



| 5' | obs | | | |
|---|-----|-----|-------|----|
| | -3' | exp | reads | mm |
| augcuaaaauagcaaaauaaucuaaaaagaccaugcuaugaagucuggaauuggguuacagcguuauucgcguuuuauacuccguuccagagauucuuuuauuguggucacuaac | | | | |
| augcuaaaauagcaaaauaaucuaaaaagaccaugcuaugaagucuggaauuggguuauacagcguuauucgcguuuuauacuccguuccagagauucuuuuauuguggucacuaac | | | | |
| .((((((...)))))).....(((((((.(.(((.(((((((((((((((((((.(.(((...)))))))))).)))))))))).)))))).))))))..... | | | | |
|aagucuggaauuggguuUac..... | 1 | 1 | s16 | |
|uuauucgcguuuuauacuccguuccagagauuu..... | 1 | 0 | s16 | |
|uuuauacuccguuccagagau..... | 1 | 0 | s16 | |
|uuuauacuccguuccagagau..... | 2 | 0 | s16 | |
|uuuauacuccguuccagagauC..... | 1 | 1 | s16 | |
|uuuauacuccguuccagagauuu..... | 6 | 0 | s16 | |
|uuuauacuccguuccagaCcu..... | 1 | 1 | s16 | |
|uuuauacuccguuccagagauCu..... | 3 | 1 | s16 | |
|uuuauacuccguuccagagauuu..... | 9 | 0 | s16 | |
|uuuauacuccguuCAgagauuu..... | 1 | 1 | s16 | |
|uuuauacuccguuccagagauuuG..... | 1 | 1 | s16 | |
|uuuauacuccguuccagagauuu..... | 22 | 0 | s16 | |
|uuuauacuccguuccagagauuuC..... | 1 | 1 | s16 | |
|uuuauacuccguuccagagauuuCA..... | 10 | 1 | s16 | |
|aagucuggaauuggguuUac..... | 2 | 1 | s05 | |
|uuuauacuccguuccagagau..... | 1 | 0 | s05 | |
|uuuauacuccguuccagagauC..... | 1 | 1 | s05 | |
|uuuAGuccguuccagagauuu..... | 1 | 1 | s05 | |
|uuuauacuccguuccagagauuu..... | 8 | 0 | s05 | |
|uuuauacuccguuccagagauuuA..... | 2 | 1 | s05 | |
|uuuauacuccguuccagagauuu..... | 6 | 0 | s05 | |
|uuuauacuccguuccagagauuuU..... | 2 | 1 | s05 | |
|uuuauacCccguuccagagauuu..... | 1 | 1 | s05 | |
|uuuauacuccguuccagagauuuAu..... | 1 | 1 | s05 | |
|uuuauacuccguuccagagauuu..... | 23 | 0 | s05 | |
|uuuauacuccguuccagagauuuA..... | 6 | 1 | s05 | |
|uuuauacuccguuccagagauuuC..... | 7 | 1 | s05 | |
|uuauacuccguuccagagauuu..... | 2 | 0 | s05 | |
|uuuauacuccguuccagagauC..... | 2 | 1 | s02 | |
|uuuauacuccguuccagagauCc..... | 5 | 1 | s02 | |
|uuuauacuccguuccagaC..... | 3 | 1 | s02 | |

Star

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augcuaaaauagcaaaauaacuaaaaagaccaugcuaugaagagucuggauggguuaacagcuuaucgcuuuuaacuccguuccagauucuuauugggucacucac

| | | | |
|-----------------------------------|-----|---|-----|
|Guuaacuccguuccagau..... | 1 | 1 | s02 |
|uuuaacuccguuccagau..... | 25 | 0 | s02 |
|uuuaacuccguuccGgau..... | 2 | 1 | s02 |
|uuuaacuccguuccagGu..... | 1 | 1 | s02 |
|uuuaacuccguuccagGuc..... | 4 | 1 | s02 |
|uuuaaUuccguuccagauC..... | 1 | 1 | s02 |
|CuuaacuccguuccagauC..... | 1 | 1 | s02 |
|GuuaacuccguuccagauC..... | 1 | 1 | s02 |
|uuuaacuccguuccagauA..... | 2 | 1 | s02 |
|uuuaacuccguuccGagauC..... | 2 | 1 | s02 |
|uuuaacuccgCuccagauC..... | 1 | 1 | s02 |
|uuuaacuccguuccagauC..... | 66 | 0 | s02 |
|uuuaacuccguuccUgauC..... | 1 | 1 | s02 |
|uuuaacuccguuccagauU..... | 5 | 1 | s02 |
|uuuaacuccguuccagauG..... | 1 | 1 | s02 |
|uuuaacuccguuccAagauC..... | 1 | 1 | s02 |
|uuuaacuccAuuccagauCu..... | 2 | 1 | s02 |
|GuuaacuccguuccagauCu..... | 1 | 1 | s02 |
|uuuaacuccguuccagauCu..... | 1 | 1 | s02 |
|uuuGacuccguuccagauCu..... | 1 | 1 | s02 |
|uuuaacuccguuccagauCu..... | 282 | 0 | s02 |
|uuuaacuccguuccagauA..... | 50 | 1 | s02 |
|uuuaGcuccguuccagauCu..... | 1 | 1 | s02 |
|uuuaacuccUguuccagauCu..... | 1 | 1 | s02 |
|uuuaacCccguuccagauCu..... | 2 | 1 | s02 |
|uuuaacuccguuccagauCC..... | 39 | 1 | s02 |
|uuuaacuccguuccagGucU..... | 3 | 1 | s02 |
|uuuaacuccguuccagauAu..... | 1 | 1 | s02 |
|CuuaacuccguuccagauCu..... | 2 | 1 | s02 |
|uCuuaacuccguuccagauCu..... | 1 | 1 | s02 |
|uuuaacuccguuccUagauCu..... | 1 | 1 | s02 |
|uuuaacuccguuccagauUu..... | 2 | 1 | s02 |
|uuuaacCuAagguuccagauCu..... | 1 | 1 | s02 |
|uuuaacuccguuccagaCCu..... | 1 | 1 | s02 |
|uuuaacGccguuccagauCu..... | 1 | 1 | s02 |
|uuuaacuccguuccagauCG..... | 5 | 1 | s02 |
|uuuaacuccguuccGgauCu..... | 2 | 1 | s02 |
|uuuaacuccguuccagauCu..... | 2 | 1 | s02 |
|uuuaacuccguuccagauAu..... | 1 | 1 | s02 |
|uuuaacuccguuccagauCu..... | 8 | 0 | s02 |
|uuuaacuccguuccagauCuA..... | 7 | 1 | s02 |
|uuuaacuccguuccagauCuC..... | 30 | 1 | s02 |
|uuuaacuccguuccagauCuCC..... | 74 | 1 | s02 |
|uuuaacuccguuccagauCuA..... | 1 | 1 | s02 |
|uuuaacuccguuccagauCuuc..... | 1 | 0 | s02 |
|uuuaacuccguuccagauCuucu..... | 1 | 0 | s02 |
|uuuaacuccguuccagauCuCCu..... | 2 | 1 | s02 |
|uuuaacuccguuccagauCu..... | 2 | 0 | s02 |
|uuuaacuccguuccagauCu..... | 2 | 0 | s11 |
|uuuaacuccguuccGagauCu..... | 1 | 1 | s11 |
|uuuaacuccguuccagauCu..... | 2 | 0 | s11 |
|aagucuggauggguUac..... | 1 | 1 | s17 |
|uuuaacuccguuccagauC..... | 1 | 0 | s17 |
|uuuaacuccguuccagauCu..... | 2 | 0 | s17 |
|uuuaacuccguuccagauCC..... | 1 | 1 | s17 |
|uuuaacuccguuccagauCuCC..... | 1 | 1 | s17 |
|uuuaacuccguuccagauCC..... | 2 | 1 | s03 |
|uuuaacuccguuccagauCu..... | 2 | 0 | s03 |
|AuuaacuccguuccagauCu..... | 1 | 1 | s03 |
|uuuaacuccguuccagauCuuc..... | 9 | 0 | s03 |
|uuuaacuccguuccagauCuCC..... | 1 | 1 | s03 |
|uuuaacuccguuccagauCuA..... | 3 | 1 | s03 |
|uuuaacuccguuccagauCuucu..... | 23 | 0 | s03 |
|uuuaacuccguuccagauCuucC..... | 1 | 1 | s03 |
|uuuaacuccguuccagauCuucA..... | 18 | 1 | s03 |
|uuuaacuccguuccagauCuucu..... | 2 | 1 | s03 |
|uuuaacuccguuccagauCuucA..... | 1 | 1 | s03 |

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| | | | |
|--|----|---|-----|
| augcuaaaauagcaaaauaacuaaaaagaccaugcuauaagagucugggauggguuaacagcuuaucgcuuuuuaacuccguuccagauucuuauuguggucacuauc | | | |
|uuuaacuccguuccagauucAua..... | 1 | 1 | s03 |
|uuuaacuccguuccagauucU..... | 1 | 0 | s03 |
|uuuaacuccguuccagauucG..... | 1 | 1 | s03 |
|uuuaacuccguuccagauuc..... | | | |
|uuuaacuccguuccagauuc..... | 1 | 0 | s10 |
|uuuaacuccguuccagau..... | 3 | 0 | s10 |
|uuuaacuccguuccagauC..... | 2 | 0 | s10 |
|uuuaacuccguuccagauucU..... | 5 | 0 | s10 |
|uuuaacuccguuccagauuc..... | 25 | 0 | s10 |
|uuuaacuccguuccagauucA..... | 2 | 1 | s10 |
|uuuaacuccguuccagauucU..... | 7 | 1 | s10 |
|uuuaacuccguuccagauucA..... | 18 | 1 | s10 |
|uuuaacuccguuccagauucU..... | 51 | 0 | s10 |
|uuuaacuccguuccagauucC..... | 6 | 1 | s10 |
|uuuaacuccguuccagauuc..... | | | |
|uuuaacuccguuccagauuc..... | 2 | 0 | s04 |
|aagucugggauggguuUac..... | 1 | 1 | s14 |
|uuuaacuccguuccagau..... | 1 | 0 | s14 |
|uuuaacuccguuccagauC..... | 9 | 0 | s14 |
|uuuaacuccguuccagauC..... | 1 | 1 | s14 |
|uuuaacuccguuccagauA..... | 3 | 1 | s14 |
|uuuaacuccguuccagauuc..... | 10 | 0 | s14 |
|uuuaacuccguuccagauucU..... | 4 | 0 | s14 |
|uuuaacuccguuccagauucC..... | 4 | 1 | s14 |
|uuuaacuccguuccagauucCc..... | 4 | 1 | s14 |
|uuuaacuccguuccagauuc..... | 2 | 0 | s14 |
|uuuaacuccguuccagauucU..... | 5 | 0 | s14 |
|uuuaacuccguuccagauucA..... | 4 | 1 | s14 |
|uuuaacuccguuccagauucA..... | 1 | 1 | s08 |
|uuuaacuccguuccagauucU..... | 1 | 0 | s08 |
|uuuaacuccguuccagauucU..... | | | |
|uuuaacuccguuccagauucU..... | 2 | 0 | s19 |
|uuuaacuccguuccagauucU..... | | | |
|uuuaacuccguuccagauucU..... | 1 | 0 | s13 |
|uuuaacuccguuccagauucCc..... | 1 | 1 | s13 |
|aagucugggauggguuUac..... | 3 | 1 | s12 |
|uuuaacuccguuccagau..... | 4 | 0 | s12 |
|uuuaacuccguuccagauC..... | 5 | 0 | s12 |
|uuuaacuccguuccagauA..... | 1 | 1 | s12 |
|uuuaacuccguuccagauuc..... | 8 | 0 | s12 |
|uuuaacuccguuccagauA..... | 1 | 1 | s12 |
|uuuaacuccguuccagauC..... | 3 | 1 | s12 |
|uuuaacuccguuccagauucU..... | 17 | 0 | s12 |
|uuuaacuccguuccagauuc..... | 3 | 1 | s12 |
|uuuaacuccguuccagauucU..... | 2 | 1 | s12 |
|uuuaacuccguuccagauucU..... | 5 | 1 | s12 |
|uuuaacuccguuccagauuc..... | 9 | 0 | s12 |
|uuuaacuccguuccagauucU..... | 1 | 1 | s12 |
|uuuaacuccguuccagauucC..... | 9 | 1 | s12 |
|CuuaacuccguuccagauucU..... | 2 | 1 | s12 |
|uuuaacuccguuccagauucG..... | 2 | 1 | s12 |
|uuuaacuccguuccagauucA..... | 35 | 1 | s12 |
|uuuaacuccguuccaAaauucU..... | 1 | 1 | s12 |
|uuuaacuccguuccagauucU..... | 1 | 1 | s12 |
|uuuaacuccguuccagUucUucU..... | 2 | 1 | s12 |
|uuuaacuccguuccagaCcuucU..... | 1 | 1 | s12 |
|uuuaacuccguuccagauucU..... | 51 | 0 | s12 |
|uuuaacuccguuccagauuc..... | 1 | 0 | s12 |
|uuuaacuccguuccagauucU..... | 2 | 0 | s12 |
|uuuaacuccguuccagauucC..... | 1 | 1 | s12 |
|uuuaacuccguuccagauucU..... | 1 | 1 | s12 |
|uuuaacuccguuccagauuc..... | | | |
|uuuaacuccguuccagauuc..... | 1 | 0 | s09 |
|uuuaacuccguuccagauucA..... | 1 | 1 | s09 |
|uuuaacuccguuccagauucU..... | 1 | 1 | s09 |
|uuuaacuccguuccagaAcuucU..... | 1 | 1 | s09 |
|uuuaacuccguuccagauucU..... | 1 | 1 | s09 |

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|--|---|-------------------|----|---|-----|
| augcuaaaauagcaaaauaucuaaaaagaccaugcuauga | aagucugggauggguuaacagcuuaucgcuuuuacuccguuccagau | cucuuauugugguacac | | | |
|uuu | aaacuccguuccagau | cuc..... | 14 | 0 | s09 |
|uuu | aaacuccguuccagau | cucC..... | 2 | 1 | s09 |
|uuu | aaacuccguuccagau | cucA..... | 9 | 1 | s09 |