logo

```
NTDB id 48919 SGGB RS06635 WP 012962068.1 MENKKKTSFYGRMKPYIKGFQLPFLLAVIGAIVSATVTVIGPDKLKEITNTITKGLTPTATGMIPGIDLDKVGEIALTLAILYVI  85
NTDB id 370 SMU RS04260 WP 002263294.1     .MENKKKSLLSQMAPYLKGYKALFGLAVIFTIVSSTITVIGPDRLKEMTDTMTKGLA.......GKIDLDKIGEIALTLALLYFA  77
consensus                                  *   !! !    ! !!*!!*  *! !!!!  !!! !*!!!!!!*!!!*! !*!!!! ******** !!!!!*!!!!!!!!*!!
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logo

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NTDB id 48919 SGGB RS06635 WP 012962068.1 SAVVGYIQSFTVATIVQRFSQRLRKAIQTKIDKVPLNYFDSHSQGDTLSRVTNDVDLLGQSLNQSLGTLVTSTMLLIGSIFMMFH  170
NTDB id 370 SMU RS04260 WP 002263294.1     GALVSYTASFIVSTLIQKFSQRLRNAIADKINKVPLKYFDSHSQGDTLSRVTNDVDLMTQSFNQSLVSMVAAIILLIGSIFMMIK  162
consensus                                   !*! !  !! ! !**!*!!!!!! !!  !! !!!! !!!!!!!!!!!!!!!!!!!!* !! !!!! **!   *!!!!!!!!! *
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logo

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NTDB id 48919 SGGB RS06635 WP 012962068.1 SNVSMALTAIGSVLIGFVLVMVIMGSSQPLFKRQQNNLAAINGYVEEIYSGHNVVTSYNAAGETSETFKKLNTNLYKSMWQSQFL  255
NTDB id 370 SMU RS04260 WP 002263294.1     TNGALAATAILSVFAGFVLSTVIMAKSQPLFKKQQANLADVSGYVEEVYSGHNVVSSYNAIQQSKKQFENLNDQLFASMWKSQFF  247
consensus                                  *!  *! !!! !!  !!!!  !!!* !!!!!!*!! !!! * !!!!!*!!!!!!!*!!!!   *   !  !! *!* !!! !!! 
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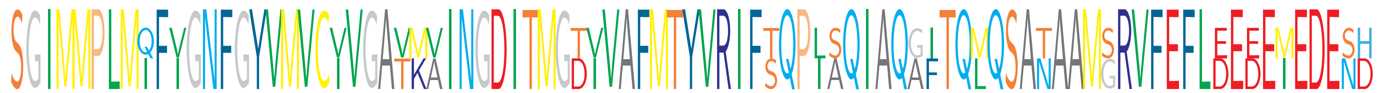
logo



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NTDB id 48919 SGGB RS06635 WP 012962068.1 SGIMMPLMIFVGNFGYVMVCVVGAVKVINGDITMGDVVAFMTYVRIFSQPLSQIAQAFTQMQSATAAMSRVFEFLEEDEMEDESD  340
NTDB id 370 SMU RS04260 WP 002263294.1     SGIMMPLMQFIGNFGYVMVCIVGATMAINGDITMGTIVAFMTYVRIFTQPIAQIAQGITQLQSANAAMGRVFEFLDEEEIEDENH  332
consensus                                  !!!!!!!! !*!!!!!!!!!*!!!   !!!!!!!! *!!!!!!!!!!*!!* !!!!* !!*!!! !!! !!!!!!*!*!*!!! *
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logo

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NTDB id 48919 SGGB RS06635 WP 012962068.1 KERQLSDVNGEVAFDNVFFGYSKDKTIIHDFSAVAKTGQKVAIVGPTGAGKTTIVNLLMKFYEIDKGQITIDGVDTRLMTREEVH  425
NTDB id 370 SMU RS04260 WP 002263294.1     KVKQLEKVEGNVNFDNVFFGYSPDKTIIHDFSAHAKAGQKIAIVGPTGAGKTTIVNLLMRFYEVDRGMISIDGVNIHDMTRKEVH  417
consensus                                  ! *!!  ! ! ! !!!!!!!!!*!!!!!!!!!!*!! !!!*!!!!!!!!!!!!!!!!!!*!!!*!*! !*!!!!  * !!! !!!
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logo

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NTDB id 48919 SGGB RS06635 WP 012962068.1 DQFSMVLQDTWLFEGTIKENLIYNQENITDEQVIAAAKAVGVHHFIMTLPKGYDTYLDDSVTLSIGQKQLLTIARALLKDSPLLI  510
NTDB id 370 SMU RS04260 WP 002263294.1     DAFAMVLQDTWLFEGTVKENLIYNQKHITDEQVIAAAKAVGVHHFIKTLPKGYDTVLDDSVTLSVGQKQLLTIARALLKDAPLLI  502
consensus                                  ! ! !!!!!!!!!!!!*!!!!!!!! *!!!!!!!!!!!!!!!!!!!! !!!!!!!! !!!!!!!!*!!!!!!!!!!!!!!! !!!!
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logo

```
NTDB id 48919 SGGB RS06635 WP 012962068.1 LDEATSSVDTRTEELIQKAMDKLMEGRTSFVIAHRLSTIRNADLILVMKDGNIIEQGNHDDLMQQGGFYADLYNSQFEAA..  590
NTDB id 370 SMU RS04260 WP 002263294.1     LDEATSSVDTRTEELIQRAMDHLMEGRTSFVIAHRLSTIRNADLILVMRDGNIIEQGSHDQLMAENGFYADLYNSQFTEEVA  584
consensus                                  !!!!!!!!!!!!!!!!!*!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!! !! !!   !!!!!!!!!!!   **
```

X non conserved
X similar
X $\geq$50% conserved