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logo

NTDB id 1111691 HMPREF9319 RS05725 WP 003065250.1  MENKKKTSFYDRMKPYIRGFQLPFLLAVIGAIVSATVTVIGPDKLKEITNTITKGLTPTATGMIPGIDLDKVGKI   75
NTDB id 370 SMU RS04260 WP 002263294.1             ME.NKKKSLLSQMAPYLKGYKALFGLAVIFTIVSSTITVIGPDRLKEMTDTMTKGLA.......GKIDLDKIGEI   67
consensus                                          !!* !! !    ! !!**!*  *! !!!!  !!! !*!!!!!!*!!!*! !*!!!! ******** !!!!!*! !

logo

NTDB id 1111691 HMPREF9319 RS05725 WP 003065250.1  ALTLAILYVISAVVGYIQSFTVATIVQRFSQRLRKAIQTKIDKVPLNYFDSHSQGDTLSRVTNDVDLLGQSLNQS  150
NTDB id 370 SMU RS04260 WP 002263294.1             ALTLALLYFAGALVSYTASFIVSTLIQKFSQRLRNAIADKINKVPLKYFDSHSQGDTLSRVTNDVDLMTQSFNQS  142
consensus                                          !!!!!*!!   !*! !  !! ! !**!*!!!!!! !!  !! !!!! !!!!!!!!!!!!!!!!!!!!* !! !!!

logo

NTDB id 1111691 HMPREF9319 RS05725 WP 003065250.1  LGTLVTSTMLLIGSIFMMFHSNVSMALTAIGSVLIGFVLVMVIMGSSQPLFKRQQNNLAAINGYVEEIYSGHNVV  225
NTDB id 370 SMU RS04260 WP 002263294.1             LVSMVAAIILLIGSIFMMIKTNGALAATAILSVFAGFVLSTVIMAKSQPLFKKQQANLADVSGYVEEVYSGHNVV  217
consensus                                          ! **!   *!!!!!!!!! **!  *! !!! !!  !!!!  !!!* !!!!!!*!! !!! * !!!!!*!!!!!!!

logo

NTDB id 1111691 HMPREF9319 RS05725 WP 003065250.1  TSYNAAGETSETFKKLNTNLYKSMWQSQFLSGIMMPLMIFVGNFGYVMVCVVGAVKVINGDITMGDVVAFMTYIR  300
NTDB id 370 SMU RS04260 WP 002263294.1             SSYNAIQQSKKQFENLNDQLFASMWKSQFFSGIMMPLMQFIGNFGYVMVCIVGATMAINGDITMGTIVAFMTYVR  292
consensus                                          *!!!!   *   !  !! *!* !!! !!! !!!!!!!! !*!!!!!!!!!!*!!!   !!!!!!!! *!!!!!!*!

logo

NTDB id 1111691 HMPREF9319 RS05725 WP 003065250.1  IFSQPLSQIAQAFTQMQSATAAMSRVFEFLEEEEMEDESDKERQLSDVNGEVTFDNVFFGYSKDKTIIHDFSAVA  375
NTDB id 370 SMU RS04260 WP 002263294.1             IFTQPIAQIAQGITQLQSANAAMGRVFEFLDEEEIEDENHKVKQLEKVEGNVNFDNVFFGYSPDKTIIHDFSAHA  367
consensus                                          !!*!!* !!!!* !!*!!! !!! !!!!!!*!*!*!!! *! *!!  ! ! ! !!!!!!!!!*!!!!!!!!!!*!

logo

NTDB id 1111691 HMPREF9319 RS05725 WP 003065250.1  KPGQKVAIVGPTGAGKTTIVNLLMKFYEIDKGQITIDGVDTRLMTREEVHDQFSMVLQDTWLFEGTIKENLIYNQ  450
NTDB id 370 SMU RS04260 WP 002263294.1             KAGQKIAIVGPTGAGKTTIVNLLMRFYEVDRGMISIDGVNIHDMTRKEVHDAFAMVLQDTWLFEGTVKENLIYNQ  442
consensus                                          !*!!!*!!!!!!!!!!!!!!!!!!*!!!*!*! !*!!!!  * !!! !!!! ! !!!!!!!!!!!!*!!!!!!!!

logo

NTDB id 1111691 HMPREF9319 RS05725 WP 003065250.1  ENITDEQVIAAAKAVGVHHFIMTLPKGYDTYLDDSVTLSIGQKQLLTIARALLKDSPLLILDEATSSVDTRTEEL  525
NTDB id 370 SMU RS04260 WP 002263294.1             KHITDEQVIAAAKAVGVHHFIKTLPKGYDTVLDDSVTLSVGQKQLLTIARALLKDAPLLILDEATSSVDTRTEEL  517
consensus                                           *!!!!!!!!!!!!!!!!!!! !!!!!!!! !!!!!!!!*!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!
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logo
NTDB id 1111691 HMPREF9319 RS05725 WP 003065250.1  IQKAMDKLMEGRTSFVIAHRLSTIRNADLILVMKDGNIIEQGNHDDLMQQGGFYADLYNSQFEVA..   590
NTDB id 370 SMU RS04260 WP 002263294.1             IQRAMDHLMEGRTSFVIAHRLSTIRNADLILVMRDGNIIEQGSHDQLMAENGFYADLYNSQFTEEVA   584
consensus                                          !!*!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!! !! !!    !!!!!!!!!!!    **
```

X non conserved

X similar

X $\geq$ 50% conserved