaaagucuaaaggac | gguaaggugacuuucuaaguucaaguuuguuguaucuu | ugacuagauuuucacuuauccu | ucagaguagacgccgcucucu | | | |
| ..... | ugacuagauuuucacuuauccA..... | 1 | 1 | | H32 | |
| ..... | ugacuagauuuucacuuGauccu..... | 8 | 1 | | H32 | |
| ..... | ugaAuagauuuucacuuauccu..... | 1 | 1 | | H32 | |
| ..... | ugacuagaAuuuucacuuauccu..... | 3 | 1 | | H32 | |
| ..... | ugacuagCuuuuucacuuauccuu..... | 1 | 1 | | H32 | |
| ..... | ugacuagauuuucacuuauccuu..... | 17 | 0 | | H32 | |
| ..... | ugacuagauuuucacuuauccuC..... | 6 | 1 | | H32 | |
| ..... | ugGcuagauuuucacuuauccuu..... | 2 | 1 | | H32 | |
| ..... | ugacuagauuuucacuuauccCu..... | 1 | 1 | | H32 | |
| ..... | ugacuagauuuucacuuauccuG..... | 1 | 1 | | H32 | |
| ..... | ugacuagauuuucacuuauccuuU..... | 13 | 1 | | H32 | |
| ..... | ugacuagauuuucacuuauccuuca..... | 1 | 0 | | H32 | |
| ..... | gacuagauuuucacuuauccu..... | 2 | 0 | | H32 | |
| ..... | cgacuaaagucuaaaggac..... | 1 | 0 | | A43 | |
| ..... | cgguaaggugacuuucuaaguucaag..... | 1 | 0 | | A43 | |
| ..... | gguaaggugacuuucuaaguucU..... | 1 | 1 | | A43 | |
| ..... | gguaaggugacuuucuaaguucaaa..... | 2 | 0 | | A43 | |
| ..... | gguaaggugacuuucuaaguucaag..... | 2 | 0 | | A43 | |
| ..... | Cugacuagauuuucacuuauccu..... | 1 | 1 | | A43 | |
| ..... | ugacuagauuuucacuuauu..... | 3 | 0 | | A43 | |
| ..... | ugacuagauuuucacuuau..... | 27 | 0 | | A43 | |
| ..... | ugacuagauuuucacuuaucc..... | 55 | 0 | | A43 | |
| ..... | ugaUuagauuuucacuuauccu..... | 1 | 1 | | A43 | |
| ..... | ugacuagauuuucacuuAuccu..... | 4 | 1 | | A43 | |
| ..... | ugacuagauuuuUacuuauccu..... | 1 | 1 | | A43 | |
| ..... | ugacuagauuuucacuuauccu..... | 1828 | 0 | | A43 | |
| ..... | ugacuagaCuuuacacuuauccu..... | 1 | 1 | | A43 | |
| ..... | ugacuagauuuuAacuuauccu..... | 1 | 1 | | A43 | |
| ..... | ugacuagauuuucacuuauccC..... | 4 | 1 | | A43 | |
| ..... | ugacuagauuuucacuuCauccu..... | 6 | 1 | | A43 | |
| ..... | ugacuagauuuucGcuuauccu..... | 1 | 1 | | A43 | |
| ..... | ugacuagauuuucacuuuCCcu..... | 1 | 1 | | A43 | |
| ..... | ugacuagauuuucacuuUuccu..... | 1 | 1 | | A43 | |
| ..... | ugacuagauuuucCcuuauccu..... | 1 | 1 | | A43 | |
| ..... | ugacuagauuuucacuuauGcu..... | 1 | 1 | | A43 | |
| ..... | ugacAagauuuucacuuauccu..... | 1 | 1 | | A43 | |
| ..... | uUacuagauuuucacuuauccu..... | 1 | 1 | | A43 | |
| ..... | ugacuagauuuucacuuuGccu..... | 3 | 1 | | A43 | |
| ..... | ugacuagauuuucacuuuAu..... | 3 | 1 | | A43 | |
| ..... | uCacuagauuuucacuuauccu..... | 1 | 1 | | A43 | |
| ..... | Agacuagauuuucacuuauccu..... | 1 | 1 | | A43 | |
| ..... | ugacuagauuuucacuuauccG..... | 7 | 1 | | A43 | |
| ..... | ugacuagauuuucacuuuAAccu..... | 2 | 1 | | A43 | |
| ..... | ugacuagauuuucacuuuauGcu..... | 1 | 1 | | A43 | |
| ..... | Ggacuagauuuucacuuauccu..... | 1 | 1 | | A43 | |
| ..... | ugacuGgauuuucacuuauccu..... | 3 | 1 | | A43 | |
| ..... | ugacuagauuuucacuuGauccu..... | 11 | 1 | | A43 | |
| ..... | ugUcuagauuuucacuuauccu..... | 2 | 1 | | A43 | |
| ..... | ugacuagauuuucacuuauCuu..... | 1 | 1 | | A43 | |
| ..... | ugCcuagauuuucacuuauccu..... | 1 | 1 | | A43 | |
| ..... | ugacuagauuuucacuuauccCu..... | 1 | 1 | | A43 | |
| ..... | ugacuagauuuucacuuGauccuu..... | 1 | 1 | | A43 | |
| ..... | ugacuagauuuucacuuauccuA..... | 3 | 1 | | A43 | |
| ..... | ugacuagauuuucacuuauccuu..... | 9 | 0 | | A43 | |
| ..... | ugacuagauuuucacuuauccuuU..... | 13 | 1 | | A43 | |
| ..... | ugacuagauuuucacuuauccuuUa..... | 1 | 1 | | A43 | |
| ..... | ugacuagauuuucacuuauccuuca..... | 1 | 0 | | A43 | |
| ..... | gacuagauuuucacuuauccuuU..... | 1 | 1 | | A43 | |
| ..... | acuagauuuucacuuauccu..... | 1 | 0 | | A43 | |
| ..... | gguaaggugacuuucuaaguuc..... | 1 | 0 | | H03 | |
| ..... | gguaaggugacuuucuaaguucU..... | 1 | 1 | | H03 | |
| ..... | gguaaggugacuuucuaagAucaag..... | 10 | 1 | | H03 | |
| ..... | gguaaggugacuuucuaaguucaag..... | 1 | 0 | | H03 | |
| ..... | gguaaggugacuuucuaaguucaaguuguuauuc..... | 1 | 0 | | H03 | |
| ..... | guaggugacuuucuaagAucaag..... | 1 | 1 | | H03 | |
| | Cugacuagauuuucacuuauccu..... | 9 | 1 | | H03 | |
| | Augacuagauuuucacuuauccu..... | 1 | 1 | | H03 | |
| | ugacuagauuuucacuuau..... | 6 | 0 | | H03 | |

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|---------------------------------------------------------------------------------------------------------------------|-------|---|-----|
| uuuuucgcauguaccgacuaaagucuaacauggacgguaggugacuuucuaaguuaaguuuguuguaucuuugacuagauuuuacacuuauccuucagaguagacgccgcucucu | | | |
|ugacuagauuuuacacUauuc..... | 1 | 1 | H03 |
|ugacuagauuuuacacuuauuc..... | 52 | 0 | H03 |
|ugacuagauuuuacacuuauucc..... | 111 | 0 | H03 |
|ugacuagauuuuacacuuauucU..... | 2 | 1 | H03 |
|ugacuagGuuuuacacuuauucc..... | 1 | 1 | H03 |
|ugacuagauuuuacacuuauucAu..... | 15 | 1 | H03 |
|ugacuagaCuuuacacuuauuccu..... | 1 | 1 | H03 |
|ugacuagauuuuacacuuauuAcu..... | 7 | 1 | H03 |
|ugacuaUauuuuacacuuauuccu..... | 9 | 1 | H03 |
|ugacuagauuuuacacuuauuccC..... | 11 | 1 | H03 |
|ugacuagauuuuacacuuauucUu..... | 3 | 1 | H03 |
|ugacuagauuuuacacuuuAaccu..... | 1 | 1 | H03 |
|ugacuagaGuuuacacuuauuccu..... | 1 | 1 | H03 |
|ugacuagauuuuacacuuuGcuuauuccu..... | 1 | 1 | H03 |
|ugacuagauuuuacacuuuuccu..... | 2 | 1 | H03 |
|ugacuagauuuuUacuuuauuccu..... | 3 | 1 | H03 |
|ugaUuagauuuuacacuuuauuccu..... | 1 | 1 | H03 |
|ugacuagauuuuAacuuuauuccu..... | 2 | 1 | H03 |
|uUacuagauuuuacacuuuauuccu..... | 6 | 1 | H03 |
|ugacuagauuuuacacUauauuccu..... | 2 | 1 | H03 |
|ugacuaCaauuuuacacuuuauuccu..... | 1 | 1 | H03 |
|ugacuagauuuuacacuuauUcu..... | 5 | 1 | H03 |
|ugacuagauuuuacacuCauccu..... | 27 | 1 | H03 |
|ugacuagauuuuacacuuuauuccu..... | 11643 | 0 | H03 |
|ugacuagGuuuuacacuuuauuccu..... | 1 | 1 | H03 |
|ugacuagauuuuacacuuuauuccu..... | 3 | 1 | H03 |
|Cgacuagauuuuacacuuuauuccu..... | 2 | 1 | H03 |
|ugacuagauuuuacacUuuuauuccu..... | 1 | 1 | H03 |
|ugacuagauuuuacacuuuauGcu..... | 6 | 1 | H03 |
|uCacuagauuuuacacuuuauuccu..... | 1 | 1 | H03 |
|ugacuagauuCuacacuuuauuccu..... | 2 | 1 | H03 |
|uAacuagauuuuacacuuuauuccu..... | 1 | 1 | H03 |
|ugacuagauuuuacacuuuauuccu..... | 1 | 1 | H03 |
|ugacuGgauuuuacacuuuauuccu..... | 2 | 1 | H03 |
|ugacAagauuuuacacuuuauuccu..... | 1 | 1 | H03 |
|Agacuagauuuuacacuuuauuccu..... | 1 | 1 | H03 |
|ugacuagauuuuacacuAauuccu..... | 30 | 1 | H03 |
|ugacuagauuuuacacuuauuccG..... | 20 | 1 | H03 |
|Ggacuagauuuuacacuuuauuccu..... | 1 | 1 | H03 |
|ugacuagauuuuacacuuuAccu..... | 4 | 1 | H03 |
|ugacuagUuuuuacacuuuauuccu..... | 3 | 1 | H03 |
|ugUcuagauuuuacacuuuauuccu..... | 3 | 1 | H03 |
|ugacuaAauuuuacacuuuauuccu..... | 1 | 1 | H03 |
|ugacuagauuAucacuuuauuccu..... | 1 | 1 | H03 |
|ugacuagauuuuacacuGauuccu..... | 35 | 1 | H03 |
|ugacuagauuuuacacuuuauGcu..... | 6 | 1 | H03 |
|ugGcuagauuuuacacuuuauuccu..... | 22 | 1 | H03 |
|ugCcuagauuuuacacuuuauuccu..... | 9 | 1 | H03 |
|ugacuagauAuuacacuuuauuccu..... | 2 | 1 | H03 |
|ugacuUgauuuuacacuuuauuccu..... | 4 | 1 | H03 |
|ugacuagauuuuacacuuuauuccu..... | 4 | 1 | H03 |
|ugacuagauuuuacacuuuGccu..... | 4 | 1 | H03 |
|ugacuagauuuuacacuuuauuccA..... | 12 | 1 | H03 |
|ugacuagaAuuuacacuuuauuccu..... | 5 | 1 | H03 |
|ugacuagauuuuacacGuuauuccu..... | 2 | 1 | H03 |
|ugacuagauuuuacacuuuauuccuA..... | 4 | 1 | H03 |
|ugacuagauuuuacacuAauuccuu..... | 1 | 1 | H03 |
|ugacuagauuuuacacuuuauuccuu..... | 62 | 0 | H03 |
|ugacuagauuuuacacuuuauuccuG..... | 5 | 1 | H03 |
|ugacuagauuuuacacuuuauuccCu..... | 1 | 1 | H03 |
|ugacuagauuuuacacuuuauuccuC..... | 14 | 1 | H03 |
|ugacuagauuuuacacuuuauuccuuA..... | 1 | 1 | H03 |
|ugacuagauuuuacacuuuauuccuuU..... | 16 | 1 | H03 |
|ugacuagauuuuacacuuuauuccuuca..... | 1 | 0 | H03 |
|Uacuagauuuuacacuuuauuccu..... | 1 | 1 | H03 |
|gacuagauuuuacacuuuauuccu..... | 3 | 0 | H03 |
|acuagauuuuacacuuuauuccu..... | 1 | 0 | H03 |
|uagauuuuacacuuuauuccu..... | 1 | 0 | H03 |
|Cugacuagauuuuacacuuuauuccu..... | 1 | 1 | A54 |

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|--------------------------------------------------------------------------------------------------------------------|------|---|-----|
| uuuuucgcauguaccgacuaaagucuaaaggacgguaggugacuuucuauguucaaguuuguuguaucuuugacuagauuuuacacuuauccuucagaguagacgccgcucucu | | | |
|ugacuagauuuuacacuuauuc..... | 10 | 0 | A54 |
|ugacuagauuuuacacuAauc..... | 1 | 1 | A54 |
|ugacuagauuuuacacuuaucc..... | 24 | 0 | A54 |
|ugacuagauuuuacacuuauucU..... | 2 | 1 | A54 |
|ugacuagauuuuucUcuuauccu..... | 1 | 1 | A54 |
|ugacuagauAuuacacuuauccu..... | 1 | 1 | A54 |
|ugacuagauuuuAcacuuauccu..... | 1 | 1 | A54 |
|ugacuagauuuuacacuGauccu..... | 2 | 1 | A54 |
|ugacuagauuuuacacuuuAccu..... | 1 | 1 | A54 |
|ugacuGgauuuuacacuuauccu..... | 1 | 1 | A54 |
|ugacuagauuuuacacuuuGccu..... | 2 | 1 | A54 |
|ugacuagauuuuAacuuauccu..... | 1 | 1 | A54 |
|ugCcuagauuuuacacuuauccu..... | 1 | 1 | A54 |
|ugacuagauuuuacacuuauccG..... | 3 | 1 | A54 |
|ugacuagauuuuacacuuauccA..... | 2 | 1 | A54 |
|ugacuagauuuuacacuCauccu..... | 5 | 1 | A54 |
|uUacuagauuuuacacuuauccu..... | 2 | 1 | A54 |
|ugacuagauuuuacacuuauccu..... | 1195 | 0 | A54 |
|ugacuagauuuuacacuuauccGu..... | 1 | 1 | A54 |
|ugacuagaCuuuacacuuauccu..... | 1 | 1 | A54 |
|ugacuagauuuuacacuuuAccu..... | 1 | 1 | A54 |
|Agacuagauuuuacacuuauccu..... | 1 | 1 | A54 |
|ugacuagauuuuacacuuuAacu..... | 1 | 1 | A54 |
|ugacuagauuuuacacuAauccu..... | 4 | 1 | A54 |
|ugacuagauuuuacacuuauccuC..... | 1 | 1 | A54 |
|ugacuagauuuuacacuuauccuu..... | 4 | 0 | A54 |
|ugacuagauuuuacacuuuauccuA..... | 1 | 1 | A54 |
|ugacuagauuuuacacuuauccuuU..... | 5 | 1 | A54 |
|gacuagauuuuacacuuauccu..... | 2 | 0 | A54 |
|gguaggugacuuucuauguuc..... | 1 | 0 | H23 |
|gguaggugacuuucuauguuca..... | 1 | 0 | H23 |
|gguaggugacuuucuauguucaag..... | 3 | 0 | H23 |
|Cugacuagauuuuacacuuauccu..... | 6 | 1 | H23 |
|ugacuagauuuuacacuuau..... | 2 | 0 | H23 |
|ugacuagauuuuacacuuauuc..... | 22 | 0 | H23 |
|ugacuagauuuuacacuuuAac..... | 1 | 1 | H23 |
|ugCcuagauuuuacacuuaucc..... | 1 | 1 | H23 |
|ugacuagauuuuacacuuaucc..... | 81 | 0 | H23 |
|ugGcuagauuuuacacuuaucc..... | 1 | 1 | H23 |
|ugacuagauuuuucCuuauccu..... | 2 | 1 | H23 |
|Ggacuagauuuuacacuuauccu..... | 1 | 1 | H23 |
|ugacuagauuCucacuuauccu..... | 2 | 1 | H23 |
|ugacCagauuuuacacuuauccu..... | 7 | 1 | H23 |
|ugacAagauuuuacacuuauccu..... | 8 | 1 | H23 |
|Agacuagauuuuacacuuauccu..... | 1 | 1 | H23 |
|ugGcuagauuuuacacuuauccu..... | 10 | 1 | H23 |
|ugacuagauAuuacacuuauccu..... | 2 | 1 | H23 |
|ugacuagauuuuacacuuauccu..... | 8893 | 0 | H23 |
|uUacuagauuuuacacuuauccu..... | 3 | 1 | H23 |
|ugacuagauuuuacacuuUccu..... | 1 | 1 | H23 |
|ugacuaUauuuuacacuuauccu..... | 6 | 1 | H23 |
|ugacuagaAuuuacacuuauccu..... | 1 | 1 | H23 |
|ugacuagUuuuacacuuauccu..... | 2 | 1 | H23 |
|ugacuagauuuuGacuuauccu..... | 1 | 1 | H23 |
|ugacuagauuuuucGcuuauccu..... | 3 | 1 | H23 |
|ugacuaAauuuuacacuuauccu..... | 1 | 1 | H23 |
|ugacuagauuuucaUuuauccu..... | 3 | 1 | H23 |
|Cgacuagauuuuacacuuauccu..... | 4 | 1 | H23 |
|ugacuagauuuuacacuuauccC..... | 13 | 1 | H23 |
|ugacuagauuuuAacuuauccu..... | 6 | 1 | H23 |
|ugCcuagauuuuacacuuauccu..... | 14 | 1 | H23 |
|ugacuagauuuuacacuuuacAu..... | 7 | 1 | H23 |
|ugacuagauuuucaGuuauccu..... | 6 | 1 | H23 |
|ugacuagauuuuacacuCauccu..... | 3 | 1 | H23 |
|ugacuagauuuuacacuAuuauccu..... | 3 | 1 | H23 |
|ugacuagCuuuuacacuuauccu..... | 1 | 1 | H23 |
|ugacuagauuuuacacCuuauccu..... | 1 | 1 | H23 |
|ugacuagauuuuacacuuuGccu..... | 7 | 1 | H23 |
|ugacuagauuuuacacuuuacUu..... | 3 | 1 | H23 |

Star

Mature

| | | | |
|----------------------------------------------------------------------------------------------------------------------|------|---|-----|
| uuuuucgcauguaccgacuaaugucuaacauggacgguaggugacuuucuauguucaaguuuguuguaucuuugacuagauuuuacacuuauccuucagaguagacgccgcguucu | | | |
|ugacuagauuuuacacuuuA | 2 | 1 | H23 |
|ugacuagauuuuacacuuG | 11 | 1 | H23 |
|ugaAuaagauuuuacacuuauccu | 1 | 1 | H23 |
|ugacuagauuuuacacuuuA | 6 | 1 | H23 |
|uAacuagauuuuacacuuauccu | 1 | 1 | H23 |
|ugacuUgaauuuuacacuuauccu | 1 | 1 | H23 |
|ugacuagauuuuacacuuA | 6 | 1 | H23 |
|ugacuagauuuAucacuuauccu | 1 | 1 | H23 |
|ugacuagauuuuacAuuauccu | 4 | 1 | H23 |
|ugacuagGuuuuacacuuauccu | 2 | 1 | H23 |
|ugacuagauuuuacacuuauG | 6 | 1 | H23 |
|ugacuagaGuuuacacuuauccu | 2 | 1 | H23 |
|ugacGagaauuuuacacuuauccu | 7 | 1 | H23 |
|ugacuagauuuuacacuuuA | 3 | 1 | H23 |
|uCaacuagauuuuacacuuauccu | 2 | 1 | H23 |
|ugacuagauuuuacacuuauccu | 1 | 1 | H23 |
|ugacuagauuuuacacuuauccA | 5 | 1 | H23 |
|ugacuagauuuuacacuuauccG | 5 | 1 | H23 |
|ugUcuagauuuuacacuuauccu | 8 | 1 | H23 |
|ugacuagauuuuacacuuauccuA | 1 | 1 | H23 |
|ugacuagauuuuacacuuuA | 1 | 1 | H23 |
|ugacuagauuuuacacuuauccCu | 2 | 1 | H23 |
|ugacuagauuuuacacuuauccuu | 37 | 0 | H23 |
|ugacuagauuuuacacuuauccuC | 8 | 1 | H23 |
|ugacuagauuuuacacuuauccuuU | 20 | 1 | H23 |
|ugacuagauuuuacacuuauccuuuc | 1 | 0 | H23 |
|Uacuagauuuuacacuuauccu | 1 | 1 | H23 |
|gacuagauuuuacacuuauccu | 8 | 0 | H23 |
|acuagauuuuacacuuauccu | 3 | 0 | H23 |
|ugacuagauuuuacacuuaucc | 12 | 0 | B03 |
|ugacuagauuuuacacuuaucc | 16 | 0 | B03 |
|ugUcuagauuuuacacuuaucc | 1 | 1 | B03 |
|ugacuuaUauuuuacacuuauccu | 1 | 1 | B03 |
|ugacuagauuuuacacuuA | 1 | 1 | B03 |
|ugacuagauuuuacacGuauccu | 1 | 1 | B03 |
|ugacGagaauuuuacacuuauccu | 1 | 1 | B03 |
|ugacuagauuuuacacuuauccu | 1 | 1 | B03 |
|ugacuagaAuuuacacuuauccu | 2 | 1 | B03 |
|ugacCagaauuuuacacuuauccu | 1 | 1 | B03 |
|ugacuagauuuuacacuuauG | 1 | 1 | B03 |
|ugaAuaagauuuuacacuuauccu | 1 | 1 | B03 |
|ugacuagauuuuacacuuG | 1 | 1 | B03 |
|ugacuagauuuuacacuuauccG | 1 | 1 | B03 |
|ugacuagauuuuacGuauccu | 2 | 1 | B03 |
|ugacAagaauuuuacacuuauccu | 1 | 1 | B03 |
|ugacuagauuuuacacuuC | 1 | 1 | B03 |
|ugacuuaAuuuuacacuuauccu | 1 | 1 | B03 |
|ugacuagGuuuuacacuuauccu | 1 | 1 | B03 |
|ugacuagauuuuacAuuauccu | 2 | 1 | B03 |
|uAacuagauuuuacacuuauccu | 1 | 1 | B03 |
|ugCcuagauuuuacacuuauccu | 4 | 1 | B03 |
|ugGcuagauuuuacacuuauccu | 5 | 1 | B03 |
|ugacuagauuuuacacuuauccC | 2 | 1 | B03 |
|ugacuagauuuuacacuuuA | 3 | 1 | B03 |
|ugacuagauuuuacacuuauccu | 1473 | 0 | B03 |
|ugacuagauuuuacacuuuG | 2 | 1 | B03 |
|ugacuagauuuuacacuuauccuA | 1 | 1 | B03 |
|ugacuagauuuuacacuuauccCu | 1 | 1 | B03 |
|ugCcuagauuuuacacuuauccuu | 1 | 1 | B03 |
|ugacuagauuuuacacuuauccuu | 20 | 0 | B03 |
|ugacuagauuuuacacuuauccuuU | 4 | 1 | B03 |
|gguaggugacuuucuaagA | 2 | 1 | A12 |
|ugacuagauuuuacacuuaucc | 2 | 0 | A12 |
|ugacuagauuuuacacuuaucc | 25 | 0 | A12 |
|ugacuagauuuuAacuuauccu | 2 | 1 | A12 |
|ugacuagauuuuacacuuauccGu | 2 | 1 | A12 |
|ugacuagauuuuUacuuauccu | 2 | 1 | A12 |
|ugacuagauuuAucacuuauccu | 1 | 1 | A12 |

Star

Mature

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|---------------------------------------------------------------------------------------------------------------------|------|---|-----|
| uuuuucgcauguaccgacuaaagucuaacauggacgguaggugacuuucuauguucaaguuuguuguaucuuugacuagauuuuacacuuauccuucagaguagacgccgcuucu | | | |
|Agacuagauuuuacacuuauccu..... | 1 | 1 | A12 |
|ugacuagauuuuacacuuauucUu..... | 2 | 1 | A12 |
|ugacuagauuuuacacuuauUcu..... | 1 | 1 | A12 |
|ugaGuagauuuuacacuuauccu..... | 1 | 1 | A12 |
|ugacuagauuuuUcuuauccu..... | 1 | 1 | A12 |
|ugacuagauuuuAcacuuauccu..... | 1 | 1 | A12 |
|ugacuaUauuuuacacuuauccu..... | 1 | 1 | A12 |
|ugacuagauuuuacacuuauccC..... | 4 | 1 | A12 |
|ugGcuagauuuuacacuuauccu..... | 2 | 1 | A12 |
|ugacuagauuuuacacuuAuccu..... | 2 | 1 | A12 |
|ugacuagauuuuacacuuauccu..... | 1092 | 0 | A12 |
|ugUcuagauuuuacacuuauccu..... | 1 | 1 | A12 |
|ugacuagauuuuacacuuauccG..... | 1 | 1 | A12 |
|ugacuagauuuuacacuuGauccu..... | 2 | 1 | A12 |
|ugacuagauuuuacacuuauccA..... | 1 | 1 | A12 |
|ugacuagauuuuacacuuCauccu..... | 3 | 1 | A12 |
|ugacuagauuuuacacuuauccCu..... | 1 | 1 | A12 |
|ugacuagauuuuacacuuauccuA..... | 1 | 1 | A12 |
|ugacuagauuuuacacuuauccuu..... | 11 | 0 | A12 |
|ugacuagauuuuacacuuauccuC..... | 1 | 1 | A12 |
|ugacuagauuuuacacuuauccuuA..... | 1 | 1 | A12 |
|ugacuagauuuuacacuuauccuuU..... | 3 | 1 | A12 |
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|gguaggugacuuucuauguucU..... | 1 | 1 | H12 |
|gguaggugacuuucuaUuucaag..... | 1 | 1 | H12 |
|gguaggugacuuucuaaguucaaguuguuguauc..... | 1 | 0 | H12 |
|Cugacuagauuuuacacuuauccu..... | 7 | 1 | H12 |
|ugacuagauuuuacacuuau..... | 1 | 0 | H12 |
|ugacuagauuuuacacuuauuc..... | 29 | 0 | H12 |
|ugacuagauuuuacacuuauucU..... | 1 | 1 | H12 |
|ugacuagauuuuacacuuaucc..... | 65 | 0 | H12 |
|ugacuagauuuuCcacuuauccu..... | 1 | 1 | H12 |
|ugacuagauuUcacuuauccu..... | 1 | 1 | H12 |
|ugacuagauuuuacacuuauucUu..... | 4 | 1 | H12 |
|ugacuagCuuuuacacuuauccu..... | 3 | 1 | H12 |
|ugacuagauuuuacacuuuAAccu..... | 7 | 1 | H12 |
|ugaGuagauuuuacacuuauccu..... | 1 | 1 | H12 |
|uCaCuagauuuuacacuuauccu..... | 1 | 1 | H12 |
|ugacuagauuuuUcuuauccu..... | 1 | 1 | H12 |
|ugacuagauuuuacacuuuAGccu..... | 6 | 1 | H12 |
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|ugacuUgauuuuacacuuauccu..... | 1 | 1 | H12 |
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|ugacuagauuuuGcacuuauccu..... | 1 | 1 | H12 |
|ugacuagauAuucacuuauccu..... | 1 | 1 | H12 |
|ugacuaCauuuuacacuuauccu..... | 1 | 1 | H12 |
|ugacuagauuuuAcacuuauccu..... | 1 | 1 | H12 |
|ugaUagauuuuacacuuauccu..... | 2 | 1 | H12 |
|ugacuagauuuuUcguuauccu..... | 2 | 1 | H12 |
|ugacuCGauuuuacacuuauccu..... | 2 | 1 | H12 |
|ugacuagauuuuacacuuauccA..... | 5 | 1 | H12 |
|ugacuagauuuuGacuuauccu..... | 1 | 1 | H12 |
|ugacuagauuuuacacuuGauccu..... | 23 | 1 | H12 |
|ugacuagauuuuacacuuauccG..... | 13 | 1 | H12 |
|ugacuagauuuuacacuuauccC..... | 15 | 1 | H12 |
|ugacuagauuuuCaAuauccu..... | 3 | 1 | H12 |
|ugacuGgauuuuacacuuauccu..... | 4 | 1 | H12 |
|ugacuagauuuuacacuuauGcu..... | 2 | 1 | H12 |
|ugUcuagauuuuacacuuauccu..... | 6 | 1 | H12 |
|uUacuagauuuuacacuuauccu..... | 7 | 1 | H12 |
|ugacuaUauuuuacacuuauccu..... | 3 | 1 | H12 |
|Agacuagauuuuacacuuauccu..... | 4 | 1 | H12 |
|ugacuagauuuuAcacuuauccu..... | 3 | 1 | H12 |
|ugacuagauuuuacacuuCauccu..... | 22 | 1 | H12 |
|ugCcuagauuuuacacuuauccu..... | 4 | 1 | H12 |
|ugacGagauuuuacacuuauccu..... | 1 | 1 | H12 |
|ugacuagauuuuUacuuauccu..... | 1 | 1 | H12 |
|ugGcuagauuuuacacuuauccu..... | 6 | 1 | H12 |
|ugacuagauuuuacacuuAuccu..... | 20 | 1 | H12 |

Star

Mature

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|---------------------------------------------------------------------------------------------------------------------|------|---|-----|
| uuuuucgcauguaccgacuaaagucuaaaggacgggagggugacuuucuauguucaaguuuguuguaucuuugacuagauuuuacacuuauccuucagaguagacgccgcucucu | | | |
|ugacuagauuuuacacuuauUcu..... | 1 | 1 | H12 |
|ugaAuagauuuuacacuuauccu..... | 3 | 1 | H12 |
|ugacuagauuuuacacuuauAUcu..... | 4 | 1 | H12 |
|Cgacuagauuuuacacuuauccu..... | 1 | 1 | H12 |
|ugacuagGuuuuacacuuauccu..... | 1 | 1 | H12 |
|ugacuagauuuuacacuuauUGu..... | 7 | 1 | H12 |
|ugacuagUuuuuacacuuauccu..... | 2 | 1 | H12 |
|ugacuagaAuuuacacuuauccu..... | 3 | 1 | H12 |
|ugacuagauuuuacacuuuACcu..... | 6 | 1 | H12 |
|ugacuagauuuuacacuuauAU..... | 9 | 1 | H12 |
|ugacuagauuuuacacuuauCCu..... | 2 | 1 | H12 |
|ugacuagauuuuacacuuauCCuu..... | 39 | 0 | H12 |
|ugacuagauuuuacacuuauCCuC..... | 2 | 1 | H12 |
|ugacuagauuuuacacuuauCCuA..... | 2 | 1 | H12 |
|ugacuagauuuuacacuuauCCuuU..... | 8 | 1 | H12 |
|ugacuagauuuuacacuuauCCuuU..... | 1 | 1 | H12 |
|Uacuagauuuuacacuuauccu..... | 1 | 1 | H12 |
|gacuagauuuuacacuuauccu..... | 5 | 0 | H12 |
|acuagauuuuacacuuauccu..... | 3 | 0 | H12 |
|cuagauuuuacacuuauccu..... | 1 | 0 | H12 |
|Cugacuagauuuuacacuuauccu..... | 4 | 1 | T72 |
|ugacuagauuuuacacuuau..... | 5 | 0 | T72 |
|ugGcuagauuuuacacuuauC..... | 1 | 1 | T72 |
|ugacuagGuuuuacacuuauC..... | 1 | 1 | T72 |
|ugacuagauuuuacacuuauC..... | 51 | 0 | T72 |
|ugacuagauuuuacacuuAUuC..... | 1 | 1 | T72 |
|ugacuagauuuuacacuuAUuCC..... | 1 | 1 | T72 |
|ugacuagauuuuacacuuAUuCC..... | 52 | 0 | T72 |
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|ugacuagauuuuacacuuauCCG..... | 9 | 1 | T72 |
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|ugacuagauuuuacacuuauU..... | 1 | 1 | T72 |
|ugacuagauuuuacacuuuACcu..... | 2 | 1 | T72 |
|ugCuagauuuuacacuuauccu..... | 1 | 1 | T72 |
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|ugacuagauuuuacacuuauCCA..... | 1 | 1 | T72 |
|ugGcuagauuuuacacuuauccu..... | 3 | 1 | T72 |
|ugacuagauuuuacacuuauCCuA..... | 1 | 1 | T72 |
|ugacuagauuuuacacuuauCCuu..... | 15 | 0 | T72 |
|ugacuagauuuuacacuuauCCuuA..... | 1 | 1 | T72 |
|Uacuagauuuuacacuuauccu..... | 1 | 1 | T72 |
|gacuagauuuuacacuuauccu..... | 1 | 0 | T72 |
|gguagggugacuuucuauguucaag..... | 3 | 0 | H14 |
|Cugacuagauuuuacacuuauccu..... | 15 | 1 | H14 |
|ugacuagauuuuacacuuA..... | 2 | 0 | H14 |
|ugacuagauuuuacacuuau..... | 1 | 0 | H14 |
|ugacuagauuuuacacuuauC..... | 22 | 0 | H14 |
|ugacuagaCuuuacacuuauCC..... | 1 | 1 | H14 |
|ugacAagauuuuacacuuauCC..... | 1 | 1 | H14 |
|ugacuagauuuuacacuuauCU..... | 4 | 1 | H14 |
|ugacGagauuuuacacuuauCC..... | 1 | 1 | H14 |
|ugacuagauuuuacacuuauCC..... | 110 | 0 | H14 |

Star

Mature

uuuuucgcauguaccgacuaaagucuaacauggacgggagguagacuuucuauguucaaguuuguuguauaucuuugacuaaguuuuacacuuauccuucagaguagacgccgcuucu

| | | | |
|-------------------------------------|-------|---|-----|
|ugacuagauuuuucAUuuaucc..... | 1 | 1 | H14 |
|ugacuagCuuuuacacuuauccu..... | 3 | 1 | H14 |
|ugacuagauuuuucacCUauccu..... | 2 | 1 | H14 |
|ugacuagauuuuucCuuauccu..... | 1 | 1 | H14 |
|ugacuagauuuuacacuuauccA..... | 4 | 1 | H14 |
|ugacCagauuuuacacuuauccu..... | 6 | 1 | H14 |
|ugacuagaCuuuacacuuauccu..... | 2 | 1 | H14 |
|ugacuagauuuuacacuAauccu..... | 6 | 1 | H14 |
|ugacuagauuuuacacuuUuccu..... | 2 | 1 | H14 |
|ugacuagUuuuuacacuuauccu..... | 7 | 1 | H14 |
|ugaUuagauuuuacacuuauccu..... | 2 | 1 | H14 |
|ugacuagauuuuacAGuuauccu..... | 13 | 1 | H14 |
|ugacuagauuuuacAUuuauccu..... | 6 | 1 | H14 |
|ugCcuagauuuuacacuuauccu..... | 16 | 1 | H14 |
|ugacuagauuuuCCacuuauccu..... | 1 | 1 | H14 |
|ugacuagauuuuacacuuauccu..... | 11147 | 0 | H14 |
|ugaAuagauuuuacacuuauccu..... | 1 | 1 | H14 |
|ugacuagauuuuUacuuauccu..... | 1 | 1 | H14 |
|ugacAagauuuuacacuuauccu..... | 8 | 1 | H14 |
|uAAcuagauuuuacacuuauccu..... | 2 | 1 | H14 |
|ugacuagauuuuacAAuuauccu..... | 5 | 1 | H14 |
|ugGcuagauuuuacacuuauccu..... | 19 | 1 | H14 |
|ugacuagauuuuacacuuACccu..... | 6 | 1 | H14 |
|ugacuagauuuuacacuuauGcu..... | 9 | 1 | H14 |
|ugacuagauuuuacacuuauUcu..... | 1 | 1 | H14 |
|ugacuagauuuuacAGuuauccu..... | 1 | 1 | H14 |
|uUacuagauuuuacacuuauccu..... | 6 | 1 | H14 |
|ugacuagauuuuacacuuauccG..... | 12 | 1 | H14 |
|ugacuagauuuuacGcuuuauccu..... | 2 | 1 | H14 |
|ugacuagauCuucacuuauccu..... | 2 | 1 | H14 |
|ugacuagauuuuacacuCauccu..... | 5 | 1 | H14 |
|ugacuaUuuuuacacuuauccu..... | 3 | 1 | H14 |
|ugacuagauuuuAcacuuauccu..... | 3 | 1 | H14 |
|Cgacuagauuuuacacuuauccu..... | 2 | 1 | H14 |
|ugacuagauuuuacacuuauUu..... | 4 | 1 | H14 |
|ugacUuagauuuuacacuuauccu..... | 1 | 1 | H14 |
|ugacuagauuuuacacuuAGccu..... | 12 | 1 | H14 |
|ugacuagauuCuacacuuauccu..... | 1 | 1 | H14 |
|ugacuaAAuuuuacacuuauccu..... | 1 | 1 | H14 |
|ugacuagauuuuUcuuuauccu..... | 3 | 1 | H14 |
|ugacuagauuuuacacuuauAcu..... | 6 | 1 | H14 |
|ugacuagauuuuacacuuauCAu..... | 13 | 1 | H14 |
|ugacuagauuuuacacuuauCC..... | 12 | 1 | H14 |
|ugacuaCAuuuuacacuuauccu..... | 1 | 1 | H14 |
|ugacuagGuuuuacacuuauccu..... | 3 | 1 | H14 |
|ugacuagauuuuacacuGAuccu..... | 13 | 1 | H14 |
|ugacuagauuuuacacuuauGcu..... | 1 | 1 | H14 |
|ugUcuagauuuuacacuuauccu..... | 14 | 1 | H14 |
|ugacuagauuuuAcacuuauccu..... | 3 | 1 | H14 |
|ugacuagauuuuacacuuAAccu..... | 14 | 1 | H14 |
|ugacuagauuAAcacuuauccu..... | 1 | 1 | H14 |
|ugacuagaGuuucacuuauccu..... | 1 | 1 | H14 |
|uCacuagauuuuacacuuauccu..... | 1 | 1 | H14 |
|ugacGagauuuuacacuuauccu..... | 15 | 1 | H14 |
|ugacuagauuuuacacuuauccuu..... | 78 | 0 | H14 |
|ugacuagauuuuacacuuauccuC..... | 4 | 1 | H14 |
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|ugacuagauuuuacacuuauccuA..... | 2 | 1 | H14 |
|ugacuagauuuuacacuGAuccuu..... | 1 | 1 | H14 |
|ugacuagauuuuacacuuauccuuc..... | 1 | 0 | H14 |
|ugacuagauuuuacacuuauccuuU..... | 23 | 1 | H14 |
|gacuagauuuuacacuuauccu..... | 6 | 0 | H14 |
|gacuagauuuuacacuuauccuu..... | 1 | 0 | H14 |
|acuagauuuuacacuuauccu..... | 3 | 0 | H14 |
|gguagggugacuuucaguucU..... | 1 | 1 | A63 |
|ugacuagauuuuacacuuau..... | 2 | 0 | A63 |
|ugacuagauuuuacacuuauC..... | 17 | 0 | A63 |
|ugacuagauuuuacacuuauC..... | 1 | 1 | A63 |
|ugacuagauuuuacacuuaucc..... | 15 | 0 | A63 |

Mature

| | | | |
|----------------------------------------------------------------------------------------------------------------------------|------|---|-----|
| uuuuucgcauguaaccgacuaaagucuaacaauaggacggagugagcuuuucuaaguuccaaguuuguuguauucuuagacuaaguuuacacuaauccuucagagaguagacgccgcucucu | | | |
|ugacuagauuuuGcacuuauccu..... | 1 | 1 | A63 |
|ugGcuagauuuuucacuuauccu..... | 3 | 1 | A63 |
|ugacuagauuuuucacuuauccu..... | 1 | 1 | A63 |
|ugacuagauuuuucacuuauccG..... | 5 | 1 | A63 |
|ugacuagauuuucUcuuauccu..... | 1 | 1 | A63 |
|ugacuagauuuuucacuaAuccu..... | 6 | 1 | A63 |
|ugacuagauuuuucacuuauccu..... | 1222 | 0 | A63 |
|ugacuagGuuuuucacuuauccu..... | 1 | 1 | A63 |
|ugacuagauuuuAacuuauccu..... | 1 | 1 | A63 |
|ugacuagauuuuucacuCauccu..... | 2 | 1 | A63 |
|ugCcuagauuuuucacuuauccu..... | 1 | 1 | A63 |
|ugacuagauuuuucacuuauccA..... | 1 | 1 | A63 |
|ugacuagauuuuucacuuauccC..... | 2 | 1 | A63 |
|uAacuagauuuuucacuuauccu..... | 2 | 1 | A63 |
|ugacuagauuuuCcacuuauccu..... | 1 | 1 | A63 |
|ugacuagauuuuucacuaAuauccu..... | 1 | 1 | A63 |
|ugacuagauuuuucacuaGauccu..... | 1 | 1 | A63 |
|ugacuagauuuuAacuuauccu..... | 1 | 1 | A63 |
|uUacuagauuuuucacuuauccu..... | 1 | 1 | A63 |
|ugacuagauuuuucacuuauUcu..... | 2 | 1 | A63 |
|ugacuagauuuuucacuuauccuC..... | 1 | 1 | A63 |
|ugacuagauuuuucacuuauccuu..... | 9 | 0 | A63 |
|ugacuagauuuuucacuuauccuuU..... | 5 | 1 | A63 |
|acuaaagucuaacaauggac..... | 1 | 0 | R72 |
|Cugacuagauuuuucacuuauccu..... | 2 | 1 | R72 |
|Augacuagauuuuucacuuauccu..... | 1 | 1 | R72 |
|ugacuagauuuuucacuuau..... | 3 | 0 | R72 |
|ugacuagauuuuucacuuauC..... | 54 | 0 | R72 |
|ugacuagauuuuucacuuauA..... | 1 | 1 | R72 |
|ugacuagUuuuucacuuaucc..... | 1 | 1 | R72 |
|ugacuagauuuuucacuuaucc..... | 88 | 0 | R72 |
|ugacuagauuuCucacuuauccu..... | 1 | 1 | R72 |
|Ggacuagauuuuucacuuauccu..... | 1 | 1 | R72 |
|ugacuagauuuuucacuuUuccu..... | 1 | 1 | R72 |
|ugacuagauuuuucacuuauCau..... | 2 | 1 | R72 |
|ugacuagauuuuucacuuauccG..... | 3 | 1 | R72 |
|ugacCagauuuuucacuuauccu..... | 2 | 1 | R72 |
|ugacuagauuuuucacuuauCccu..... | 3 | 1 | R72 |
|ugaGuagauuuuucacuuauccu..... | 1 | 1 | R72 |
|ugGcuagauuuuucacuuauccu..... | 3 | 1 | R72 |
|Cgacuagauuuuucacuuauccu..... | 1 | 1 | R72 |
|ugacuagauuuuucacuuauAcu..... | 3 | 1 | R72 |
|ugacuagUuuuucacuuauccu..... | 1 | 1 | R72 |
|ugacuagauuuuucacuaAuccu..... | 10 | 1 | R72 |
|ugacuagaAuuuucacuuauccu..... | 2 | 1 | R72 |
|ugacuagauuuuGcuuauccu..... | 1 | 1 | R72 |
|ugacuagauuuuucacuuauUcu..... | 2 | 1 | R72 |
|ugUcuagauuuuucacuuauccu..... | 2 | 1 | R72 |
|ugacuagauuuuucacuuauGcu..... | 2 | 1 | R72 |
|ugacuagauuuuucacuaGauccu..... | 7 | 1 | R72 |
|ugacuagauuuuucacuCauccu..... | 6 | 1 | R72 |
|ugaAuagauuuuucacuuauccu..... | 1 | 1 | R72 |
|ugacuagauuuuucacuuauccA..... | 2 | 1 | R72 |
|ugacuagauuuucUcuuauccu..... | 1 | 1 | R72 |
|ugacuagauuuuucacuuuAccu..... | 1 | 1 | R72 |
|ugCcuagauuuuucacuuauccu..... | 2 | 1 | R72 |
|ugacuUgauuuuucacuuauccu..... | 1 | 1 | R72 |
|uCacuagauuuuucacuuauccu..... | 1 | 1 | R72 |
|ugacuagauuuuucacuuauGcu..... | 1 | 1 | R72 |
|ugacuagauuuuCcacuuauccu..... | 2 | 1 | R72 |
|ugacuagauuuuucacuuauccC..... | 2 | 1 | R72 |
|ugaUuagauuuuucacuuauccu..... | 2 | 1 | R72 |
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|ugacuagauuuuucacuuauccuu..... | 20 | 0 | R72 |
|ugacuagauuuuucacuuauccuA..... | 5 | 1 | R72 |
|ugacuagauuuuucacuuauccCu..... | 1 | 1 | R72 |
|ugacuagauuuuucacuuauccuG..... | 3 | 1 | R72 |

Star

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|---------------------------------------------------------------------------------------------------------------------|------|---|-----|
| uuuuucgcauguaccgacuaaagucuaacauggacgguaggugacuuucuaagucaaguuuguuguaucuuugacuagauuuuacacuuauccuucagaguagacgccgcucucu | | | |
|ugacuagauuuuacacuuauccuuU..... | 18 | 1 | R72 |
|gguaggugacuuucuaagAuca..... | 1 | 1 | H74 |
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|gguaggugacuuucuaagAucaag..... | 3 | 1 | H74 |
|Cugacuagauuuuacacuuauccu..... | 5 | 1 | H74 |
|Cugacuagauuuuacacuuauccuu..... | 1 | 1 | H74 |
|ugacuagauuuuacacuuauuc..... | 30 | 0 | H74 |
|ugacuagauuuuacacuuauucU..... | 1 | 1 | H74 |
|ugacuagauuuuacacuuauucc..... | 27 | 0 | H74 |
|ugacuagaAuuuacacuuauccu..... | 1 | 1 | H74 |
|ugacuagCuuuuacacuuauccu..... | 1 | 1 | H74 |
|Cgacuagauuuuacacuuauccu..... | 1 | 1 | H74 |
|ugacuagauuuuacacuuauucGu..... | 4 | 1 | H74 |
|ugacCagauuuuacacuuauccu..... | 7 | 1 | H74 |
|ugacuaUauuuuacacuuauccu..... | 1 | 1 | H74 |
|ugacuagauuuuacacuuauucAu..... | 3 | 1 | H74 |
|Agacuagauuuuacacuuauccu..... | 1 | 1 | H74 |
|uUacuagauuuuacacuuauccu..... | 1 | 1 | H74 |
|ugaAuagauuuuacacuuauccu..... | 3 | 1 | H74 |
|ugacGagauuuuacacuuauccu..... | 7 | 1 | H74 |
|ugacAagauuuuacacuuauccu..... | 4 | 1 | H74 |
|ugacuagauuuuacacuuauccC..... | 1 | 1 | H74 |
|ugCcuagauuuuacacuuauccu..... | 5 | 1 | H74 |
|ugacuagauuuuacacuCauccu..... | 4 | 1 | H74 |
|ugacuagauuuuacacuuauccu..... | 2870 | 0 | H74 |
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|ugacuagauuuuacacuuauuccG..... | 7 | 1 | H74 |
|ugGcuagauuuuacacuuauccu..... | 4 | 1 | H74 |
|ugacuagauuuuacacuuauccu..... | 2 | 1 | H74 |
|ugacuagauuuuacacuuauccA..... | 1 | 1 | H74 |
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|ugacuagGuuuuacacuuauccu..... | 1 | 1 | H74 |
|ugacuagauuuuacacuAuuccu..... | 2 | 1 | H74 |
|ugacuagauuuuacacuGauccu..... | 2 | 1 | H74 |
|ugacuagauuuuacacuuauUcu..... | 1 | 1 | H74 |
|ugUcuagauuuuacacuuauccu..... | 2 | 1 | H74 |
|ugacuagauuuuacacuuuacCccu..... | 3 | 1 | H74 |
|ugacuagauuuuacauUuuauccu..... | 3 | 1 | H74 |
|ugacuagauuuuacacuuauccuu..... | 4 | 0 | H74 |
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|ugacuagauuuuacacuuauccuuU..... | 1 | 1 | H74 |
|gacuagauuuuacacuuauccu..... | 2 | 0 | H74 |
|gacuaUauuuuacacuuauccu..... | 1 | 1 | H74 |
|acuagauuuuacacuuauccu..... | 2 | 0 | H74 |
|gguaggugacuuucuaagucaaguuuguuguaucu..... | 1 | 0 | H73 |
|Cugacuagauuuuacacuuauccu..... | 4 | 1 | H73 |
|ugacuagauuuuacacuuuagc..... | 1 | 1 | H73 |
|ugacGagauuuuacacuuauuc..... | 1 | 1 | H73 |
|ugacuagauuuuacacuuauuc..... | 19 | 0 | H73 |
|ugacuagauuuuacacuuauucc..... | 26 | 0 | H73 |
|ugacCagauuuuacacuuauucc..... | 1 | 1 | H73 |
|ugacuCgauuuuacacuuauccu..... | 1 | 1 | H73 |
|ugCcuagauuuuacacuuauccu..... | 5 | 1 | H73 |
|ugacuagauuuuacacuGauccu..... | 2 | 1 | H73 |
|ugacCagauuuuacacuuauccu..... | 4 | 1 | H73 |
|Cgacuagauuuuacacuuauccu..... | 2 | 1 | H73 |
|ugacuagauuuuacacuuuGuccu..... | 1 | 1 | H73 |
|ugacuagauuuuacacuuuagccu..... | 6 | 1 | H73 |
|ugacuaUauuuuacacuuauccu..... | 1 | 1 | H73 |
|ugacuagauuuuacacuuauucUu..... | 1 | 1 | H73 |
|ugacuagauuuuacacuuauucAu..... | 3 | 1 | H73 |
|uUacuagauuuuacacuuauccu..... | 1 | 1 | H73 |
|ugacuagauuuuacacuuauuccG..... | 2 | 1 | H73 |
|ugacuagauuuuacGcuuauccu..... | 1 | 1 | H73 |
|ugacuagauuuuacAuuuauccu..... | 3 | 1 | H73 |
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|ugUcuagauuuuacacuuauccu..... | 2 | 1 | H73 |

Star

Mature

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|----------------------------------------|----------------------------------------|--------------------------------|----------------------|---|-----|--|
| uuuuucgcauguaccgacuaaauugucuacaauaggac | gguaaggugacuuucuaaguucaaguuuguuguaucuu | ugacuagauuuuacacuuauccu | ucagaguagacgccgcuucu | | | |
| ..... | ..... | ugacAagauuuuacacuuauccu..... | 5 | 1 | H73 | |
| ..... | ..... | ugacuagauuuuacacAuaucuu..... | 1 | 1 | H73 | |
| ..... | ..... | ugacuagauuuuacAGuuauccu..... | 2 | 1 | H73 | |
| ..... | ..... | Agacuagauuuuacacuuauccu..... | 1 | 1 | H73 | |
| ..... | ..... | ugacuagauuuuAacuuauccu..... | 2 | 1 | H73 | |
| ..... | ..... | ugacuagGuuuuacacuuauccu..... | 2 | 1 | H73 | |
| ..... | ..... | ugacuUgauuuuacacuuauccu..... | 1 | 1 | H73 | |
| ..... | ..... | ugacuagauuuucaUuuauccu..... | 1 | 1 | H73 | |
| ..... | ..... | ugacuagUuuuuacacuuauccu..... | 2 | 1 | H73 | |
| ..... | ..... | ugacuagauuuuacacuuauccu..... | 2893 | 0 | H73 | |
| ..... | ..... | ugaUuagauuuuacacuuauccu..... | 2 | 1 | H73 | |
| ..... | ..... | ugacuGgauuuuacacuuauccu..... | 1 | 1 | H73 | |
| ..... | ..... | ugacuagauuuuacacuuAauccu..... | 2 | 1 | H73 | |
| ..... | ..... | ugacGagauuuuacacuuauccu..... | 8 | 1 | H73 | |
| ..... | ..... | ugacuagauuuuacacuuauccC..... | 2 | 1 | H73 | |
| ..... | ..... | ugacuagauuuuacCuuauccu..... | 2 | 1 | H73 | |
| ..... | ..... | ugacuagauuuuacacuuauccuu..... | 4 | 0 | H73 | |
| ..... | ..... | ugacuagauuuuacacuuauccuC..... | 2 | 1 | H73 | |
| ..... | ..... | ugacuagauuuuacacuuauccuuU..... | 2 | 1 | H73 | |
| ..... | ..... | .gacuagauuuuacacuuauccu..... | 3 | 0 | H73 | |
| ..... | ..... | .gacuagauuuuacacuuauccuu..... | 1 | 0 | H73 | |
| ..... | cgacuaauugucuacaauaggac..... | | 1 | 0 | H54 | |
| ..... | ..... | ..... | 2 | 0 | H54 | |
| ..... | ..... | ..... | 4 | 1 | H54 | |
| ..... | ..... | ..... | 1 | 1 | H54 | |
| ..... | ..... | ..... | 3 | 0 | H54 | |
| ..... | ..... | ..... | 1 | 1 | H54 | |
| ..... | ..... | ..... | 1 | 1 | H54 | |
| ..... | ..... | ..... | 4 | 0 | H54 | |
| ..... | ..... | ..... | 12 | 1 | H54 | |
| ..... | ..... | ..... | 1 | 0 | H54 | |
| ..... | ..... | ..... | 3 | 0 | H54 | |
| ..... | ..... | ..... | 40 | 0 | H54 | |
| ..... | ..... | ..... | 1 | 1 | H54 | |
| ..... | ..... | ..... | 1 | 1 | H54 | |
| ..... | ..... | ..... | 113 | 0 | H54 | |
| ..... | ..... | ..... | 1 | 1 | H54 | |
| ..... | ..... | ..... | 1 | 1 | H54 | |
| ..... | ..... | ..... | 1 | 1 | H54 | |
| | | | 2 | 1 | H54 | |
| | | | 6 | 1 | H54 | |
| | | | 1 | 1 | H54 | |
| | | | 1 | 1 | H54 | |
| | | | 7 | 1 | H54 | |
| | | | 9 | 1 | H54 | |
| | | | 7251 | 0 | H54 | |
| | | | 8 | 1 | H54 | |
| | | | 9 | 1 | H54 | |
| | | | 5 | 1 | H54 | |
| | | | 5 | 1 | H54 | |
| | | | 1 | 1 | H54 | |
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| | | | 4 | 1 | H54 | |
| | | | 1 | 1 | H54 | |
| | | | 4 | 1 | H54 | |
| | | | 1 | 1 | H54 | |
| | | | 1 | 1 | H54 | |
| | | | 2 | 1 | H54 | |
| | | | 8 | 1 | H54 | |
| | | | 2 | 1 | H54 | |
| | | | 7 | 1 | H54 | |
| | | | 1 | 1 | H54 | |
| | | | 1 | 1 | H54 | |
| | | | 2 | 1 | H54 | |
| | | | 4 | 1 | H54 | |
| | | | 1 | 1 | H54 | |
| | | | 5 | 1 | H54 | |
| | | | 1 | 1 | H54 | |
| | | | 13 | 1 | H54 | |

Star

Mature

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|------------------------------------------------------------------------------------------------------------|------|---|-----|
| uuuuucgcauguaccgacuaaagugcagguaggugacuuucuaaguucaaguuuguuguaucuuugacuaaguuuacacuuauccuucagaguagacgccgcuuuc | | | |
|ugGcuagauuuucacuuauccu..... | 15 | 1 | H54 |
|ugacuaAauuuucacuuauccu..... | 1 | 1 | H54 |
|ugacuagauuuuacacGuaucuu..... | 2 | 1 | H54 |
|ugacuagauuuuAacuuauccu..... | 1 | 1 | H54 |
|ugacuagauuuuUacuuauccu..... | 1 | 1 | H54 |
|ugacuagauuuuacacAuaucuu..... | 3 | 1 | H54 |
|ugacuagauuuucacuuauccA..... | 1 | 1 | H54 |
|ugCcuagauuuucacuuauccu..... | 20 | 1 | H54 |
|ugacAagauuuuacacuuauccu..... | 6 | 1 | H54 |
|ugacuagauuuucacuuauccAu..... | 9 | 1 | H54 |
|ugacuagauuuucacuuauGcu..... | 1 | 1 | H54 |
|Cgacuagauuuucacuuauccu..... | 1 | 1 | H54 |
|ugacuagGuuuucacuuauccu..... | 3 | 1 | H54 |
|ugacCagauuuucacuuauccu..... | 10 | 1 | H54 |
|Ggacuagauuuuacacuuauccu..... | 1 | 1 | H54 |
|ugacuaCauuuucacuuauccu..... | 1 | 1 | H54 |
|ugacuagauuuuacGuaucuu..... | 4 | 1 | H54 |
|ugacuaUauuuucacuuauccu..... | 4 | 1 | H54 |
|ugacuagauuuucacuuauccuu..... | 26 | 0 | H54 |
|ugacuagauuuucacuuauccCu..... | 6 | 1 | H54 |
|ugacuagauuuuacacCuaucuu..... | 1 | 1 | H54 |
|ugacuagauuuucacuuauccuA..... | 2 | 1 | H54 |
|ugacuagauuuucacuuauccuC..... | 2 | 1 | H54 |
|ugacuagauuuucacuuauccuuU..... | 15 | 1 | H54 |
|ugacuagauuuucacuuauccuuc..... | 1 | 0 | H54 |
|gacuagauuuucacuuauccu..... | 2 | 0 | H54 |
|Cugacuagauuuucacuuauccu..... | 1 | 1 | B13 |
|Cgacuagauuuucacuuau..... | 1 | 1 | B13 |
|ugacuagauuuucacuuau..... | 3 | 0 | B13 |
|ugacuagauuAucacuuau..... | 1 | 1 | B13 |
|ugacuagauuuucacuuaucc..... | 12 | 0 | B13 |
|ugacuagauuuuacacuuauccAu..... | 2 | 1 | B13 |
|ugacuagauuuucacuuauccu..... | 1593 | 0 | B13 |
|ugacCagauuuucacuuauccu..... | 1 | 1 | B13 |
|ugacuagauAuuacuuauccu..... | 1 | 1 | B13 |
|ugacuagauuuucacuuauUcu..... | 1 | 1 | B13 |
|ugUcuagauuuucacuuauccu..... | 1 | 1 | B13 |
|ugacuagauuuuacacGauccu..... | 3 | 1 | B13 |
|ugacuagauuuuAacuuauccu..... | 1 | 1 | B13 |
|ugacAagauuuucacuuauccu..... | 2 | 1 | B13 |
|ugacuagauuuucacuuauccGu..... | 2 | 1 | B13 |
|ugacuagauuuucacAuaucuu..... | 1 | 1 | B13 |
|ugacuUgauuuucacuuauccu..... | 1 | 1 | B13 |
|ugacuagaAuuucacuuauccu..... | 1 | 1 | B13 |
|ugCcuagauuuucacuuauccu..... | 2 | 1 | B13 |
|ugacuagauuuucacuuacCcu..... | 1 | 1 | B13 |
|ugacuaCauuuucacuuauccu..... | 1 | 1 | B13 |
|ugacuagauuuucacuuagCcu..... | 3 | 1 | B13 |
|ugacuagauuuucUcuuauccu..... | 1 | 1 | B13 |
|ugacuagauuuuacGuaucuu..... | 3 | 1 | B13 |
|ugacuagauuuucacuuauccG..... | 2 | 1 | B13 |
|ugacGagauuuucacuuauccu..... | 1 | 1 | B13 |
|uUacuagauuuucacuuauccu..... | 2 | 1 | B13 |
|ugacuagauuuucacuuauccC..... | 5 | 1 | B13 |
|ugacuagauuuucacuCauccu..... | 1 | 1 | B13 |
|ugacuagauuuucacuaAauccu..... | 1 | 1 | B13 |
|ugacuagauuuucacuuauAcu..... | 1 | 1 | B13 |
|ugacuagauuuucacuuuAAccu..... | 1 | 1 | B13 |
|ugacuagauuuuacAuaucuu..... | 2 | 1 | B13 |
|ugacuagauuuucacuuauccuu..... | 7 | 0 | B13 |
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|ugacuagauuuucacuuauccuA..... | 1 | 1 | B13 |
|ugacuagauuuuacacuuauccuuU..... | 2 | 1 | B13 |
|gacuagauuuucacuuauccu..... | 1 | 0 | B13 |
|acuaaagucuaacauggac..... | 1 | 0 | H33 |
|gguaaggugacuuucuaagAu..... | 1 | 1 | H33 |
|gguaaggugacuuucuaagAuc..... | 2 | 1 | H33 |

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|-------------------------------------|---------------------------------------|--------------------------|----------------------|------|---|-----|
| uuuuucgcauguaccgacuaaagucuaacauggac | gguaaggugacuuucuaagucaaguuuguuguaucuu | gacuaaguuuuacacuuauccu | ucagaguagacgccgcuucu | | | |
| ..... | gguaaggugacuuucuaaguca. | ..... |  | 2 | 0 | H33 |
| ..... | gguaaggugacuuucuaaguucU. | ..... |  | 1 | 1 | H33 |
| ..... | gguaaggugacuuucuaagucaC. | ..... |  | 1 | 1 | H33 |
| ..... | gguaaggugacuuucuaagAucaa. | ..... |  | 1 | 1 | H33 |
| ..... | gguaaggugacuuucuaagAucaag. | ..... |  | 6 | 1 | H33 |
| ..... | gguaaggugacuuucuaagucaag. | ..... |  | 3 | 0 | H33 |
| ..... | gguaaggugacuuucuaagucaagC. | ..... |  | 1 | 1 | H33 |
| ..... |  | Cugacuagauuuucacuuauccu. | ..... | 5 | 1 | H33 |
| ..... |  | ugacuagauuuucacuuGau. | ..... | 1 | 1 | H33 |
| ..... |  | ugacuagauuuucacuuaucc. | ..... | 31 | 0 | H33 |
| ..... |  | ugacuagaAuuuucacuuaucc. | ..... | 1 | 1 | H33 |
| ..... |  | ugacuagauuuucacuuaucc. | ..... | 123 | 0 | H33 |
| ..... |  | ugacuagauuuucacuuauccG. | ..... | 2 | 1 | H33 |
| ..... |  | ugCcuagauuuucacuuaucc. | ..... | 3 | 1 | H33 |
| ..... |  | ugacuagUuuuucacuuaucc. | ..... | 1 | 1 | H33 |
| ..... |  | ugacuagauuuucacuuauccU. | ..... | 2 | 1 | H33 |
| ..... |  | ugacuagauuuucacAuauccu. | ..... | 1 | 1 | H33 |
| ..... |  | ugacuagauuuAcacuuauccu. | ..... | 1 | 1 | H33 |
| ..... |  | ugaUuagauuuucacuuauccu. | ..... | 1 | 1 | H33 |
| ..... |  | ugacGagauuuucacuuauccu. | ..... | 8 | 1 | H33 |
| ..... |  | ugacuagauuuuGcuuauccu. | ..... | 2 | 1 | H33 |
| ..... |  | ugacuagauuuucacuuuGccu. | ..... | 15 | 1 | H33 |
| ..... |  | ugacuagauuuuAcuuuauccu. | ..... | 4 | 1 | H33 |
| ..... |  | ugacuagauuuucacuuauccUu. | ..... | 1 | 1 | H33 |
| ..... |  | ugacuagGuuuucacuuauccu. | ..... | 2 | 1 | H33 |
| ..... |  | ugacuagauuuucacGuauccu. | ..... | 1 | 1 | H33 |
| ..... |  | ugacuagaAuuuucacuuauccu. | ..... | 2 | 1 | H33 |
| ..... |  | ugGcuagauuuucacuuauccu. | ..... | 8 | 1 | H33 |
| ..... |  | ugacuagauuuucacuuauUcu. | ..... | 2 | 1 | H33 |
| ..... |  | ugacuagCuuuucacuuauccu. | ..... | 2 | 1 | H33 |
| ..... |  | uUacuagauuuucacuuauccu. | ..... | 3 | 1 | H33 |
| ..... |  | ugacuGgauuuucacuuauccu. | ..... | 1 | 1 | H33 |
| ..... |  | ugacuagauuuucacuuauGcu. | ..... | 8 | 1 | H33 |
| ..... |  | ugacuagauuuuUacuuauccu. | ..... | 6 | 1 | H33 |
| ..... |  | ugacuagauuuucacuuauccC. | ..... | 15 | 1 | H33 |
| ..... |  | ugacuagauuuuUcuuauccu. | ..... | 3 | 1 | H33 |
| ..... |  | ugacuaCauuuucacuuauccu. | ..... | 1 | 1 | H33 |
| ..... |  | ugacAagauuuucacuuauccu. | ..... | 15 | 1 | H33 |
| ..... |  | ugUcuagauuuucacuuauccu. | ..... | 9 | 1 | H33 |
| ..... |  | ugacuagauuuucaUuuauccu. | ..... | 4 | 1 | H33 |
| ..... |  | ugacuagauuuucacuuauAcu. | ..... | 1 | 1 | H33 |
| ..... |  | ugacuagauuuucacuuuAcCu. | ..... | 4 | 1 | H33 |
| ..... |  | ugacuagauuuucacuuauAcAu. | ..... | 10 | 1 | H33 |
| ..... |  | ugacuagauuuCcacuuauccu. | ..... | 1 | 1 | H33 |
| ..... |  | ugacuagauuuucacuAuauccu. | ..... | 7 | 1 | H33 |
| ..... |  | uAacuagauuuucacuuauccu. | ..... | 2 | 1 | H33 |
| ..... |  | Agacuagauuuucacuuauccu. | ..... | 3 | 1 | H33 |
| ..... |  | ugacuagauuuucacuuauccu. | ..... | 9005 | 0 | H33 |
| ..... |  | ugacuagauuuucaGuuauccu. | ..... | 7 | 1 | H33 |
| ..... |  | ugacuagauuuucacuuauccG. | ..... | 11 | 1 | H33 |
| ..... |  | ugacuaUauuuucacuuauccu. | ..... | 4 | 1 | H33 |
| ..... |  | ugacCagauuuucacuuauccu. | ..... | 9 | 1 | H33 |
| ..... |  | uCacuagauuuucacuuauccu. | ..... | 1 | 1 | H33 |
| ..... |  | ugaGuagauuuucacuuauccu. | ..... | 1 | 1 | H33 |
| ..... |  | ugacuagauuuAcacuuauccu. | ..... | 1 | 1 | H33 |
| ..... |  | ugCcuagauuuucacuuauccu. | ..... | 10 | 1 | H33 |
| ..... |  | ugacuagauuuucacuuauGcu. | ..... | 1 | 1 | H33 |
| ..... |  | ugaAuagauuuucacuuauccu. | ..... | 1 | 1 | H33 |
| ..... |  | ugacuagauuuucaAuauccu. | ..... | 4 | 1 | H33 |
| ..... |  | ugacuagauuuucacuCauccu. | ..... | 4 | 1 | H33 |
| ..... |  | ugacuagauuuucacuGauccu. | ..... | 14 | 1 | H33 |
| ..... |  | ugacuagauuuucacCuauccu. | ..... | 1 | 1 | H33 |
| ..... |  | ugacuagaGuuucacuuauccu. | ..... | 1 | 1 | H33 |
| ..... |  | ugacuagauuuGacuuauccu. | ..... | 2 | 1 | H33 |
| ..... |  | ugacuagauuuucacuuGuccu. | ..... | 1 | 1 | H33 |
| ..... |  | ugacuagauuuucacuuuAccu. | ..... | 6 | 1 | H33 |
| ..... |  | ugacuagauuuucacuuauccA. | ..... | 1 | 1 | H33 |
| ..... |  | ugacuagauuuucacuuauccCu. | ..... | 3 | 1 | H33 |
| | | ugacuagauuuucacuuauccuA. | | 3 | 1 | H33 |
| | | ugacuagauuuucacuuauccuC. | | 5 | 1 | H33 |

Star

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|-------------------------------------|----------------------------------------|--------------------------------------------|---|-----|--|
| uuuuucgcauguaccgacuaaagucuaacauggac | gguaaggugacuuucuaaguucaaguuuguuguaucuu | ugacuagauuuucacuuauccuucagaguagacgccgcuuuc | | | |
| ..... | ugCcuagauuuucacuuauccuu..... | 1 | 1 | H33 | |
| ..... | ugacuagauuuucacuuauccuu..... | 1 | 1 | H33 | |
| ..... | ugacuagCuuuuucacuuauccuu..... | 1 | 1 | H33 | |
| ..... | ugacuagauuuucacuuauccuG..... | 1 | 1 | H33 | |
| ..... | ugacuagauuuucacuuaucAuu..... | 1 | 1 | H33 | |
| ..... | ugacuagauuuucacuuauccuu..... | 46 | 0 | H33 | |
| ..... | ugacuagauuuucacuuauccuuU..... | 34 | 1 | H33 | |
| ..... | .gacuagauuuucacuuauccu..... | 3 | 0 | H33 | |
| ..... | ..uagauuuucacuuauccu..... | 1 | 0 | H33 | |
| ..... | cgacuaaagucuaCuauggac..... | 1 | 1 | H53 | |
| ..... | cgacuaaagucuaacauggac..... | 3 | 0 | H53 | |
| ..... | ..gguaaggugacuuucuaaguuc..... | 9 | 0 | H53 | |
| ..... | ..gguaaggugacuuucuaaguuca..... | 9 | 0 | H53 | |
| ..... | ..gguaaggugacuuucuaaguucU..... | 20 | 1 | H53 | |
| ..... | ..gguaaggugacuuucuaaguucaC..... | 2 | 1 | H53 | |
| ..... | ..gguaaggugacuuucuaaguucaa..... | 8 | 0 | H53 | |
| ..... | ..gguaaggugacuuucuaaguucaac..... | 4 | 1 | H53 | |
| ..... | ..gguaaggugacuuucuaaguucaag..... | 11 | 0 | H53 | |
| ..... | ..gguaaggugacuuucuaaguucaaa..... | 1 | 1 | H53 | |
| ..... | ..Cugacuagauuuucacuuauccu..... | 14 | 1 | H53 | |
| ..... | ..ugacuagauuuucacuuau..... | 3 | 0 | H53 | |
| ..... | ..ugacuagauuuucacuuauU..... | 1 | 1 | H53 | |
| ..... | ..ugacuagauuuucacuuauuc..... | 73 | 0 | H53 | |
| ..... | ..ugacuagauuuucacuuuaGc..... | 1 | 1 | H53 | |
| ..... | ..ugacuagauuuucacuuuUuc..... | 1 | 1 | H53 | |
| ..... | ..ugacuagauuuucacuuauucc..... | 149 | 0 | H53 | |
| ..... | ..ugacuagauuuucacuuauccU..... | 1 | 1 | H53 | |
| ..... | ..ugacuagauuuucacuuGauccu..... | 12 | 1 | H53 | |
| ..... | ..ugacuagauuuucacuuauccUu..... | 5 | 1 | H53 | |
| ..... | ..ugacuagauuuucacuuauccu..... | 1 | 1 | H53 | |
| ..... | ..ugacuagauuuucacuuGuaucuu..... | 2 | 1 | H53 | |
| ..... | ..ugacAagauuuucacuuauccu..... | 9 | 1 | H53 | |
| ..... | ..ugacuagauuuucaUuuauccu..... | 2 | 1 | H53 | |
| ..... | ..ugacuagauuuucacuuauccG..... | 7 | 1 | H53 | |
| ..... | ..ugUcuagauuuucacuuauccu..... | 8 | 1 | H53 | |
| ..... | ..ugacuagauuuucacuuauccA..... | 4 | 1 | H53 | |
| ..... | ..ugacuagauuuucacuuauccGu..... | 14 | 1 | H53 | |
| ..... | ..ugacuagauuuuUacuuauccu..... | 1 | 1 | H53 | |
| ..... | ..ugacuagauuuucacuuauUcu..... | 1 | 1 | H53 | |
| ..... | ..ugacuagauuuucaGuuauccu..... | 10 | 1 | H53 | |
| ..... | ..ugacuagauuuucacuuuGuccu..... | 2 | 1 | H53 | |
| ..... | ..ugacGagauuuucacuuauccu..... | 18 | 1 | H53 | |
| ..... | ..Cgacuagauuuucacuuauccu..... | 1 | 1 | H53 | |
| ..... | ..ugacuagauuuucCuuauccu..... | 3 | 1 | H53 | |
| ..... | ..ugacuagauuuCcacuuauccu..... | 2 | 1 | H53 | |
| ..... | ..ugCcuagauuuucacuuauccu..... | 15 | 1 | H53 | |
| ..... | ..ugacuaUauuuucacuuauccu..... | 3 | 1 | H53 | |
| ..... | ..ugGcuagauuuucacuuauccu..... | 8 | 1 | H53 | |
| ..... | ..ugacuagauuUcacuuauccu..... | 2 | 1 | H53 | |
| ..... | ..ugacuagauuuucacuuacccu..... | 3 | 1 | H53 | |
| ..... | ..ugacuagauuuuAacuuauccu..... | 3 | 1 | H53 | |
| ..... | ..ugacuagauuuucacCuauccu..... | 1 | 1 | H53 | |
| ..... | ..ugacuagauuuucacuuauccAu..... | 12 | 1 | H53 | |
| ..... | ..ugacuGgauuuucacuuauccu..... | 1 | 1 | H53 | |
| ..... | ..Agacuagauuuucacuuauccu..... | 1 | 1 | H53 | |
| ..... | ..ugacuagauuuucacuuauAcu..... | 2 | 1 | H53 | |
| ..... | ..ugacCagauuuucacuuauccu..... | 13 | 1 | H53 | |
| ..... | ..ugacuagauuuuGacuuauccu..... | 3 | 1 | H53 | |
| ..... | ..ugacuagauuuucacuuCuccu..... | 1 | 1 | H53 | |
| ..... | ..ugacuagauuuucacuuuaAccu..... | 13 | 1 | H53 | |
| ..... | ..uAacuagauuuucacuuauccu..... | 1 | 1 | H53 | |
| ..... | ..ugacuagauuuucacuuAuccu..... | 10 | 1 | H53 | |
| ..... | ..ugacuaCauuuucacuuauccu..... | 1 | 1 | H53 | |
| ..... | ..ugacuagauuuucaAuuauccu..... | 11 | 1 | H53 | |
| ..... | ..ugacuagauuuucacuuauccC..... | 21 | 1 | H53 | |
| ..... | ..uCacuagauuuucacuuauccu..... | 3 | 1 | H53 | |
| ..... | ..ugacuagauuuucUcuuauccu..... | 4 | 1 | H53 | |
| ..... | ..ugacuagauCuucacuuauccu..... | 1 | 1 | H53 | |
| ..... | ..ugacuagauuuucacAuuauccu..... | 2 | 1 | H53 | |

Star

Mature

| | | | |
|-------------------------------------------------------------------------------------------------------------------|-------|---|-----|
| uuuuucgcauguaccgacuaaagucuaacauggacgguaggugacuuucuaaguuaaguuuguuguaucuuugacuagauuuuacacuuauccuucagaguagacgccgcuuu | | | |
|ugacuagaCuuuacacuuauccu..... | 2 | 1 | H53 |
|ugaUuagauuuuacacuuauccu..... | 1 | 1 | H53 |
|ugacuagUuuuuacacuuauccu..... | 4 | 1 | H53 |
|ugacuagGuuuuacacuuauccu..... | 1 | 1 | H53 |
|ugacuagauuuuacacuuUuccu..... | 1 | 1 | H53 |
|ugacuagCuuuuacacuuauccu..... | 4 | 1 | H53 |
|ugacuagauuuuacacuCauccu..... | 7 | 1 | H53 |
|ugacuUgauuuuacacuuauccu..... | 2 | 1 | H53 |
|ugacuagaAuuuuacacuuauccu..... | 6 | 1 | H53 |
|uUacuagauuuuacacuuauccu..... | 2 | 1 | H53 |
|ugacuaAuuuuacacuuauccu..... | 1 | 1 | H53 |
|ugacuagauuuuacacuuuGccu..... | 15 | 1 | H53 |
|ugacuagauuuuAcacuuauccu..... | 1 | 1 | H53 |
|ugacuagauuuuacacuuauccu..... | 10726 | 0 | H53 |
|ugacuagauuuuacacuuauccuC..... | 15 | 1 | H53 |
|ugacuagauuuuacacuuauccuA..... | 8 | 1 | H53 |
|ugacuagauuuuacacuuauccCu..... | 10 | 1 | H53 |
|ugacuagauuuuacacuuauccuu..... | 56 | 0 | H53 |
|ugacuCgauuuuacacuuauccuu..... | 1 | 1 | H53 |
|ugacuagauuuuacacuuauccuuA..... | 4 | 1 | H53 |
|ugacuagauuuuacacuuauccuuc..... | 3 | 0 | H53 |
|ugacuagauuuuacacuuauccuuU..... | 49 | 1 | H53 |
|gacuagauuuuacacuuauccu..... | 7 | 0 | H53 |
|Uacuagauuuuacacuuauccu..... | 1 | 1 | H53 |
|acuagauuuuacacuuauccu..... | 1 | 0 | H53 |
|cuagauuuuacacuuauccu..... | 1 | 0 | H53 |
|CAugacuagauuuuacacuuauccu..... | 1 | 1 | B01 |
|Cugacuagauuuuacacuuauccu..... | 3 | 1 | B01 |
|ugacuagauuuuacacuuu..... | 1 | 0 | B01 |
|ugacuagauuuuacacuuaucc..... | 5 | 0 | B01 |
|ugacuagauuuuacacuuaucc..... | 24 | 0 | B01 |
|ugacuaUuuuuacacuuauccu..... | 2 | 1 | B01 |
|ugacuagauuuuacacuuauccGu..... | 1 | 1 | B01 |
|ugGcuagauuuuacacuuauccu..... | 2 | 1 | B01 |
|ugacuagauuuuacacuuauccUu..... | 1 | 1 | B01 |
|uCacuagauuuuacacuuauccu..... | 1 | 1 | B01 |
|ugacuagauuuuacacuCauccu..... | 1 | 1 | B01 |
|ugacuagauuuuCcacuuauccu..... | 1 | 1 | B01 |
|ugacuagauuuuacacuuauccAu..... | 1 | 1 | B01 |
|ugacuGgauuuuacacuuauccu..... | 1 | 1 | B01 |
|ugacuagauuuuacacuAuuccu..... | 5 | 1 | B01 |
|ugacuagauuuuacAcuauuccu..... | 1 | 1 | B01 |
|ugaAuagauuuuacacuuauccu..... | 1 | 1 | B01 |
|ugacuagauuuuacacuuauAcu..... | 2 | 1 | B01 |
|uAacuagauuuuacacuuauccu..... | 1 | 1 | B01 |
|ugacuagauuuuacacuuauccG..... | 2 | 1 | B01 |
|ugacuagaAuuuacacuuauccu..... | 1 | 1 | B01 |
|ugacuUgauuuuacacuuauccu..... | 1 | 1 | B01 |
|ugacuagauuuuacacuuauccA..... | 3 | 1 | B01 |
|ugacuagauuuuacacuuauGcu..... | 1 | 1 | B01 |
|ugacuagauuuuAcuuauuccu..... | 1 | 1 | B01 |
|ugacuagauuuuacacuuuGccu..... | 1 | 1 | B01 |
|ugacuagauuuuacacuuauccu..... | 1912 | 0 | B01 |
|ugacuagauuuuacacuGauccu..... | 3 | 1 | B01 |
|Cgacuagauuuuacacuuauccu..... | 1 | 1 | B01 |
|ugacuagauuuuacacuuauccC..... | 4 | 1 | B01 |
|uUacuagauuuuacacuuauccu..... | 2 | 1 | B01 |
|ugacuagauuuuacacuuauccuu..... | 16 | 0 | B01 |
|ugacuagauuuuacacuuauccuG..... | 1 | 1 | B01 |
|ugacuagauuuuacacuuauccuA..... | 1 | 1 | B01 |
|ugacuagauuuuacacuuauccuuU..... | 3 | 1 | B01 |
|acuagauuuuacacuuauccu..... | 1 | 0 | B01 |
|Cugacuagauuuuacacuuauccu..... | 1 | 1 | R74 |
|ugacuagauuuuacacuuau..... | 8 | 0 | R74 |
|ugacuagauuuuCaUuuaucc..... | 1 | 1 | R74 |
|ugGcuagauuuuacacuuaucc..... | 2 | 1 | R74 |
|ugacuagauuuuacacuuaucc..... | 56 | 0 | R74 |
|uUacuagauuuuacacuuaucc..... | 1 | 1 | R74 |

Star

Mature

| | | | |
|--------------------------------------------------------------------------------------------------------------------|------|---|-----|
| uuuuucgcauguaccgacuaaagucuaaaggacgggagggugacuuucuaaguuaaguuuguuguauucuuugacuagauuuuacacuuauccuucagaguagacgccgcuucu | | | |
|ugacuagauuuuacacuuuGcc..... | 1 | 1 | R74 |
|ugacuagCuuuuacacuuaucc..... | 1 | 1 | R74 |
|ugacuagauuuuacacuuaucc..... | 66 | 0 | R74 |
|ugCcuagauuuuacacuuauccu..... | 2 | 1 | R74 |
|ugacCagauuuuacacuuauccu..... | 3 | 1 | R74 |
|ugacuagauuuuucUcuuauccu..... | 1 | 1 | R74 |
|ugacuagauuuuUacuuaucuu..... | 1 | 1 | R74 |
|ugacuagauuuuacacuuauCuu..... | 1 | 1 | R74 |
|ugacuagauuuuacacuuauccG..... | 3 | 1 | R74 |
|ugacuagauuuuacacuuAauccu..... | 1 | 1 | R74 |
|ugacuagauuuuacacuuauCuu..... | 3 | 1 | R74 |
|ugacuagGuuuuacacuuauccu..... | 3 | 1 | R74 |
|ugacuagauuuuacacuuauccu..... | 1250 | 0 | R74 |
|ugacuagaAuuuacacuuauccu..... | 1 | 1 | R74 |
|ugacuagauuuuacacuuauccu..... | 2 | 1 | R74 |
|ugacuagauuuuacacuuuGccu..... | 4 | 1 | R74 |
|ugacuagauuuuacacuuauccu..... | 2 | 1 | R74 |
|ugacuagauuuuacacuuauccC..... | 2 | 1 | R74 |
|ugacuagauuuuacacuuuAccu..... | 1 | 1 | R74 |
|ugacuagauuuuacacuuauUcu..... | 1 | 1 | R74 |
|ugacuagauuuuacacuuauccu..... | 1 | 1 | R74 |
|ugacuagauuuuacacuuUuccu..... | 1 | 1 | R74 |
|ugacuagauuuuacacuuGauccu..... | 1 | 1 | R74 |
|ugacGagauuuuacacuuauccu..... | 2 | 1 | R74 |
|ugacuagauuuuacacuuuAccu..... | 1 | 1 | R74 |
|ugacuagauuuuacacuuCauccu..... | 1 | 1 | R74 |
|ugacuagauuuuacacuuauccuu..... | 11 | 0 | R74 |
|ugacuagauuuuacacuuauccuuU..... | 8 | 1 | R74 |
|acuaaagucuaaaggac..... | 1 | 0 | H63 |
|ggagggugacuuucuaaguuaaguuuguuguau..... | 1 | 0 | H63 |
|Cugacuagauuuuacacuuauccu..... | 4 | 1 | H63 |
|ugacuagauuuuacacuuau..... | 2 | 0 | H63 |
|ugacuagauuuuacacuuauC..... | 41 | 0 | H63 |
|ugacuagauuuuacacuuauC..... | 1 | 1 | H63 |
|ugacuagauuuuacacuuuAcc..... | 1 | 1 | H63 |
|ugacAagauuuuacacuuaucc..... | 1 | 1 | H63 |
|ugacuagauuuuacacuuaucc..... | 40 | 0 | H63 |
|ugacCagauuuuacacuuaucc..... | 1 | 1 | H63 |
|ugacuUgauuuuacacuuauccu..... | 2 | 1 | H63 |
|ugacuagauuGucacuuauccu..... | 1 | 1 | H63 |
|ugacuagUuuuuacacuuauccu..... | 1 | 1 | H63 |
|ugacuaAuuuuacacuuauccu..... | 1 | 1 | H63 |
|ugacuagauuuuacacuuauCuu..... | 3 | 1 | H63 |
|ugacuagauuuuacacuuuGcuuauccu..... | 2 | 1 | H63 |
|ugacuagaAuuuacacuuauccu..... | 2 | 1 | H63 |
|ugacuagauuuuacacuuauccu..... | 2 | 1 | H63 |
|ugCcuagauuuuacacuuauccu..... | 7 | 1 | H63 |
|ugacuagauuuuacacuuuauccu..... | 2 | 1 | H63 |
|ugacuagauuuuacacuuauccC..... | 3 | 1 | H63 |
|ugacuagauuuuacacuuCauccu..... | 3 | 1 | H63 |
|uAacuagauuuuacacuuauccu..... | 1 | 1 | H63 |
|ugacuagauuuuacacuuauccu..... | 5042 | 0 | H63 |
|ugacuagauuuuacacuuuGccu..... | 4 | 1 | H63 |
|ugUcuagauuuuacacuuauccu..... | 6 | 1 | H63 |
|ugacuagauuCuacacuuauccu..... | 1 | 1 | H63 |
|ugacuagauuuuacacuuauccG..... | 12 | 1 | H63 |
|ugacuagGuuuuacacuuauccu..... | 1 | 1 | H63 |
|ugacCagauuuuacacuuauccu..... | 7 | 1 | H63 |
|ugacuagauuuuacacuuauCuu..... | 5 | 1 | H63 |
|ugacuagauCuacacuuauccu..... | 2 | 1 | H63 |
|ugacuagauuuuacacuuuAaccu..... | 6 | 1 | H63 |
|uUacuagauuuuacacuuauccu..... | 1 | 1 | H63 |
|ugacuagauuuuacacuuauccu..... | 5 | 1 | H63 |
|ugacuagauuuuacacuuGauccu..... | 6 | 1 | H63 |
|ugacuagauuuuacacuuGauccu..... | 2 | 1 | H63 |
|ugacuagauuuuacacuuAauccu..... | 1 | 1 | H63 |
|ugGcuagauuuuacacuuauccu..... | 6 | 1 | H63 |
|ugacuagauuuuAacuuauccu..... | 1 | 1 | H63 |
|ugacuagauuuuacacuuUuccu..... | 1 | 1 | H63 |

Star

Mature

| | | | | | | |
|------------------------------------|--------------------------------------|-------------------------|----------------------|------|---|-----|
| uuuuucgcauguaccgacuaaagucuaaauggac | gguaaggugacuuucaguucaaguuuguuguaucuu | ugacuagauuuuacacuuauccu | ucagaguagacgccgcuucu | | | |
| ..... | ..... | ugacA | Agauuuuacacuuauccu | 4 | 1 | H63 |
| ..... | ..... | ugacu | Cgauuuuacacuuauccu | 1 | 1 | H63 |
| ..... | ..... | ugacua | Uauuuuacacuuauccu | 3 | 1 | H63 |
| ..... | ..... | Agacu | agauuuuacacuuauccu | 2 | 1 | H63 |
| ..... | ..... | ugacu | agauuuuacacuuauccA | 1 | 1 | H63 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 1 | 1 | H63 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 4 | 1 | H63 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 5 | 1 | H63 |
| ..... | ..... | ugac | Gagauuuuacacuuauccu | 1 | 1 | H63 |
| ..... | ..... | ugaA | agauuuuacacuuauccu | 1 | 1 | H63 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 3 | 1 | H63 |
| ..... | ..... | ugacu | Ggauuuuacacuuauccu | 2 | 1 | H63 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 2 | 1 | H63 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 22 | 0 | H63 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 2 | 1 | H63 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 4 | 1 | H63 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 10 | 1 | H63 |
| ..... | ..... | gacu | agauuuuacacuuauccu | 2 | 0 | H63 |
| ..... | ..... | Cugacu | agauuuuacacuuauccu | 1 | 1 | B04 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 16 | 0 | B04 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 1 | 1 | B04 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 27 | 0 | B04 |
| ..... | ..... | ugG | cuagauuuuacacuuauccu | 1 | 1 | B04 |
| ..... | ..... | ugacu | agauuuuacacuuauccG | 2 | 1 | B04 |
| ..... | ..... | ugacu | agGuuuuacacuuauccu | 2 | 1 | B04 |
| ..... | ..... | ugacu | agauCuacacuuauccu | 1 | 1 | B04 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 1 | 1 | B04 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 1 | 1 | B04 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 1 | 1 | B04 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 1 | 1 | B04 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 2143 | 0 | B04 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 1 | 1 | B04 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 3 | 1 | B04 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 4 | 1 | B04 |
| ..... | ..... | ugac | Cagauuuuacacuuauccu | 2 | 1 | B04 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 3 | 1 | B04 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 1 | 1 | B04 |
| ..... | ..... | ugC | cuagauuuuacacuuauccu | 5 | 1 | B04 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 1 | 1 | B04 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 4 | 1 | B04 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 1 | 1 | B04 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 5 | 1 | B04 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 1 | 1 | B04 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 7 | 1 | B04 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 5 | 1 | B04 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 2 | 1 | B04 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 1 | 1 | B04 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 2 | 1 | B04 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 1 | 1 | B04 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 4 | 1 | B04 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 13 | 0 | B04 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 2 | 1 | B04 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 3 | 1 | B04 |
| ..... | ..... | gacu | agauuuuacacuuauccu | 1 | 0 | B04 |
| ..... | ..... | ccgacu | aaugucuaaauggac | 1 | 0 | H01 |
| ..... | ..... | ggua | aggugacuuucaguuc | 2 | 0 | H01 |
| ..... | ..... | ggua | aggugacuuucaguucaag | 2 | 0 | H01 |
| ..... | ..... | Cugacu | agauuuuacacuuauccu | 9 | 1 | H01 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 1 | 0 | H01 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 1 | 0 | H01 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 22 | 0 | H01 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 78 | 0 | H01 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 1 | 1 | H01 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 1 | 1 | H01 |
| ..... | ..... | ugac | Cagauuuuacacuuauccu | 1 | 1 | H01 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 9 | 1 | H01 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 4 | 1 | H01 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 21 | 1 | H01 |
| ..... | ..... | ugacu | agauuuuacacuuauccu | 8 | 1 | H01 |

Star

Mature

| | | | | | | |
|-------------------------------------|----------------------------------|--------------------------------|----------------------|---|-----|--|
| uuuuucgcauguaccgacuaaugucuaacauggac | gguaaggugacuuucuauguucaaguuuuguu | guaucuuagacuaaguuuuacacuuauccu | ucagaguagacgccgcuucu | | | |
| ..... | ugacuagauuuuacacuaucuu | ..... | 1 | 1 | H01 | |
| ..... | ugacuagCuuuuacacuuauccu | ..... | 3 | 1 | H01 | |
| ..... | ugUcuagauuuuacacuuauccu | ..... | 5 | 1 | H01 | |
| ..... | ugacuagauuuuacacuaucuu | ..... | 20 | 1 | H01 | |
| ..... | Agacuagauuuuacacuuauccu | ..... | 2 | 1 | H01 | |
| ..... | ugacuagauuuuacacuaUuuauccu | ..... | 2 | 1 | H01 | |
| ..... | ugCcuagauuuuacacuuauccu | ..... | 4 | 1 | H01 | |
| ..... | ugacuagauuuGcacuuauccu | ..... | 1 | 1 | H01 | |
| ..... | ugacuagauuuuacacuaGauccu | ..... | 29 | 1 | H01 | |
| ..... | ugacuagaAuuuacacuuauccu | ..... | 5 | 1 | H01 | |
| ..... | ugacuagauuuuacAuuuauccu | ..... | 1 | 1 | H01 | |
| ..... | uUacuagauuuuacacuuauccu | ..... | 3 | 1 | H01 | |
| ..... | ugacCagauuuuacacuuauccu | ..... | 1 | 1 | H01 | |
| ..... | ugacuagauCuucacuuauccu | ..... | 1 | 1 | H01 | |
| ..... | ugacuagauuuuacacuuauccu | ..... | 1 | 1 | H01 | |
| ..... | ugacuagaCuucacuuauccu | ..... | 2 | 1 | H01 | |
| ..... | ugacuagauuuuacacuuacccu | ..... | 7 | 1 | H01 | |
| ..... | ugacuagGuuuuacacuuauccu | ..... | 1 | 1 | H01 | |
| ..... | ugacuagauuuuacacuuauccu | ..... | 9680 | 0 | H01 | |
| ..... | ugacuagauuuuUacuuauccu | ..... | 4 | 1 | H01 | |
| ..... | ugacuagauuuuAcacuuauccu | ..... | 2 | 1 | H01 | |
| ..... | ugacuagauuuuacacuuauGcu | ..... | 1 | 1 | H01 | |
| ..... | ugacuagauuuuacacuuauccA | ..... | 7 | 1 | H01 | |
| ..... | ugacuGgauuuuacacuuauccu | ..... | 4 | 1 | H01 | |
| ..... | ugacuagUuuuuacacuuauccu | ..... | 3 | 1 | H01 | |
| ..... | ugacuagauuuuacacuuauUu | ..... | 1 | 1 | H01 | |
| ..... | ugacuagauuuuAcacuuauccu | ..... | 1 | 1 | H01 | |
| ..... | ugacuaUauuuuacacuuauccu | ..... | 4 | 1 | H01 | |
| ..... | ugacuaAuuuuacacuuauccu | ..... | 2 | 1 | H01 | |
| ..... | Cgacuagauuuuacacuuauccu | ..... | 1 | 1 | H01 | |
| ..... | ugacuagauuuuacacuaAuccu | ..... | 26 | 1 | H01 | |
| ..... | ugacuagauuuuacacuuauGcu | ..... | 7 | 1 | H01 | |
| ..... | ugacuagauuuuacacuuauccu | ..... | 3 | 1 | H01 | |
| ..... | ugaUuagauuuuacacuuauccu | ..... | 2 | 1 | H01 | |
| ..... | ugacuagauuuuacacuuauUcu | ..... | 6 | 1 | H01 | |
| ..... | ugGcuagauuuuacacuuauccu | ..... | 8 | 1 | H01 | |
| ..... | ugacuagauuuuacacuuauccAu | ..... | 7 | 1 | H01 | |
| ..... | ugacuagauuuuacacuuauccG | ..... | 11 | 1 | H01 | |
| ..... | ugacuagauuuuAcacuuauccu | ..... | 2 | 1 | H01 | |
| ..... | ugacuagauuuuacacuuacccu | ..... | 5 | 1 | H01 | |
| ..... | ugacuagauuuuacacuuauccuC | ..... | 1 | 1 | H01 | |
| ..... | ugacuagauuuuacacuuauccuu | ..... | 38 | 0 | H01 | |
| ..... | ugacuagauuuuacacuuauccuuU | ..... | 14 | 1 | H01 | |
| ..... | .gacuagauuuuacacuuauccu | ..... | 7 | 0 | H01 | |
| | .Uacuagauuuuacacuuauccu | | 1 | 1 | H01 | |
| | .gacuagauuuuacacuuauccuu | | 1 | 0 | H01 | |
| | .acuagauuuuacacuuauccu | | 2 | 0 | H01 | |
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|acuuaugucuaacauggac | | | 1 | 0 | H43 | |
|gguaaggugacuuucuaagAu | | | 1 | 1 | H43 | |
|gguaaggugacuuucuaagAuca | | | 1 | 1 | H43 | |
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|gguaaggugacuuucuaagAucaagu | | | 2 | 1 | H43 | |
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|ugacuagauuuuacacuuau | | | 2 | 0 | H43 | |
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|ugacuagauuuuacacuuaucc | | | 162 | 0 | H43 | |
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|ugacuagauuuuacacuuauccA | | | 3 | 1 | H43 | |
|uCaacuagauuuuacacuuauccu | | | 1 | 1 | H43 | |
|ugacuaAuuuuacacuuauccu | | | 1 | 1 | H43 | |

Star

Mature

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|--------------------------------------|---------------------------------------|------------------------|---------------------|------|---|-----|
| uuuuucgcauguaccgacuaaagucuaacaugggac | gguaggugacuuucuaaguucaaguuuguuguaucuu | gacuaaguuuuacacuuauccu | ucagaguagacgccguucu | | | |
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| | | | | 4 | 1 | H43 |
| | | | | 2 | 1 | H43 |
| | | | | 1 | 1 | H43 |
| | | | | 7 | 1 | H43 |
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| | | | | 2 | 1 | H43 |
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| | | | | 2 | 1 | H43 |
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| | | | | 3 | 1 | H43 |
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| | | | | 9 | 1 | H43 |
| | | | | 3 | 1 | H43 |
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| | | | | 2 | 1 | H43 |
| | | | | 10 | 1 | H43 |
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| | | | | 2 | 1 | H43 |
| | | | | 10 | 1 | H43 |
| | | | | 4 | 1 | H43 |
| | | | | 1 | 1 | H43 |
| | | | | 11 | 1 | H43 |
| | | | | 1 | 1 | H43 |
| | | | | 1 | 1 | H43 |
| | | | | 4 | 1 | H43 |
| | | | | 4 | 1 | H43 |
| | | | | 5 | 1 | H43 |
| | | | | 8 | 1 | H43 |
| | | | | 2 | 1 | H43 |
| | | | | 5 | 1 | H43 |
| | | | | 9 | 1 | H43 |
| | | | | 2 | 1 | H43 |
| | | | | 3 | 1 | H43 |
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| | | | | 7 | 1 | H43 |
| | | | | 3 | 1 | H43 |
| | | | | 8 | 1 | H43 |
| | | | | 1 | 1 | H43 |
| | | | | 10 | 1 | H43 |
| | | | | 7 | 1 | H43 |
| | | | | 3 | 1 | H43 |
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| | | | | 1 | 1 | H43 |
| | | | | 53 | 0 | H43 |
| | | | | 1 | 1 | H43 |
| | | | | 1 | 1 | H43 |
| | | | | 7 | 1 | H43 |
| | | | | 46 | 1 | H43 |
| | | | | 1 | 1 | H43 |
| | | | | 1 | 0 | H43 |
| | | | | 1 | 1 | H43 |
| | | | | 1 | 0 | H43 |
| | | | | 1 | 0 | H43 |
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| | | | | 1 | 0 | H44 |
| | | | | 1 | 0 | H44 |
| | | | | 1 | 0 | H44 |
| | | | | 1 | 0 | H44 |
| | | | | 5 | 0 | H44 |
| | | | | 2 | 0 | H44 |
| | | | | 10 | 1 | H44 |
| | | | | 3 | 0 | H44 |
| | | | | 2 | 1 | H44 |
| | | | | 5 | 0 | H44 |
| | | | | 1 | 1 | H44 |

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|-----------------------------------|---------------------------------------|------------------------|----------------------|-------|---|-----|
| uuuuucgcauguaccgacuaaagucuaaaggac | gguaaggugacuuucuaagucaaguuuguuguaucuu | gacuaaguuuuacacuuauccu | ucagaguagacgccgcuucu | | | |
| | gguaaggugacuuucuaagucaac | | | 4 | 1 | H44 |
| | gguaaggugacuuucuaagucaagA | | | 3 | 1 | H44 |
| | gguaaggugacuuucuaagucaagC | | | 3 | 1 | H44 |
| | gguaaggugacuuucuaagucaaguuuguuauc | | | 1 | 0 | H44 |
| |guaggugacuuucuaagucaagu | | | 1 | 0 | H44 |
| |Cugacuagauuuuacacuuauccu | | | 10 | 1 | H44 |
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| |ugacGagauuuuacacuuaucc | | | 1 | 1 | H44 |
| |ugacuagauuuuacacuuaucc | | | 112 | 0 | H44 |
| |ugacuagauuuuacAuuaucc | | | 1 | 1 | H44 |
| |ugacGagauuuuacacuuaucc | | | 1 | 1 | H44 |
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| |ugacAagauuuuacacuuaucc | | | 1 | 1 | H44 |
| |ugacuagauuuuacacuuaucc | | | 188 | 0 | H44 |
| |ugacuagauuuuacacuuauccU | | | 2 | 1 | H44 |
| |ugGcuagauuuuacacuuauccu | | | 15 | 1 | H44 |
| |ugUcuagauuuuacacuuauccu | | | 10 | 1 | H44 |
| |uUacuagauuuuacacuuauccu | | | 7 | 1 | H44 |
| |ugacuagauuuuacacuuauccG | | | 10 | 1 | H44 |
| |ugacuagauuuuAucacuuauccu | | | 1 | 1 | H44 |
| |ugacuagauuuuAacuuauccu | | | 2 | 1 | H44 |
| |ugacuagauuuuGacuuauccu | | | 4 | 1 | H44 |
| |ugacuagauuuuUacuauauccu | | | 3 | 1 | H44 |
| |ugacuagauuuuacacuuGuuccu | | | 1 | 1 | H44 |
| |ugacuagauuuuacacuuauccAu | | | 8 | 1 | H44 |
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| |ugacuagauuuuacacuuauccC | | | 17 | 1 | H44 |
| |ugacuagauuuuacacuuauccu | | | 5 | 1 | H44 |
| |ugacuagauuuuacacuuauccA | | | 5 | 1 | H44 |
| |ugacuagauuuuacacuuauAuccu | | | 9 | 1 | H44 |
| |ugacuagaAuuuacacuuauccu | | | 3 | 1 | H44 |
| |ugacuagauuuuacacuuauGcu | | | 10 | 1 | H44 |
| |ugacuagauuuuacacGuauccu | | | 4 | 1 | H44 |
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| |ugacuagauuuuacacuuauCccu | | | 4 | 1 | H44 |
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| |ugacuGgauuuuacacuuauccu | | | 2 | 1 | H44 |
| |ugacGagauuuuacacuuauccu | | | 11 | 1 | H44 |
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| |ugacuagUuuuuacacuuauccu | | | 8 | 1 | H44 |
| |ugacuagauuuuacacAuauccu | | | 3 | 1 | H44 |
| |ugacuagauuuuacacuuuGccu | | | 15 | 1 | H44 |
| |ugacuagauuuuacAuauccu | | | 11 | 1 | H44 |
| |ugacuagGuuuuacacuuauccu | | | 3 | 1 | H44 |
| |ugacuagauuuuacacuuGauccu | | | 9 | 1 | H44 |
| |ugacAagauuuuacacuuauccu | | | 12 | 1 | H44 |
| |ugacuagauuuuacAGuuauccu | | | 6 | 1 | H44 |
| |ugacuagauuuuacacuuCuuccu | | | 1 | 1 | H44 |
| |ugCcuagauuuuacacuuauccu | | | 16 | 1 | H44 |
| |ugacuagCuuuuacacuuauccu | | | 4 | 1 | H44 |
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| |ugacuagauuuuacacuuauccCu | | | 5 | 1 | H44 |
| |ugacuagauuuuacacuuauccuC | | | 4 | 1 | H44 |

Star

Mature

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|---------------------------------------------------------------------------------------------------------------------|------|---|-----|
| uuuuucgcauguaccgacuaaagucuaaaggacgggagggugacuuucuauguucaaguuuguuguaucuuugacuaaguuuuacacuuauccuucagaguagacgccgcucucu | | | |
|ugacuagauuuuacacuuauccuG..... | 2 | 1 | H44 |
|ugacuagauuuuacacuuauccuA..... | 5 | 1 | H44 |
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|ugacuagauuuuacacuuauccuuA..... | 1 | 1 | H44 |
|ugacuagauuuuacacuuauccuuG..... | 1 | 1 | H44 |
|ugacuagauuuuacacuuauccuuU..... | 2 | 1 | H44 |
|gacuagauuuuacacuuauccu..... | 5 | 0 | H44 |
|acuagauuuuacacuuauccu..... | 2 | 0 | H44 |
|cuagauuuuacacuuauccu..... | 1 | 0 | H44 |
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|ugCcuagauuuuacacuuauccu..... | 9 | 1 | E03 |
|ugacuagauuuuacacuuauGccu..... | 6 | 1 | E03 |
|uUacuagauuuuacacuuauccu..... | 4 | 1 | E03 |
|ugacuUgauuuuacacuuauccu..... | 1 | 1 | E03 |
|ugacuagauuuuacacuuauucGu..... | 7 | 1 | E03 |
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|ugacGagauuuuacacuuauccu..... | 4 | 1 | E03 |
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|ugacuagauuuuacacuuauccG..... | 4 | 1 | E03 |
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|ugacuaUauuuuacacuuauccu..... | 1 | 1 | E03 |
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|ugacuagauuuuacacuuauccA..... | 1 | 1 | E03 |
|ugaUuagauuuuacacuuauccu..... | 1 | 1 | E03 |
|ugacuagauuuuAcacuuauccu..... | 1 | 1 | E03 |
|ugacuagauuuuacAuauccu..... | 3 | 1 | E03 |
|ugacuagauuuuacacuuauccC..... | 5 | 1 | E03 |
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|ugacuaAuuuuacacuuauccu..... | 1 | 1 | E03 |
|ugacuagauuuuacacuuauccu..... | 4 | 1 | E03 |
|ugacCagauuuuacacuuauccu..... | 4 | 1 | E03 |
|ugacuagauuuuacacuuuaccu..... | 3 | 1 | E03 |
|ugacuagauuuuacacAuauccu..... | 1 | 1 | E03 |
|Cgacuagauuuuacacuuauccu..... | 3 | 1 | E03 |
|ugacuagauuuuacacuuuaccu..... | 5 | 1 | E03 |
|ugacuagauuuuacacuuauucUu..... | 1 | 1 | E03 |
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|ugacuagauuuuacacuuauccuC..... | 2 | 1 | E03 |
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|ugacuagauuuuacacuuauccuA..... | 2 | 1 | E03 |
|ugacuagauuuuacacuuauccuuU..... | 9 | 1 | E03 |
|ugacuagauuuuacacuuauccuuca..... | 1 | 0 | E03 |
|gacuagauuuuacacuuauccu..... | 1 | 0 | E03 |
| | | | |
|Cugacuagauuuuacacuuauccu..... | 7 | 1 | E22 |
|ugacuagauuuuacacuuau..... | 4 | 0 | E22 |
|ugacuagauuuuacacuuauuc..... | 20 | 0 | E22 |
|ugacuagauuuuacacuuauucG..... | 1 | 1 | E22 |
|ugacuagauuuuacacuuauucc..... | 73 | 0 | E22 |
|ugacuagUuuuuacacuuaucc..... | 1 | 1 | E22 |

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uuuuucgcauguaccgacuaaagucuaacauggacgguaggugacuuucuaaguucaaguuuguuguaucuuugacuaaguuuuacacuuauccuucagaguagacgccgcuucu

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|--------------------------------------|------|---|-----|
|ugacuagaCuuuacacuuauccu..... | 4 | 1 | E22 |
|ugacuGgauuuuacacuuauccu..... | 1 | 1 | E22 |
|ugacuagauuuuacacAuuauccu..... | 2 | 1 | E22 |
|ugacuagauuuAucacuuauccu..... | 1 | 1 | E22 |
|ugacAagauuuuacacuuauccu..... | 3 | 1 | E22 |
|ugacCagauuuuacacuuauccu..... | 1 | 1 | E22 |
|ugacuagauuuuacacuCauccu..... | 14 | 1 | E22 |
|ugacuagauuuuCCuuauccu..... | 1 | 1 | E22 |
|ugacuagauuuuacacuuGccu..... | 7 | 1 | E22 |
|uUacuagauuuuacacuuauccu..... | 3 | 1 | E22 |
|ugacuagauuuuacacuuauUcu..... | 2 | 1 | E22 |
|ugacuagauuuuacacuuauGcu..... | 8 | 1 | E22 |
|ugacuagauuuuacacuAauccu..... | 19 | 1 | E22 |
|ugacuagauuuuacAGuuauccu..... | 2 | 1 | E22 |
|ugaGuagauuuuacacuuauccu..... | 1 | 1 | E22 |
|ugacuagauuuAacacuuauccu..... | 2 | 1 | E22 |
|ugacuagauuuuUcuuauccu..... | 2 | 1 | E22 |
|ugacuagaAuuuacacuuauccu..... | 3 | 1 | E22 |
|ugacuagauuUcacuuauccu..... | 2 | 1 | E22 |
|ugacuagauuuuacacuuauUu..... | 2 | 1 | E22 |
|ugacuagauCuucacuuauccu..... | 2 | 1 | E22 |
|ugacuagauuuuacacuuauAcu..... | 10 | 1 | E22 |
|ugacuagauuuuacacuuAaccu..... | 7 | 1 | E22 |
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|ugacuagUuuuacacuuauccu..... | 3 | 1 | E22 |
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|ugacuagauuuuacacuGauccu..... | 20 | 1 | E22 |
|ugacuagauuuuacacuuauA..... | 13 | 1 | E22 |
|ugacuagauuuuacAuuauccu..... | 1 | 1 | E22 |
|ugacuUgauuuuacacuuauccu..... | 2 | 1 | E22 |
|ugacuagauuuuUacuuauccu..... | 3 | 1 | E22 |
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|ugGcuagauuuuacacuuauccu..... | 8 | 1 | E22 |
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|Ggacuagauuuuacacuuauccu..... | 1 | 1 | E22 |
|ugacuagauuuuacacuuauccuu..... | 33 | 0 | E22 |
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|ugacuagauuuuacacuuauccuG..... | 1 | 1 | E22 |
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|ugacuagauuuuacacuuauccuuc..... | 3 | 0 | E22 |
|ugacuagauuuuacacuuauccuucU..... | 1 | 1 | E22 |
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|gacuagauuuuacacuuauccu..... | 2 | 0 | E22 |
|gacuagauuuuacacuuauccuu..... | 1 | 0 | E22 |
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|ugacuagauuuuacacuuA..... | 1 | 0 | E71 |
|ugacuagauuuuacacuuauC..... | 7 | 0 | E71 |
|ugacuagauuuuAacuuaucc..... | 1 | 1 | E71 |
|ugacuagauuuuacacuuaucc..... | 39 | 0 | E71 |
|uCacuagauuuuacacuuauccu..... | 1 | 1 | E71 |
|uUacuagauuuuacacuuauccu..... | 3 | 1 | E71 |
|ugacuagauuuuacacuuauccG..... | 6 | 1 | E71 |
|ugacuagauuuuAacuuauccu..... | 1 | 1 | E71 |
|ugacuagauuuuacacuuauccC..... | 3 | 1 | E71 |

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|---------------------------------------------------------------------------------------------------------------------|------|---|-----|
| uuuuucgcauguaccgacuaaagucuaacauggacgggagggugacuuucuaagucaaguuuguuguaucuuugacuaaguuuuacacuuauccuucagaguagacgccgcuucu | | | |
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|ugaGuagauuuuacacuuauccu..... | 1 | 1 | E71 |
|ugacuaUauuuuacacuuauccu..... | 5 | 1 | E71 |
|ugaAuagauuuuacacuuauccu..... | 1 | 1 | E71 |
|ugacuagauuuGcacuuauccu..... | 1 | 1 | E71 |
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|Cgacuagauuuuacacuuauccu..... | 1 | 1 | E71 |
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|ugGcuagauuuuacacuuauccu..... | 6 | 1 | E71 |
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|ugacuagauuuuacacuuauccA..... | 1 | 1 | E71 |
|ugacuagauuuuacacuuCauccu..... | 6 | 1 | E71 |
|ugacuagauuuuacacuuGauccu..... | 8 | 1 | E71 |
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|ugacAagauuuuacacuuauccu..... | 1 | 1 | E71 |
|ugacuagauuuuUcuuauccu..... | 1 | 1 | E71 |
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|ugacuagauuuuacacuuauccuC..... | 1 | 1 | E71 |
|ugacuagauuuuacacuuauccuuU..... | 10 | 1 | E71 |
|gggagggugacuuucuaagAuca..... | 1 | 1 | B02 |
|gggagggugacuuucuaaguGaaG..... | 1 | 1 | B02 |
|gggagggugacuuucuaagAucaag..... | 4 | 1 | B02 |
|Cugacuagauuuuacacuuauccu..... | 2 | 1 | B02 |
|ugacuagauuuuacacuuuA..... | 1 | 0 | B02 |
|ugacuagauuuuacacuuuauC..... | 13 | 0 | B02 |
|ugCcuagauuuuacacuuuauC..... | 1 | 1 | B02 |
|ugacuagauuuuacacuuGaucc..... | 1 | 1 | B02 |
|ugGcuagauuuuacacuuuaucc..... | 1 | 1 | B02 |
|ugacuagauuuuacacuuuaucc..... | 39 | 0 | B02 |
|ugUcuagauuuuacacuuuauccu..... | 3 | 1 | B02 |
|ugaUuagauuuuacacuuuauccu..... | 1 | 1 | B02 |
|ugGcuagauuuuacacuuuauccu..... | 4 | 1 | B02 |
|ugacuagauuuuacacuuauccG..... | 10 | 1 | B02 |
|ugacuagauuuuacacuuuAccc..... | 2 | 1 | B02 |
|uUacuagauuuuacacuuuauccu..... | 4 | 1 | B02 |
|ugacuagaAuuuacacuuuauccu..... | 1 | 1 | B02 |
|ugacuCGauuuuacacuuuauccu..... | 2 | 1 | B02 |
|ugacuagauuuuacacuuCauccu..... | 11 | 1 | B02 |
|ugacuagauuuuacacuuuauAcu..... | 3 | 1 | B02 |
|ugacuGgauuuuacacuuuauccu..... | 1 | 1 | B02 |
|ugacuagauuuuacacuuuauGcu..... | 4 | 1 | B02 |
|uAacuagauuuuacacuuuauccu..... | 1 | 1 | B02 |
|ugacuagauuuuacacGuauccu..... | 1 | 1 | B02 |
|ugacuagauuuuacacuuuAaccu..... | 6 | 1 | B02 |
|ugacuagauuuuacacuuuauccA..... | 3 | 1 | B02 |
|ugCcuagauuuuacacuuuauccu..... | 1 | 1 | B02 |
|Agacuagauuuuacacuuuauccu..... | 1 | 1 | B02 |
|ugacuagauuuuacacuuuauGcu..... | 1 | 1 | B02 |
|ugacuagauCuucacuuuauccu..... | 1 | 1 | B02 |
|ugacuagauuuuacacuuAuccu..... | 9 | 1 | B02 |
|ugacuagauuuuacacuuuauGcu..... | 4 | 1 | B02 |
|ugacuagauuuuacacuuGuccu..... | 2 | 1 | B02 |
|ugacuagauuuuacacuuuauCau..... | 2 | 1 | B02 |
|ugacuagauuuuacacuuuauccC..... | 11 | 1 | B02 |
|ugacuagauuuuUcuuauccu..... | 1 | 1 | B02 |
|ugacuagaCuuuacacuuuauccu..... | 1 | 1 | B02 |
|ugacuagauuuuacacuuGauccu..... | 17 | 1 | B02 |
|ugacuagauuuuacacuuuauccu..... | 4213 | 0 | B02 |
|ugacuagauuuuAacuuuauccu..... | 1 | 1 | B02 |
|ugacuaUauuuuacacuuuauccu..... | 1 | 1 | B02 |

Mature

| | | | |
|--------------------------------------|------|---|-----|
|ugaAuagauuuucacuuauccu..... | 1 | 1 | B02 |
|ugacuagauuuuucacuuauUcu..... | 1 | 1 | B02 |
|ugacuagauuuuucacuuauUu..... | 2 | 1 | B02 |
|ugacuUgauuuuucacuuauccu..... | 2 | 1 | B02 |
|ugacuagauuuuucacuAauccuu..... | 1 | 1 | B02 |
|ugacuagauuuuucacuuauccCu..... | 2 | 1 | B02 |
|ugacuagauuuuucacuuauccuG..... | 2 | 1 | B02 |
|ugacuagauuuuucacuuauccuA..... | 1 | 1 | B02 |
|ugacuagauuuuucacuuauccuC..... | 1 | 1 | B02 |
|ugacuagauuuuucacuuauccuu..... | 49 | 0 | B02 |
|ugacuagauuuuucacuuauccuuU..... | 7 | 1 | B02 |
|acuagauuuuucacuuauccu..... | 2 | 0 | B02 |
|cuagauuuuucacuuauccu..... | 2 | 0 | B02 |
|acuaaagucuaacaauaggac..... | 3 | 0 | H02 |
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|gguaaggugacuuuucuaaguucaag..... | 1 | 0 | H02 |
|guaggugacuuuucuaagAucaag..... | 1 | 1 | H02 |
|Cugacuagauuuuucacuuauccu..... | 7 | 1 | H02 |
|ugacuagauuuuucacuuau..... | 2 | 0 | H02 |
|ugacuagauuuuucacuuauuc..... | 17 | 0 | H02 |
|ugacuagauuuCcacuuauuc..... | 1 | 1 | H02 |
|ugacuagauuuuucacuuauuc..... | 67 | 0 | H02 |
|ugacuagauuuuucacuuauAcc..... | 1 | 1 | H02 |
|ugacuagauuuuucacuuauauucc..... | 1 | 1 | H02 |
|ugacuagauuuuucacuuauGcu..... | 2 | 1 | H02 |
|ugacuaUauuuuucacuuauccu..... | 2 | 1 | H02 |
|ugacuagCuuuuucacuuauccu..... | 3 | 1 | H02 |
|ugacuagauuuuucacuuCuccu..... | 1 | 1 | H02 |
|ugacuagauuuuucacuuCauccu..... | 14 | 1 | H02 |
|ugacuagaCuuuucacuuauccu..... | 1 | 1 | H02 |
|ugacuagauuuuucacuuauUu..... | 3 | 1 | H02 |
|ugacuagGuuuuucacuuauccu..... | 1 | 1 | H02 |
|ugGcuagauuuuucacuuauccu..... | 8 | 1 | H02 |
|ugacuUgauuuuucacuuauccu..... | 1 | 1 | H02 |
|ugacuagauuuuucacuuauGccu..... | 4 | 1 | H02 |
|ugaAuagauuuuucacuuauccu..... | 1 | 1 | H02 |
|ugacuagauuuuucUcuuauccu..... | 2 | 1 | H02 |
|ugacuagauuuuucacuuauAccu..... | 9 | 1 | H02 |
|ugacuagauuuuucacuuauucGu..... | 5 | 1 | H02 |
|ugacuagauuuuucacAuauccu..... | 1 | 1 | H02 |
|ugacuagauuuuucacuuauccA..... | 16 | 1 | H02 |
|ugacuagauuuuucacuuauCccu..... | 2 | 1 | H02 |
|ugacuaCauuuuucacuuauccu..... | 2 | 1 | H02 |
|ugacuagauuuuucacuuauUcu..... | 2 | 1 | H02 |
|ugacuCGauuuuucacuuauccu..... | 2 | 1 | H02 |
|ugacuagauuuuucacuuauccG..... | 19 | 1 | H02 |
|ugacuaAuuuuucacuuauccu..... | 1 | 1 | H02 |
|ugacuagauuuGcacuuauccu..... | 1 | 1 | H02 |
|ugacuagauGuuucacuuauccu..... | 1 | 1 | H02 |
|uUacuagauuuuucacuuauccu..... | 3 | 1 | H02 |
|ugacuagauuuuucacuuauccu..... | 8068 | 0 | H02 |
|ugUcuagauuuuucacuuauccu..... | 4 | 1 | H02 |
|ugacuagauuCucacuuauccu..... | 1 | 1 | H02 |
|ugacuGgauuuuucacuuauccu..... | 1 | 1 | H02 |
|ugacuagauuuuUacuauccu..... | 1 | 1 | H02 |
|ugacuagauuuuucacuuAuauccu..... | 32 | 1 | H02 |
|ugacuagauuuuucacuuauAcu..... | 4 | 1 | H02 |
|ugacuagUuuuucacuuauccu..... | 4 | 1 | H02 |
|ugacuagaAuuuucacuuauccu..... | 3 | 1 | H02 |
|ugaUuagauuuuucacuuauccu..... | 1 | 1 | H02 |
|ugacuagauuuuucacuuauucAu..... | 7 | 1 | H02 |
|ugacCagauuuuucacuuauccu..... | 3 | 1 | H02 |
|ugacuagauCuucacuuauccu..... | 2 | 1 | H02 |
|ugacuagauuuuucacuGauccu..... | 26 | 1 | H02 |
|Cgacuagauuuuucacuuauccu..... | 5 | 1 | H02 |
|Agacuagauuuuucacuuauccu..... | 1 | 1 | H02 |
|ugacuagauuuuucacuuauccC..... | 20 | 1 | H02 |
|ugCcuagauuuuucacuuauccu..... | 5 | 1 | H02 |
|ugacuagauuuuucacuuauccuA..... | 1 | 1 | H02 |

Star

Mature

| | | | | | | |
|-------------------------------------|---------------------------------------|--------------------------------|-----------------------|------|---|-----|
| uuuuucgcauguaccgacuaaagucuaacauggac | gguaaggugacuuucuaagucaaguuuguuguaucuu | ugacuagauuuuacacuuauccu | ucagaguagacgccgcucucu | | | |
| ..... | ..... | ugacuagauuuuacacuuauccu | C..... | 4 | 1 | H02 |
| ..... | ..... | ugacuagauuuuacacuuauccu | G..... | 1 | 1 | H02 |
| ..... | ..... | ugacuagauuuuacacuuauccuu..... | ..... | 33 | 0 | H02 |
| ..... | ..... | ugacuagauuuuacacuuauccuuU..... | ..... | 10 | 1 | H02 |
| ..... | ..... | gacuagauuuuacacuuauccu..... | ..... | 3 | 0 | H02 |
| ..... | ..... | acuagauuuuacacuuauccu..... | ..... | 1 | 0 | H02 |
| ..... | ..... | cuagauuuuacacuuauccu..... | ..... | 1 | 0 | H02 |
| ..... | ..... | accgacuaaagucuaacauggac..... | ..... | 1 | 0 | H21 |
| ..... | ..... | acuaaagucuaacaaggac..... | ..... | 1 | 1 | H21 |
| ..... | ..... | Cugacuagauuuuacacuuauccu..... | ..... | 2 | 1 | H21 |
| ..... | ..... | ugacuagauuuuacacuuau..... | ..... | 1 | 0 | H21 |
| ..... | ..... | ugacuagauuuuacacuuau..... | ..... | 11 | 0 | H21 |
| ..... | ..... | ugacuagauuuuacacuuaucc..... | ..... | 27 | 0 | H21 |
| ..... | ..... | ugacuagauuuuacacuuauccu..... | ..... | 2990 | 0 | H21 |
| ..... | ..... | ugacuagauuuuAcuuauccu..... | ..... | 1 | 1 | H21 |
| ..... | ..... | ugacuagauuuuacacuuauUcu..... | ..... | 1 | 1 | H21 |
| ..... | ..... | ugacuagauuuuacacuuauAcu..... | ..... | 1 | 1 | H21 |
| ..... | ..... | ugacuagauuuuAcuuauccu..... | ..... | 2 | 1 | H21 |
| ..... | ..... | ugacuagauuuuacacuuAcuu..... | ..... | 1 | 1 | H21 |
| ..... | ..... | Ggacuagauuuuacacuuauccu..... | ..... | 1 | 1 | H21 |
| ..... | ..... | ugacuagauuuuAcuuauccu..... | ..... | 2 | 1 | H21 |
| ..... | ..... | ugacuagauuuuacacuuauGcu..... | ..... | 4 | 1 | H21 |
| ..... | ..... | ugacuagauuuuacacuuauccu..... | ..... | 1 | 1 | H21 |
| ..... | ..... | ugacuaguuuuacacuuauccu..... | ..... | 1 | 1 | H21 |
| ..... | ..... | ugacuagauuuuacacuuauAcu..... | ..... | 2 | 1 | H21 |
| ..... | ..... | ugacAagauuuuacacuuauccu..... | ..... | 4 | 1 | H21 |
| ..... | ..... | ugacuagauuuuacacuuauGcu..... | ..... | 1 | 1 | H21 |
| ..... | ..... | ugacuagUuuuuacacuuauccu..... | ..... | 1 | 1 | H21 |
| ..... | ..... | ugacuagauuuuacacuuauccu..... | ..... | 3 | 1 | H21 |
| ..... | ..... | ugacuagauuuuacacuuauccA..... | ..... | 1 | 1 | H21 |
| ..... | ..... | ugacuagCuuuuacacuuauccu..... | ..... | 1 | 1 | H21 |
| ..... | ..... | ugacuagauuuuacacuuauccC..... | ..... | 3 | 1 | H21 |
| ..... | ..... | ugacuagauuuAcacuuauccu..... | ..... | 1 | 1 | H21 |
| ..... | ..... | ugacuagauuuuacacuuauccu..... | ..... | 4 | 1 | H21 |
| ..... | ..... | ugacuagauuuuUcuuauccu..... | ..... | 2 | 1 | H21 |
| ..... | ..... | ugCcuagauuuuacacuuauccu..... | ..... | 3 | 1 | H21 |
| ..... | ..... | ugacuagauuuuacacuuauccu..... | ..... | 2 | 1 | H21 |
| ..... | ..... | ugacGagauuuuacacuuauccu..... | ..... | 1 | 1 | H21 |
| ..... | ..... | ugacuagauuuuacacuuauGccu..... | ..... | 5 | 1 | H21 |
| ..... | ..... | ugaAuagauuuuacacuuauccu..... | ..... | 1 | 1 | H21 |
| ..... | ..... | ugacuagauuuuacacuuauccu..... | ..... | 1 | 1 | H21 |
| ..... | ..... | uUacuagauuuuacacuuauccu..... | ..... | 1 | 1 | H21 |
| ..... | ..... | ugUcuagauuuuacacuuauccu..... | ..... | 4 | 1 | H21 |
| ..... | ..... | ugacuagauuuuacacuuauUu..... | ..... | 1 | 1 | H21 |
| ..... | ..... | ugacuagauuuuacacuuauccu..... | ..... | 3 | 1 | H21 |
| ..... | ..... | ugacuagauuuuacacuuauccG..... | ..... | 3 | 1 | H21 |
| ..... | ..... | ugacuagaAuuuacacuuauccu..... | ..... | 1 | 1 | H21 |
| ..... | ..... | ugacuGgauuuuacacuuauccu..... | ..... | 1 | 1 | H21 |
| ..... | ..... | ugacuagauuuuAcacuuauccu..... | ..... | 1 | 1 | H21 |
| ..... | ..... | ugacuaUuuuuacacuuauccu..... | ..... | 2 | 1 | H21 |
| ..... | ..... | ugacCagauuuuacacuuauccu..... | ..... | 4 | 1 | H21 |
| ..... | ..... | ugacuagauuuCucacuuauccu..... | ..... | 1 | 1 | H21 |
| ..... | ..... | ugacuagauuuuAcuuauccu..... | ..... | 1 | 1 | H21 |
| ..... | ..... | ugacuagaAuuuacacuuauccuu..... | ..... | 1 | 1 | H21 |
| ..... | ..... | ugacuagauuuuacacuuauccuu..... | ..... | 14 | 0 | H21 |
| ..... | ..... | ugacuagauuuuacacuuauccuC..... | ..... | 2 | 1 | H21 |
| ..... | ..... | ugacuagauuuuacacuuauccCu..... | ..... | 1 | 1 | H21 |
| ..... | ..... | ugacuagauuuuacacuuauccuuU..... | ..... | 5 | 1 | H21 |
| ..... | ..... | ugacuagauuuuacacuuauccuuG..... | ..... | 1 | 1 | H21 |
| ..... | ..... | gacuagauuuuacacuuauccu..... | ..... | 1 | 0 | H21 |
| ..... | ..... | Uacuagauuuuacacuuauccu..... | ..... | 1 | 1 | H21 |
| ..... | ..... | ccgacuaaagucuaacauggac..... | ..... | 1 | 0 | E23 |
| ..... | ..... | gacuaaagucuaacauggac..... | ..... | 1 | 0 | E23 |
| ..... | ..... | gguaaggugacuuucuaagucaag..... | ..... | 2 | 0 | E23 |
| ..... | ..... | Cugacuagauuuuacacuuauccu..... | ..... | 7 | 1 | E23 |
| ..... | ..... | ugacuagauuuuacacuuau..... | ..... | 7 | 0 | E23 |
| | | ugacuagauuuuacacuuaucc..... | | 39 | 0 | E23 |
| | | ugacuagUuuuuacacuuauccu..... | | 1 | 1 | E23 |

Star

Mature

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|-------------------------------------------------------------------------------------------------------------------|------|---|-----|
| uuuuucgcauguaccgacuaaagucuaaaggacggagaggugacuuucuaagucaaguuuguuguaucuuugacuagauuuuacacuuauccuucagaguagacgccgcuucu | | | |
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|ugacuagauuuuacacuuaucau..... | 10 | 1 | E23 |
|ugacuagauuuUacacuuauccu..... | 1 | 1 | E23 |
|ugGcuagauuuuacacuuauccu..... | 9 | 1 | E23 |
|ugacuagauuuuacacuuaucaUu..... | 3 | 1 | E23 |
|ugacuagauuuuacacuuauccC..... | 7 | 1 | E23 |
|ugacuagauCuucacuuauccu..... | 1 | 1 | E23 |
|ugacuagauuuucaUuuauccu..... | 1 | 1 | E23 |
|ugacuagauuuuacacuuauccu..... | 5946 | 0 | E23 |
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|Cgacuagauuuuacacuuauccu..... | 4 | 1 | E23 |
|ugacAagauuuuacacuuauccu..... | 2 | 1 | E23 |
|ugacuagauuuuacacCuauccu..... | 1 | 1 | E23 |
|ugCcuagauuuuacacuuauccu..... | 1 | 1 | E23 |
|ugacuagauuuuacacuuuGccu..... | 6 | 1 | E23 |
|ugacuagCuuuuacacuuauccu..... | 1 | 1 | E23 |
|ugacuagauuuuacacuuuAaccu..... | 2 | 1 | E23 |
|ugacuagauuuGucacuuauccu..... | 1 | 1 | E23 |
|ugacuagauuuuacacuuUuccu..... | 2 | 1 | E23 |
|ugacuagauuuuGcuuauccu..... | 3 | 1 | E23 |
|uUacuagauuuuacacuuauccu..... | 2 | 1 | E23 |
|ugacuagauuuuacacuuauccG..... | 10 | 1 | E23 |
|ugacuagaAuuuacacuuauccu..... | 2 | 1 | E23 |
|ugacuagauuuuacacuuAuccu..... | 15 | 1 | E23 |
|ugUcuagauuuuacacuuauccu..... | 5 | 1 | E23 |
|ugacuagauuuuacacuuauccA..... | 9 | 1 | E23 |
|ugacuagauuuCucacuuauccu..... | 4 | 1 | E23 |
|ugaAuagauuuuacacuuauccu..... | 1 | 1 | E23 |
|ugacuagauuuuacacuuaucaGcu..... | 3 | 1 | E23 |
|ugacuagauuuuacacuuauAcu..... | 2 | 1 | E23 |
|ugacuagauuuuacAuuauccu..... | 1 | 1 | E23 |
|ugacuagauuuuacacCuauccu..... | 11 | 1 | E23 |
|ugacuaCauuuuacacuuauccu..... | 1 | 1 | E23 |
|ugacuagauuuuacacuuuAccu..... | 2 | 1 | E23 |
|ugacCagauuuuacacuuauccu..... | 1 | 1 | E23 |
|ugacuagauuuuacacuuGauccu..... | 24 | 1 | E23 |
|ugacuagauuuuacacuuauUcu..... | 2 | 1 | E23 |
|ugacuGgauuuuacacuuauccu..... | 2 | 1 | E23 |
|ugacuaUauuuuacacuuauccu..... | 4 | 1 | E23 |
|ugacuagauuuuacacuuauccuu..... | 20 | 0 | E23 |
|ugacuagauuuuacacuuauccuC..... | 3 | 1 | E23 |
|ugacuagauuuuacacuuauccuuU..... | 2 | 1 | E23 |
|gacuagauuuuacacuuauccu..... | 2 | 0 | E23 |
|acuagauuuuacacuuauccu..... | 1 | 0 | E23 |
|ugacuagauuuuacacuuauca..... | 9 | 0 | A61 |
|uUacuagauuuuacacuuaucc..... | 1 | 1 | A61 |
|Agacuagauuuuacacuuaucc..... | 1 | 1 | A61 |
|ugacuagauuuuacacuuaucc..... | 23 | 0 | A61 |
|ugacuagauuuuacacuuauccu..... | 1 | 1 | A61 |
|ugacuagauuuuacacuuuGccu..... | 2 | 1 | A61 |
|ugacuagauuuuacacuuauccC..... | 2 | 1 | A61 |
|ugGcuagauuuuacacuuauccu..... | 2 | 1 | A61 |
|ugacuagauuuuacacuuaucaAu..... | 6 | 1 | A61 |
|ugacuagauuuuacacuuauAcu..... | 2 | 1 | A61 |
|ugacuGgauuuuacacuuauccu..... | 1 | 1 | A61 |
|ugacuagauuuuacacuuGauccu..... | 1 | 1 | A61 |
|ugacuagauuuuacacuuaucaUu..... | 1 | 1 | A61 |
|ugacuagauuuuacacuuauccA..... | 1 | 1 | A61 |
|ugacuagauuuuacacuuauccG..... | 5 | 1 | A61 |
|ugCcuagauuuuacacuuauccu..... | 1 | 1 | A61 |
|ugacuagauuuuUacuuauccu..... | 1 | 1 | A61 |
|ugacuagauuuuacacuuAuccu..... | 3 | 1 | A61 |
|ugacuagauuuuacacuuauccu..... | 1244 | 0 | A61 |
|ugacuagauuuuacacuuauUcu..... | 1 | 1 | A61 |
|ugacuagauuuuacacCuauccu..... | 2 | 1 | A61 |
|ugacuagauuuuacacuuaucaGcu..... | 1 | 1 | A61 |
|ugacuagauCuucacuuauccu..... | 1 | 1 | A61 |
|ugacuagauuuuacacuuauccuu..... | 7 | 0 | A61 |
|ugacuagauuuuacacuuauccuA..... | 1 | 1 | A61 |

Star

Mature

| | | | | | | |
|-----------------------------------|--------------------------------------|--------------------------|----------------------|------|---|-----|
| uuuuucgcauguaccgacuaaagucuaaaggac | gguaggugacuuucuaagucaaguuuguuguaucuu | gacuaaguuuuacacuuauccu | ucagaguagacgccgcuucu | | | |
| ..... | ugacuagauuuucacuuauccu | C..... | | 1 | 1 | A61 |
| ..... | ugacuagauuuucacuuauccu | U..... | | 2 | 1 | A61 |
| | | | | | | |
| ..... | gguaggugacuuucuaaguuc | ..... |  | 2 | 0 | H61 |
| ..... | gguaggugacuuucuaaguca | ..... |  | 1 | 0 | H61 |
| ..... | gguaggugacuuucuaagucaag | ..... |  | 1 | 0 | H61 |
| ..... | ..... | Cugacuagauuuucacuuauccu | ..... | 5 | 1 | H61 |
| ..... | ..... | ugacuagauuuucacuuaucc | ..... | 12 | 0 | H61 |
| ..... | ..... | ugacuagauuuucacuuaucc | ..... | 36 | 0 | H61 |
| ..... | ..... | ugacuaAauuuucacuuauccu | ..... | 1 | 1 | H61 |
| ..... | ..... | ugaAuagauuuucacuuauccu | ..... | 1 | 1 | H61 |
| ..... | ..... | ugacuagauuuucacuuauccu | ..... | 5 | 1 | H61 |
| ..... | ..... | ugacGagauuuucacuuauccu | ..... | 5 | 1 | H61 |
| ..... | ..... | ugacuagauuuucacuuauccu | ..... | 4 | 1 | H61 |
| ..... | ..... | uAacuagauuuucacuuauccu | ..... | 1 | 1 | H61 |
| ..... | ..... | ugacuagauuuucacuuauUcu | ..... | 1 | 1 | H61 |
| ..... | ..... | ugacuagauuuucacuuauccu | ..... | 5 | 1 | H61 |
| ..... | ..... | ugacuagauuuucacuuauccu | ..... | 1 | 1 | H61 |
| ..... | ..... | ugacuagauuuucacuuUuccu | ..... | 1 | 1 | H61 |
| ..... | ..... | ugacuagGuuuucacuuauccu | ..... | 2 | 1 | H61 |
| ..... | ..... | ugacuagauuGucacuuauccu | ..... | 1 | 1 | H61 |
| ..... | ..... | ugGcuagauuuucacuuauccu | ..... | 4 | 1 | H61 |
| ..... | ..... | ugacuagauuuucacuuauAcu | ..... | 1 | 1 | H61 |
| ..... | ..... | ugacuagauuuucacuuauccu | ..... | 2 | 1 | H61 |
| ..... | ..... | ugacuagauuuucacuuauccu | ..... | 6 | 1 | H61 |
| ..... | ..... | ugacuagauuuucacuuauccG | ..... | 4 | 1 | H61 |
| ..... | ..... | ugacAagauuuucacuuauccu | ..... | 9 | 1 | H61 |
| ..... | ..... | ugacCagauuuucacuuauccu | ..... | 4 | 1 | H61 |
| ..... | ..... | ugacuagauCuuacacuuauccu | ..... | 2 | 1 | H61 |
| ..... | ..... | ugacuagauuuuGcuuauccu | ..... | 1 | 1 | H61 |
| ..... | ..... | ugaUuagauuuucacuuauccu | ..... | 2 | 1 | H61 |
| ..... | ..... | ugacuagauuuucacuuauccGu | ..... | 1 | 1 | H61 |
| ..... | ..... | ugacuagauuuucacuuauccUu | ..... | 1 | 1 | H61 |
| ..... | ..... | ugacuagCuuuucacuuauccu | ..... | 2 | 1 | H61 |
| ..... | ..... | ugacuagUuuuucacuuauccu | ..... | 4 | 1 | H61 |
| ..... | ..... | ugacuagauuuucacuuauGccu | ..... | 8 | 1 | H61 |
| ..... | ..... | ugacuagauuuuUcuuauccu | ..... | 1 | 1 | H61 |
| ..... | ..... | ugacuagauuuucacuuauccC | ..... | 6 | 1 | H61 |
| ..... | ..... | uUacuagauuuucacuuauccu | ..... | 1 | 1 | H61 |
| ..... | ..... | ugacuagauuuucacuuGauccu | ..... | 6 | 1 | H61 |
| ..... | ..... | ugCcuagauuuucacuuauccu | ..... | 6 | 1 | H61 |
| ..... | ..... | ugacuagaAuuuucacuuauccu | ..... | 1 | 1 | H61 |
| ..... | ..... | ugacuagauuuucacuuauccA | ..... | 5 | 1 | H61 |
| ..... | ..... | ugacuagauuAuacacuuauccu | ..... | 1 | 1 | H61 |
| ..... | ..... | ugacuagauuuCcacuuauccu | ..... | 1 | 1 | H61 |
| ..... | ..... | ugacuagauuuucacuuauccu | ..... | 4619 | 0 | H61 |
| ..... | ..... | ugUcuagauuuucacuuauccu | ..... | 2 | 1 | H61 |
| ..... | ..... | ugacuagauuuucaUuuauccu | ..... | 3 | 1 | H61 |
| ..... | ..... | ugacuagauuuucacuuauccuu | ..... | 10 | 0 | H61 |
| ..... | ..... | ugacuagauuuucacuuauccuC | ..... | 1 | 1 | H61 |
| ..... | ..... | ugacuagauuuucacuuauccuA | ..... | 1 | 1 | H61 |
| ..... | ..... | ugacuagauuuucacuuauccuU | ..... | 8 | 1 | H61 |
| ..... | ..... | ugacuagauuuucacuuauccuuc | ..... | 1 | 0 | H61 |
| | | gacuagauuuucacuuauccu | | 2 | 0 | H61 |
| | | gacuagauuuucacuuauccuu | | 1 | 0 | H61 |
| | | acuagauuuucacuuauccu | | 1 | 0 | H61 |
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| | | Cugacuagauuuucacuuauccu | | 2 | 1 | A24 |
| | | ugacuagauuuucacuuau | | 4 | 0 | A24 |
| | | ugacuagauuuucacuuaucc | | 18 | 0 | A24 |
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| | | ugacuagauuuucacuuauAc | | 1 | 1 | A24 |
| | | ugacuagauuuucacuuauU | | 1 | 1 | A24 |
| | | ugCcuagauuuucacuuauccu | | 1 | 1 | A24 |
| ..... | ..... | Cgacuagauuuucacuuauccu | ..... | 2 | 1 | A24 |
| ..... | ..... | ugGcuagauuuucacuuauccu | ..... | 3 | 1 | A24 |
| | | ugacuUgauuuucacuuauccu | | 1 | 1 | A24 |
| | | ugacuagauuuucacuuauccu | | 2 | 1 | A24 |
| | | ugacuagauuuucacuuauccu | | 1826 | 0 | A24 |

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uuuuucgcauguaccgacuaaauugucuaaaggacgguaggugacuuucuauguucaaguuuguuguaucuuugacuaaguuuuacacuuauccuucagaguagacgccgcuucu

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|--------------------------------------|-----|---|-----|
|ugacuaCauuuuacacuuauccu..... | 1 | 1 | A24 |
|ugacuagauuuuacacuGauccu..... | 4 | 1 | A24 |
|ugacuagauuuuacacuCauccu..... | 5 | 1 | A24 |
|ugacuaUauuuuacacuuauccu..... | 2 | 1 | A24 |
|ugacuagauuuCcacuuauccu..... | 1 | 1 | A24 |
|ugacuagauuuuacacuuauGcu..... | 1 | 1 | A24 |
|ugacuagauuuuacacuuauccA..... | 1 | 1 | A24 |
|ugacuagauuuuacacuuauuCau..... | 1 | 1 | A24 |
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|ugacuagauuuuUcuuauccu..... | 1 | 1 | A24 |
|ugacuagauuuuacacuuauccC..... | 3 | 1 | A24 |
|ugacuagauuuuUacuauccu..... | 2 | 1 | A24 |
|uUacuagauuuuacacuuauccu..... | 3 | 1 | A24 |
|ugacuagauuuuacacuuuGccu..... | 1 | 1 | A24 |
|Ggacuagauuuuacacuuauccu..... | 1 | 1 | A24 |
|ugacuagaCuuuacacuuauccu..... | 1 | 1 | A24 |
|ugacuagauuuuacacuuuAuccu..... | 1 | 1 | A24 |
|ugacuagauuuuacacuuauccuC..... | 2 | 1 | A24 |
|ugacuagauuuuacacuuauccuu..... | 19 | 0 | A24 |
|ugacuagauuuuacacuuauccuA..... | 1 | 1 | A24 |
|ugacuagauuuuacacuuauccuuU..... | 7 | 1 | A24 |
|gacuagauuuuacacuuauccu..... | 3 | 0 | A24 |
|acuaauugucuaaaggac..... | 1 | 0 | H22 |
|gguaaggugacuuucuauguuc..... | 1 | 0 | H22 |
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|gguaaggugacuuucuauguucaC..... | 1 | 1 | H22 |
|gguaaggugacuuucuauguucaaa..... | 1 | 0 | H22 |
|gguaaggugacuuucuauguucaag..... | 1 | 0 | H22 |
|gguaaggugacuuucuauguucaagu..... | 1 | 0 | H22 |
|Cugacuagauuuuacacuuauccu..... | 11 | 1 | H22 |
|Augacuagauuuuacacuuauccu..... | 1 | 1 | H22 |
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|ugacuagauuuuacacuuaucc..... | 125 | 0 | H22 |
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|ugacuagauuuuacacuuauccU..... | 2 | 1 | H22 |
|ugacuagauuuuUcGcuuauccu..... | 2 | 1 | H22 |
|ugacuagauuuuacacuuUuccu..... | 1 | 1 | H22 |
|ugCcuagauuuuacacuuauccu..... | 18 | 1 | H22 |
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|ugacuagauuuuAacuuauccu..... | 4 | 1 | H22 |
|ugacuagauuuuacacuuauccC..... | 16 | 1 | H22 |
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|ugacuagauuAuacacuuauccu..... | 1 | 1 | H22 |
|ugacuagauuuuacacuuauuCau..... | 11 | 1 | H22 |
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|ugacuagauuuuacacuCauccu..... | 5 | 1 | H22 |

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|ugaUuagauuuuacacuuauccu..... | 2 | 1 | H22 |
|ugacuagauuuuacacuuuAccu..... | 7 | 1 | H22 |
|ugacuagauuuuacacuuauccGu..... | 6 | 1 | H22 |
|Cgacuagauuuuacacuuauccu..... | 2 | 1 | H22 |
|ugacuagauuuuacacuuuAaccu..... | 6 | 1 | H22 |
|ugacuagauuuuacacuuauccUu..... | 2 | 1 | H22 |
|ugacCagauuuuacacuuauccu..... | 8 | 1 | H22 |
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|ugacuAagauuuuacacuuauccu..... | 10 | 1 | H22 |
|uAacuagauuuuacacuuauccu..... | 2 | 1 | H22 |
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|ugacuagauuuuCcuuauccu..... | 1 | 1 | H22 |
|ugacuagauuuuGacuuauccu..... | 2 | 1 | H22 |
|ugacuUgauuuuacacuuauccu..... | 2 | 1 | H22 |
|ugacuagaAuuuacacuuauccu..... | 2 | 1 | H22 |
|ugacuagauuuuacacuGauccu..... | 10 | 1 | H22 |
|ugacuagauuuuacAuuuauccu..... | 6 | 1 | H22 |
|ugacuagauuuuacacuuuAacu..... | 3 | 1 | H22 |
|ugacuaUauuuuacacuuauccu..... | 2 | 1 | H22 |
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|ugacuagauuuuacacuuuAaccu..... | 16 | 1 | H22 |
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|ugacuagauuuuacacuuauccCu..... | 3 | 1 | H22 |
|ugacuagauuuuacacuuauccuC..... | 6 | 1 | H22 |
|ugacuagauuuuacacuAauccuu..... | 1 | 1 | H22 |
|ugacuagauuuuacacuuauccuuU..... | 26 | 1 | H22 |
|ugacuagauuuuacacuuauccuucU..... | 1 | 1 | H22 |
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|gggagggugacuuucuaaguucaag..... | 2 | 0 | E21 |
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|ugacuagauuuuacacuuau..... | 1 | 0 | E21 |
|ugacuagauuuuacacuuauuc..... | 19 | 0 | E21 |
|ugacuagauuuuacacuuauucc..... | 47 | 0 | E21 |
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|ugacuUgauuuuacacuuauccu..... | 3 | 1 | E21 |
|ugacuagauuuuacacuuauccC..... | 7 | 1 | E21 |
|ugacuagauuuuacacuuauccG..... | 10 | 1 | E21 |
|ugacuagauuuuacacuGauccu..... | 24 | 1 | E21 |
|ugacuagauuuuacacuuuAaccu..... | 4 | 1 | E21 |
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|ugacuagauuuuacacuuuAaccGu..... | 6 | 1 | E21 |
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|ugacuAagauuuuacacuuauccu..... | 1 | 1 | E21 |
|ugacuagauuuuacacuuuAacu..... | 5 | 1 | E21 |
|ugaAagauuuuacacuuauccu..... | 2 | 1 | E21 |
|ugacuagauuuuacacuAauccu..... | 21 | 1 | E21 |
|ugacuagauuuuacacuuuauccUu..... | 2 | 1 | E21 |
|ugacuagGuuuuacacuuauccu..... | 2 | 1 | E21 |
|Agacuagauuuuacacuuauccu..... | 1 | 1 | E21 |
|ugacuagauuuuucUcuuauccu..... | 1 | 1 | E21 |
|ugacuagauCuuuacacuuauccu..... | 1 | 1 | E21 |
|ugacuagaAuuuacacuuauccu..... | 2 | 1 | E21 |

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| uuuuucgcauguaccgacuaaagucuaacaaggac | gggagguagacuuucuauguucaaaguuuuguu | guaucuuugacuagauuuuacacuuauccu | ucagaguagacgccgcuucu | | | |
| ..... | ugacuagauuuuacacuuauccu | ..... | 2 | 1 | E21 | |
| ..... | uUacuagauuuuacacuuauccu | ..... | 3 | 1 | E21 | |
| ..... | ugacuagaCuuuacacuuauccu | ..... | 1 | 1 | E21 | |
| ..... | ugacuagCuuuuacacuuauccu | ..... | 2 | 1 | E21 | |
| ..... | ugacuaCauuuuacacuuauccu | ..... | 1 | 1 | E21 | |
| ..... | ugUcuagauuuuacacuuauccu | ..... | 2 | 1 | E21 | |
| ..... | ugacuagauuuuacacuuauccu | ..... | 5 | 1 | E21 | |
| ..... | ugacuagUuuuuacacuuauccu | ..... | 3 | 1 | E21 | |
| ..... | ugacuagauuuuacacuuauUcu | ..... | 6 | 1 | E21 | |
| ..... | ugacuaAauuuuacacuuauccu | ..... | 2 | 1 | E21 | |
| ..... | ugGcuagauuuuacacuuauccu | ..... | 4 | 1 | E21 | |
| ..... | ugacuagauuuuAcacuuauccu | ..... | 2 | 1 | E21 | |
| ..... | ugacGagauuuuacacuuauccu | ..... | 1 | 1 | E21 | |
| ..... | ugacuagauuuuacacuCauccu | ..... | 7 | 1 | E21 | |
| ..... | ugacuagauuuCucacuuauccu | ..... | 2 | 1 | E21 | |
| ..... | uAacuagauuuuacacuuauccu | ..... | 1 | 1 | E21 | |
| ..... | ugCcuagauuuuacacuuauccu | ..... | 4 | 1 | E21 | |
| ..... | ugacuagauuuuacacuuauccA | ..... | 5 | 1 | E21 | |
| ..... | ugacuagauuuuacacuuauGcu | ..... | 3 | 1 | E21 | |
| ..... | ugacuagauuuuGcuuauccu | ..... | 1 | 1 | E21 | |
| ..... | ugacuagauuuuacacuuauccuA | ..... | 1 | 1 | E21 | |
| ..... | ugacuagauuuuacacuuauccuu | ..... | 29 | 0 | E21 | |
| ..... | ugacuagauuuuacacuuauccuC | ..... | 3 | 1 | E21 | |
| ..... | ugacuagauuuuacacuuauccuuU | ..... | 9 | 1 | E21 | |
| ..... | ugacuagauuuuacacuuauccuuAa | ..... | 1 | 1 | E21 | |
| ..... | .gacuagauuuuacacuuauccu | ..... | 4 | 0 | E21 | |
| ..... | ccgacuaaagucuaacaaggac | ..... | 1 | 0 | E11 | |
| ..... | gggagguagacuuucuauguucaaag | ..... | 4 | 0 | E11 | |
| ..... | Cugacuagauuuuacacuuauccu | ..... | 6 | 1 | E11 | |
| ..... | ugacuagauuuuacacuuau | ..... | 1 | 0 | E11 | |
| ..... | ugacuagauuuuacacuuaucc | ..... | 25 | 0 | E11 | |
| ..... | ugacuagauuuuacacuuauccG | ..... | 1 | 1 | E11 | |
| ..... | ugacuagaCuuuacacuuaucc | ..... | 1 | 1 | E11 | |
| ..... | ugacuagauuuuacacuuaucc | ..... | 46 | 0 | E11 | |
| ..... | ugacuagauuuuacacCuauccu | ..... | 1 | 1 | E11 | |
| ..... | ugacuagauuuuacacuuUuccu | ..... | 2 | 1 | E11 | |
| ..... | uAacuagauuuuacacuuauccu | ..... | 1 | 1 | E11 | |
| ..... | ugacuagauuuuacacuuauccu | ..... | 7 | 1 | E11 | |
| ..... | ugacuagauuuuacacuuCuuccu | ..... | 3 | 1 | E11 | |
| | ugacuagCuuuuacacuuauccu | | 4 | 1 | E11 | |
| | ugacuagaCuuuacacuuauccu | | 1 | 1 | E11 | |
| | ugacuagauuuuacacuuauccG | | 6 | 1 | E11 | |
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| | ugacuagauuuAucacuuauccu | | 1 | 1 | E11 | |
| | Agacuagauuuuacacuuauccu | | 2 | 1 | E11 | |
| | ugacuagauuuuacacuuauccu | | 7 | 1 | E11 | |
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| | ugacuagauuuuAcacuuauccu | | 1 | 1 | E11 | |
| | ugacuagauuuuacacuAauccu | | 3 | 1 | E11 | |
| | ugCcuagauuuuacacuuauccu | | 7 | 1 | E11 | |
| ..... | ugacuUgauuuuacacuuauccu | ..... | 1 | 1 | E11 | |
| ..... | ugacuagauuuuacacuuauAcu | ..... | 1 | 1 | E11 | |
| | ugacuagauuuuacacuuauccA | | 4 | 1 | E11 | |
| | ugacuagUuuuuacacuuauccu | | 1 | 1 | E11 | |
| | ugacuagauuuuacacuuauccu | | 6 | 1 | E11 | |
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| | ugacCagauuuuacacuuauccu | | 7 | 1 | E11 | |
| | ugacuagauuuuacacuuauccu | | 10 | 1 | E11 | |
| | ugacuagauuuuacacuuauUcu | | 2 | 1 | E11 | |
| ..... | ugacuagauuuuacacuuauccC | ..... | 9 | 1 | E11 | |
| ..... | ugacuagauuuuacacuuauGcu | ..... | 11 | 1 | E11 | |
| ..... | ugacuagauuuuGacuuauccu | ..... | 1 | 1 | E11 | |
| ..... | ugacuagauuuuacacuuauccu | ..... | 7789 | 0 | E11 | |
| ..... | uUacuagauuuuacacuuauccu | ..... | 1 | 1 | E11 | |
| ..... | ugaUuagauuuuacacuuauccu | ..... | 1 | 1 | E11 | |
| | ugacuagauuuuacacuuauccAu | | 8 | 1 | E11 | |
| | ugacuagauuuuacacuuauUu | | 2 | 1 | E11 | |
| | ugacuagauuuuacacuuauccu | | 5 | 1 | E11 | |

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|ugacuagGuuuuacacuuauccu..... | 8 | 1 | E11 |
|ugaAuagauuuuacacuuauccu..... | 1 | 1 | E11 |
|ugacuagauuuuacacuuauccu..... | 2 | 1 | E11 |
|ugGcuagauuuuacacuuauccu..... | 9 | 1 | E11 |
|ugacuaUauuuuacacuuauccu..... | 3 | 1 | E11 |
|ugacuaAAuuuuacacuuauccu..... | 1 | 1 | E11 |
|ugacuagauuuuacacuuauccu..... | 1 | 1 | E11 |
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|ugacuagauuuuacacuuauccu..... | 2 | 1 | E11 |
|ugacuGgauuuuacacuuauccu..... | 1 | 1 | E11 |
|ugacGagauuuuacacuuauccu..... | 12 | 1 | E11 |
|CGacuagauuuuacacuuauccu..... | 2 | 1 | E11 |
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|ugacuagauuuuacacuuauccuA..... | 4 | 1 | E11 |
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|cuagauuuuacacuuauccu..... | 1 | 0 | E11 |
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|gguaggugacuuucuauguucaag..... | 1 | 0 | H64 |
|Cugacuagauuuuacacuuauccu..... | 6 | 1 | H64 |
|ugacuagauuuuacacuuau..... | 2 | 0 | H64 |
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|ugacuagauuuuacacuuauUucc..... | 1 | 1 | H64 |
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|ugacuCGauuuuacacuuauccu..... | 1 | 1 | H64 |
|ugacuagGuuuuacacuuauccu..... | 3 | 1 | H64 |
|ugacuagauuuuacacuuauccu..... | 7 | 1 | H64 |
|ugacuUgauuuuacacuuauccu..... | 2 | 1 | H64 |
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|Ggacuagauuuuacacuuauccu..... | 1 | 1 | H64 |
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|ugacGagauuuuacacuuauccu..... | 16 | 1 | H64 |
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|ugacuagauuuuacacuuauccGu..... | 9 | 1 | H64 |
|ugacuagauuuuacacuuauccG..... | 7 | 1 | H64 |
|ugacuagauuuuacacuuauccC..... | 12 | 1 | H64 |

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uuuuucgcauguaccgacuaaagucuaaaggacgggagggugacuuucuauguucaaguuuguuguaucuuugacuaaguuuuacacuuauccuucagaguagacgccgcuucu

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|-------------------------------------|------|---|-----|
|ugacuagauuuCucacuuauccu..... | 1 | 1 | H64 |
|ugacuagauuuuacacuuGuccu..... | 1 | 1 | H64 |
|ugacuGgauuuuacacuuauccu..... | 1 | 1 | H64 |
|ugacuagauuuuacacuuauccU..... | 1 | 1 | H64 |
|ugacuagauuuuacUuuauccu..... | 6 | 1 | H64 |
|ugacuagauuuuacGuaucuu..... | 2 | 1 | H64 |
|ugacuagauuuuacacuuauccu..... | 9617 | 0 | H64 |
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|ugacuagauuuuacacuCauccu..... | 5 | 1 | H64 |
|ugacuagauuuuacacUauccu..... | 5 | 1 | H64 |
|ugacuagauuuuacacuuauccAu..... | 11 | 1 | H64 |
|ugacuagauuuuUacuuauccu..... | 4 | 1 | H64 |
|uUacuagauuuuacacuuauccu..... | 4 | 1 | H64 |
|ugacuagauuuuCCuuauccu..... | 2 | 1 | H64 |
|ugacuagauuuuacacUGauccu..... | 4 | 1 | H64 |
|ugacuagauuuuAacuuauccu..... | 3 | 1 | H64 |
|ugacAagauuuuacacuuauccu..... | 11 | 1 | H64 |
|ugacuagauuuuacacuuauUcu..... | 1 | 1 | H64 |
|ugacuagauuuuacacuuacCcu..... | 3 | 1 | H64 |
|ugacCagauuuuacacuuauccu..... | 8 | 1 | H64 |
|ugacuagauuuuacacuuauccuA..... | 2 | 1 | H64 |
|ugacuagauuuuacacuuauccuG..... | 1 | 1 | H64 |
|ugacuagauuuuacacuuauccCu..... | 5 | 1 | H64 |
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|ugacuagauuuuacacuuauccuuU..... | 28 | 1 | H64 |
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|gacuagauuuuacacuuauccu..... | 2 | 0 | H64 |
|acuagauuuuacacuuauccu..... | 2 | 0 | H64 |
|cuagauuuuacacuuauccu..... | 1 | 0 | H64 |
|cuaUugucuaacaaggac..... | 1 | 1 | A52 |
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|ugacuagauuuuacacuuaucc..... | 3 | 0 | A52 |
|ugacuagauuuuacacuuaucc..... | 14 | 0 | A52 |
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|ugacuagauuuuGacuuauccu..... | 2 | 1 | A52 |
|ugacuagauuuuacacuuauccG..... | 3 | 1 | A52 |
|ugacuagauuuuacacUauccu..... | 2 | 1 | A52 |
|ugCcuagauuuuacacuuauccu..... | 1 | 1 | A52 |
|ugacuagauuuuacacuuauccGu..... | 1 | 1 | A52 |
|ugacuagauuuuacacuuauccC..... | 2 | 1 | A52 |
|ugacuagauuuuacacuuauccu..... | 1033 | 0 | A52 |
|ugacuagauuuCcacuuauccu..... | 1 | 1 | A52 |
|ugacuagauuuuCCuuauccu..... | 1 | 1 | A52 |
|ugGcuagauuuuacacuuauccu..... | 2 | 1 | A52 |
|ugUcuagauuuuacacuuauccu..... | 1 | 1 | A52 |
|ugacuagauuuuacacUGauccu..... | 1 | 1 | A52 |
|ugaAagauuuuacacuuauccu..... | 1 | 1 | A52 |
|ugacuagauuuuacacuuagccu..... | 1 | 1 | A52 |
|uAacuagauuuuacacuuauccu..... | 1 | 1 | A52 |
|ugacuUgauuuuacacuuauccu..... | 1 | 1 | A52 |
|ugacuagauuuuGcuuauccu..... | 1 | 1 | A52 |
|ugacuagauuuuacacuCauccu..... | 3 | 1 | A52 |
|ugacuaCauuuuacacuuauccu..... | 1 | 1 | A52 |
|ugacuagauuuuacacuuauccuu..... | 7 | 0 | A52 |
|ugacuagauuuuacacuuauccuA..... | 1 | 1 | A52 |
|ugacuagauuuuacacuuauccuuU..... | 5 | 1 | A52 |
|gggagggugacuuucuauguucaa..... | 1 | 0 | A42 |
|gggagggugacuuucuauguucaag..... | 1 | 0 | A42 |
|Cugacuagauuuuacacuuauccu..... | 1 | 1 | A42 |
|ugacuagauuuuacacuuau..... | 1 | 0 | A42 |
|ugacuagauuuuacacuuaucc..... | 6 | 0 | A42 |
|ugacuagauuuuacacUGauc..... | 1 | 1 | A42 |
|ugacuagauuuuacacuuaucc..... | 30 | 0 | A42 |
|ugacuagaAuuuuacacuuauccu..... | 1 | 1 | A42 |
|ugacuagauuuuacacuuauccA..... | 3 | 1 | A42 |

Star

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|---------------------------------------------------------------------------------------------------------------------|------|---|-----|
| uuuuucgcauguaccgacuaaagucuaacauggacgggagggugacuuucuaagucaaguuuguuguaucuuugacuagauuuuacacuuauccuucagaguagacgccgcuucu | | | |
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|ugacuagauuuuacacuuauccu..... | 1850 | 0 | A42 |
|ugacuagauuuuacacuuauccu..... | 1 | 1 | A42 |
|ugacuagauuuuacacuuauccu..... | 6 | 1 | A42 |
|ugacuagauuuuacacuuauccG..... | 6 | 1 | A42 |
|ugacuagauuuGucacuuauccu..... | 1 | 1 | A42 |
|ugacuagauuuuAacuuauccu..... | 1 | 1 | A42 |
|ugacuagauuuuacacuuuGccu..... | 3 | 1 | A42 |
|ugacuaguuuuuacacuuauccu..... | 1 | 1 | A42 |
|ugacuagauuuuucUcuuauccu..... | 1 | 1 | A42 |
|ugacuagauuuuacacuuuauAu..... | 2 | 1 | A42 |
|ugacuagauuuuacacuuuauAu..... | 1 | 1 | A42 |
|ugGcuagauuuuacacuuauccu..... | 5 | 1 | A42 |
|ugacuagauuuuacacuuuauCccu..... | 1 | 1 | A42 |
|ugacuagauuuuacacuuuauccu..... | 3 | 1 | A42 |
|ugacuagauuuuacacuuauccu..... | 4 | 1 | A42 |
|ugacuagauuuuacacuuuauUcu..... | 1 | 1 | A42 |
|ugacuaAauuuuacacuuauccu..... | 1 | 1 | A42 |
|ugacuagaCuuuacacuuauccu..... | 1 | 1 | A42 |
|ugacuagauuuuacacuuuauCgu..... | 2 | 1 | A42 |
|ugacuCGauuuuacacuuauccu..... | 1 | 1 | A42 |
|ugacuagauuuuacacuuuauccuA..... | 2 | 1 | A42 |
|ugacuagauuuuacacuuuauccuu..... | 7 | 0 | A42 |
|ugacuagauuuuacacuuuauccuuU..... | 4 | 1 | A42 |
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|gguaggugacuuucuaagucaag..... | 1 | 0 | H13 |
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|Cugacuagauuuuacacuuauccu..... | 6 | 1 | H13 |
|ugacuagauuuuacacuuaucc..... | 10 | 0 | H13 |
|ugacuagauuuuacacuuaucc..... | 26 | 0 | H13 |
|ugacuaCaauuuuacacuuauccu..... | 2 | 1 | H13 |
|ugacuagauuuuacacuuuauUcu..... | 2 | 1 | H13 |
|ugacuagaAuuuuacacuuauccu..... | 3 | 1 | H13 |
|ugacuGgauuuuacacuuauccu..... | 1 | 1 | H13 |
|Ggacuagauuuuacacuuauccu..... | 1 | 1 | H13 |
|ugacuUgauuuuacacuuauccu..... | 2 | 1 | H13 |
|ugacuagauuuuacacuuauccu..... | 16 | 1 | H13 |
|ugacuagauuuuacacuuauccu..... | 11 | 1 | H13 |
|ugacuagGuuuuacacuuauccu..... | 3 | 1 | H13 |
|Agacuagauuuuacacuuauccu..... | 1 | 1 | H13 |
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|ugacCagauuuuacacuuauccu..... | 1 | 1 | H13 |
|ugacuagauuuuacacuuuGccu..... | 5 | 1 | H13 |
|ugGcuagauuuuacacuuauccu..... | 3 | 1 | H13 |
|ugacuagauuuuacacuuuauccu..... | 1 | 1 | H13 |
|ugacuaguuuuuacacuuauccu..... | 1 | 1 | H13 |
|ugacuagauuuuacacuuauccu..... | 6 | 1 | H13 |
|ugacuagauuuuacacuuuauccC..... | 2 | 1 | H13 |
|ugaAuagauuuuacacuuuauccu..... | 1 | 1 | H13 |
|ugacuagauuuuacacuuuauCccu..... | 1 | 1 | H13 |
|ugacuagauuuuacacuuuauccu..... | 1 | 1 | H13 |
|ugacuagauuuuacacuuuauccu..... | 1 | 1 | H13 |
|ugacuagauuuuacacuuuauccu..... | 2 | 1 | H13 |
|uUacuagauuuuacacuuuauccu..... | 3 | 1 | H13 |
|ugacuagauCuucacuuuauccu..... | 1 | 1 | H13 |
|ugacuagauuuuacacuuuauCUn..... | 1 | 1 | H13 |
|ugacuagauuuuAacuuuauccu..... | 3 | 1 | H13 |
|ugacuagauAuucacuuuauccu..... | 1 | 1 | H13 |
|ugacuaAauuuuacacuuuauccu..... | 1 | 1 | H13 |
|Cgacuagauuuuacacuuuauccu..... | 1 | 1 | H13 |
|ugaUagauuuuacacuuuauccu..... | 1 | 1 | H13 |
|ugCcuagauuuuacacuuuauccu..... | 2 | 1 | H13 |
|ugacuagauuuuacacuuuauCgu..... | 3 | 1 | H13 |
|ugacuagauuuuacacuuuauCgu..... | 2 | 1 | H13 |
|ugacuagauuuuacacuuuauAu..... | 3 | 1 | H13 |
|ugacuagauuuuacacuuuauCAu..... | 10 | 1 | H13 |
|ugacuagauuCuacuuuauccu..... | 1 | 1 | H13 |
|ugacuagauuuuacacuuuauccu..... | 3674 | 0 | H13 |

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|----------------------------------------------------------------------------------------------------------------------------|------|---|-----|
| uuuuucgcauguaccgacuaaagugcacaauaggacgguaggugacuuucuaaguucaaguuuguuguuauuccuugacuagauuuuuacacuuuacacuuacagaguagacgccgcguucc | | | |
| ugacuagauuuCcacuuauccu | 1 | 1 | H13 |
| uGpuagauuuuacacuuauccu | 2 | 1 | H13 |
| ugacuagaGuuuacacuuauccu | 1 | 1 | H13 |
| ugacuagauuuuacacuuaucca | 5 | 1 | H13 |
| ugacuagauuuuacacuuauccG | 7 | 1 | H13 |
| ugacuagauuuuacacuuauccCu | 1 | 1 | H13 |
| ugacuagauuuuacacuuauccuu | 16 | 0 | H13 |
| ugacuagauuuuacacuuauccuC | 2 | 1 | H13 |
| ugacuagauuuuacacuuauccuuU | 2 | 1 | H13 |
| gacuagauuuuacacuuauccu | 1 | 0 | H13 |
| gguaaggugacuuucuaaguucaag | 1 | 0 | A23 |
| ugacuagauuuuacacuuaucc | 3 | 0 | A23 |
| ugacuagauuuuacacuuCaucc | 1 | 1 | A23 |
| ugacuagauuuuacacuuauccc | 16 | 0 | A23 |
| ugacuagauuuuacacuuGauccu | 4 | 1 | A23 |
| ugacuagauuuuUacuuauccu | 1 | 1 | A23 |
| ugacCagauuuuacacuuauccu | 1 | 1 | A23 |
| ugacuCGauuuuacacuuauccu | 1 | 1 | A23 |
| ugacuagauuuuacacuuauccu | 1275 | 0 | A23 |
| ugacuagauuuuacacuuauAcu | 2 | 1 | A23 |
| ugacuagauuuuacacuuAuuccu | 4 | 1 | A23 |
| uGcuagauuuuacacuuauccu | 1 | 1 | A23 |
| ugacuagauuuuacacuuauccAu | 1 | 1 | A23 |
| uUacuagauuuuacacuuauccu | 1 | 1 | A23 |
| ugacuagauuuuacacuuacCCcu | 1 | 1 | A23 |
| ugacuagauuuuacacuuCauccu | 4 | 1 | A23 |
| uGCuagauuuuacacuuauccu | 2 | 1 | A23 |
| ugacuagauuuuAacuuauccu | 1 | 1 | A23 |
| ugaAuagauuuuacacuuauccu | 1 | 1 | A23 |
| ugacuagauuuuacacuuaucca | 1 | 1 | A23 |
| ugacuagauuuuacacuuauGcu | 1 | 1 | A23 |
| ugacAAgauuuuacacuuauccu | 1 | 1 | A23 |
| ugacuagauuuuacacuuauccG | 2 | 1 | A23 |
| ugacuagauuuuacacuuauccC | 4 | 1 | A23 |
| ugacuagaCuuuacacuuauccu | 1 | 1 | A23 |
| ugacuagauuuuacCuuauccu | 1 | 1 | A23 |
| ugacuagauuuuacacuuauccuu | 7 | 0 | A23 |
| ugacuagauuuuacacuuauccuuU | 1 | 1 | A23 |
| gacuagauuuuacacuuauccu | 1 | 0 | A23 |
| acuagauuuuacacuuauccu | 1 | 0 | A23 |
| ugacuagauuuuacacuuaucc | 5 | 0 | A33 |
| ugacuagauuuuacacuuauccc | 18 | 0 | A33 |
| CGacuagauuuuacacuuauccu | 1 | 1 | A33 |
| uGCuagauuuuacacuuauccu | 1 | 1 | A33 |
| ugacuagauuuuacacuuagccu | 1 | 1 | A33 |
| ugacuagpuuuuacacuuauccu | 1 | 1 | A33 |
| ugacuagauuuuacacuuCauccu | 3 | 1 | A33 |
| ugacuUgauuuuacacuuauccu | 1 | 1 | A33 |
| ugacuagaAuuuacacuuauccu | 2 | 1 | A33 |
| ugacuagauuuuacacuuAuuccu | 3 | 1 | A33 |
| ugacuagauuuuacacuuauAcu | 2 | 1 | A33 |
| uAAacuagauuuuacacuuauccu | 1 | 1 | A33 |
| uCacuagauuuuacacuuauccu | 1 | 1 | A33 |
| ugacuagauuuuacaAuuuauccu | 2 | 1 | A33 |
| ugaGuagauuuuacacuuauccu | 1 | 1 | A33 |
| ugacuagauuuuacacuuGauccu | 1 | 1 | A33 |
| ugacuagauuuuacacuuauccC | 3 | 1 | A33 |
| ugacuagauuuuacacuuuAAccu | 1 | 1 | A33 |
| ugacuagauuuuacacuuauccu | 939 | 0 | A33 |
| ugacuagauuuuacacuuauccG | 1 | 1 | A33 |
| ugacuagauuuuacacuuauccuA | 1 | 1 | A33 |
| ugacuagauuuuacacuuauccuu | 7 | 0 | A33 |
| ugacuagauuuuacacuuauccuuU | 4 | 1 | A33 |
| gacuagauuuuacacuuauccu | 1 | 0 | A33 |
| Uacuagauuuuacacuuauccu | 1 | 1 | A33 |
| gacuagauuuuacacuuauccuu | 1 | 0 | A33 |
| ... uuucgcauguaccgacuaaagugcacaauaggac | 1 | 0 | R73 |

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| | | | | | |
|-----------------------------------|--------------------------------------------------------------|----------------------|------|---|-----|
| uuuuucgcauguaccgacuaaagucuaaaggac | ggguaggugacuuucuaagucaaguuuguuguaucuuugacuagauuuuacacuuauccu | ucagaguagacgccgcuucu | | | |
|uguaccgacuaaagucuaaaggac |cgguaggugacuuucuaagucaaa | ..... | 1 | 0 | R73 |
|cggguaggugacuuucuaagucaaa |ggguaggugacuuucuaagucaaa | ..... | 1 | 0 | R73 |
|ggguaggugacuuucuaagucaaa |ggguaggugacuuucuaagucaagC | ..... | 1 | 0 | R73 |
|ggguaggugacuuucuaagucaagC |Augacuagauuuuacacuuauccu | ..... | 1 | 1 | R73 |
|Augacuagauuuuacacuuauccu |Cugacuagauuuuacacuuauccu | ..... | 7 | 1 | R73 |
|Cugacuagauuuuacacuuauccu |ugacuagauuuuacacuuau | ..... | 10 | 0 | R73 |
|ugacuagauuuuacacuuau |ugacuaUauuuuacacuuau | ..... | 1 | 1 | R73 |
|ugacuaUauuuuacacuuau |uUacuagauuuuacacuuau | ..... | 1 | 1 | R73 |
|uUacuagauuuuacacuuau |ugCcuagauuuuacacuuau | ..... | 1 | 1 | R73 |
|ugCcuagauuuuacacuuau |ugacuagauuuuacacuuau | ..... | 1 | 1 | R73 |
|ugacuagauuuuacacuuau |ugacuagauuuuacacuuau | ..... | 1 | 1 | R73 |
|ugacuagauuuuacacuuau |ugacuagauuuuacacuuau | ..... | 1 | 1 | R73 |
|ugacuagauuuuacacuuau |ugacuagauuuuacacuuau | | 1 | 1 | R73 |
|ugacuagauuuuacacuuau |ugacuagauuuuacacuuau | | 1 | 1 | R73 |
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|ugacuagauuuuacacuuau |ugacuagauuuuacacuuau | | 1 | 1 | R73 |
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|ugacuagauuuuacacuuau |ugacuagauuuuacacuuau | | 1 | 1 | R73 |
|ugacuagauuuuacacuuau |ugacuagauuuuacacuuau | | 2 | 1 | R73 |
|ugacuagauuuuacacuuau |ugacuagauuuuacacuuau | ..... | 3 | 1 | R73 |
|ugacuagauuuuacacuuau |ugacuagauuuuacacuuau | ..... | 4 | 1 | R73 |
|ugacuagauuuuacacuuau |ugacuagauuuuacacuuau | ..... | 6 | 1 | R73 |
|ugacuagauuuuacacuuau |ugacuagauuuuacacuuau | ..... | 10 | 1 | R73 |
|ugacuagauuuuacacuuau |ugacuagauuuuacacuuau | ..... | 2 | 1 | R73 |
|ugacuagauuuuacacuuau |ugacuagauuuuacacuuau | ..... | 8 | 1 | R73 |
|ugacuagauuuuacacuuau |ugacuagauuuuacacuuau | ..... | 4 | 1 | R73 |
|ugacuagauuuuacacuuau |ugacuagauuuuacacuuau | ..... | 5 | 1 | R73 |
|ugacuagauuuuacacuuau |ugaUuagauuuuacacuuau | | 1 | 1 | R73 |
|ugaUuagauuuuacacuuau |ugacuagauuuuacacuuau | | 1 | 1 | R73 |
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|Agacuagauuuuacacuuau |ugacuagaAuuuuacacuuau | | 1 | 1 | R73 |
|ugacuagaAuuuuacacuuau |ugacuagauuuuacacuuau | | 9019 | 0 | R73 |
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|uUacuagauuuuacacuuau |ugacuagauuuuacacuuau | | 4 | 1 | R73 |
|ugacuagauuuuacacuuau |ugUcuagauuuuacacuuau | | 8 | 1 | R73 |
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|ugacuaCauuuuacacuuau |ugacuagaGuuuuacacuuau | | 1 | 1 | R73 |
|ugacuagaGuuuuacacuuau |ugacuagauuuUcacuuauccu | | 3 | 1 | R73 |
|ugacuagauuuUcacuuauccu |ugacuagauuuuacacuuau | ..... | 14 | 1 | R73 |
|ugacuagauuuuacacuuau |ugacuagauuuuAcacuuauccu | ..... | 2 | 1 | R73 |
|ugacuagauuuuAcacuuauccu |ugacuagauuuuacacuuau | ..... | 1 | 1 | R73 |
|ugacuagauuuuacacuuau |ugacuagauuuuacacuuau | ..... | 11 | 1 | R73 |
|ugacuagauuuuacacuuau |ugacuagGuuuuacacuuauccu | ..... | 10 | 1 | R73 |
|ugacuagGuuuuacacuuauccu |ugCcuagauuuuacacuuauccu | ..... | 7 | 1 | R73 |
|ugCcuagauuuuacacuuauccu |ugacuagCuuuuacacuuauccu | | 1 | 1 | R73 |
|ugacuagCuuuuacacuuauccu |ugacuagauuuuacacuuau | | 6 | 1 | R73 |
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|ugacuagauuuuacacuuau |ugacuagauuuuacacuuau | | 3 | 1 | R73 |
|ugacuagauuuuacacuuau |ugacuagauuuuacacuuau | | 1 | 1 | R73 |
|ugacuagauuuuacacuuau |ugacuagauuuuacacuuau | ..... | 2 | 1 | R73 |
|ugacuagauuuuacacuuau |ugGcuagauuuuacacuuauccu | ..... | 16 | 1 | R73 |
|ugGcuagauuuuacacuuauccu |ugacuagauuuCcacuuauccu | ..... | 3 | 1 | R73 |
|ugacuagauuuCcacuuauccu |ugacuagauuuuacacuuau | ..... | 9 | 1 | R73 |
|ugacuagauuuuacacuuau |ugacuagaCuuuacacuuauccu | ..... | 2 | 1 | R73 |
|ugacuagaCuuuacacuuauccu |ugacuagauuuuacacuuau | ..... | 9 | 1 | R73 |
|ugacuagauuuuacacuuau |ugacuagauuuuGcuuauccu | ..... | 1 | 1 | R73 |
|ugacuagauuuuGcuuauccu |ugacuagauuuuUcuuauccu | ..... | 4 | 1 | R73 |
|ugacuagauuuuUcuuauccu |ugacuaUauuuuacacuuauccu | ..... | 5 | 1 | R73 |
|ugacuaUauuuuacacuuauccu |ugacuagaAuuuacacuuauccu | | 2 | 1 | R73 |
|ugacuagaAuuuacacuuauccu |ugacuagauuuuacacuuau | | 1 | 1 | R73 |
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|Cgacuagauuuuacacuuauccu |ugacuagauuuuacacuuau | | 3 | 1 | R73 |
|ugacuagauuuuacacuuau |ugacuagauuuuacacuuau | | 5 | 1 | R73 |
|ugacuagauuuuacacuuau |ugacuagauuuuacacuuau | | 4 | 1 | R73 |
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|ugacuagauuuuacacuuau |ugacuagauuuuacacuuau | | 1 | 1 | R73 |

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|-----------------------------------------------------------------------------------------------------------------------|------|---|-----|
| uuuuucgcauguaccgacuaaagucuaacauggacgggagggugacuuucuaaguucaaguuuguuguaucuuugacuaaguuuuacacuuauccuucagaguagacgccgcucucu | | | |
|ugacuagauuuuacacuuauccuA..... | 4 | 1 | R73 |
|ugacuagauuuuacacuuauccuu..... | 34 | 0 | R73 |
|ugacuagauuuuacacuuauccuuc..... | 1 | 0 | R73 |
|ugacuagauuuuacacuuauccuuU..... | 8 | 1 | R73 |
|Uacuagauuuuacacuuauccu..... | 2 | 1 | R73 |
|gacuagauuuuacacAuuauccu..... | 1 | 1 | R73 |
|gacuagauuuuacacuuauccu..... | 5 | 0 | R73 |
|acuagauuuuacacuuauccu..... | 2 | 0 | R73 |
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|Cugacuagauuuuacacuuauccu..... | 1 | 1 | A34 |
|ugacuagauuuuacacuuaucc..... | 3 | 0 | A34 |
|ugacuagauuuuacacuuaucc..... | 11 | 0 | A34 |
|ugacuagauuuuacAuuauccu..... | 1 | 1 | A34 |
|ugacuagauuuuacacUgauccu..... | 1 | 1 | A34 |
|ugacuGgauuuuacacuuauccu..... | 1 | 1 | A34 |
|ugacuagauuuuacacUauccu..... | 1 | 1 | A34 |
|ugacuagauuuuacacAuuauccu..... | 1 | 1 | A34 |
|ugacuaUauuuuacacuuauccu..... | 2 | 1 | A34 |
|ugCcuagauuuuacacuuauccu..... | 1 | 1 | A34 |
|ugacuaAauuuuacacuuauccu..... | 1 | 1 | A34 |
|ugacuagauuuuacacuuauccG..... | 1 | 1 | A34 |
|ugacuagauuuuacacuuauccu..... | 506 | 0 | A34 |
|ugacuagauuuuacacuuauccC..... | 1 | 1 | A34 |
|ugacuagauuuuacacuuauccuu..... | 4 | 0 | A34 |
|ugacuagauuuuacacuuauccuuc..... | 1 | 0 | A34 |
|ugacuagauuuuacacuuauccuuU..... | 2 | 1 | A34 |
|Cugacuagauuuuacacuuauccu..... | 2 | 1 | A21 |
|ugacuagauuuuacacuuaucc..... | 8 | 0 | A21 |
|ugacuagauuuuacacuuaucc..... | 25 | 0 | A21 |
|ugacuagauuUcacuuaucc..... | 1 | 1 | A21 |
|ugacuagauuuuacacuuauccu..... | 1914 | 0 | A21 |
|ugUcuagauuuuacacuuauccu..... | 3 | 1 | A21 |
|ugacuagauuuuacacUauccu..... | 3 | 1 | A21 |
|ugacCaguuuuacacuuauccu..... | 1 | 1 | A21 |
|ugacuagauuuuacacAuuauccu..... | 1 | 1 | A21 |
|ugacuagUuuuuacacuuauccu..... | 1 | 1 | A21 |
|ugacuagaAuuuacacuuauccu..... | 1 | 1 | A21 |
|ugacuagauuuuacacUauccu..... | 4 | 1 | A21 |
|ugacuagauuuuacacuuauccGu..... | 6 | 1 | A21 |
|ugacuagauuuuacacuuauccC..... | 1 | 1 | A21 |
|ugacuagauuuuacacuuauccAu..... | 1 | 1 | A21 |
|ugacuagauuuuacacuuauccA..... | 1 | 1 | A21 |
|ugacuagauuuuacacuuauccGu..... | 1 | 1 | A21 |
|ugacuagauuuuacacuuAaccu..... | 2 | 1 | A21 |
|ugacuagauuuuacacUgauccu..... | 8 | 1 | A21 |
|ugacuagauuuuacacuuauUcu..... | 1 | 1 | A21 |
|ugacuagauuuUcacuuauccu..... | 1 | 1 | A21 |
|ugacuagauuuuacacuuauccCcu..... | 1 | 1 | A21 |
|ugacuagauuuuacacuuauccG..... | 5 | 1 | A21 |
|ugacuaUauuuuacacuuauccu..... | 2 | 1 | A21 |
|ugacuagauuuuacacuuauAcu..... | 4 | 1 | A21 |
|ugGcuagauuuuacacuuauccu..... | 2 | 1 | A21 |
|uUacuagauuuuacacuuauccu..... | 1 | 1 | A21 |
|ugacuagauuuuacacuuauccuC..... | 1 | 1 | A21 |
|ugacuagauuuuacacuuauccuu..... | 12 | 0 | A21 |
|ugacuagauuuuacacuuauccuA..... | 1 | 1 | A21 |
|ugacuagauuuuacacuuauccuuU..... | 2 | 1 | A21 |
|acuagauuuuacacuuauccu..... | 1 | 0 | A21 |
|gguaggugacuuucuauguAucaag..... | 1 | 1 | A04 |
|ugacuagauuuuacacuuau..... | 2 | 0 | A04 |
|ugacuagauuuuacacuuaucc..... | 15 | 0 | A04 |
|ugacuagauuuuacacuuauU..... | 1 | 1 | A04 |
|ugacuagauuuuacacUaucc..... | 1 | 1 | A04 |
|ugacuagauuuuacacuuaucc..... | 49 | 0 | A04 |
|ugacuagauuuuacacUaucc..... | 1 | 1 | A04 |
|ugacuagauuuuacacuuauUcu..... | 1 | 1 | A04 |

Star

Mature

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|----------------------------------------------------------------------------------------------------------------------|------|---|-----|
| uuuuucgcauguaccgacuaaauugucuaauggacgguaaggugacuuucuaaguuaaguuuguuuguaucuuugacuagauuuuacacuuauccuucagaguagacgccgcuucu | | | |
|ugacuagauuuuacacuuCauccu..... | 7 | 1 | A04 |
|uAacuagauuuuacacuuauccu..... | 1 | 1 | A04 |
|ugacuagaCuuuacacuuauccu..... | 1 | 1 | A04 |
|ugacuagauuuuacacuuGauccu..... | 5 | 1 | A04 |
|ugacuagauuuuacacuuAaccu..... | 2 | 1 | A04 |
|uUacuagauuuuacacuuauccu..... | 1 | 1 | A04 |
|ugacuagaAuuuacacuuauccu..... | 1 | 1 | A04 |
|ugacAagauuuuacacuuauccu..... | 2 | 1 | A04 |
|ugaGuagauuuuacacuuauccu..... | 1 | 1 | A04 |
|ugacuagauuuuacacuuauccGu..... | 2 | 1 | A04 |
|ugacuagauuuuacacuuAauccu..... | 4 | 1 | A04 |
|ugacuagauuuuacacuuAGccu..... | 2 | 1 | A04 |
|ugacuagauuuuacacuuauGcu..... | 1 | 1 | A04 |
|ugacuagauuuuacacuuGuccu..... | 1 | 1 | A04 |
|ugacuaUauuuuacacuuauccu..... | 1 | 1 | A04 |
|ugUcuagauuuuacacuuauccu..... | 1 | 1 | A04 |
|ugacuagauuuuacacuuauAcu..... | 4 | 1 | A04 |
|ugacuagauuuuacacuuAGccu..... | 1 | 1 | A04 |
|ugacuagauuuuacacuuGcu..... | 1 | 1 | A04 |
|ugacuagauuuuacacuuGuccu..... | 1 | 1 | A04 |
|ugacuagauuuuacacuuauccG..... | 4 | 1 | A04 |
|ugacuagauAuacacuuauccu..... | 1 | 1 | A04 |
|ugacuagauuuuacacuuauccA..... | 6 | 1 | A04 |
|ugGcuagauuuuacacuuauccu..... | 4 | 1 | A04 |
|ugacuagauuuuacacuuauccu..... | 1958 | 0 | A04 |
|ugacuagCuuuuacacuuauccu..... | 1 | 1 | A04 |
|ugacuagauuuuacacuuauccC..... | 2 | 1 | A04 |
|ugacuagauuuuacacCuauccu..... | 1 | 1 | A04 |
|ugacuagauuuuacacuuauccAu..... | 1 | 1 | A04 |
|ugacuagauuuuacacuuauccuu..... | 23 | 0 | A04 |
|ugacuagauuuuacacuuauAcuu..... | 1 | 1 | A04 |
|ugacuagauuuuacacuuGauccuu..... | 1 | 1 | A04 |
|ugacuagauuuuacacuuauccuA..... | 3 | 1 | A04 |
|ugacuagauuuuacacuuauccCu..... | 1 | 1 | A04 |
|ugacuagauuuuacacuuauccuC..... | 1 | 1 | A04 |
|ugacuagauuuuacacuuauccuuc..... | 1 | 0 | A04 |
|ugacuagauuuuacacuuauccuuU..... | 8 | 1 | A04 |
|gacuagauuuuacacuuauccu..... | 1 | 0 | A04 |
| | | | |
|gguaaggugacuuucua | 1 | 1 | E24 |
|gguaaggugacuuucua | 12 | 1 | E24 |
|Cu | 11 | 1 | E24 |
|gacuagauuuuacacuuauccu..... | 11 | 1 | E24 |
|ugacuagauuuuacacuuau..... | 3 | 0 | E24 |
|ugacuagauuuuacacuuau..... | 13 | 0 | E24 |
|ugacuagauuuuacacCuaucc..... | 1 | 1 | E24 |
|ugacuagauuuuacacuuaucc..... | 65 | 0 | E24 |
|ugacuagauuuuacacuuA | 1 | 1 | E24 |
|ugacuagauuuuacacuuauccU..... | 1 | 1 | E24 |
|Ggacuagauuuuacacuuaucc..... | 1 | 1 | E24 |
|ugacuagauuuuacacuuauccA..... | 2 | 1 | E24 |
|ugaAuagauuuuacacuuauccu..... | 1 | 1 | E24 |
|ugGcuagauuuuacacuuauccu..... | 18 | 1 | E24 |
|ugacuagauuuuacacuuA | 5 | 1 | E24 |
|ugacuagauuuuacacuuauccC..... | 9 | 1 | E24 |
|ugacuagUuuuacacuuauccu..... | 2 | 1 | E24 |
|ugacuagauuAuacacuuauccu..... | 1 | 1 | E24 |
|ugUcuagauuuuacacuuauccu..... | 2 | 1 | E24 |
|ugacuagauuuCcacuuauccu..... | 1 | 1 | E24 |
|ugacuagauuuAacacuuauccu..... | 1 | 1 | E24 |
|ugacuagaCuuuacacuuauccu..... | 1 | 1 | E24 |
|uUacuagauuuuacacuuauccu..... | 3 | 1 | E24 |
|ugacuagauuuuUacuuauccu..... | 1 | 1 | E24 |
|ugacuagauuuuacacuuGauccu..... | 32 | 1 | E24 |
|ugacuagauuuuacacuuauAcu..... | 7 | 1 | E24 |
|ugacuagauuuuacacuuauGcu..... | 1 | 1 | E24 |
|ugacuagauuuuacacAuauccu..... | 1 | 1 | E24 |
|ugacuagauuuuacacuuA | 5 | 1 | E24 |
|ugacuaUauuuuacacuuauccu..... | 6 | 1 | E24 |
|ugacuagauuuuacAUuuauccu..... | 2 | 1 | E24 |
|ugacuagauuuuacacuuCauccu..... | 23 | 1 | E24 |
|ugacuaAuuuuacacuuauccu..... | 1 | 1 | E24 |

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|---------------------------------------------------------------------------------------------------------------------------|------|---|-----|
| uuuuucgcauguaocgacuaaagucuaacaauaggacgguaaggugacuuucuaaguucaaguuuguuguuaucuuugacuagauuuuacacuuauccuucagagagagacgcccgcuuuc | | | |
|Agacuagauuuuacacuuauccu..... | 3 | 1 | E24 |
|ugacuagauuuuacacuuauccu..... | 6 | 1 | E24 |
|ugacuagaGuuuacacuuauccu..... | 1 | 1 | E24 |
|ugacuagauuuuacacuuauccu..... | 2 | 1 | E24 |
|ugacuagauuuuacacuuagccu..... | 1 | 1 | E24 |
|ugacuagauuuuacacuuauccG..... | 12 | 1 | E24 |
|ugacuagCuuuuacacuuauccu..... | 2 | 1 | E24 |
|ugacuagauuuuAacuuauccu..... | 4 | 1 | E24 |
|ugacuagauuuuacacuuauUcu..... | 5 | 1 | E24 |
|ugacuagauuuuacacGuauccu..... | 1 | 1 | E24 |
|ugacuagauuuuacGcuauccu..... | 2 | 1 | E24 |
|ugacuagauuuuacacAauccu..... | 17 | 1 | E24 |
|ugacuagauCuucacuuauccu..... | 1 | 1 | E24 |
|ugacuagauuuuacAuuauccu..... | 1 | 1 | E24 |
|ugacuagauuuuacacuuauccGu..... | 5 | 1 | E24 |
|ugacCagauuuuacacuuauccu..... | 4 | 1 | E24 |
|Cgacuagauuuuacacuuauccu..... | 1 | 1 | E24 |
|ugacuagauuCuacuuauccu..... | 3 | 1 | E24 |
|ugacuGgauuuuacacuuauccu..... | 3 | 1 | E24 |
|ugacuagauAuuacacuuauccu..... | 1 | 1 | E24 |
|ugacuagauuuuacacuuauUu..... | 4 | 1 | E24 |
|ugacuagauuuuacacuuauccA..... | 7 | 1 | E24 |
|ugCcuagauuuuacacuuauccu..... | 6 | 1 | E24 |
|ugacuagauuuuacacuuauccu..... | 8637 | 0 | E24 |
|ugacuagaAuuuacacuuauccu..... | 3 | 1 | E24 |
|ugacuagauuuuacUcuauccu..... | 1 | 1 | E24 |
|ugacuagauuuuacacuuauccuA..... | 2 | 1 | E24 |
|ugacuagauuuuacacuuauccCu..... | 1 | 1 | E24 |
|ugacuagauuuuacacuuauccuC..... | 2 | 1 | E24 |
|ugacuagauuuuacacuuauccuu..... | 36 | 0 | E24 |
|ugacuagauuuuacacuCauccuu..... | 1 | 1 | E24 |
|ugacuagauuuuacacuuauccuuU..... | 1 | 0 | E24 |
|gacuagauuuuacacuuauccu..... | 7 | 0 | E24 |
|Uacuagauuuuacacuuauccu..... | 1 | 1 | E24 |
|acuagauuuuacacuuauccu..... | 1 | 0 | E24 |
|acuaaagucuaacauggac..... | 1 | 0 | H41 |
|gguaaggugacuuucuaaguucU..... | 2 | 1 | H41 |
|gguaaggugacuuucuaaguucaA..... | 2 | 0 | H41 |
|gguaaggugacuuucuaaguucaC..... | 1 | 1 | H41 |
|gguaaggugacuuucuaaguucaag..... | 3 | 0 | H41 |
|gguaaggugacuuucuaaguucaAA..... | 1 | 1 | H41 |
|gguaaggugacuuucuaaguucaAAC..... | 1 | 1 | H41 |
|Cugacuagauuuuacacuuauccu..... | 6 | 1 | H41 |
|ugacuagauuuuacacuuau..... | 1 | 0 | H41 |
|ugacAagauuuuacacuuaucc..... | 1 | 1 | H41 |
|ugacuagauuuuacGuuaucc..... | 1 | 1 | H41 |
|ugacuagauuuuacacuuaucc..... | 46 | 0 | H41 |
|ugacuagauuuuacacuuaucc..... | 111 | 0 | H41 |
|ugacAagauuuuacacuuaucc..... | 1 | 1 | H41 |
|ugacuagauuuuacGuuaucc..... | 1 | 1 | H41 |
|ugacuagauuuuacacCuaucc..... | 1 | 1 | H41 |
|ugacuagaAuuuacacuuaucc..... | 1 | 1 | H41 |
|ugacuagauuuuacGuuauccu..... | 5 | 1 | H41 |
|ugacuagGuuuuacacuuauccu..... | 1 | 1 | H41 |
|ugacuagauuuuacacAauccu..... | 4 | 1 | H41 |
|ugacGagauuuuacacuuauccu..... | 11 | 1 | H41 |
|ugacuagauuuuacacuuauAcu..... | 3 | 1 | H41 |
|ugacuagauuCuacuuauccu..... | 1 | 1 | H41 |
|uUacuagauuuuacacuuauccu..... | 1 | 1 | H41 |
|ugacuagauuuuacacuuauGcu..... | 1 | 1 | H41 |
|ugacuagauuuuacacuuacccu..... | 3 | 1 | H41 |
|ugacuagauuuuacacuuUuccu..... | 1 | 1 | H41 |
|ugacuagauuuuacacuuauccA..... | 1 | 1 | H41 |
|ugacuagauuuuacacuuAACcu..... | 7 | 1 | H41 |
|ugacuagauuuuacacuuauccC..... | 11 | 1 | H41 |
|ugacuagauuuuGacuuauccu..... | 1 | 1 | H41 |
|ugacuagauuuuacAuuaucuu..... | 4 | 1 | H41 |
|ugGcuagauuuuacacuuauccu..... | 9 | 1 | H41 |

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|---------------------------------------------------------------------------------------------------------------------|------|---|-----|
| uuuuucgcauguaccgacuaaauugucuacauggacgguaggugacuuucaguucaaguuuguuguaucuuugacuagauuuuacacuuauccuucagaguagacgccgcucucu | | | |
|ugacuagauuuuacacuuauccu..... | 5880 | 0 | H41 |
|ugacuagauuuuacacuuauccu..... | 1 | 1 | H41 |
|ugacuagauuuuacacuuauccu..... | 7 | 1 | H41 |
|ugacuagauuuuacacuuauccu..... | 3 | 1 | H41 |
|ugacuagauuuuacacuuauccu..... | 5 | 1 | H41 |
|ugaAuagauuuuacacuuauccu..... | 1 | 1 | H41 |
|ugacuagauuuuacacuuauccG..... | 5 | 1 | H41 |
|ugacuaUauuuuacacuuauccu..... | 1 | 1 | H41 |
|ugacuagCuuuuacacuuauccu..... | 2 | 1 | H41 |
|ugacuagaAuuuacacuuauccu..... | 2 | 1 | H41 |
|ugacuagauAuuuacacuuauccu..... | 1 | 1 | H41 |
|ugacuagauuuuacacuuauccUu..... | 5 | 1 | H41 |
|ugacuUgauuuuacacuuauccu..... | 1 | 1 | H41 |
|ugacAagauuuuacacuuauccu..... | 4 | 1 | H41 |
|ugacuagauuuuacacuuauccu..... | 2 | 1 | H41 |
|ugacuagauuuuUacuuauccu..... | 3 | 1 | H41 |
|ugacCagauuuuacacuuauccu..... | 5 | 1 | H41 |
|ugacuagauCuucacuuauccu..... | 1 | 1 | H41 |
|ugacuagauuuuacacuuuGccu..... | 10 | 1 | H41 |
|ugacuagauuuuCCuuauccu..... | 1 | 1 | H41 |
|ugacuagauuuuCCuuauccu..... | 3 | 1 | H41 |
|ugacuagauuuuacCuauccu..... | 1 | 1 | H41 |
|ugacuagauuuuacacuuauccAu..... | 3 | 1 | H41 |
|ugUcuagauuuuacacuuauccu..... | 3 | 1 | H41 |
|ugacuagauuuuacacuuauccuA..... | 4 | 1 | H41 |
|ugacuagauuuuacacuuauccuC..... | 2 | 1 | H41 |
|ugacuagauuuuacacuuauccuu..... | 15 | 0 | H41 |
|ugacuagauuuuacacuuauccCu..... | 10 | 1 | H41 |
|ugacuagauuuuacacuuauccuuc..... | 1 | 0 | H41 |
|ugacuagauuuuacacuuauccuuU..... | 16 | 1 | H41 |
|ugacuagauuuuacacuuauccuuUa..... | 1 | 1 | H41 |
|gacuagauuuuacacuuauccu..... | 1 | 0 | H41 |
|Uacuagauuuuacacuuauccu..... | 1 | 1 | H41 |
|gguaggugacuuucaguucaag..... | 3 | 0 | E14 |
|Cugacuagauuuuacacuuauccu..... | 8 | 1 | E14 |
|ugacuagauuuuacacuuaucc..... | 18 | 0 | E14 |
|ugacuagauuuuacacuuaucc..... | 42 | 0 | E14 |
|ugacuagauuuuacacuuauGcu..... | 2 | 1 | E14 |
|ugCcuagauuuuacacuuauccu..... | 6 | 1 | E14 |
|ugaAuagauuuuacacuuauccu..... | 1 | 1 | E14 |
|ugacuaUauuuuacacuuauccu..... | 2 | 1 | E14 |
|ugacuagauCuucacuuauccu..... | 2 | 1 | E14 |
|ugGcuagauuuuacacuuauccu..... | 5 | 1 | E14 |
|ugacuagGuuuuacacuuauccu..... | 1 | 1 | E14 |
|ugacuagauuuuacGuuauccu..... | 3 | 1 | E14 |
|ugacuagauuuuacacuuauccu..... | 5807 | 0 | E14 |
|ugaUuagauuuuacacuuauccu..... | 1 | 1 | E14 |
|ugacuagauuuuacacuuauccUu..... | 3 | 1 | E14 |
|ugacuagauuuuCCuuauccu..... | 2 | 1 | E14 |
|ugacuagauuuuacacuuauccA..... | 1 | 1 | E14 |
|ugacCagauuuuacacuuauccu..... | 5 | 1 | E14 |
|ugacuagauuuuCCuuauccu..... | 1 | 1 | E14 |
|ugacuagauuuuacacuuauccu..... | 2 | 1 | E14 |
|ugacAagauuuuacacuuauccu..... | 4 | 1 | E14 |
|ugacuagaCuuuacacuuauccu..... | 1 | 1 | E14 |
|ugacuagauuuuacacuuauccC..... | 4 | 1 | E14 |
|ugacuagauuAuacacuuauccu..... | 1 | 1 | E14 |
|ugacuagauuuuCGcuuauccu..... | 3 | 1 | E14 |
|ugacuagauuuuUacuuauccu..... | 2 | 1 | E14 |
|ugacuagauuuuacacuuauccu..... | 6 | 1 | E14 |
|uUacuagauuuuacacuuauccu..... | 2 | 1 | E14 |
|ugacuagauuuuacacuuauccAu..... | 7 | 1 | E14 |
|ugacuagauuuuacacuuuAccu..... | 7 | 1 | E14 |
|ugacuagauuuuacacuuuGccu..... | 8 | 1 | E14 |
|ugacuagauuuuacacuuauccG..... | 7 | 1 | E14 |
|ugacuagauuuuacacuuauccGu..... | 1 | 1 | E14 |
|ugacuagauuuCCacuuauccu..... | 2 | 1 | E14 |
|ugacuagauuuuacAuauccu..... | 3 | 1 | E14 |
|ugacuagauuuuacacuuuAccu..... | 5 | 1 | E14 |

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|---------------------------------------------------------------------------------------------------------------------|------|---|-----|
| uuuuucgcauguaccgacuaaagucuaacauggacgguaggugacuuucuaaguucaaguuuguuguaucuuugacuagauuuuacacuuauccuucagaguagacgccgcuucu | | | |
|ugacuagauuuuacacuCauccu..... | 3 | 1 | E14 |
|ugacuagauuuuacauuuuauccu..... | 1 | 1 | E14 |
|ugacuagaAuuuacacuuauccu..... | 3 | 1 | E14 |
|ugacGagauuuuacacuuauccu..... | 5 | 1 | E14 |
|ugacuUgauuuuacacuuauccu..... | 2 | 1 | E14 |
|ugUcuagauuuuacacuuauccu..... | 4 | 1 | E14 |
|ugacuagUuuuuacacuuauccu..... | 1 | 1 | E14 |
|ugacuagauuuuacacuuauccuu..... | 16 | 0 | E14 |
|ugacuagauuuuacacuuauccuC..... | 2 | 1 | E14 |
|ugacuagauuuuacacuuauccuA..... | 1 | 1 | E14 |
|ugacCagauuuuacacuuauccuu..... | 1 | 1 | E14 |
|ugacuagauuuuacacuuauccuuU..... | 5 | 1 | E14 |
|ugacuagauuuuacacuuauccuuU..... | 1 | 1 | E14 |
|gacuagauuuuacacuuauccu..... | 2 | 0 | E14 |
|gguaggugacuuucuaaguucU..... | 1 | 1 | T73 |
|gguaggugacuuucuaaguucaag..... | 1 | 0 | T73 |
|Cugacuagauuuuacacuuauccu..... | 3 | 1 | T73 |
|ugacuagauuuuacacuuau..... | 4 | 0 | T73 |
|ugacuagauuuuacacuuau..... | 72 | 0 | T73 |
|ugacuagauuuuacacuuauU..... | 1 | 1 | T73 |
|ugacuagauuuuacacuuaucc..... | 1 | 1 | T73 |
|ugacuaAuuuuacacuuaucc..... | 1 | 1 | T73 |
|ugacuagauuuuacacuGaucc..... | 1 | 1 | T73 |
|ugacuagauuuuacacuuaucc..... | 70 | 0 | T73 |
|ugacuagauuuuacacuuauU..... | 2 | 1 | T73 |
|ugacuagauuuuacacuuauccC..... | 7 | 1 | T73 |
|ugacuagauuuuacacuuauccu..... | 5 | 1 | T73 |
|ugacuagauuuuacacuuauGcu..... | 3 | 1 | T73 |
|ugCcuagauuuuacacuuauccu..... | 2 | 1 | T73 |
|ugacuagauuuuacacuuauAcu..... | 4 | 1 | T73 |
|ugacuagauuuuacacuuauUu..... | 3 | 1 | T73 |
|ugacuagauuuuacacuuauGccu..... | 4 | 1 | T73 |
|ugacuagauuuuacacuuauAu..... | 11 | 1 | T73 |
|ugacuagauuuuUcuuauccu..... | 1 | 1 | T73 |
|ugacuagUuuuuacacuuauccu..... | 2 | 1 | T73 |
|ugacuagauuuuAcacuuauccu..... | 1 | 1 | T73 |
|ugaAuagauuuuacacuuauccu..... | 1 | 1 | T73 |
|ugacuagauuuuacacuuauccu..... | 2 | 1 | T73 |
|ugacuagauuuCcacuuauccu..... | 1 | 1 | T73 |
|ugUcuagauuuuacacuuauccu..... | 3 | 1 | T73 |
|ugacuagauuuuacacuuauGcu..... | 2 | 1 | T73 |
|ugacuagauuuuacacuuuAccu..... | 4 | 1 | T73 |
|ugacuagaAuuuacacuuauccu..... | 1 | 1 | T73 |
|ugacuagaCuuuacacuuauccu..... | 2 | 1 | T73 |
|uAacuagauuuuacacuuauccu..... | 2 | 1 | T73 |
|Agacuagauuuuacacuuauccu..... | 1 | 1 | T73 |
|ugGcuagauuuuacacuuauccu..... | 8 | 1 | T73 |
|ugacuaUauuuuacacuuauccu..... | 5 | 1 | T73 |
|ugacuagauuuuacacAuauccu..... | 1 | 1 | T73 |
|ugacuUgauuuuacacuuauccu..... | 2 | 1 | T73 |
|ugacuaCauuuuacacuuauccu..... | 3 | 1 | T73 |
|ugacuGgauuuuacacuuauccu..... | 1 | 1 | T73 |
|ugaGuagauuuuacacuuauccu..... | 1 | 1 | T73 |
|ugacuagauuuuacacuCauccu..... | 15 | 1 | T73 |
|ugacuaAuuuuacacuuauccu..... | 1 | 1 | T73 |
|uUacuagauuuuacacuuauccu..... | 6 | 1 | T73 |
|ugacuagauuuuAcuuuauccu..... | 1 | 1 | T73 |
|ugacuagauuuuacacuuCuuccu..... | 1 | 1 | T73 |
|ugacuagauuuuacacuuauUcu..... | 2 | 1 | T73 |
|ugacuagGuuuuacacuuauccu..... | 2 | 1 | T73 |
|ugacuagauuuuacacuuauccG..... | 15 | 1 | T73 |
|ugacuagauuuuacacuuauccu..... | 5897 | 0 | T73 |
|ugacuagauuuuacacuuGuuccu..... | 2 | 1 | T73 |
|ugacuagauuuuacacuuauccA..... | 5 | 1 | T73 |
|ugacuagauuuuacacuGauccu..... | 18 | 1 | T73 |
|ugacuagauuuuacacuAuuccu..... | 15 | 1 | T73 |
|ugacuagauuuuacacCuauccu..... | 1 | 1 | T73 |
|ugacuagauuuuacacuuauccuu..... | 17 | 0 | T73 |
|ugacuagauuuuacacuuauccuC..... | 1 | 1 | T73 |

Mature

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|------------------------------------------------|--------------------------|------------------------------------------------------------|------|---|-----|
| uuuuucgcauguaccgcacuaaugucuacaauaggc | ggguaggugacuuuucaguucaag | uuuguuguauucuugacuagauuuuuccacuaucuccuacagaguagacgccgcuuuc | | | |
|ugacuagauuuuucacuuauccuA..... | | | 3 | 1 | T73 |
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|ugacuagauuuuucacuuauccuU..... | | | 7 | 1 | T73 |
|gacuagauuuuucacuuauccu..... | | | 2 | 0 | T73 |
|Uacuagauuuuucacuuauccu..... | | | 1 | 1 | T73 |
|acuagauuuuucacuuauccu..... | | | 1 | 0 | T73 |
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|gguaggugacuuuucaguAuc..... | | | 1 | 1 | T74 |
|gguaggugacuuuucaguAuca..... | | | 1 | 1 | T74 |
|gguaggugacuuuucaguAucaag..... | | | 6 | 1 | T74 |
|gguaggugacuuuucaguAucaagu..... | | | 1 | 1 | T74 |
|gguaggugacuuuucaguaucaagA..... | | | 1 | 1 | T74 |
|guaggugacuuuucaguAucaa..... | | | 1 | 1 | T74 |
|guaggugacuuuucaguAucaag..... | | | 1 | 1 | T74 |
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|ugacuagauuuuucacuuauuc..... | | | 64 | 0 | T74 |
|ugacuagauuuuucacuuauucc..... | | | 50 | 0 | T74 |
|ugGcuagauuuuucacuuauucc..... | | | 1 | 1 | T74 |
|ugacuagauuuuucacuuauuccC..... | | | 3 | 1 | T74 |
|ugacuagauuuuucacuuGauccu..... | | | 8 | 1 | T74 |
|ugacuagauuuuucacuuauuccG..... | | | 8 | 1 | T74 |
|uUacuagauuuuucacuuauccu..... | | | 2 | 1 | T74 |
|ugacuaAauuuuucacuuauccu..... | | | 1 | 1 | T74 |
|ugacuagauuuuucacuuauGcu..... | | | 4 | 1 | T74 |
|ugacuagauuuuucacuuuAccu..... | | | 4 | 1 | T74 |
|ugacuagauuuuucacuuauccu..... | | | 3153 | 0 | T74 |
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|ugacuagauuuuucacuCauccu..... | | | 6 | 1 | T74 |
|ugacuagauuuuucacuaAuccu..... | | | 8 | 1 | T74 |
|ugGcuagauuuuucacuuauccu..... | | | 3 | 1 | T74 |
|ugacuagauuuuucCuuauccu..... | | | 1 | 1 | T74 |
|ugacuaUauuuuucacuuauccu..... | | | 2 | 1 | T74 |
|ugUcuagauuuuucacuuauccu..... | | | 2 | 1 | T74 |
|ugacuagauuuuucacuuauCGu..... | | | 3 | 1 | T74 |
|ugacuagauuuuucacuuauCAu..... | | | 1 | 1 | T74 |
|ugacuagGuuuuucacuuauccu..... | | | 1 | 1 | T74 |
|ugacuagauuuuucacuuAGccu..... | | | 4 | 1 | T74 |
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|ugacuagauuuuucacuuauUcu..... | | | 1 | 1 | T74 |
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|ugacuagauuuuucCuuauccu..... | | | 2 | 1 | T74 |
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|ugacuagauuuuucacuuauccUU..... | | | 3 | 1 | T74 |
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|cuagauuuuucacuuaucca..... | | | 1 | 1 | T74 |
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|gguaggugacuuuucaguaucaag..... | | | 2 | 0 | E04 |
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|Augacuagauuuuucacuuauccu..... | | | 1 | 1 | E04 |
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|ugacuagauuuuucacuuauucG..... | | | 1 | 1 | E04 |
|ugacuagauuuuucacuuauucc..... | | | 50 | 0 | E04 |
|ugacuagauuuuucacuuGUccu..... | | | 1 | 1 | E04 |
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uuuuucgcauguaccgacuaaagucuaacauggacgggagaggugacuuucuaagucaaguuuuguuuguaucuuugacuaaguuuuacacuuauccuucagaguagacgccgcuucu

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|-------------------------------------|------|---|-----|
|ugacuagauuuuAacuuauccu..... | 1 | 1 | E04 |
|uUacuagauuuuacacuuauccu..... | 1 | 1 | E04 |
|ugacuagauuuAucacuuauccu..... | 1 | 1 | E04 |
|ugacuagauuuuacacuuauccA..... | 2 | 1 | E04 |
|ugacGagauuuuacacuuauccu..... | 6 | 1 | E04 |
|uCacuagauuuuacacuuauccu..... | 2 | 1 | E04 |
|ugacuagUuuuuacacuuauccu..... | 2 | 1 | E04 |
|ugacuagauuuuacacuCauccu..... | 2 | 1 | E04 |
|ugacuagauuuuacacuuauccC..... | 3 | 1 | E04 |
|ugacuagauuuuacacuuauccu..... | 7444 | 0 | E04 |
|ugacuagauuuuacGuaucuu..... | 1 | 1 | E04 |
|ugacuagauuuuacacGauccu..... | 6 | 1 | E04 |
|ugacuUgauuuuacacuuauccu..... | 1 | 1 | E04 |
|ugacuagauuCuacacuuauccu..... | 1 | 1 | E04 |
|ugacuagauuuuacacuuauC..... | 3 | 1 | E04 |
|ugacuagauuuuacAuuauccu..... | 5 | 1 | E04 |
|ugacuagauuuuacacuuauA..... | 1 | 1 | E04 |
|ugCcuagauuuuacacuuauccu..... | 14 | 1 | E04 |
|ugacuagauuuCcacuuauccu..... | 1 | 1 | E04 |
|ugacuagauCuucacuuauccu..... | 1 | 1 | E04 |
|ugacuagauuuuacacuuCc..... | 8 | 1 | E04 |
|ugacuagauuuuGcuuauccu..... | 1 | 1 | E04 |
|ugacuagauuuuacacuuauG..... | 1 | 1 | E04 |
|ugacuagauuuuacacuuauA..... | 5 | 1 | E04 |
|ugacuagauuuuacacuuauU..... | 1 | 1 | E04 |
|ugacuagaCuuuacacuuauccu..... | 1 | 1 | E04 |
|ugacuagauuuuacacuuauG..... | 4 | 1 | E04 |
|ugGcuagauuuuacacuuauccu..... | 5 | 1 | E04 |
|ugaUuagauuuuacacuuauccu..... | 2 | 1 | E04 |
|ugUcuagauuuuacacuuauccu..... | 7 | 1 | E04 |
|ugacuagauuuuacacuuUu..... | 3 | 1 | E04 |
|ugacuagauuuuUcuuauccu..... | 4 | 1 | E04 |
|ugacuagCuuuuacacuuauccu..... | 1 | 1 | E04 |
|ugacuagauuuUacuuauccu..... | 5 | 1 | E04 |
|ugacuagauuuuacacuuA..... | 9 | 1 | E04 |
|ugacuagauuuuacacuuA..... | 4 | 1 | E04 |
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|ugacuGgauuuuacacuuauccu..... | 1 | 1 | E04 |
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|ugacAagauuuuacacuuauccu..... | 6 | 1 | E04 |
|ugacuagauuuuacuuauccu..... | 2 | 1 | E04 |
|ugacuaAauuuuacacuuauccu..... | 1 | 1 | E04 |
|ugacuagauuuuacacuuauccu..... | 3 | 1 | E04 |
|ugacuagauuuuacuuauccu..... | 9 | 1 | E04 |
|Cgacuagauuuuacacuuauccu..... | 1 | 1 | E04 |
|ugacuagauuuuacacuuuG..... | 9 | 1 | E04 |
|ugacuagauuuuacacuuauccuu..... | 32 | 0 | E04 |
|ugacuagauuuuacuuauccuu..... | 1 | 1 | E04 |
|ugacuagauuuCcacuuauccuu..... | 1 | 1 | E04 |
|ugacuagauuuuacacuuauccuC..... | 4 | 1 | E04 |
|ugacuagauuuuacacuuauC..... | 1 | 1 | E04 |
|ugacuagauuuuacacuuauccCu..... | 1 | 1 | E04 |
|ugacuagauuuuacacuuauccuuc..... | 1 | 0 | E04 |
|ugacuagauuuuacacuuauccuuU..... | 5 | 1 | E04 |
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|ugacuagauuuuacacuuau..... | 4 | 0 | A32 |
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|ugacuagauuuuacacuuuG..... | 1 | 1 | A32 |
|ugacuGgauuuuacacuuauccu..... | 1 | 1 | A32 |
|ugaUuagauuuuacacuuauccu..... | 1 | 1 | A32 |
|ugacuagauuuuUcuuauccu..... | 1 | 1 | A32 |

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|---------------------------------------------------------------------------------------------------------------------|-------|---|-----|
| uuuuucgcauguaccgacuaaagucuaacaaggacgguaggugacuuucuaagucaaguuuguuguaucuuugacuagauuuuacacuuauccuucagaguagacgccgcucucu | | | |
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|ugUcuagauuuuacacuuauccu..... | 2 | 1 | A32 |
|ugacuagauuuuAacuuauccu..... | 1 | 1 | A32 |
|ugacuagauuuuacacuGauccu..... | 7 | 1 | A32 |
|ugacuagauuuuacacuuauGcu..... | 2 | 1 | A32 |
|ugacuagauuuuacacuuauccu..... | 1265 | 0 | A32 |
|ugacuagauuuuacacuAauccu..... | 8 | 1 | A32 |
|uAacuagauuuuacacuuauccu..... | 1 | 1 | A32 |
|ugacuagauuuuacaUuuauccu..... | 1 | 1 | A32 |
|ugacuagUuuuuacacuuauccu..... | 2 | 1 | A32 |
|ugacuagauuuuacacuuauA..... | 1 | 1 | A32 |
|ugacuagauuuuacacuCauccu..... | 5 | 1 | A32 |
|ugacuagauuuuacacuuauccG..... | 4 | 1 | A32 |
|ugacuagauuuuacacuuauccA..... | 1 | 1 | A32 |
|ugacuagauuuuacacuuauccuA..... | 1 | 1 | A32 |
|ugacuagauuuuacacuuauccCu..... | 1 | 1 | A32 |
|ugacuagauuuuacacuuauccuC..... | 1 | 1 | A32 |
|ugacuagauuuuacacuuauccuu..... | 14 | 0 | A32 |
|ugacuagauuuuacacuuauccuuU..... | 3 | 1 | A32 |
|gacuagauuuuacacuuauccu..... | 1 | 0 | A32 |
|acuaaagucuaacaaggac..... | 3 | 0 | H04 |
|gguaggugacuuucuaagAucaa..... | 1 | 1 | H04 |
|gguaggugacuuucuaagucaag..... | 3 | 0 | H04 |
|gguaggugacuuucuaagAucaag..... | 12 | 1 | H04 |
|Cugacuagauuuuacacuuauccu..... | 18 | 1 | H04 |
|ugacuagauuuuacacuuau..... | 4 | 0 | H04 |
|ugacuaUauuuuacacuuau..... | 1 | 1 | H04 |
|ugacuagauuuuacacuuau..... | 53 | 0 | H04 |
|ugUcuagauuuuacacuuaucc..... | 1 | 1 | H04 |
|uUacuagauuuuacacuuaucc..... | 1 | 1 | H04 |
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|ugacuagauuuuacaAuauaucc..... | 1 | 1 | H04 |
|ugCcuagauuuuacacuuauccu..... | 17 | 1 | H04 |
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|Agacuagauuuuacacuuauccu..... | 3 | 1 | H04 |
|ugacuagauCuucacuuauccu..... | 2 | 1 | H04 |
|ugaAuagauuuuacacuuauccu..... | 2 | 1 | H04 |
|ugacuagGuuuuacacuuauccu..... | 6 | 1 | H04 |
|ugacuagaCuuuuacacuuauccu..... | 1 | 1 | H04 |
|ugacuagaAuuuuacacuuauccu..... | 1 | 1 | H04 |
|ugacuagauuuuUacuuauccu..... | 4 | 1 | H04 |
|ugacuagauuuuacacuuuAgccu..... | 16 | 1 | H04 |
|ugacUgauuuuacacuuauccu..... | 4 | 1 | H04 |
|ugacuagauuuuacacuuauccC..... | 6 | 1 | H04 |
|ugacAagauuuuacacuuauccu..... | 19 | 1 | H04 |
|ugacuagauuuuacaGuuauccu..... | 10 | 1 | H04 |
|ugacuagUuuuuacacuuauccu..... | 2 | 1 | H04 |
|ugacCagauuuuacacuuauccu..... | 13 | 1 | H04 |
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|ugacuagauuuuacacuuuAccu..... | 6 | 1 | H04 |
|ugacuagauuuuacacuuauccU..... | 6 | 1 | H04 |
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|ugacuagauuuuacacuuauccu..... | 10263 | 0 | H04 |
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|ugacuaUauuuuacacuuauccu..... | 2 | 1 | H04 |
|ugacuagauuuuacacuCauccu..... | 7 | 1 | H04 |
|ugacuagauuuuacacuuauUcu..... | 5 | 1 | H04 |
|ugacuagauuuuacacuuauAcu..... | 2 | 1 | H04 |
|ugacuagauuuuucUcuuauccu..... | 1 | 1 | H04 |
|ugacuagauuuuacacAuauccu..... | 3 | 1 | H04 |
|ugUcuagauuuuacacuuauccu..... | 8 | 1 | H04 |
|Cgacuagauuuuacacuuauccu..... | 1 | 1 | H04 |
|ugacuagauuuuacacCuauccu..... | 3 | 1 | H04 |
|ugacuagauuuuacaAuauauccu..... | 7 | 1 | H04 |
|uAacuagauuuuacacuuauccu..... | 1 | 1 | H04 |
|ugacuagauuuuucGcuuauccu..... | 5 | 1 | H04 |
|ugacuagauuuuacacuAauccu..... | 5 | 1 | H04 |

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| uuuuucgcauguaccgacuaaagucuaacauggacgguaggugacuuucuaaguucaaguuuguuguaucuuugacuagauuuuacacuuauccuucagaguagacgccgcucucu | | | |
|ugacuagauuuuacacuuGuccu..... | 2 | 1 | H04 |
|ugacuagauuuuacacuuaucau..... | 12 | 1 | H04 |
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|ugacuagauuuuacGuaucuu..... | 3 | 1 | H04 |
|ugacuagauuuuacacuuAaccu..... | 13 | 1 | H04 |
|ugacuagauuuuacacuuauccA..... | 3 | 1 | H04 |
|ugGcuagauuuuacacuuauccu..... | 12 | 1 | H04 |
|ugacuGgauuuuacacuuauccu..... | 4 | 1 | H04 |
|ugacuagauuuCucacuuauccu..... | 2 | 1 | H04 |
|ugacGagauuuuacacuuauccu..... | 16 | 1 | H04 |
|uUacuagauuuuacacuuauccu..... | 2 | 1 | H04 |
|ugacuaAauuuuacacuuauccu..... | 2 | 1 | H04 |
|ugacuagauuuuacacuuGauccu..... | 13 | 1 | H04 |
|ugacuagauuuuacacuuauccGu..... | 6 | 1 | H04 |
|ugacuagauuuuacacuuauccCG..... | 5 | 1 | H04 |
|ugaGuagauuuuacacuuauccu..... | 1 | 1 | H04 |
|ugacuagauuuuacaUuuauccu..... | 3 | 1 | H04 |
|ugacuagauuuuAacuuauccu..... | 2 | 1 | H04 |
|ugacGagauuuuacacuuauccuu..... | 1 | 1 | H04 |
|ugacuagauuuuacacuuauccuC..... | 9 | 1 | H04 |
|ugacuagauuuuacacuuauccuu..... | 57 | 0 | H04 |
|ugacuagauuuuacacuuauccuA..... | 1 | 1 | H04 |
|ugacuagauuuuacacuuauccuG..... | 1 | 1 | H04 |
|ugacuagauuuuacacuuauccuuU..... | 20 | 1 | H04 |
|gacuagauuuuacacuuauccu..... | 7 | 0 | H04 |
|gacuagauuuuacacuuauccC..... | 1 | 1 | H04 |
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|ugacuagauuuuacacuuauccCG..... | 2 | 1 | A41 |
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|ugacuagauuuuacacuuaucau..... | 1 | 1 | A41 |
|uAacuagauuuuacacuuauccu..... | 1 | 1 | A41 |
|ugacuagauuuuacaAuuauccu..... | 1 | 1 | A41 |
|ugGcuagauuuuacacuuauccu..... | 1 | 1 | A41 |
|ugacuagauuuuacacuuauccC..... | 2 | 1 | A41 |
|ugacuagauuuuacacuuCauccu..... | 1 | 1 | A41 |
|ugacuagauuuuacacuuuAGccu..... | 1 | 1 | A41 |
|ugacuagauuuuacacuuAauccu..... | 4 | 1 | A41 |
|ugaAuagauuuuacacuuauccu..... | 1 | 1 | A41 |
|ugacuagauuuuacacuuaucaUu..... | 1 | 1 | A41 |
|ugacuagauuuuacacuuauccA..... | 1 | 1 | A41 |
|ugacuagauuuuacacuuauccuu..... | 7 | 0 | A41 |
|ugacuagauuuuacacuuauccuuU..... | 4 | 1 | A41 |
|gguaggugacuuucuaaguuca..... | 1 | 0 | E12 |
|gguaggugacuuucuaaguucaag..... | 1 | 0 | E12 |
|uaggugacuuucuaaguAcaag..... | 1 | 1 | E12 |
|Gugacuagauuuuacacuuauccu..... | 1 | 1 | E12 |
|Cugacuagauuuuacacuuauccu..... | 7 | 1 | E12 |
|ugacuagauuuuacacuuaucc..... | 24 | 0 | E12 |
|ugacuagauuuuacacuuaucc..... | 45 | 0 | E12 |
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|ugacuagauuuuacacuuauccGu..... | 6 | 1 | E12 |
|ugacuagauuuuUacuuauccu..... | 3 | 1 | E12 |
|ugacAagauuuuacacuuauccu..... | 8 | 1 | E12 |
|ugacuagauuuuacacuuauUcu..... | 1 | 1 | E12 |
|ugacCagauuuuacacuuauccu..... | 7 | 1 | E12 |
|ugacuagauuuuacacuuauccu..... | 6628 | 0 | E12 |
|ugacuagauuuuacacuuAauccu..... | 6 | 1 | E12 |
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|ugacuagauuuuacacuuGuccu..... | 1 | 1 | E12 |
|ugacuagCuuuuacacuuauccu..... | 1 | 1 | E12 |

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| uuuuucgcauguaccgacuaaagucuaacauggacgggagggugacuuucuaagucaaguuuguuguaucuuugacuagauuuuacacuuauccuucagaguagacgccgcuucu | | | |
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|ugacuagauuuCcacuuaucuu..... | 1 | 1 | E12 |
|ugacuagGuuuuacacuuauccu..... | 1 | 1 | E12 |
|ugacuaUauuuuacacuuauccu..... | 1 | 1 | E12 |
|ugacuagauuuuacacGuauccu..... | 2 | 1 | E12 |
|ugacuagauuuuacacuuauccC..... | 6 | 1 | E12 |
|uAacuagauuuuacacuuauccu..... | 1 | 1 | E12 |
|ugacuagauuuuacAuuaucuu..... | 13 | 1 | E12 |
|ugGcuagauuuuacacuuauccu..... | 7 | 1 | E12 |
|ugCcuagauuuuacacuuauccu..... | 9 | 1 | E12 |
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|ugacGagauuuuacacuuauccu..... | 5 | 1 | E12 |
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|ugaUuagauuuuacacuuauccu..... | 2 | 1 | E12 |
|ugacuagauuuuacacuuauccG..... | 9 | 1 | E12 |
|ugacuagauuuuacacuGauccu..... | 6 | 1 | E12 |
|ugacuagauuuuAcacuuauccu..... | 1 | 1 | E12 |
|ugacuagauuCuacuuauccu..... | 1 | 1 | E12 |
|ugacuagauuuuacGuuaucuu..... | 3 | 1 | E12 |
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|ugacuagauCuucacuuauccu..... | 1 | 1 | E12 |
|ugacuagauuuuacAuuaucuu..... | 1 | 1 | E12 |
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|ugacuagauGuuacacuuauccu..... | 1 | 1 | E12 |
|ugacuaCaauuuuacacuuauccu..... | 1 | 1 | E12 |
|ugacuagaAuuuacacuuauccu..... | 1 | 1 | E12 |
|ugacuagauuuuacacuCaucuu..... | 8 | 1 | E12 |
|ugUcuagauuuuacacuuauccu..... | 2 | 1 | E12 |
|ugacuagauuuuAcacuuauccu..... | 2 | 1 | E12 |
|ugacuagauuuuacacuuAaccu..... | 4 | 1 | E12 |
|ugacuagauuuuacacuuauGcu..... | 1 | 1 | E12 |
|ugacuagauuuuacacuuauccA..... | 3 | 1 | E12 |
|ugacuagauuuuacacuuauccuA..... | 1 | 1 | E12 |
|ugacuagauuuuacacuuauccuC..... | 1 | 1 | E12 |
|ugacuagauuuuacacuuauccuu..... | 32 | 0 | E12 |
|ugacuagauuuuacacuuauccuuU..... | 8 | 1 | E12 |
|ugacuagauuuuacacuuauccuuA..... | 1 | 1 | E12 |
|gacuagauuuuacacuuauccu..... | 3 | 0 | E12 |
|acuagauuuuacacuuauccu..... | 1 | 0 | E12 |
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|uuuguuguaucuuugacuagauuuuacacuuauccu..... | 1 | 0 | H11 |
|Cugacuagauuuuacacuuauccu..... | 4 | 1 | H11 |
|ugacuagauuuuacacuuau..... | 2 | 0 | H11 |
|ugacuagauuuuacacuuaucc..... | 15 | 0 | H11 |
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|ugacuagauuuuacacuuauG..... | 1 | 1 | H11 |
|ugacuagauuuuacacuuAaucc..... | 1 | 1 | H11 |
|ugacuagauuuuacacuuaucc..... | 25 | 0 | H11 |
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|ugacuagauuuuacacuuAGccu..... | 2 | 1 | H11 |
|ugacuagauuuuGcuuaucuu..... | 1 | 1 | H11 |
|ugacuagauuuuacacuGauccu..... | 12 | 1 | H11 |
|ugacuagauuuuacacuCaucuu..... | 15 | 1 | H11 |
|ugacuaAuuuuacacuuauccu..... | 3 | 1 | H11 |
|ugacuagauuuuacacuuauccC..... | 8 | 1 | H11 |
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|ugacAagauuuuacacuuauccu..... | 1 | 1 | H11 |
|ugacuagaAuuuacacuuauccu..... | 2 | 1 | H11 |
|uCaacuagauuuuacacuuauccu..... | 2 | 1 | H11 |
|ugGcuagauuuuacacuuauccu..... | 6 | 1 | H11 |
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|ugacuagauuuuacacuuAGccu..... | 6 | 1 | H11 |
|ugacuagauuuuacacuuAGcu..... | 4 | 1 | H11 |
|ugacuaUauuuuacacuuauccu..... | 3 | 1 | H11 |
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|ugacuagauuuuacacCuauccu..... | 1 | 1 | H11 |
|ugacuagauuuuGcuuaucuu..... | 1 | 1 | H11 |

Star

Mature

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| uuuuucgcauguaccgacuaaagucuaacauggac | ggguaggugacuuucuaaguucaaguuuuguu | gugauucuuugacuagauuuuacacuuauccu | ucagaguagacgccgcuucu | | | |
| ..... | ..... | ugacuagauuuCcacuuauccu..... | 3 | 1 | | H11 |
| ..... | ..... | ugacuagauuuuAacuuauccu..... | 1 | 1 | | H11 |
| ..... | ..... | ugUcuagauuuucacuuauccu..... | 4 | 1 | | H11 |
| ..... | ..... | ugacuagauuuucacuuauccG..... | 9 | 1 | | H11 |
| ..... | ..... | ugacuagauuuucacuuauccu..... | 4862 | 0 | | H11 |
| | | ugCcuagauuuucacuuauccu..... | 1 | 1 | | H11 |
| | | ugacuagauuuucacuuauccAu..... | 3 | 1 | | H11 |
| | | ugacuagauuuuCCuuauccu..... | 4 | 1 | | H11 |
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| | | ugacuUgauuuucacuuauccu..... | 1 | 1 | | H11 |
| | | ugacuagauuuucacuuauccGu..... | 2 | 1 | | H11 |
| | | ugacuagauuuucacuuAauccu..... | 11 | 1 | | H11 |
| | | ugacuagauuuucacuuGuccu..... | 2 | 1 | | H11 |
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| | | uAacuagauuuucacuuauccu..... | 1 | 1 | | H11 |
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| | | ugacuagauuuucacuuauccCu..... | 1 | 1 | | H11 |
| | | ugacuagauuuucacuuauccuC..... | 2 | 1 | | H11 |
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| | | ugacuagauuuucacuuauccuuU..... | 4 | 1 | | H11 |
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| | | .Uacuagauuuucacuuauccu..... | 2 | 1 | | H11 |
| | | .acuagauuuucacuuauccu..... | 1 | 0 | | H11 |
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| | .gacuaaagucuaacauggac | | 1 | 0 | | H42 |
| | .acuaaagucuaacauggac | | 1 | 0 | | H42 |
| | | cgguaggugacuuucuaaguucU..... | 1 | 1 | | H42 |
| ..... | ..... | cgguaggugacuuucuaaguucaag..... | 1 | 0 | | H42 |
| ..... | ..... | .gguaggugacuuucuaaguuc..... | 1 | 0 | | H42 |
| ..... | ..... | .gguaggugacuuucuaaguuca..... | 1 | 0 | | H42 |
| ..... | ..... | .gguaggugacuuucuaaguucU..... | 3 | 1 | | H42 |
| ..... | ..... | .gguaggugacuuucuaaguuca..... | 1 | 0 | | H42 |
| | | .gguaggugacuuucuaaguucaC..... | 1 | 1 | | H42 |
| | | .gguaggugacuuucuaaguucaag..... | 8 | 0 | | H42 |
| | | .Cugacuagauuuucacuuauccu..... | 19 | 1 | | H42 |
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| | | ugacuagauuuucacuuaucc..... | 69 | 0 | | H42 |
| | | ugacuagauuuucacuuaucc..... | 146 | 0 | | H42 |
| | | ugacuagauuuucacuuauccU..... | 1 | 1 | | H42 |
| | | ugacuagauuuucacuuauGcc..... | 2 | 1 | | H42 |
| | | ugacCagaauuuucacuuaucc..... | 1 | 1 | | H42 |
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| | | ugacuaUauuuucacuuauccu..... | 2 | 1 | | H42 |
| | | ugacuagCuuuuucacuuauccu..... | 2 | 1 | | H42 |
| | | ugacuagGuuuucacuuauccu..... | 7 | 1 | | H42 |
| ..... | ..... | ugacuagauuuucacuuauccu..... | 11 | 1 | | H42 |
| ..... | ..... | ugacuagauuuucacuuauccu..... | 10431 | 0 | | H42 |
| ..... | ..... | .Agacuagauuuucacuuauccu..... | 2 | 1 | | H42 |
| ..... | ..... | ugacuagauuuuAacuuauccu..... | 2 | 1 | | H42 |
| ..... | ..... | ugacuagauuuucacuuAaccu..... | 6 | 1 | | H42 |
| ..... | ..... | ugacAagaauuuucacuuauccu..... | 14 | 1 | | H42 |
| ..... | ..... | ugacuagauuCucacuuauccu..... | 2 | 1 | | H42 |
| ..... | ..... | ugacuagauuuucacuuauccG..... | 15 | 1 | | H42 |
| ..... | ..... | ugacuagauuuucacuuAaccu..... | 14 | 1 | | H42 |
| ..... | ..... | ugacuagauuuucacuuauccGu..... | 13 | 1 | | H42 |
| ..... | ..... | uUacuagauuuucacuuauccu..... | 3 | 1 | | H42 |
| ..... | ..... | ugacCagaauuuucacuuauccu..... | 13 | 1 | | H42 |
| ..... | ..... | ugacuagauuuAacuuauccu..... | 3 | 1 | | H42 |
| ..... | ..... | ugacuagauuuucacuuAauccu..... | 7 | 1 | | H42 |
| ..... | ..... | ugacuagauuuucacuuauGcu..... | 1 | 1 | | H42 |
| ..... | ..... | ugacuagauuuucacuuUuccu..... | 1 | 1 | | H42 |
| ..... | ..... | .Cgacuagauuuucacuuauccu..... | 3 | 1 | | H42 |
| ..... | ..... | .ugaUagauuuucacuuauccu..... | 1 | 1 | | H42 |

Star

Mature

uuuuucgcauguaccgacuaaagucuaacauggacgguaggugacuuucuauguucaaguuuguuguaucuuugacuaaguuuuacacuuauccuucagaguagacgccgcuuucu

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|--------------------------------------|----|---|-----|
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|ugacuagauuuuacacuGuuccu..... | 1 | 1 | H42 |
|ugacuaAauuuuacacuuauccu..... | 2 | 1 | H42 |
|ugacGagauuuuacacuuauccu..... | 11 | 1 | H42 |
|ugacuagauuuuGcuuauccu..... | 2 | 1 | H42 |
|ugaAuaagauuuuacacuuauccu..... | 1 | 1 | H42 |
|ugacuagauuuuUuuauccu..... | 5 | 1 | H42 |
|ugacuagauuuuacCuauccu..... | 2 | 1 | H42 |
|ugaGuagauuuuacacuuauccu..... | 2 | 1 | H42 |
|ugacuagauuuuacacuuauccC..... | 21 | 1 | H42 |
|ugacuagauGuuacacuuauccu..... | 1 | 1 | H42 |
|ugCcuagauuuuacacuuauccu..... | 11 | 1 | H42 |
|ugacuagauuuuacacuuauUcu..... | 2 | 1 | H42 |
|uCacuagauuuuacacuuauccu..... | 2 | 1 | H42 |
|ugacuagauuuuacacuuauCÄu..... | 16 | 1 | H42 |
|ugacuagauuuuUacuuauccu..... | 2 | 1 | H42 |
|ugacuagauuuuacacuuauÄcu..... | 3 | 1 | H42 |
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|ugacuGgauuuuacacuuauccu..... | 2 | 1 | H42 |
|ugacuagauuuuacacuuagccu..... | 18 | 1 | H42 |
|ugacuagauuuuGcuuauccu..... | 4 | 1 | H42 |
|ugacuagauuuuacacuuauccA..... | 4 | 1 | H42 |
|ugacuagauuuuacGuaucuu..... | 1 | 1 | H42 |
|ugacuagauuuuacAuuauccu..... | 7 | 1 | H42 |
|uÄacuagauuuuacacuuauccu..... | 4 | 1 | H42 |
|ugGcuagauuuuacacuuauccu..... | 12 | 1 | H42 |
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|ugacuagauuuCcacuuauccu..... | 1 | 1 | H42 |
|ugUcuagauuuuacacuuauccu..... | 5 | 1 | H42 |
|ugacuagauÄuuacacuuauccu..... | 1 | 1 | H42 |
|ugacuagauuuacacuuauCÜu..... | 9 | 1 | H42 |
|ugacuagaCuuuacacuuauccu..... | 3 | 1 | H42 |
|ugacuagauuuuacacuGauccu..... | 13 | 1 | H42 |
|ugacuagauuuuacacuuauccuG..... | 3 | 1 | H42 |
|ugacuagauuuuacacuuagccuu..... | 1 | 1 | H42 |
|ugacuagauuuuacacuuauccuA..... | 9 | 1 | H42 |
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|ugacuagauuuuacacuuauccuu..... | 54 | 0 | H42 |
|ugacuagauuuuacacuuauccuC..... | 3 | 1 | H42 |
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|ugacuagauuuuacacuuauCguu..... | 1 | 1 | H42 |
|ugacuagauuuuacacuuauccuuA..... | 1 | 1 | H42 |
|ugacuagauuuuacacuuauccuuÜ..... | 38 | 1 | H42 |
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|acuagauuuuacacuuauccu..... | 1 | 0 | H42 |
|gguaggugacuuucuaaguuc..... | 1 | 0 | A53 |
|gguaggugacuuucuaaguucÜ..... | 1 | 1 | A53 |
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|ugacuagauuuuacacuuau..... | 1 | 0 | A53 |
|ugacuagauuuuacacuGaucc..... | 1 | 1 | A53 |
|ugacuagauuuuacacuuaucc..... | 17 | 0 | A53 |
|ugacuagauuuuacacuuaucc..... | 29 | 0 | A53 |
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|ugacuagauuuuacacuÄauccu..... | 2 | 1 | A53 |
|ugacuagauuuuÄacuuauccu..... | 1 | 1 | A53 |
|ugacuagauuuuGcuuauccu..... | 1 | 1 | A53 |
|ugCcuagauuuuacacuuauccu..... | 1 | 1 | A53 |
|ugacuagauuuuGacuuauccu..... | 1 | 1 | A53 |
|ugacuagauuuuacacuuauCÄu..... | 2 | 1 | A53 |
|ugacuagauuuCcacuuauccu..... | 1 | 1 | A53 |
|ugacuagauuuuacacuGauccu..... | 7 | 1 | A53 |
|ugacuÜgauuuuacacuuauccu..... | 1 | 1 | A53 |

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|----------------------------------------------------------------------------------------------------------------------|------|---|-----|
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|ugacuagauuuuacacuuauccu..... | 1836 | 0 | A53 |
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|ugacuagauuuuacacuuauccC..... | 2 | 1 | A53 |
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|ugacuagauuuuacacuuauAcu..... | 1 | 1 | A53 |
|ugacuagauuuuacacuCauccu..... | 6 | 1 | A53 |
|ugacuagauuuuacacuuauccuu..... | 17 | 0 | A53 |
|ugacuagauuuuacacuuauccuuU..... | 7 | 1 | A53 |
| | | | |
|gguaggugacuuucuauguuca..... | 1 | 0 | H62 |
|gguaggugacuuucuaagAuca..... | 1 | 1 | H62 |
|gguaggugacuuucuauguucaag..... | 1 | 0 | H62 |
|gguaggugacuuucuaagAucaag..... | 9 | 1 | H62 |
|Cugacuagauuuuacacuuauccu..... | 10 | 1 | H62 |
|ugacuagauuuuacacuuau..... | 4 | 0 | H62 |
|ugacuagauuuuacacuuauuc..... | 28 | 0 | H62 |
|ugacuGgauuuuacacuuaucc..... | 1 | 1 | H62 |
|ugacuagGuuuuacacuuaucc..... | 1 | 1 | H62 |
|ugacuagauuuuacacuuaucc..... | 70 | 0 | H62 |
|ugacuagauuuuUacuuaucc..... | 1 | 1 | H62 |
|ugacuagauuuuacGuuuauccu..... | 8 | 1 | H62 |
|ugaUuagauuuuacacuuauccu..... | 1 | 1 | H62 |
|ugacuagGuuuuacacuuauccu..... | 3 | 1 | H62 |
|ugacuagauuuuacacuAauccu..... | 6 | 1 | H62 |
|ugacAagauuuuacacuuauccu..... | 13 | 1 | H62 |
|ugacuagauuuuacacuuauccG..... | 11 | 1 | H62 |
|ugGcuagauuuuacacuuauccu..... | 11 | 1 | H62 |
|ugacuagauuuuacacuGauccu..... | 7 | 1 | H62 |
|ugacuagauuuAacacuuauccu..... | 1 | 1 | H62 |
|ugacuagauuuuacacUauccu..... | 1 | 1 | H62 |
|uAacuagauuuuacacuuauccu..... | 1 | 1 | H62 |
|ugacGagauuuuacacuuauccu..... | 12 | 1 | H62 |
|ugacuagauuuuacAUuuauccu..... | 3 | 1 | H62 |
|Cgacuagauuuuacacuuauccu..... | 1 | 1 | H62 |
|ugacCagauuuuacacuuauccu..... | 11 | 1 | H62 |
|ugacuagauuuuacacuuauAcu..... | 2 | 1 | H62 |
|ugacuagaCuuuuacacuuauccu..... | 2 | 1 | H62 |
|ugacuagauuuuGacuuauccu..... | 1 | 1 | H62 |
|ugacuagCuuuuacacuuauccu..... | 1 | 1 | H62 |
|ugCcuagauuuuacacuuauccu..... | 8 | 1 | H62 |
|uUacuagauuuuacacuuauccu..... | 1 | 1 | H62 |
|ugacuagauuuuUacuuauccu..... | 3 | 1 | H62 |
|uCacuagauuuuacacuuauccu..... | 2 | 1 | H62 |
|ugacuagauuuuacacGuauccu..... | 2 | 1 | H62 |
|ugacuagaGuuuuacacuuauccu..... | 1 | 1 | H62 |
|ugacuagauuuuacAUuuauccu..... | 2 | 1 | H62 |
|ugacuagauuuuacacuuacCccu..... | 2 | 1 | H62 |
|ugacuagauuuuucUcuuauccu..... | 1 | 1 | H62 |
|ugacuagauuuuacacuCauccu..... | 5 | 1 | H62 |
|ugacuaUauuuuacacuuauccu..... | 2 | 1 | H62 |
|ugacuagaAuuuuacacuuauccu..... | 1 | 1 | H62 |
|ugaAuagauuuuacacuuauccu..... | 1 | 1 | H62 |
|Ggacuagauuuuacacuuauccu..... | 1 | 1 | H62 |
|ugacuagauuuuacacuuauccC..... | 12 | 1 | H62 |
|ugUcuagauuuuacacuuauccu..... | 4 | 1 | H62 |
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|ugacuagauuuuacacuuauccA..... | 4 | 1 | H62 |
|ugacuagauuuuacacuuauacAu..... | 10 | 1 | H62 |
|ugacuagauuuuAacuuauccu..... | 2 | 1 | H62 |
|ugacuagUuuuuacacuuauccu..... | 2 | 1 | H62 |
|ugacuagauuuuGcacuuauccu..... | 1 | 1 | H62 |
|ugacuagauuuuucGcuuauccu..... | 1 | 1 | H62 |
|ugacuagauuuuAacuuuauccu..... | 2 | 1 | H62 |
|ugacuagauuuuacacuuauacGu..... | 4 | 1 | H62 |
|ugacuagauuuuacacuuacGccu..... | 17 | 1 | H62 |
|ugacuagauuuuacacuuauacUu..... | 6 | 1 | H62 |
|ugacuagauuuuacacuuauccu..... | 8855 | 0 | H62 |
|ugacuagauuuuacacuuauAccu..... | 11 | 1 | H62 |

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|---------------------------------------------------------------------------------------------------------------------|------|---|-----|
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|ugacuagauuuuacacuuauccuu..... | 34 | 0 | H62 |
|ugacuagauuuuacacuuauccuu..... | 1 | 1 | H62 |
|ugacuagauuuuacacuuauccuC..... | 4 | 1 | H62 |
|ugacuagauuuuacacuuauccuG..... | 2 | 1 | H62 |
|ugacuagauuuuacacuuauccuuU..... | 18 | 1 | H62 |
|ugacuagauuuuacacuuauccuuC..... | 1 | 0 | H62 |
|ugacuagauuuuacacuuauccuuU..... | 1 | 1 | H62 |
|ugacuagauuuuacacuuauccuuAa..... | 1 | 1 | H62 |
|gacuagauuuuacacuuauccu..... | 5 | 0 | H62 |
|gacuagauuuuacacuuauccuu..... | 1 | 0 | H62 |
|acuagauuuuacacuuauccu..... | 1 | 0 | H62 |
|ugacuagauuuuacacuuaucc..... | 1 | 0 | B14 |
|ugacGagauuuuacacuuauccu..... | 2 | 1 | B14 |
|ugCcuagauuuuacacuuauccu..... | 1 | 1 | B14 |
|Ggacuagauuuuacacuuauccu..... | 1 | 1 | B14 |
|ugacuagauuuuacacuuauccu..... | 1 | 1 | B14 |
|ugacuagauuuuacacuuauccu..... | 219 | 0 | B14 |
|ugacuagauuuuacacuuauccuu..... | 1 | 0 | B14 |
|ugacuagauuuuacacuuauccuC..... | 1 | 1 | B14 |
|gguaggugacuuucuaagAuca..... | 1 | 1 | A02 |
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|Augacuagauuuuacacuuauccu..... | 1 | 1 | A02 |
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|ugacuagauuuuacacuuaucc..... | 28 | 0 | A02 |
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|ugacuagCuuuuacacuuauccu..... | 1 | 1 | A02 |
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|ugCcuagauuuuacacuuauccu..... | 2 | 1 | A02 |
|ugacuagauuuuacacuuauccA..... | 1 | 1 | A02 |
|ugacuagauuuuacacuuauccC..... | 4 | 1 | A02 |
|ugacuagauuuuGcuuauccu..... | 1 | 1 | A02 |
|ugacuagauuuuacacuuauccu..... | 1225 | 0 | A02 |
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|ugacuagauuuuacacuuauccG..... | 2 | 1 | A02 |
|ugacuagauuuuacacuuauccu..... | 3 | 1 | A02 |
|ugacuagauuuuacacuuauccu..... | 3 | 1 | A02 |
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|ugacuaUauuuuacacuuauccu..... | 2 | 1 | H71 |
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|ugUcuagauuuuacacuuauccu..... | 5 | 1 | H71 |
|ugacuagUuuuuacacuuauccu..... | 3 | 1 | H71 |
|ugacuagaAuuuuacacuuauccu..... | 1 | 1 | H71 |
|ugacuagauuuuacacuuauccu..... | 2 | 1 | H71 |
|ugacuagauuuuacacuuauccu..... | 1 | 1 | H71 |
|ugacuagauuuuacacuuauccu..... | 1 | 1 | H71 |
|ugacuagauuuuacacuuauccu..... | 4801 | 0 | H71 |

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| | ugacuagauuuuacacuuauccu | | | 2 | 1 | H71 |
| | ugacuaAuuuuacacuuauccu | | | 1 | 1 | H71 |
| | Cgacuagauuuuacacuuauccu | | | 3 | 1 | H71 |
| | ugCcuagauuuuacacuuauccu | | | 5 | 1 | H71 |
| | ugacuagauuuucUcuuauccu | | | 3 | 1 | H71 |
| | ugacCagauuuuacacuuauccu | | | 5 | 1 | H71 |
| | ugGcuagauuuuacacuuauccu | | | 7 | 1 | H71 |
| | ugacuagauuuucaUuuauccu | | | 1 | 1 | H71 |
| | ugacuagauuuuacacuuauccu | | | 2 | 1 | H71 |
| | ugacuagauuuuacacuuAuccu | | | 4 | 1 | H71 |
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| | ugacuagauuuuacacGuaucuu | | | 1 | 1 | H71 |
| | ugacuagauuuuacacuuauccu | | | 2 | 1 | H71 |
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| | ugacuagauuuuacacuuAuccu | | | 2 | 1 | H71 |
| | ugacuagauuuuacacuuAuccu | | | 2 | 1 | H71 |
| | ugacuagauuuuacacuuAuccu | | | 7 | 1 | H71 |
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| | ugacuagGuuuuacacuuauccu | | | 4 | 1 | H71 |
| | ugacuagauuuuacacUauccu | | | 2 | 1 | H71 |
| | ugacGagauuuuacacuuauccu | | | 6 | 1 | H71 |
| | uAacuagauuuuacacuuauccu | | | 1 | 1 | H71 |
| | ugacuagauuuuacacuuauccC | | | 3 | 1 | H71 |
| | ugacuagauuuuacacuuauccAu | | | 7 | 1 | H71 |
| | ugacuagauuuuacacuuGauccu | | | 10 | 1 | H71 |
| | ugacuagauuCuacacuuauccu | | | 1 | 1 | H71 |
| | ugacuagauAuuacacuuauccu | | | 1 | 1 | H71 |
| | ugacuagauuuuacacuuauccuA | | | 1 | 1 | H71 |
| | ugacuagauuuuacacuuauccuG | | | 1 | 1 | H71 |
| | ugacuagauuuuacacuuauccuu | | | 14 | 0 | H71 |
| | ugacuagauuuuacacuuauccuuU | | | 6 | 1 | H71 |
| | ugacuagauuuuacacuuauccuuc | | | 1 | 0 | H71 |
| | acuagauuuuacacuuauccu | | | 1 | 0 | H71 |
| | cgacuaauugucuaaaggac | | | 1 | 0 | H34 |
| | acuauugucuaaaggac | | | 1 | 0 | H34 |
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| | gguaaggugacuuucuaaguuca | | | 1 | 0 | H34 |
| | gguaaggugacuuucuaaguucaa | | | 3 | 0 | H34 |
| | gguaaggugacuuucuaaguucaaC | | | 3 | 1 | H34 |
| | gguaaggugacuuucuaaguucaag | | | 1 | 0 | H34 |
| | Cugacuagauuuuacacuuauccu | | | 8 | 1 | H34 |
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| | ugacuagauuuuacacuuaucc | | | 1 | 1 | H34 |
| | ugacuagauuuucaAuuaucc | | | 1 | 1 | H34 |
| | ugGcuagauuuuacacuuaucc | | | 1 | 1 | H34 |
| | ugacuagauuuGcacuuaucc | | | 1 | 1 | H34 |
| | ugacuagauuuuacacuuauccA | | | 1 | 1 | H34 |
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| | ugacuagGuuuuacacuuauccu | | | 3 | 1 | H34 |
| | ugacuagauuuuacacuuGauccu | | | 7 | 1 | H34 |
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| | ugacuagauuuuacacuuauGcu | | | 1 | 1 | H34 |
| | ugacuagauuuucaAuuauccu | | | 11 | 1 | H34 |
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| | ugacuagauuuuacacuuauccu | | | 7683 | 0 | H34 |
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| | ugacuagauuuuacacuuAuccu | | | 6 | 1 | H34 |
| | ugacuagauuuuacacuuauccG | | | 5 | 1 | H34 |
| | ugacuagauuuuUacuuauccu | | | 3 | 1 | H34 |
| | ugacuaUuuuuacacuuauccu | | | 2 | 1 | H34 |
| | ugacuagauuuucaUuuauccu | | | 1 | 1 | H34 |
| | Cgacuagauuuuacacuuauccu | | | 3 | 1 | H34 |
| | ugacuagauuuuacacuuGuuccu | | | 2 | 1 | H34 |

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|----------------------------------------------------------------------------------------------------------------------|----|---|-----|
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|ugacuagauAuuacacuuauccu..... | 1 | 1 | H34 |
|ugacuagaAuuuacacuuauccu..... | 2 | 1 | H34 |
|ugacAagauuuuacacuuauccu..... | 3 | 1 | H34 |
|ugacuCgauuuuacacuuauccu..... | 2 | 1 | H34 |
|ugacuagauuuuacacCuuauccu..... | 1 | 1 | H34 |
|ugacuagauuuuacacuaAuccu..... | 5 | 1 | H34 |
|ugacuagauuuuacAGuuauccu..... | 9 | 1 | H34 |
|ugacuagauuuuacacuuauccC..... | 13 | 1 | H34 |
|ugacuGgauuuuacacuuauccu..... | 2 | 1 | H34 |
|ugacuagauuuuacacuCauccu..... | 2 | 1 | H34 |
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|ugacuagUuuuacacuuauccu..... | 4 | 1 | H34 |
|ugacuagauuuuacacuuAGccu..... | 11 | 1 | H34 |
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|ugacuagauuuuacGcuuauccu..... | 1 | 1 | H34 |
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|ugacuagauuuuacacuuauccA..... | 2 | 1 | H34 |
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|ugacuagauuCuacacuuauccu..... | 1 | 1 | H34 |
|ugacGagauuuuacacuuauccu..... | 17 | 1 | H34 |
|ugUcuagauuuuacacuuauccu..... | 3 | 1 | H34 |
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|ugacuagauuuuAacuuauccu..... | 3 | 1 | H34 |
|ugacuagauuuuacacuuauAuu..... | 7 | 1 | H34 |
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|ugacuagauuuuacacuuauccuC..... | 2 | 1 | H34 |
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|ugacuagauuuuacacuuAGccu..... | 1 | 1 | A64 |
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|ugacuagauAuuacacuuauccu..... | 1 | 1 | A64 |
|ugCcuagauuuuacacuuauccu..... | 1 | 1 | A64 |
|ugacuagauuuuacacuuauAuu..... | 3 | 1 | A64 |
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|ugacuagauuuuacacuuAaccu..... | 1 | 1 | A64 |
|ugacuagCuuuuacacuuauccu..... | 1 | 1 | A64 |
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|ugacuagauuuuacacuuauccA..... | 1 | 1 | A64 |
|ugacuaUauuuuacacuuauccu..... | 1 | 1 | A64 |
|uUacuagauuuuacacuuauccu..... | 2 | 1 | A64 |
|Ggacuagauuuuacacuuauccu..... | 1 | 1 | A64 |
|Agacuagauuuuacacuuauccu..... | 1 | 1 | A64 |
|ugacuagauuuuacacuuauGcu..... | 1 | 1 | A64 |
|ugacuagauuuuacacuaCauccu..... | 2 | 1 | A64 |

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|----------------------------------------------------------------------------------------------------------------------------|------|---|-----|
| uuuuucgcauguaocgacuaaauugucuaaauaggacgguaaggugacuuuucuaaguucaaguuuguuguuauucuugacuagauuuuucacuuuauccuucagagugagacgccgcuucu | | | |
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|ugacuGgauuuuucacuuauccu..... | 1 | 1 | A64 |
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|ugacuagauuuuucacuuauGGu..... | 4 | 1 | T71 |
|ugacuagauuuuucacuuGauccu..... | 13 | 1 | T71 |
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|Agacuagauuuuucacuuauccu..... | 1 | 1 | T71 |
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|ugacuagauGuucacuuauccu..... | 2 | 1 | T71 |
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|ugacuagauuuuucacuuauccG..... | 4 | 1 | T71 |
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|Cgacuagauuuuucacuuauccu..... | 1 | 1 | T71 |
|ugacuagauuuuucacuuAuccu..... | 4 | 1 | T71 |
|ugacuagauuuuucUuuauccu..... | 1 | 1 | T71 |
|ugacuagauuuuucacuuauccA..... | 2 | 1 | T71 |
|ugacuaAuuuuuucacuuauccu..... | 1 | 1 | T71 |
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|ugacuagauuuuucacuuauucUu..... | 1 | 1 | T71 |
|ugacuagauuuuucacuuauccuu..... | 6 | 0 | T71 |
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|ugacuagauuuuucacuuauccCu..... | 1 | 1 | T71 |
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|gacuagauuuuucacuuauccu..... | 2 | 0 | T71 |
|gacuagauuuuucacuuauccuu..... | 1 | 0 | T71 |
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|ugacuagauuuuucacuuauccu..... | 973 | 0 | A11 |
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|ugacuagCuuuuucacuuauccu..... | 1 | 1 | A11 |
| | | | |

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|-------------------------------------|------|---|-----|
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|ugacuagauuuCcacuuauccu..... | 1 | 1 | A11 |
|ugacuagaAuuuacacuuauccu..... | 1 | 1 | A11 |
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|ugacuagauuuuacacuuauccuG..... | 1 | 1 | A11 |
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|gacuagauuuuacacuuauccuuU..... | 1 | 1 | A11 |
| | | | |
|gguaggugacuuuucuaGaucaag..... | 3 | 1 | A44 |
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|Cugacuagauuuuacacuuauccu..... | 2 | 1 | A44 |
|ugacuagauuuuacacuuau..... | 1 | 0 | A44 |
|ugacuagauuuuacacuuau..... | 2 | 0 | A44 |
|ugacuagauuuuacacuuaucc..... | 12 | 0 | A44 |
|ugacuagauuuuacacuuauccc..... | 31 | 0 | A44 |
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|ugacuagauuuuacacuuauccGu..... | 2 | 1 | A44 |
|ugacuagauuuAuacacuuauccu..... | 1 | 1 | A44 |
|ugacuagaAuuuacacuuauccu..... | 1 | 1 | A44 |
|ugacuagauuuuacacuuauGccu..... | 1 | 1 | A44 |
|ugacuagauuuuGcuuauccu..... | 1 | 1 | A44 |
|ugacuagauuuuacacuuauccu..... | 2162 | 0 | A44 |
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|ugacuagauCuucacuuauccu..... | 1 | 1 | A44 |
|ugacuagauuuuacacuuauCccu..... | 1 | 1 | A44 |
|ugGcuagauuuuacacuuauccu..... | 5 | 1 | A44 |
|ugacuagauuuuacAUuuauccu..... | 1 | 1 | A44 |
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|ugacuagauuuuacacuCauccu..... | 3 | 1 | A44 |
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|ugacuagauuuuacacuuauUcu..... | 2 | 1 | A44 |
|ugacuagauuuuacacuuauAccu..... | 1 | 1 | A44 |
|ugacuagaCuuuacacuuauccu..... | 1 | 1 | A44 |
|ugacuagauuuuacacuGauccu..... | 8 | 1 | A44 |
|ugacuagauuuuacacuuauAcu..... | 3 | 1 | A44 |
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|ugacuagauuuuacacuAauccu..... | 4 | 1 | A44 |
|ugacuagauuuuacacuuauccuC..... | 2 | 1 | A44 |
|ugacuagauuuuacacuuauccuu..... | 18 | 0 | A44 |
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|ugacuagauuuuacacuuauccuuU..... | 12 | 1 | A44 |
| | | | |
|gguaggugacuuuucuaGucaag..... | 1 | 0 | A01 |
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|Cugacuagauuuuacacuuauccu..... | 2 | 1 | A01 |
|ugacuagauuuuacacuuaucc..... | 8 | 0 | A01 |
|ugacCagauuuuacacuuaucc..... | 1 | 1 | A01 |
|ugacuagauuuuacacuuauccc..... | 36 | 0 | A01 |
|ugacuagauuuuacacuuauAcc..... | 1 | 1 | A01 |
|uUacuagauuuuacacuuauccu..... | 3 | 1 | A01 |
|ugGcuagauuuuacacuuauccu..... | 1 | 1 | A01 |
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|ugacuagauuuuacacuuaucccC..... | 2 | 1 | A01 |

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|----------------------------------------------------------------------------------------------------------------------|----|---|-----|
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|ugacuagauuuuacacuuGauccu..... | 12 | 1 | A01 |
|ugacuagauuuGucacuuauccu..... | 1 | 1 | A01 |
|ugUcuagauuuuacacuuauccu..... | 4 | 1 | A01 |
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|ugacuagauuuuacacuuuAaccu..... | 2 | 1 | A01 |
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|ugacuagauuuuacacuuuAucc..... | 7 | 1 | E13 |
|ugacuagauuuuacacuuGauccu..... | 10 | 1 | E13 |
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|ugacuagCuuuuacacuuauccu..... | 1 | 1 | E13 |
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|ugacGagauuuuacacuuauccu..... | 6 | 1 | E13 |
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|ugacuUgauuuuacacuuauccu..... | 1 | 1 | E13 |
|ugacuagauuuuacacuuuAuccu..... | 2 | 1 | E13 |
|ugaGuagauuuuacacuuauccu..... | 2 | 1 | E13 |

Star

Mature

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|-----------------------------------------------------------------------------------------------------------------------|------|---|-----|
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| | | | |
|gggagggugacuuucuaaguucaa..... | 1 | 0 | E01 |
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Star

Mature

uuuuucgcauguaccgacuaaagucuaacauggacgggagggugacuuucuaagucaaguuuguuguaucuuugacuaaguuuuacacuuauccuucagaguagacgccgcuuucu

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|ugacuagauuuCucacuuauccu..... | 1 | 1 | B11 |
|ugCcuagauuuuacacuuauccu..... | 1 | 1 | B11 |
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|ugacuagauuuuacacuuaucc..... | 14 | 0 | A62 |
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|ugacuagauuuuacacuuauccu..... | 1 | 1 | A62 |
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|ugacuagauuuuacacuuauccu..... | 1 | 1 | A62 |
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Mature

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|ugacuagauuuuacacuuauccuu..... | 21 | 0 | A62 |
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|gacuagauuuuacacuuauccu..... | 1 | 0 | A62 |
|Uacuagauuuuacacuuauccu..... | 1 | 1 | A62 |
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|ugacCagauuuuacacuuaucc..... | 1 | 1 | E74 |
|ugacuagauuuuacacuuaucc..... | 26 | 0 | E74 |
|ugacCagauuuuacacuuauccu..... | 3 | 1 | E74 |
|ugacAagauuuuacacuuauccu..... | 5 | 1 | E74 |
|Agacuagauuuuacacuuauccu..... | 1 | 1 | E74 |
|ugacuagauuuuacacuuauccu..... | 1 | 1 | E74 |
|ugacuagauuuuacacuuauccu..... | 2 | 1 | E74 |
|ugacuagauuuuacacuuauccu..... | 3 | 1 | E74 |
|ugacuagauuuuacacuuauccC..... | 1 | 1 | E74 |
|Ggacuagauuuuacacuuauccu..... | 2 | 1 | E74 |
|ugacuagCuuuuacacuuauccu..... | 2 | 1 | E74 |
|ugacuagauuuuacacuuauccu..... | 1 | 1 | E74 |
|ugCcuagauuuuacacuuauccu..... | 1 | 1 | E74 |
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|ugacuAaauuuuacacuuauccu..... | 1 | 1 | E74 |
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|ugacuagauuuuacacuuauccu..... | 2798 | 0 | E74 |
|ugacuagauuuuacacuuauccGu..... | 2 | 1 | E74 |
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|ugacuagauuuuacacuuauccu..... | 2 | 1 | E74 |
|ugGcuagauuuuacacuuauccu..... | 3 | 1 | E74 |
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|ugUcuagauuuuacacuuauccu..... | 1 | 1 | E74 |
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|ugacuUgauuuuacacuuauccu..... | 1 | 1 | E74 |
|ugacuagauuuuacacuuauccu..... | 1 | 1 | E74 |
|ugacGagauuuuacacuuauccu..... | 2 | 1 | E74 |
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|ugacuagauuuuacacuuauccuA..... | 1 | 1 | E74 |
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|uUacuagauuuuacacuuauccu..... | 1 | 1 | A13 |
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|ugacuagauuuuacacuuauccA..... | 1 | 1 | A13 |
|ugacuagauuuuacacuuauccC..... | 2 | 1 | A13 |
|ugacuGgauuuuacacuuauccu..... | 1 | 1 | A13 |
|ugacuagauuuuacacuuauccu..... | 1 | 1 | A13 |

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|---------------------------------------------------------------------------------------------------------------------|------|---|-----|
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|ugacuagauuuuacacuuauAuu..... | 3 | 1 | A13 |
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|ugacuagauuuuacacuuauGcu..... | 1 | 1 | A13 |
|ugacuagauuuuacacuuAAccu..... | 1 | 1 | A13 |
|ugacuagauuuuacacuuauccG..... | 6 | 1 | A13 |
|ugacuagaAuuuacacuuauccu..... | 2 | 1 | A13 |
|ugacuagauuuuacacuuauccu..... | 1 | 1 | A13 |
|ugacuagauuuuUacuuauccu..... | 1 | 1 | A13 |
|ugacuagauuuuacacuuAuccu..... | 6 | 1 | A13 |
|ugacuagauuuuGacuuauccu..... | 1 | 1 | A13 |
|ugacuaCauuuuacacuuauccu..... | 2 | 1 | A13 |
|ugacuagauuuuacacuuauUcu..... | 1 | 1 | A13 |
|ugGcuagauuuuacacuuauccu..... | 2 | 1 | A13 |
|ugacuagUuuuuacacuuauccu..... | 1 | 1 | A13 |
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|ugacuagauuuuacacuuauccCu..... | 2 | 1 | A13 |
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|ugUcuagauuuuacacuuauccu..... | 1 | 1 | E72 |
|ugacuagauuuuacacuuauccA..... | 1 | 1 | E72 |
|ugacuagGuuuuacacuuauccu..... | 1 | 1 | E72 |
|ugacuagauuuuacacuuauAcu..... | 3 | 1 | E72 |
|ugacuagauuuuacacuuauUcu..... | 4 | 1 | E72 |
|ugacuagauuuuacacuuauUu..... | 1 | 1 | E72 |
|ugacuagauuuuacacuuuAccu..... | 1 | 1 | E72 |
|ugacuagauuuCucacuuauccu..... | 1 | 1 | E72 |
|ugacuagauuuuacacuuauccG..... | 4 | 1 | E72 |
|Agacuagauuuuacacuuauccu..... | 2 | 1 | E72 |
|ugacuagauuuuacacuuauccAuu..... | 2 | 1 | E72 |
|ugCcuagauuuuacacuuauccu..... | 1 | 1 | E72 |
|ugacuagauuuuacacuuauccu..... | 1 | 1 | E72 |
|ugacuUgauuuuacacuuauccu..... | 1 | 1 | E72 |
|ugacuagauuuuacacuuCauccu..... | 5 | 1 | E72 |
|ugacuagauuuuacacuuuAAccu..... | 3 | 1 | E72 |
|ugGcuagauuuuacacuuauccu..... | 5 | 1 | E72 |
|ugacuagauuuuacacuuauccC..... | 5 | 1 | E72 |
|ugacuagauuuuacacuuAuccu..... | 7 | 1 | E72 |
|ugacuagauuuuUacuuauccu..... | 2 | 1 | E72 |
|ugacuagauuuuacacuuGauccu..... | 15 | 1 | E72 |
|ugacuagauuuuacacuuauccu..... | 2981 | 0 | E72 |
|ugacuagauuuuacacuuauccCu..... | 1 | 1 | E72 |
|ugacuagauuuuacacuuauccuu..... | 9 | 0 | E72 |
|ugacuagauuuuacacuuauccuG..... | 2 | 1 | E72 |
|ugacuagauuuuacacuuauccuA..... | 1 | 1 | E72 |
|ugacuagauuuuacacuuauccuC..... | 1 | 1 | E72 |
|ugacuagauuuuacacuuauccuuU..... | 3 | 1 | E72 |
|gacuagauuuuacacuuauccu..... | 2 | 0 | E72 |
|acuagauuuuacacuuauccu..... | 1 | 0 | E72 |
|gguaggugacuuucuauguuc..... | 1 | 0 | E73 |
|Cugacuagauuuuacacuuauccu..... | 5 | 1 | E73 |
|ugacuagauuuuacacuuau..... | 1 | 0 | E73 |

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|------------------------------------------------------------------------------------------------------------------------|------|---|-----|
| uuuuucgcauguaccgacuaaagucuaacauggacgggagggugacuuucuauguucaaaguuuuguuguaucuuugacuaaguuuuacacuuauccuucagaguagacgccgcuucu | | | |
|ugacuagauuuuacacuuauuc..... | 22 | 0 | E73 |
|ugacuagauuuuacacuuauucc..... | 14 | 0 | E73 |
|ugacuagauuuuacacuuauucGu..... | 4 | 1 | E73 |
|ugacuaUauuuuacacuuauuccu..... | 1 | 1 | E73 |
|ugacuaCauuuuacacuuauuccu..... | 1 | 1 | E73 |
|ugacuagauuuuacacUauauccu..... | 2 | 1 | E73 |
|ugacuagauuuuacacuuuAuccu..... | 1 | 1 | E73 |
|ugacCagauuuuacacuuauuccu..... | 3 | 1 | E73 |
|Cgacuagauuuuacacuuauuccu..... | 1 | 1 | E73 |
|ugacuagauuuuUacuuauuccu..... | 1 | 1 | E73 |
|ugUcuagauuuuacacuuauuccu..... | 2 | 1 | E73 |
|ugacuagauuuuacacuuauucUu..... | 1 | 1 | E73 |
|ugacuagauuuuacacuuuAuccu..... | 3 | 1 | E73 |
|ugacuagauuuuacacuAauccu..... | 2 | 1 | E73 |
|ugacuagauuuuacacuuuGccu..... | 7 | 1 | E73 |
|ugCcuagauuuuacacuuauuccu..... | 5 | 1 | E73 |
|ugacuagauuuuacacuuauuccu..... | 2988 | 0 | E73 |
|ugacGagauuuuacacuuauuccu..... | 8 | 1 | E73 |
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|ugacuagauuuuAacuuauuccu..... | 1 | 1 | E73 |
|ugacuagauuuuacacuCauccu..... | 1 | 1 | E73 |
|ugacuaAauuuuacacuuauuccu..... | 1 | 1 | E73 |
|ugacuagauuuuacacuuUuccu..... | 1 | 1 | E73 |
|ugacuagauuuuacacuuauuccC..... | 3 | 1 | E73 |
|ugacuagauuuuacauuauuccu..... | 3 | 1 | E73 |
|ugacAagauuuuacacuuauuccu..... | 7 | 1 | E73 |
|ugacuagauuuuacacuGauccu..... | 5 | 1 | E73 |
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|ugacuagauuuuacacuuauuccG..... | 6 | 1 | E73 |
|ugacuagauuuuacauuauuccu..... | 1 | 1 | E73 |
|ugacuagauuuuacauuauuccu..... | 2 | 1 | E73 |
|ugGcuagauuuuacacuuauuccu..... | 4 | 1 | E73 |
|ugacuagauuuuacacuuauuccCu..... | 1 | 1 | E73 |
|ugacuagauuuuacacuuauuccuG..... | 2 | 1 | E73 |
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|acuagauuuuacacuuauuccu..... | 1 | 0 | E73 |
|gguaggugacuuucuaagAuc..... | 1 | 1 | E02 |
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|gguaggugacuuucuaagAucaag..... | 6 | 1 | E02 |
|Cugacuagauuuuacacuuauuccu..... | 8 | 1 | E02 |
|ugacuagauuuuacacuuu..... | 1 | 0 | E02 |
|ugacuagauuuuacacuuau..... | 1 | 0 | E02 |
|ugacuagauuuuacacuuauA..... | 1 | 1 | E02 |
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|ugGcuagauuuuacacuuauuc..... | 1 | 1 | E02 |
|ugacuagauuuuacacuGaucc..... | 1 | 1 | E02 |
|ugacuagauuuuacacuuauucU..... | 1 | 1 | E02 |
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|ugGcuagauuuuacacuuauuccu..... | 11 | 1 | E02 |
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|ugacuaUauuuuacacuuauuccu..... | 1 | 1 | E02 |
|ugUcuagauuuuacacuuauuccu..... | 3 | 1 | E02 |
|ugCcuagauuuuacacuuauuccu..... | 4 | 1 | E02 |
|ugacuagauuuuacacuuauucGu..... | 5 | 1 | E02 |
|ugacuagauuuuacacuuGuuccu..... | 1 | 1 | E02 |
|Agacuagauuuuacacuuauuccu..... | 1 | 1 | E02 |
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|ugacuagauuuuacacGuuauuccu..... | 1 | 1 | E02 |
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|ugacuagauuAaucacuuauuccu..... | 1 | 1 | E02 |
|ugacuagauuuuacacuuauuccC..... | 18 | 1 | E02 |
|ugacuagauuuuacacuuuAcu..... | 5 | 1 | E02 |
|ugacuagauuuuacacuuuAuccu..... | 3 | 1 | E02 |

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| uuuuucgcauguaccgacuaaauugucuaaauaggacgggagggugacuuucuauguucaaguuuuuguuauaucuuugacuaaguuuuacacuuauccuucagaguagacgccgcuucu | | | |
|ugacuGgauuuuacacuuauccu..... | 2 | 1 | E02 |
|Cgacuagauuuuacacuuauccu..... | 3 | 1 | E02 |
|Ggacuagauuuuacacuuauccu..... | 1 | 1 | E02 |
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|ugacuagauuuuacacuuauGcu..... | 6 | 1 | E02 |
|ugacuagauuuuacacuuUuccu..... | 1 | 1 | E02 |
|ugacuagGuuuuacacuuauccu..... | 3 | 1 | E02 |
|ugacuagauuuuacacuuAccu..... | 7 | 1 | E02 |
|ugacuagauuuuacacuuauUu..... | 6 | 1 | E02 |
|ugacuagauuuuacacuuuAGccu..... | 6 | 1 | E02 |
|ugacuagauuuuacacuuauccA..... | 8 | 1 | E02 |
|ugacuagauuuuUcuuauccu..... | 7 | 1 | E02 |
|ugacuagauuUcacuuauccu..... | 1 | 1 | E02 |
|ugacuagauuuUccacuuauccu..... | 1 | 1 | E02 |
|ugacAagauuuuacacuuauccu..... | 2 | 1 | E02 |
|ugacuagauuuuacacuuauUcu..... | 1 | 1 | E02 |
|ugacuagauuuuacacuuauccG..... | 18 | 1 | E02 |
|ugacuaCauuuuacacuuauccu..... | 1 | 1 | E02 |
|ugacuagauuuuUacuuauccu..... | 3 | 1 | E02 |
|ugacuagauuuuAcacuuauccu..... | 1 | 1 | E02 |
|ugaUuagauuuuacacuuauccu..... | 3 | 1 | E02 |
|ugacCagauuuuacacuuauccu..... | 3 | 1 | E02 |
|ugacuagUuuuuacacuuauccu..... | 1 | 1 | E02 |
|ugacuCGauuuuacacuuauccu..... | 1 | 1 | E02 |
|ugacuagaAuuuuacacuuauccu..... | 3 | 1 | E02 |
|ugacuagauuuuacacuuauccCu..... | 2 | 1 | E02 |
|ugacuagauuuuacacuuauccuu..... | 79 | 0 | E02 |
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|ugacuagauuuuacacuuauccuuU..... | 11 | 1 | E02 |
|Uacuagauuuuacacuuauccu..... | 1 | 1 | E02 |
|gacuagauuuuacacuuauccu..... | 5 | 0 | E02 |
|gacuagauuuuacacuuauccuuU..... | 1 | 1 | E02 |
|acuagauuuuacacuuauccu..... | 1 | 0 | E02 |
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|ugacuagauuuuacacuuau..... | 2 | 0 | B12 |
|ugacuagauuuuacacuuauU..... | 6 | 0 | B12 |
|ugacuagauuuuacacuuaucc..... | 23 | 0 | B12 |
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|ugacGagauuuuacacuuauccu..... | 5 | 1 | B12 |
|ugCcuagauuuuacacuuauccu..... | 2 | 1 | B12 |
|uUacuagauuuuacacuuauccu..... | 1 | 1 | B12 |
|ugacCagauuuuacacuuauccu..... | 6 | 1 | B12 |
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|ugacuagauuuuacacuAauccu..... | 1 | 1 | B12 |
|ugGcuagauuuuacacuuauccu..... | 2 | 1 | B12 |
|ugacuagauuuuacacuuauccG..... | 1 | 1 | B12 |
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|ugacuagauuuuacacuuuauGcu..... | 1 | 1 | B12 |
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|ugacuagauuuuacacuuuACccu..... | 1 | 1 | B12 |
|ugacuagauuuuacacuGauccu..... | 3 | 1 | B12 |
|ugacuagUuuuuacacuuuauccu..... | 2 | 1 | B12 |
|ugacuaUuuuuacacuuuauccu..... | 1 | 1 | B12 |
|ugacuagauuuuacacuuuauUu..... | 3 | 1 | B12 |
|ugacuagauuuuacacuuuauccA..... | 2 | 1 | B12 |
|ugacuagauuuuacacuuuAccu..... | 2 | 1 | B12 |
|ugacuagauuuuGcuuauccu..... | 1 | 1 | B12 |
|ugacuagauuuuacacuuuauccC..... | 4 | 1 | B12 |
|ugacuagauuuuacacuuuauccuG..... | 2 | 1 | B12 |
|ugacuagauuuuacacuuuauccuu..... | 12 | 0 | B12 |

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| uuuuucgcauguaccgacuaaugucuaacauggacgggagggugacuuucuaagucaaguuuguuguaucuuugacuaaguuuuacuuuauccuucagaguagacgccgcuucu | | | |
|ugacuagauuuuacacuuauccuA..... | 1 | 1 | B12 |
|ugacuagauuuuacacuuauccuuU..... | 3 | 1 | B12 |
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|gguaggugacuuucuaagucaaaC..... | 1 | 1 | A51 |
|Gugacuagauuuuacacuuauccu..... | 1 | 1 | A51 |
|Cugacuagauuuuacacuuauccu..... | 1 | 1 | A51 |
|ugacuagauuuuacacuuaucc..... | 19 | 0 | A51 |
|ugacuagauuuuacacuuaucc..... | 1 | 1 | A51 |
|ugacuagauuuuacacuuauccA..... | 1 | 1 | A51 |
|ugacuagauuuuacacuuaucc..... | 39 | 0 | A51 |
|ugacuagauuuuacacuuauccu..... | 2 | 1 | A51 |
|ugacuagauuuuacacuuauccu..... | 1 | 1 | A51 |
|Cgacuagauuuuacacuuauccu..... | 2 | 1 | A51 |
|ugacuagauuuuacacuuauccu..... | 6 | 1 | A51 |
|ugacuagauuuuacacuuauccG..... | 2 | 1 | A51 |
|ugacuagauuuuacacuuauccu..... | 2 | 1 | A51 |
|ugacuagauuuuacacuuauccu..... | 1791 | 0 | A51 |
|ugCcuagauuuuacacuuauccu..... | 1 | 1 | A51 |
|ugacuagauuuuacacuuauccu..... | 4 | 1 | A51 |
|ugacuagauuuuacacuuauccAu..... | 3 | 1 | A51 |
|uUacuagauuuuacacuuauccu..... | 1 | 1 | A51 |
|ugacuagauuuuacacuuauccu..... | 1 | 1 | A51 |
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|ugacuagauuuuacacuuauccu..... | 1 | 1 | A51 |
|ugGcuagauuuuacacuuauccu..... | 4 | 1 | A51 |
|ugacuagauuuuacacuuauccu..... | 1 | 1 | A51 |
|Agacuagauuuuacacuuauccu..... | 1 | 1 | A51 |
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|ugacuagauuuuacacuuauccu..... | 3 | 1 | A51 |
|ugUcuagauuuuacacuuauccu..... | 1 | 1 | A51 |
|ugacuagauuuuacacuuauccGu..... | 2 | 1 | A51 |
|ugacuagauuuuacacuuauccu..... | 1 | 1 | A51 |
|ugacuagauuuuacacuuauccu..... | 1 | 1 | A51 |
|ugacuagauuuuacacuuauccC..... | 5 | 1 | A51 |
|uCaacuagauuuuacacuuauccu..... | 1 | 1 | A51 |
|ugacuagauuuuacacuuauccA..... | 1 | 1 | A51 |
|ugacuagauuuuacacuuauccCu..... | 2 | 1 | A51 |
|ugacuagauuuuacacuuauccuA..... | 6 | 1 | A51 |
|ugacuagauuuuacacuuauccuu..... | 8 | 0 | A51 |
|ugacuagauuuuacacuuauccuuU..... | 12 | 1 | A51 |
|ugacuagauuuuacacuuauccuuAa..... | 1 | 1 | A51 |
|gacuagauuuuacacuuauccuu..... | 1 | 0 | A51 |