```
logo
NTDB id 149719 B8809 RS09330 WP 058062802.1  MPRGPMGGRRAVEEPHDFGKVMGKLVNYCRNYLPVIIIALILGAAGTVCQIVGPDKLKDMTNEIVKGLPAIVNGRPVMNS   80
NTDB id 370 SMU RS04260 WP 002263294.1       .............MENKKKSLLSQMAPYLKGYKALFGLAVIFTIVSSTITVIGPDRLKEMTDTMTKGLAG.........K   58
consensus                                    ************ **    **  * *!** ! **  *!*!     * * **!!!*!!*!!  * !!!***********

logo
NTDB id 149719 B8809 RS09330 WP 058062802.1  VDFGTVGHIAWTLVALYVGYAVLGYVQSWMMANVTQRTAQRLRESISVKINKLPLKYFDKVSYGDVLSRITNDVDAIGQT  160
NTDB id 370 SMU RS04260 WP 002263294.1       IDLDKIGEIALTLALLYFAGALVSYTASFIVSTLIQKFSQRLRNAIADKINKVPLKYFDSHSQGDTLSRVTNDVDLMTQS  138
consensus                                    *!   *!*!! !!  !! * !** !  !***  * !*  !!!!  !  !!!!*!!!!!! *! !! !!!*!!!!! * !*

logo
NTDB id 149719 B8809 RS09330 WP 058062802.1  LGQSLGSLITSVTLFVGALVMMFYNNVIMTLCAIGASLIGLIIMMAIMKSSQKYFARQQMALGDVNGHVEEMYAGHLIVK  240
NTDB id 370 SMU RS04260 WP 002263294.1       FNQSLVSMVAAIILLIGSIFMMIKTNGALAATAILSVFAGFVLSTVIMAKSQPLFKKQQANLADVSGYVEEVYSGHNVVS  218
consensus                                      !!! !**  * ! *! * !!   !  *  *!!     ! **   !!  !!* ! *!!  !*!! !*!!!*! !! *!

logo
NTDB id 149719 B8809 RS09330 WP 058062802.1  AYNGEADSIRRFEKYNSDLYESGWKSQFLSGLMMPLMNFVGNFGYVVVCVVGAALALDGQIEFGVIVAFMMYIRLFTQPL  320
NTDB id 370 SMU RS04260 WP 002263294.1       SYNAIQQSKKQFENLNDQLFASMWKSQFFSGIMMPLMQFIGNFGYVMVCIVGATMAINGDITMGTIVAFMTYVRIFTQPI  298
consensus                                     !!*   ! * !!  !  !* ! !!!!! !!*!!!!!*!*!!!!!*!!*!!! *!* ! !  ! !!!!! !*!*!!!!*

logo
NTDB id 149719 B8809 RS09330 WP 058062802.1  SQFAQAFQNLQRCAAAAERVFGFLEEPEMEDESGKQALLGKNYMGGHEVKCDVEFSHVQFGYEPGKPIINDFSASVSAGQ  400
NTDB id 370 SMU RS04260 WP 002263294.1       AQIAQGITQLQSANAAMGRVFEFLDEEEIEDENHKVKQL.......EKVEGNVNFDNVFFGYSPDKTIIHDFSAHAKAGQ  371
consensus                                     ! !!*  *!! * !!  !!! !!*!*!*!!! *!   !******** ! ! ! ! *! !!! ! !*!!*!!!!*  !!!

logo
NTDB id 149719 B8809 RS09330 WP 058062802.1  KVAIVGPTGAGKTTMVNLLMRFYEISGGSIAIDGVDTKSVPRWNVHDQFSMVLQDTWVFRGTVRENIAYSKPGVTNKQIE  480
NTDB id 370 SMU RS04260 WP 002263294.1       KIAIVGPTGAGKTTIVNLLMRFYEVDRGMISIDGVNIHDMTRKEVHDAFAMVLQDTWLFEGTVKENLIYNQKHITDEQVI  451
consensus                                    !*!!!!!!!!!!!!!*!!!!!!!!!*  ! ! !!!!  * **!  !!! ! !!!!!!!*! !!!*!!* !  ***!  !*

logo
NTDB id 149719 B8809 RS09330 WP 058062802.1  DACKAVGLDHFIRSLPDGYDTVLDDKSSLSQGQKQLLTIARAMVQDAPILILDEATSSVDTRTEELIQKAMDALTVGRTS  560
NTDB id 370 SMU RS04260 WP 002263294.1       AAAKAVGVHHFIKTLPKGYDTVLDDSVTLSVGQKQLLTIARALLKDAPLLILDEATSSVDTRTEELIQRAMDHLMEGRTS  531
consensus                                     !*!!!!**!!!**!! !!!!!!!!  *!! !!!!!!!!!!!** !!!*!!!!!!!!!!!!!!!!!!!*!!!!*!  !!!!
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logo
NTDB id 149719 B8809 RS09330 WP 058062802.1  FVIAHRLSTIRDADMILVMNHGDVIERGTHDELLAAGGFYADLYNSQFALAD.   612
NTDB id 370 SMU RS04260 WP 002263294.1       FVIAHRLSTIRNADLILVMRDGNIIEQGSHDQLMAENGFYADLYNSQFTEEVA   584
consensus                                    !!!!!!!!!!! !!*!!!! *! *!! !*!! !*!  !!!!!!!!!!!     *
```

X non conserved

X similar

X $\geq$ 50% conserved