```
logo
NTDB id 174458 A2G56 RS03500 WP 062709095.1  MKIKKKTLINQSLPFLKGFRLMFGLAIMFTICSSVITVIGPDKLKEITDVITTGITGKVDIAKIKGIGFQLALLYGGGAI   80
NTDB id 370 SMU RS04260 WP 002263294.1       MENKKKSLLSQMAPYLKGYKALFGLAVIFTIVSSTITVIGPDRLKEMTDTMTKGLAGKIDLDKIGEIALTLALLYFAGAL   80
consensus                                    !  !!!*!* !  !*!!!** *!!!!**!!!*!! !!!!!!!*!!!*!! *! !* !!*!* !!  !*  !!!!! *!!*

logo
NTDB id 174458 A2G56 RS03500 WP 062709095.1  LSYSASFIIATIIQHFSKRMRTAIADKINCVPLSYFDGHSQGDTLSRVTNDVDNMTQALNQSLTTLVSASVLLTGSIIMM  160
NTDB id 370 SMU RS04260 WP 002263294.1       VSYTASFIVSTLIQKFSQRLRNAIADKINKVPLKYFDSHSQGDTLSRVTNDVDLMTQSFNQSLVSMVAAIILLIGSIFMM  160
consensus                                    *!!*!!!!* !*!!*!! !*! !!!!!!!!*!!! !!! !!!!!!!!!!!!!!! !!!  !!!! **! ! *!! !!! !!

logo
NTDB id 174458 A2G56 RS03500 WP 062709095.1  FKTNVIMAGTAILSVLAGFLLSVVIMMKSQPLFRRQQDNLAAVNGYVEEIYTGHNLVISYNAREQAKSAFNQLNQNLYNS  240
NTDB id 370 SMU RS04260 WP 002263294.1       IKTNGALAATAILSVFAGFVLSTVIMAKSQPLFKKQQANLADVSGYVEEVYSGHNVVSSYNAIQQSKKQFENLNDQLFAS  240
consensus                                     !!!  *!*!!! !! !!!*!! !!! !!!!!!**!! !!! ! !!!!!*!*!!!*! !!!!  ! !  ! *!! *!* !

logo
NTDB id 174458 A2G56 RS03500 WP 062709095.1  MWQSQFFSGIMMPMMQFIGNFGYVMVCLVGARLVIDGDITMGTIVAFMTYVRIFSQPLGQIAQGATQMQTVSATMGRIFE  320
NTDB id 370 SMU RS04260 WP 002263294.1       MWKSQFFSGIMMPLMQFIGNFGYVMVCIVGATMAINGDITMGTIVAFMTYVRIFTQPIAQIAQGITQLQSANAAMGRVFE  320
consensus                                    !! !!!!!!!!!!*!!!!!!!!!!!!!!*!!! * ! !!!!!!!!!!!!!!!!!!!*!!**!!!!! !!*!*  ! !!!*!!

logo
NTDB id 174458 A2G56 RS03500 WP 062709095.1  FLNALEMEDETDKSQQLSQVKGYVNFDQVTFGYTKDKTVINAFSAQAKPGQKVAIVGPTGAGKTTIVNLLMRFYETNSGS  400
NTDB id 370 SMU RS04260 WP 002263294.1       FLDEEEIEDENHKVKQLEKVEGNVNFDNVFFGYSPDKTIIHDFSAHAKAGQKIAIVGPTGAGKTTIVNLLMRFYEVDRGM  400
consensus                                    !!   !*!!! *!  !!  ! ! ! !!*! !!!**!!!*!* !!!*!!*!!!*!!!!!!!!!!!!!!!!!!!!!!   !

logo
NTDB id 174458 A2G56 RS03500 WP 062709095.1  IRIDHVNVKDMKREEVHDAFSMVLQDTWLFEGTIKENLIYNQEHITNEQVVEAAKAVGIHHFIMTLPKGYDSVLDDSLSL  480
NTDB id 370 SMU RS04260 WP 002263294.1       ISIDGVNIHDMTRKEVHDAFAMVLQDTWLFEGTVKENLIYNQKHITDEQVIAAAKAVGVHHFIKTLPKGYDTVLDDSVTL  480
consensus                                    ! !!*!!**!! ! !!!!!! !!!!!!!!!!!!*!!!!!!!! !!! !!!* !!!!!!*!!!! !!!!!!!*!!!!!**!

logo
NTDB id 174458 A2G56 RS03500 WP 062709095.1  SVGQKQLLTIARALLKNAPLLILDEATSSVDTRTEELIQRAMDKLMEGRTSFIIAHRLSTIRNADLILVMKDGSIIEQGN  560
NTDB id 370 SMU RS04260 WP 002263294.1       SVGQKQLLTIARALLKDAPLLILDEATSSVDTRTEELIQRAMDHLMEGRTSFVIAHRLSTIRNADLILVMRDGNIIEQGS  560
consensus                                    !!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!*!!!!*!!!!!!!!*!!!!!!!!!!!!!!!!!!!*!! !!!!!
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logo                                                  HDQALMAENGFYADLYNSQFTIKEEEAVA

NTDB id 174458 A2G56 RS03500 WP 062709095.1           HDALMAENGFYADLYNSQFEKA..    582
NTDB id 370 SMU RS04260 WP 002263294.1                HDQLMAENGFYADLYNSQFTEEVA    584
consensus                                             !! !!!!!!!!!!!!!!!!    **
```

X non conserved

X similar

X $\geq$ 50% conserved