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logo
NTDB id 1128731 FXY69 RS00425 WP 033512756.1  MARGPMGRSRGPVEKPKDFGGVMSKLAKFCRHYIPVMIFALILGAAGTICQIVGPDKLKDMTNEITKGLPAMVHGRPVMN   80
NTDB id 370 SMU RS04260 WP 002263294.1        ..............MENKKKSLLSQMAPYLKGYKALFGLAVIFTIVSSTITVIGPDRLKEMTDTMTKGLAG.........   57
consensus                                     ************** *     **!  *!*****! **   !*!     * * **!!!*!!*!!  *!!!!***********

logo
NTDB id 1128731 FXY69 RS00425 WP 033512756.1  SIDMDAVSRIAWLLVALYVGYALLSYLQSWLMANVTQRTAQELREAISKKINRLPLKYFDKISYGDVLSRITNDVDAIGQ   160
NTDB id 370 SMU RS04260 WP 002263294.1        KIDLDKIGEIALTLALLYFAGALVSYTASFIVSTLIQKFSQRLRNAIADKINKVPLKYFDSHSQGDTLSRVTNDVDLMTQ   137
consensus                                      !!*! *  !!  !  !! * !!*!!  !***  * !*  ! !! !!  !!!**!!!!!! *! !! !!!*!!!!! * !

logo
NTDB id 1128731 FXY69 RS00425 WP 033512756.1  TLGQSVGSLITSITLFVGALIMMFYNNVIMTLCAIGSALLGLVVMGVIMVASQKYFTRQQIALGDVNGHVEEMYTGHTVV   240
NTDB id 370 SMU RS04260 WP 002263294.1        SFNQSLVSMVAAIILLIGSIFMMIKTNGALAATAILSVFAGFVLSTVIMAKSQPLFKKQQANLADVSGYVEEVYSGHNVV   217
consensus                                     *  !!* !**  ! ! *! * !!   !  *  *!! !   ! !*  !!!  !!* ! *!!  !*!! !*!!!*!*!! !!

logo
NTDB id 1128731 FXY69 RS00425 WP 033512756.1  KAYCGEEDSIEQFEKYNDDLYVSGWKSQFLSGLMMPLMNFIGNFGYVVVCVVGAVLAMDGKIEFGVIVAFMMYIRLFTQP   320
NTDB id 370 SMU RS04260 WP 002263294.1        SSYNAIQQSKKQFENLNDQLFASMWKSQFFSGIMMPLMQFIGNFGYVMVCIVGATMAINGDITMGTIVAFMTYVRIFTQP   297
consensus                                       !**   !  !!!  !! !* ! !!!!! !!*!!!!!*!!!!!!!*!!*!!! *!* ! !  ! !!!!! !*!*!!!!

logo
NTDB id 1128731 FXY69 RS00425 WP 033512756.1  LSQFAQAFQNLQRCAAASERVFGFLEEPELADESGKKALLGVGVDGKPQPVRGDVEFSHVRFGYEPDKTIIHDFSASVKA   400
NTDB id 370 SMU RS04260 WP 002263294.1        IAQIAQGITQLQSANAAMGRVFEFLDEEEIEDENHKVKQ........LEKVEGNVNFDNVFFGYSPDKTIIHDFSAHAKA   369
consensus                                     * ! !!*  *!! * !!  !!! !!*!*!* !! *!   ********* *! ! ! ! *! !!! !!!!!!!!!!* !!

logo
NTDB id 1128731 FXY69 RS00425 WP 033512756.1  GQKVAIVGPTGAGKTTMVNLLMRFYEISGGTISIDGVDTKSVPRWNVHDQFSMVLQDTWVFHGTVRENIAYSKPGVTDEQ   480
NTDB id 370 SMU RS04260 WP 002263294.1        GQKIAIVGPTGAGKTTIVNLLMRFYEVDRGMISIDGVNIHDMTRKEVHDAFAMVLQDTWLFEGTVKENLIYNQKHITDEQ   449
consensus                                     !!!*!!!!!!!!!!!!!*!!!!!!!!!*   ! !!!!!!  * **!  !!! ! !!!!!!!*!*!!!*!!* !  ***!!!!

logo
NTDB id 1128731 FXY69 RS00425 WP 033512756.1  IVAACKAVGLHRYIMSLPNGYDTVLDDKASLSQGQKQLLTIARAMVEDAPILILDEATSSVDTRTEELIQRAMDALTVGR   560
NTDB id 370 SMU RS04260 WP 002263294.1        VIAAAKAVGVHHFIKTLPKGYDTVLDDSVTLSVGQKQLLTIARALLKDAPLLILDEATSSVDTRTEELIQRAMDHLMEGR   529
consensus                                     **!!*!!!!*!**! *!! !!!!!!!!  *!! !!!!!!!!!!!** !!!*!!!!!!!!!!!!!!!!!!!!*!!!!*!  !!
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logo
                                                  TSFVIAHRLSTIRNADMILVMRGGNIYERGTHEQLMARNGFYADLYNSQFTLIV
                                                  TSFVIAHRLSTIRDADLILVMNDGDIYEQGSHDELLAENGFYADTYNSQFTEEDA
NTDB id 1128731 FXY69 RS00425 WP 033512756.1      TSFVIAHRLSTIRDADMILVMNGGDIVERGTHEELLARNGFYADIYNSQFTLID.   614
NTDB id 370 SMU RS04260 WP 002263294.1            TSFVIAHRLSTIRNADLILVMRDGNIIEQGSHDQLMAENGFYADLYNSQFTEEVA   584
consensus                                         !!!!!!!!!!!!! !!*!!!!  ! !*! !*!* !*! !!!!!!*!!!!!!!    *
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X non conserved

X similar

X $\geq$ 50% conserved