```
logo                                              MENKKKSLLSQMAPYLKGYKALFGLAVIFTIVSSTITVIGPDRLKEMTDTMTKGLAGKIDLDKIGEIALTLALLYFAGAL
NTDB id 1117853 ELZ47 RS12085 WP 420031188.1      ................................................................................    0
NTDB id 370 SMU RS04260 WP 002263294.1            MENKKKSLLSQMAPYLKGYKALFGLAVIFTIVSSTITVIGPDRLKEMTDTMTKGLAGKIDLDKIGEIALTLALLYFAGAL   80
consensus                                         ********************************************************************************

logo                                              VSYTASFIVSTLIQKFSQRLRNAIADKINKVPLKYFDSHSQGDTLSRVTNDVDLMTQSFNQSLVSMVAAIILLIGSIFMM
NTDB id 1117853 ELZ47 RS12085 WP 420031188.1      ................................................................................    0
NTDB id 370 SMU RS04260 WP 002263294.1            VSYTASFIVSTLIQKFSQRLRNAIADKINKVPLKYFDSHSQGDTLSRVTNDVDLMTQSFNQSLVSMVAAIILLIGSIFMM  160
consensus                                         ********************************************************************************

logo                                              IKTNGALAATAILSVFAGFVLSTVIMAKSQPLFKKQQANLADVSGYVEEVYSGHNVSSYNAIQQSKKQFENLNDQLFAS
NTDB id 1117853 ELZ47 RS12085 WP 420031188.1      ................................................................................    0
NTDB id 370 SMU RS04260 WP 002263294.1            IKTNGALAATAILSVFAGFVLSTVIMAKSQPLFKKQQANLADVSGYVEEVYSGHNVSSYNAIQQSKKQFENLNDQLFAS  240
consensus                                         ********************************************************************************

logo                                              MWKSQFFSGIMMPLMQFIGNFGYVMVCIVGATMAINGDITMGTIVAFMTYVRIFTQPIAQIAQGITQLQSANAAMGRVFE
NTDB id 1117853 ELZ47 RS12085 WP 420031188.1      ...............................................................................M    1
NTDB id 370 SMU RS04260 WP 002263294.1            MWKSQFFSGIMMPLMQFIGNFGYVMVCIVGATMAINGDITMGTIVAFMTYVRIFTQPIAQIAQGITQLQSANAAMGRVFE  320
consensus                                         ********************************************************************************

logo                                              FLDPEEVRPENHNVPQLTKVTGSVNIKNVFFSYVPGKTILKDVSILAPKGMTAVVGPTGSGKTTIMNLLNRFYEVDRGS
NTDB id 1117853 ELZ47 RS12085 WP 420031188.1      FDAPEEVRPE..NAPAFTELTDSVEIKHVDFSYVEGKPILKDVSILAPKGKMTAVVGPTGSGKTTIMNLLNRFYDVDNGS   79
NTDB id 370 SMU RS04260 WP 002263294.1            FLDEEEIEDENHKVKQLEKVEGNVNFDNVFFGYSPDKTIIHDFSAHAKAGQKIAIVGPTGAGKTTIVNLLMRFYEVDRGM  400
consensus                                         ! *!!* *!** *  *   *   *   !  *!!!*! ! !! *!!!!  !!!!!*!! !!!*!!

logo                                              ISIDGVNIRDYTRKSVRSHVGMVLQDTWLFSGTYRENLRYNVPHITQEQVITAARAVHYHHYIKTLPKKYDTWDDSVT
NTDB id 1117853 ELZ47 RS12085 WP 420031188.1      IEFDGRDIRDYELDSLRSHVGIVLQDSVLFSGTIRDNIRFGVPDASQEMVETAARATHIHDYIESLPEKYDTLVDDDQNI  159
NTDB id 370 SMU RS04260 WP 002263294.1            ISIDGVNIHDMTRKEVHDAFAMVLQDTWLFEGTVKENLIYNQKHITDEQVIAAAKAVGVHHFIKTLPKGYDTVLDDS.VT  479
consensus                                         !    !*!    !  !   *** *   * **!!!* *  ! !!***!* * *** !   !!!* !*!*!! *!!  !!!**!! *

logo                                              FSVGQKQLTIARTLLTDPQVLILDEATSSVDTVTESLIQRAMEHVVGRTSFVIAHRLSTIRNADQILVMRDGNYIEQG
NTDB id 1117853 ELZ47 RS12085 WP 420031188.1      FSTGQKQLISIARTLLTDPQVLILDEATSNVDTVTESKIQQAMEAVVAGRTSFVIAHRLKTILNADQIIVLKDGEVIEQG  239
NTDB id 370 SMU RS04260 WP 002263294.1            LSVGQKQLTIARALLKDAPLLILDEATSSVDTRTEELIQRAMDHLMEGRTSFVIAHRLSTIRNADLILVMRDGNIIEQG  559
consensus                                         ! !!!!!!**!!! !!  *!**!!!!!! !!! !!  !! !!**** !!!!!!!!!! !! !!! !*!**!! *!!!!!
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logo                                          SHHQLMKLnGFYSELYNSQFvEE
                                              DIDQLLAEGGfYADLYHNQFTEEVA

NTDB id 1117853 ELZ47 RS12085 WP 420031188.1  DHHQLLKLGGFYSELYHNQFVFE..   262
NTDB id 370 SMU RS04260 WP 002263294.1         SHDQLMAENGFYADLYNSQFTEEVA   584
consensus                                       !*!!*   !!! *!!* !!   !**
```

X non conserved
X similar
X ≥ 50% conserved