```
logo
NTDB id 1122341 EL198 RS09965 WP 007055050.1  MPRGPMGGRRAVEKPHDFGKVMGKLVNYCRNYLPVIIIALILGAAGTVCQIVGPDKLKDMTNEIVKGLPAIVNGRPVMNS   80
NTDB id 370 SMU RS04260 WP 002263294.1        .............MENKKKSLLSQMAPYLKGYKALFGLAVIFTIVSSTITVIGPDRLKEMTDTMTKGLAG.........K   58
consensus                                     ************* **    **  * *!** ! **  *!*!     * * **!!!*!!*!!  * !!!***********

logo
NTDB id 1122341 EL198 RS09965 WP 007055050.1  VDFGTVGHIAWTLVALYVGYAVLGYVQSWMMANVTQRTAQRLRESISVKINKLPLKYFDKVSYGDVLSRITNDVDAIGQT   160
NTDB id 370 SMU RS04260 WP 002263294.1        IDLDKIGEIALTLALLYFAGALVSYTASFIVSTLIQKFSQRLRNAIADKINKVPLKYFDSHSQGDTLSRVTNDVDLMTQS   138
consensus                                     *!   *!*!! !!  !! * !** !  !***  * !*  !!!!  !  !!!!*!!!!!! *! !! !!!*!!!!! * !*

logo
NTDB id 1122341 EL198 RS09965 WP 007055050.1  LGQSLGSLITSVTLFVGALVMMFYNNVIMTLCAIGASLIGLIIMMAIMKSSQKYFARQQMALGDVNGHVEEMYAGHLIVK   240
NTDB id 370 SMU RS04260 WP 002263294.1        FNQSLVSMVAAIILLIGSIFMMIKTNGALAATAILSVFAGFVLSTVIMAKSQPLFKKQQANLADVSGYVEEVYSGHNVVS   218
consensus                                       !!! !**  * ! *! * !!   !  *  *!!    ! **   !!  !!* ! *!!  !*!! !*!!!*! !! *!

logo
NTDB id 1122341 EL198 RS09965 WP 007055050.1  AYNGEADSIRRFEKYNSDLYESGWKSQFLSGLMMPLMNFVGNFGYVVVCVVGAALALDGQIEFGVIVAFMMYVRLFTQPL   320
NTDB id 370 SMU RS04260 WP 002263294.1        SYNAIQQSKKQFENLNDQLFASMWKSQFFSGIMMPLMQFIGNFGYVMVCIVGATMAINGDITMGTIVAFMTYVRIFTQPI   298
consensus                                      !!*   ! * !!  !  !* ! !!!!! !!*!!!!!*!*!!!!!!*!!*!!! *!* ! !  ! !!!!! !!!*!!!!*

logo
NTDB id 1122341 EL198 RS09965 WP 007055050.1  AQFAQAFQNLQRCAAAAERVFGFLEEPEMEDESGKSALLGTNGHEVKGDVEFSHVQFGYEPGKPIIHDFSASVKAGQKVA   400
NTDB id 370 SMU RS04260 WP 002263294.1        AQIAQGITQLQSANAAMGRVFEFLDEEEIEDENHKVKQL....EKVEGNVNFDNVFFGYSPDKTIIHDFSAHAKAGQKIA   374
consensus                                     !! !!*  *!! * !!  !!! !!*!*!*!!! *!   !***** ! ! ! ! *! !!! ! !*!!!!!!!* !!!!!*!

logo
NTDB id 1122341 EL198 RS09965 WP 007055050.1  IVGPTGAGKTTMVNLLMRFYEISGGSIAIDGVDTKSVPRWNVHDQFSMVLQDTWVFRGTVRENIAYSKPGVTDKQIEDAC   480
NTDB id 370 SMU RS04260 WP 002263294.1        IVGPTGAGKTTIVNLLMRFYEVDRGMISIDGVNIHDMTRKEVHDAFAMVLQDTWLFEGTVKENLIYNQKHITDEQVIAAA   454
consensus                                     !!!!!!!!!!!*!!!!!!!!!*  ! ! !!!!  * **!  !!! ! !!!!!!!*! !!!*!!* !  ***!! !*  !*

logo
NTDB id 1122341 EL198 RS09965 WP 007055050.1  KAVGLDHFIRSLPDGYDTVLDDKSSLSQGQKQLLTIARAMVQDAPILILDEATSSVDTRTEELIQKAMDALTVGRTSFVI   560
NTDB id 370 SMU RS04260 WP 002263294.1        KAVGVHHFIKTLPKGYDTVLDDSVTLSVGQKQLLTIARALLKDAPLLILDEATSSVDTRTEELIQRAMDHLMEGRTSFVI   534
consensus                                     !!!!**!!**!! !!!!!!!!  *!! !!!!!!!!!!!** !!!*!!!!!!!!!!!!!!!!!!!!*!!!*!  !!!!!!!
```

```
logo
NTDB id 1122341 EL198 RS09965 WP 007055050.1  AHRLSTIRDADMILVMNHGDVIERGTHDELLAAGGFYADLYNSQFALAD.   609
NTDB id 370 SMU RS04260 WP 002263294.1        AHRLSTIRNADLILVMRDGNIIEQGSHDQLMAENGFYADLYNSQFTEEVA   584
consensus                                     !!!!!!!! !!*!!!! *! *!! !*!! !*!  !!!!!!!!!!!     *
```

X non conserved

X similar

X $\geq$ 50% conserved