```
logo
NTDB id 284234 C8077 RS00545 WP 055054905.1  MPRGMGRGRGAVEKPKDFGGVMKKLVKFCSRYIPVMIFALVLGAAGTVCQIIGPDKLKDMTNEITKGLPAMVHGKPVMNS   80
NTDB id 370 SMU RS04260 WP 002263294.1       .............MENKKKSLLSQMAPYLKGYKALFGLAVIFTIVSSTITVIGPDRLKEMTDTMTKGLAG.........K   58
consensus                                    ************ *     **  * ***  ! **   !**     * * *!!!!*!!*!!  *!!!!***********

logo
NTDB id 284234 C8077 RS00545 WP 055054905.1  IDMDAVSRIAWLLVALYVGYALLSYLQSWLMANVTQRTAQQLREAISQKINRLPLKYFDKVSYGDVLSRITNDVDAIGQT  160
NTDB id 370 SMU RS04260 WP 002263294.1       IDLDKIGEIALTLALLYFAGALVSYTASFIVSTLIQKFSQRLRNAIADKINKVPLKYFDSHSQGDTLSRVTNDVDLMTQS  138
consensus                                    !!*! *  !!  !  !! * !!*!!  !***  * !*  ! !! !!  !!!**!!!!!! *! !! !!!*!!!!! * !*

logo
NTDB id 284234 C8077 RS00545 WP 055054905.1  LGQSVGSLITSVTLFFGALIMMFYNNVTMTLCAIGSALLGLIIMGVIMKVSQKYFTRQQVALGDVNGHVEEMYTGHTVVK  240
NTDB id 370 SMU RS04260 WP 002263294.1       FNQSLVSMVAAIILLIGSIFMMIKTNGALAATAILSVFAGFVLSTVIMAKSQPLFKKQQANLADVSGYVEEVYSGHNVVS  218
consensus                                      !!* !**  * !  ! * !!   !  *  *!! !   ! **  !!!  !!* ! *!!  !*!! !*!!!*!*!! !!

logo
NTDB id 284234 C8077 RS00545 WP 055054905.1  AYCGEERSIEQFEKYNNDLYVSGWKSQFLSGLMMPIMNFVGNFGYVVVCVVGAVLAMDGKIEFGVIVAFMMYIRLFTQPL  320
NTDB id 370 SMU RS04260 WP 002263294.1       SYNAIQQSKKQFENLNDQLFASMWKSQFFSGIMMPLMQFIGNFGYVMVCIVGATMAINGDITMGTIVAFMTYVRIFTQPI  298
consensus                                     !**   !  !!!  !  !* ! !!!!! !!*!!!*!*!*!!!!!*!!*!!! *!* ! !  ! !!!!! !*!*!!!!*

logo
NTDB id 284234 C8077 RS00545 WP 055054905.1  SQFAQAFQNLQRCAAASERVFGFLEEPELSDETGKQALLGVGADGKPQPVRGDVEFSHVRFGYDADKTIINDFSASVKAG  400
NTDB id 370 SMU RS04260 WP 002263294.1       AQIAQGITQLQSANAAMGRVFEFLDEEEIEDENHKVKQ........LEKVEGNVNFDNVFFGYSPDKTIIHDFSAHAKAG  370
consensus                                     ! !!*  *!! * !!  !!! !!*!*!* !! *!   ********* *! ! ! ! *! !!! *!!!!!*!!!!* !!!

logo
NTDB id 284234 C8077 RS00545 WP 055054905.1  QKVAIVGPTGAGKTTMVNLLMRFYEISGGTISIDGIDTKSVPRWNVHDQFSMVLQDTWVFRGTVRENIAYSKKDVTDEQI  480
NTDB id 370 SMU RS04260 WP 002263294.1       QKIAIVGPTGAGKTTIVNLLMRFYEVDRGMISIDGVNIHDMTRKEVHDAFAMVLQDTWLFEGTVKENLIYNQKHITDEQV  450
consensus                                    !!*!!!!!!!!!!!!*!!!!!!!!!*  ! !!!!!*  * **!  !!! ! !!!!!!!*! !!!*!!* !  !**!!!!*

logo
NTDB id 284234 C8077 RS00545 WP 055054905.1  VAACKAVGLHHYIMSLPNGYDTVLDDKASLSQGQRQLLTIARAMVEDAPILILDEATSSVDTRTEELIQKAMDALTVGRT  560
NTDB id 370 SMU RS04260 WP 002263294.1       IAAAKAVGVHHFIKTLPKGYDTVLDDSVTLSVGQKQLLTIARALLKDAPLLILDEATSSVDTRTEELIQRAMDHLMEGRT  530
consensus                                    *!!*!!!!*!!*! *!! !!!!!!!!  *!! !!*!!!!!!!!** !!!*!!!!!!!!!!!!!!!!!!!!*!!!*!  !!!
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logo
                                                  SFVIAHRLSTIRNDADMILVWRGGNIYERGTHEQMAKNGFYADLYNSQFTLEVEAEA

NTDB id 284234 C8077 RS00545 WP 055054905.1       SFVIAHRLSTIRDADMILVMNGGDIVERGTHEELLAKGGFYADIYNSQFTLAE.    613
NTDB id 370 SMU RS04260 WP 002263294.1            SFVIAHRLSTIRNADLILVMRDGNIIEQGSHDQLMAENGFYADLYNSQFTEEVA    584
consensus                                         !!!!!!!!!!!! !!*!!!!  ! !*! !*!* !*!  !!!!!*!!!!!!   *
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X non conserved

X similar

X $\geq$ 50% conserved