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logo

NTDB id 1128547 BILO16373828 RS01570 WP 012578653.1  MPRGPMGGRRAVEKPHDFGKVMGKLVNYCRNYLPVIIVALILGAIGTVCQIVGPDKLKDMTNEIVKGLPAIVNGR   75
NTDB id 370 SMU RS04260 WP 002263294.1               .............MENKKKSLLSQMAPYLKGYKALFGLAVIFTIVSSTITVIGPDRLKEMTDTMTKGLAG.....   57
consensus                                            ************* **    **  * *!** ! **  *!*!   * * * **!!!*!!*!!  * !!!*******

logo

NTDB id 1128547 BILO16373828 RS01570 WP 012578653.1  PVMRSVDFGAVGHIAWTLVALYAGYAVLGYVQSWMMANVTQRTAQRLRESISVKINRLPLKYFDKVSYGDVLSRI   150
NTDB id 370 SMU RS04260 WP 002263294.1               ....KIDLDKIGEIALTLALLYFAGALVSYTASFIVSTLIQKFSQRLRNAIADKINKVPLKYFDSHSQGDTLSRV   128
consensus                                            **** *!   *!*!! !!  !! * !** !  !***  * !*  !!!!  !  !!!**!!!!! *! !! !!!*

logo

NTDB id 1128547 BILO16373828 RS01570 WP 012578653.1  TNDVDAIGQTLGQSLGSLITSATLFVGALVMMFYNNVIMTLCAIGASLIGLIIMMAIMKASQKYFARQQTALGDV   225
NTDB id 370 SMU RS04260 WP 002263294.1               TNDVDLMTQSFNQSLVSMVAAIILLIGSIFMMIKTNGALAATAILSVFAGFVLSTVIMAKSQPLFKKQQANLADV   203
consensus                                            !!!!! * !*  !!! !**    ! *! * !!   !  *  *!!     ! **   !!  !!* ! *!!  !*!!

logo

NGHVEEMYAGHLIVKAYNGEADSIRRFERYNADLYESGWKSQFLSGLMMPLMNFVGNFGYVVVCVVGAALALNGQ   300
SGYVEEVYSGHNVVSSYNAIQQSKKQFENLNDQLFASMWKSQFFSGIMMPLMQFIGNFGYVMVCIVGATMAINGD   278
 !*!!!*! !! *!  !!*   ! * !!  !  !* ! !!!!! !!*!!!!!*!*!!!!!!*!!*!!! *!*!!

logo

IEFGVIVAFMMYIRLFTQPLAQFAQAFQNLQRCAAAAERVFGFLEEPEMEDESGKQALLGTDHAGGRDVKGDVEF   375
ITMGTIVAFMTYVRIFTQPIAQIAQGITQLQSANAAMGRVFEFLDEEEIEDENHKVKQL.......EKVEGNVNF   346
!  ! !!!!! !*!*!!!!*!! !!*  *!! * !!  !!! !!*!*!*!!! *!   !*******  ! ! ! !

logo

NTDB id 1128547 BILO16373828 RS01570 WP 012578653.1  SHVQFGYEPGKPIIHDFSASVKAGQKVAIVGPTGAGKTTMVNLLMRFYEISGGSIAIDGVDTKSVPRWNVHDQFS   450
NTDB id 370 SMU RS04260 WP 002263294.1               DNVFFGYSPDKTIIHDFSAHAKAGQKIAIVGPTGAGKTTIVNLLMRFYEVDRGMISIDGVNIHDMTRKEVHDAFA   421
consensus                                             *! !!! ! !*!!!!!!!* !!!!!*!!!!!!!!!!!!!*!!!!!!!!!*  ! ! !!!!  * **!  !!! !

logo

NTDB id 1128547 BILO16373828 RS01570 WP 012578653.1  MVLQDTWVFRGTVRENIAYSKPGVTDKQIEDACKAVGLDHFIRSLPDGYDTVLDDKSSLSQGQKQLLTIARAMVQ   525
NTDB id 370 SMU RS04260 WP 002263294.1               MVLQDTWLFEGTVKENLIYNQKHITDEQVIAAAKAVGVHHFIKTLPKGYDTVLDDSVTLSVGQKQLLTIARALLK   496
consensus                                            !!!!!!!*! !!!*!!* !  ***!! !*  !*!!!!**!!!**!! !!!!!!!!  *!! !!!!!!!!!!!**
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logo

NTDB id 1128547 BILO16373828 RS01570 WP 012578653.1  DAPILILDEATSSVDTRTEELIQKAMDALTVGRTSFVIAHRLSTIRDADMILVMTHGDVIERGTHDELLAAGGFY   600
NTDB id 370 SMU RS04260 WP 002263294.1               DAPLLILDEATSSVDTRTEELIQRAMDHLMEGRTSFVIAHRLSTIRNADLILVMRDGNIIEQGSHDQLMAENGFY   571
consensus                                            !!!*!!!!!!!!!!!!!!!!!!!*!!!*!  !!!!!!!!!!!!!!! !!*!!!! *! *!! !*!! !*!  !!!
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logo

NTDB id 1128547 BILO16373828 RS01570 WP 012578653.1  ADLYNSQFALAD.   612
NTDB id 370 SMU RS04260 WP 002263294.1               ADLYNSQFTEEVA    584
consensus                                            !!!!!!!!    *
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X non conserved

X similar

X $\geq$ 50% conserved