```
logo
NTDB id 423035 GE561 RS11755 WP 013310358.1  MDNKNEHTVDSQQMKMNQRGPMGNGPAGGSGAGEKANNFKKTISQLVSYSKAYVPMIILAMVLALVGSTLNVIGPDKLSD   80
NTDB id 370 SMU RS04260 WP 002263294.1       ..................................MENKKKSLLSQMAPYLKGYKALFGLAVIFTIVSSTITVIGPDRLKE   46
consensus                                    ********************************  !  !  *!!* *! !*! **  !!**  *! !!* !!!!!*! *

logo
NTDB id 423035 GE561 RS11755 WP 013310358.1  IANLIQEGIVTGIDVSAVQKIVLVLALLYGFGLIFNYSQGFITATVSQRLTKKMRTELSRKIDHMPLKYFDSTSYGNVLS  160
NTDB id 370 SMU RS04260 WP 002263294.1       MTDTMTKGLAGKIDLDKIGEIALTLALLYFAGALVSYTASFIVSTLIQKFSQRLRNAIADKINKVPLKYFDSHSQGDTLS  126
consensus                                    *   *  !*   !!*  *  ! ! !!!!!  ! *  !*  !!  !* !* * **!  *  !! **!!!!!!!*! !  !!

logo
NTDB id 423035 GE561 RS11755 WP 013310358.1  RVTNDVDTIGQTLNNSLGTLVSALATFVGALIMMLYTNWIMTVTGIIATLIGFCLMSVIMKHSQRYFVAQQAELGQINGH  240
NTDB id 370 SMU RS04260 WP 002263294.1       RVTNDVDLMTQSFNQSLVSMVAAIILLIGSIFMMIKTNGALAATAILSVFAGFVLSTVIMAKSQPLFKKQQANLADVSGY  206
consensus                                    !!!!!!! * !* !*!! **! !*   *! * !!* !!  *  !*!*    !!*! *!!! *!!* !  !!! !* * !*

logo
NTDB id 423035 GE561 RS11755 WP 013310358.1  IEETYAGHNVVKVYNGEQAAKEVFHGINSRLYTNAWKSQFMSGLMMPVMMFIGNFGYVAVCVVGALLVNQQTITIGTIVA  320
NTDB id 370 SMU RS04260 WP 002263294.1       VEEVYSGHNVVSSYNAIQQSKKQFENLNDQLFASMWKSQFFSGIMMPLMQFIGNFGYVMVCIVGATMAINGDITMGTIVA  286
consensus                                    *!! ! !!!!!  !!* !  !  !* *!  !*   !!!!! !!*!!!*! !!!!!!!! !!*!!! *  *  !!*!!!!!

logo
NTDB id 423035 GE561 RS11755 WP 013310358.1  FMVYIRLFTQPLSQLAQAATNLQSAAAASERVFEFLGEEELADERHKTIKLDTAKGDVEFKHVRFGYNTDRMIIKDFSMK  400
NTDB id 370 SMU RS04260 WP 002263294.1       FMTYVRIFTQPIAQIAQGITQLQSANAAMGRVFEFLDEEEIEDENHKVKQLEKVEGNVNFDNVFFGYSPDKTIIHDFSAH  366
consensus                                    !! !*!*!!!!* !*!!* !*!!!! !!  !!!!!! !!!* !! !!   !*   ! ! ! *! !!! *!* !!*!!! *

logo
NTDB id 423035 GE561 RS11755 WP 013310358.1  AEAGQKIAIVGPTGAGKTTLVNLLMRFYELNDGEIYIDGTPISQLTRENIHELFCMVLQDTWLFEGTIRDNIVFSKDHVT  480
NTDB id 370 SMU RS04260 WP 002263294.1       AKAGQKIAIVGPTGAGKTTIVNLLMRFYEVDRGMISIDGVNIHDMTRKEVHDAFAMVLQDTWLFEGTVKENLIYNQKHIT  446
consensus                                    ! !!!!!!!!!!!!!!!!!*!!!!!!!!!*  ! ! !!!  *!* *!!   *!* !*!!!!!!!!!!!!!***!***   !*!

logo
NTDB id 423035 GE561 RS11755 WP 013310358.1  DEQVETACKAVGLHSFIKTLPQGYDTVLDDKANLSAGQKQLITIARAMIEDSPMLILDEATSSVDTRTELLIQQAMDQLT  560
NTDB id 370 SMU RS04260 WP 002263294.1       DEQVIAAAKAVGVHHFIKTLPKGYDTVLDDSVTLSVGQKQLLTIARALLKDAPLLILDEATSSVDTRTEELIQRAMDHLM  526
consensus                                    !!!!  !*!!!!*!*!!!!!! !!!!!!!!   !! !!!!!*!!!!!** ! !*!!!!!!!!!!!!!!! !!! !!!*!
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logo
                                                  VGRTSFVIAHRLSTIRNADLILVMRDGNIIEQGSHEQLMAKNGFYADLYNSQFTHEV
                                                  EGKTSFVIAHRLSTIKNADLILVMKDGDIIEMGNHEELLAEGGFYADLYNSQFEEASA
NTDB id 423035 GE561 RS11755 WP 013310358.1  VGKTSFVIAHRLSTIKNADLILVMKDGDIIEMGNHEELLAKGGFYADLYNSQFEHAS.   617
NTDB id 370 SMU RS04260 WP 002263294.1       EGRTSFVIAHRLSTIRNADLILVMRDGNIIEQGSHDQLMAENGFYADLYNSQFTEEVA   584
consensus                                     !*!!!!!!!!!!!!*!!!!!!!!*!! !!! ! !* !*!  !!!!!!!!!!! *  *
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X non conserved

X similar

X $\geq$ 50% conserved