```
logo
NTDB id 1475 Cj0275 YP 002343717.1      MEFLSIGVKIMPRKCSFCNEVENPQRRILANENDDAFICEYCVEGAYSIIYGEEKEFKEPKQSHNTEFKDITPKELKAYLDRYVI   85
NTDB id 379 SMU RS04375 WP 002262816.1  ..MAGNRTNDVTVHCSFCGKNQDEVKKIIA..GNGVFICNECVELSQEIIREELAEEVLA.....DLSEVPKPKELLAILDSYVI   76
consensus                               **         ** *!!!!      * **!*!**    !!!   !!!     !!   !   !    ******      * !!!! ! !! !!!

logo
NTDB id 1475 Cj0275 YP 002343717.1      GQDRAKKVFSVGVYNHYKRLFKAELQ.DDDTELFKSNILLVGPTGSGKTLLAQTLAKFLDVPIAICDATSLTEAGYVGEDVENIL  169
NTDB id 379 SMU RS04375 WP 002262816.1  GQDRAKRALAVAVYNHYKRISFTESQDDQDVDLQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATALTEAGYVGEDVENIL  161
consensus                               !!!!!!*   !*!!!!!!!*   ! !*! ! *! !!!!!**!!!!!!!! !!!!!!! ! !! !!*!!! !!!!!!!!!!!!!!!

logo
NTDB id 1475 Cj0275 YP 002343717.1      TRLLQAADGDVQRAQKGIVFIDEIDKIARMSENRSITRDVSGEGVQQALLKIIEGSLVNIPPRGGRKHPNQEFIQIDTSNILFVC  254
NTDB id 379 SMU RS04375 WP 002262816.1  LKLIQAADYNVERAERGIIYVDEIDKIAKKGENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHPQQEMIQIDTKNILFIV  246
consensus                                *!*!!!!   ! !!  *!!***!!!!!!!*  !! !!!!!!!!!!!!!!!!!!!!!**  *!! !!!!!!*!! !!!!! !!!!**

logo
NTDB id 1475 Cj0275 YP 002343717.1      GGAFDGLETILKRKLGDKVVGFFDDAKE..ENKALLEKIEPDDLVHFGLIPELIGRLHVIASLNELNEEDMVRILTEPKNAIIKQ  337
NTDB id 379 SMU RS04375 WP 002262816.1  GGAFDGIEDIVKQRLGEKIIGFGQNNKKIDDQSSYMQEIISEDIQKFGLIPEFIGRLPVLAALEQLTVDDLVKILTEPKNALVKQ  331
consensus                               !!!!!!*! !*! *!!*!**!!    ! ****   *  ! **!* *!!!!!! !!!! !*! !   !   *!*!*!!!!!!!**!!

logo
NTDB id 1475 Cj0275 YP 002343717.1      YQKLFAIDGVNLKFEEDALRAIAQLALERKTGARGLRSIIEEMMVDLMFELPEYKDYDIVIT.KEVVKDNAKALLIKRKIS  417
NTDB id 379 SMU RS04375 WP 002262816.1  YQTLLSYDGVELEFDQEALQAIAQKAIERKTGARGLRSIIEETMLDLMFEIPSQEDVTCVRITKKAVEGTDKPILETAS..  410
consensus                               !! !   !!! ! !* *!! !!!! !*!!!!!!!!!!!!!!! !*!!!!!*!   !  *!  *!  !    !**!    **
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X non conserved

X similar

X $\geq$ 50% conserved