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logo
NTDB id 993797 TPHSE RS12140 WP 343342661.1  MLNNNKQKSQGSLGNLLAYMKKYSFALVLAFIFAIGGSIITVISPDKLSEVTDLITKGIVAGINMDKISSICLTLAGLYG   80
NTDB id 370 SMU RS04260 WP 002263294.1       ....MENKKKSLLSQMAPYLKGYKALFGLAVIFTIVSSTITVIGPDRLKEMTDTMTKGLAGKIDLDKIGEIALTLALLYF   76
consensus                                    ****  *!    ! ** *!*! !    !! !! !  ! !!!! !!*! !*!! *!!!* * ! *!!!  !*!!!! !!

logo
NTDB id 993797 TPHSE RS12140 WP 343342661.1  ISVVVLSYLQGFIMATVTQKTTKELRSDISNKMNKLPLTYFDKTTVGDVLSRMTNDVDTIGQTLNQSIGTLVSAISLLLGS  160
NTDB id 370 SMU RS04260 WP 002263294.1       AGALVSYTASFIVSTLIQKFSQRLRNAIADKINKVPLKYFDSHSQGDTLSRVTNDVDLMTQSFNQSLVSMVAAIILLIGS  156
consensus                                       **!!   !!* !* !! *  !!  !  !*!!*!! !!! ** !! !!!*!!!!! * !* !!!* **! !! !!*!!

logo
NTDB id 993797 TPHSE RS12140 WP 343342661.1  LYMMTTTNITLTITAVVSTIIGFGLMMLIISKSQKHFVNQQRYLGEINGHIEEAYTGHSVMKVYNAGEETNNKFKILNDN  240
NTDB id 370 SMU RS04260 WP 002263294.1       IFMMIKTNGALAATAILSVFAGFVLSTVIMAKSQPLFKKQQANLADVSGYVEEVYSGHNVVSSYNAIQQSKKQFENLNDQ  236
consensus                                    **!!  !!  !  !!**!   !! !  *!* !!!**!  !!  !*** !**!! !*!! !*  !!!   *   !  !!!*

logo
NTDB id 993797 TPHSE RS12140 WP 343342661.1  LKQSAWKSQFISGLMMPLMSFIGNFGYVAVCVVGAVLAFNDKISFGVIVAFMMYIRFFTQPLAQFAQAATSLQSTSAACK  320
NTDB id 370 SMU RS04260 WP 002263294.1       LFASMWKSQFFSGIMMPLMQFIGNFGYVMVCIVGATMAINGDITMGTIVAFMTYVRIFTQPIAQIAQGITQLQSANAAMG  316
consensus                                    !  ! !!!!! !!*!!!!! !!!!!!!! !!*!!! *! !  !* ! !!!!! !*! !!!!*!! !!* ! !!!  !!*

logo
NTDB id 993797 TPHSE RS12140 WP 343342661.1  RVFEFLQEEEMEDESNKNISLENVEGHVKFEHVKFGYDKDKLIIKDFSADIKSGQKVAIVGPTGAGKTTLVNLLMKFYDV  400
NTDB id 370 SMU RS04260 WP 002263294.1       RVFEFLDEEEIEDENHKVKQLEKVEGNVNFDNVFFGYSPDKTIIHDFSAHAKAGQKIAIVGPTGAGKTTIVNLLMRFYEV  396
consensus                                    !!!!!! !!!*!!! *!   !! !!!*! !**! !!! *!! !!*!!!!* ! !!!*!!!!!!!!!!!!*!!!!!*!!*!

logo
NTDB id 993797 TPHSE RS12140 WP 343342661.1  NSGTIKIDEVPIQSLSREKVHDLFCMVLQDTWLFEGTIRENITYNKEDVSESVIVSACKAVGIDHFIRTLPEGYDTVLDD  480
NTDB id 370 SMU RS04260 WP 002263294.1       DRGMISIDGVNIHDMTRKEVHDAFAMVLQDTWLFEGTVKENLIYNQKHITDEQVIAAAKAVGVHHFIKTLPKGYDTVLDD  476
consensus                                      ! ! !!  !*!* **!  !!! !*!!!!!!!!!!!!**!!* !!  ****  ** !*!!!!**!!!*!!! !!!!!!!!

logo
NTDB id 993797 TPHSE RS12140 WP 343342661.1  NTNLSAGQKQLITIARAMVKNAPLLILDEATSSVDTRTELLIQEAMDKLTVGKTSFVIAHRLSTIKNADVILVMKDGDII  560
NTDB id 370 SMU RS04260 WP 002263294.1       SVTLSVGQKQLLTIARALLKDAPLLILDEATSSVDTRTEELIQRAMDHLMEGRTSFVIAHRLSTIRNADLILVMRDGNII  556
consensus                                      !! !!!!!*!!!!!**! !!!!!!!!!!!!!!!!!! !!! !!!*!  !*!!!!!!!!!!!!!*!!!*!!!!*!! !!
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logo

NTDB id 993797 TPHSE RS12140 WP 343342661.1  ESGNHEELLSVAGFYAELYNSQFEKAS.   587
NTDB id 370 SMU RS04260 WP 002263294.1       EQGSHDQLMAENGFYADLYNSQFTEEVA   584
consensus                                    ! ! !* !*   !!!!*!!!!!!     *
```

X non conserved

X similar

X $\geq$ 50% conserved