```
logo
NTDB id 966766 NST82 RS15710 WP 039873271.1  MKKKPDQPSTWGRLLQYCRSHIPVILIAVISAAAGTILTLLGPDQLSELTDLITAGIVTGIDLDAVASIGFFLIFIYALS   80
NTDB id 370 SMU RS04260 WP 002263294.1       ..MENKKKSLLSQMAPYLKGYKALFGLAVIFTIVSSTITVIGPDRLKEMTDTMTKGLAGKIDLDKIGEIALTLALLYFAG   78
consensus                                    **  *  *!    * *!** * **  *!!!     * *!**!!! ! !*!! *! !*   !!!! ** !*  !  *!

logo
NTDB id 966766 NST82 RS15710 WP 039873271.1  AVLSLGQGLIMSMVTQKVSKSLRKDLSHKMNRLPISYYNKSTTGDILSRVTNDVDTIGQALNQSVGTLVTAIALFVGSMV  160
NTDB id 370 SMU RS04260 WP 002263294.1       ALVSYTASFIVSTLIQKFSQRLRNAIADKINKVPLKYFDSHSQGDTLSRVTNDVDLMTQSFNQSLVSMVAAIILLIGSIF  158
consensus                                    !**!     !*! * !! !  !!  * *!*!**!* !*  ** !! !!!!!!!!! * !  !!!* **! !! ! *!!*

logo
NTDB id 966766 NST82 RS15710 WP 039873271.1  MMFKTNVLMTLTAIAATVIGFGLMAVIMKKSQKYFQSQQEFLGKINGHVEEVYTGHTVVKAYNGEAQMRGTFDSLNQSLK  240
NTDB id 370 SMU RS04260 WP 002263294.1       MMIKTNGALAATAILSVFAGFVLSTVIMAKSQPLFKKQQANLADVSGYVEEVYSGHNVVSSYNAIQQSKKQFENLNDQLF  238
consensus                                    !! !!!  *  !!!     !! !  !!! !!!* !  !!  !* * !*!!!!!*!! !!  !!*  ! *  !* !!  !

logo
NTDB id 966766 NST82 RS15710 WP 039873271.1  QSAFKAQFLSGLMMPLMTFIGNLGYVAVCVVGAVLAINGSISFGVIVAFIMYVRFFTQPLAQMAQAAQNLQAASAASKRV  320
NTDB id 370 SMU RS04260 WP 002263294.1       ASMWKSQFFSGIMMPLMQFIGNFGYVMVCIVGATMAINGDITMGTIVAFMTYVRIFTQPIAQIAQGITQLQSANAAMGRV  318
consensus                                     ! *! !! !!*!!!!! !!!! !!! !!*!!! *!!!! !* ! !!!!* !!! !!!!*!!*!!*  *!! ! !!  !!

logo
NTDB id 966766 NST82 RS15710 WP 039873271.1  FEFLDAKEMDNEDHKDTRLTAADGHVVFEHVQFAYEETDKLVIKDFSAEVQPGQKIAIVGPTGAGKTTLINLLIRFNELK  400
NTDB id 370 SMU RS04260 WP 002263294.1       FEFLDEEEIEDENHKVKQLEKVEGNVNFDNVFFGYSP.DKTIIHDFSAHAKAGQKIAIVGPTGAGKTTIVNLLMRFYEVD  397
consensus                                    !!!!!  !** ! !!   !   *!*! !**! !*! **!! *!*!!!!*  *!!!!!!!!!!!!!!!!**!!!*!! !*

logo
NTDB id 966766 NST82 RS15710 WP 039873271.1  GGEIYIDGTPVSSLTRENIHDLFCMVLQDTWMFEGTVRENLIYNKTGVTDAEMEEACRSVGLHHFIQTLSKGYDTVLNDK  480
NTDB id 370 SMU RS04260 WP 002263294.1       RGMISIDGVNIHDMTRKEVHDAFAMVLQDTWLFEGTVKENLIYNQKHITDEQVIAAAKAVGVHHFIKTLPKGYDTVLDDS  477
consensus                                     ! ! !!! *** *!!  *!! !*!!!!!!!*!!!!!*!!!!!!  **!!  *  !** !!*!!!! !!*!!!!!!! !

logo
NTDB id 966766 NST82 RS15710 WP 039873271.1  VNLSAGQKQQLTIARAMLKDAPMLILDEATSSVDTRTELLIQQAMDQLMEGRTSFVIAHRLSTIKNADVILVLKDGDILE  560
NTDB id 370 SMU RS04260 WP 002263294.1       VTLSVGQKQLLTIARALLKDAPLLILDEATSSVDTRTEELIQRAMDHLMEGRTSFVIAHRLSTIRNADLILVMRDGNIIE  557
consensus                                    ! !! !!!! !!!!!!*!!!!!*!!!!!!!!!!!!!!! !!! !!!*!!!!!!!!!!!!!!!!!!*!!!*!!!**!! !*!
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logo
                                                  SGNHHELLAKNGFYAELYNSQFEQAS.   586
NTDB id 966766 NST82 RS15710 WP 039873271.1       SGNHHELLAKNGFYAELYNSQFEQAS.   586
NTDB id 370 SMU RS04260 WP 002263294.1            QGSHDQLMAENGFYADLYNSQFTEEVA   584
consensus                                          ! !* !*! !!!!!*!!!!!!     *
```

X non conserved

X similar

X $\geq$ 50% conserved