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logo
NTDB id 370 SMU RS04260 WP 002263294.1          MENKKKSLLSQMAPYLKGYKALFGLAVIFTIVSSTITVIGPDRLKEMTDTMTKGLAGKIDLDKIGEIALTLALLYFAGAL    80
NTDB id 1043734 ACD268 RS09375 WP 330789305.1  MKK....LAKRISR...KEWGMILLAILFTCFSVYLELEVPTYISKITDLLGSQGTNLDELWQPASMMMG...MPFLAFL    70
NTDB id 369 SMU RS04255 WP 002263293.1          MFK....IFKRLNA...KEWGMVLLSTAFICLAVWMDLKTPEYMSNITTLLQTKGTTASDIMDPGSKMLM...FSFGSFF    70
consensus                                       ! *     * ***     *******!***!********  !**** *!*** * **    **  ******     * !****

logo
NTDB id 370 SMU RS04260 WP 002263294.1          VSYTASFIVSTLIQKFSQRLRNAIADKINKVPLKYFDSHSQGDTLSRVTNDVDLMTQSFNQSLVSMVAAIILLIGSIFMM   160
NTDB id 1043734 ACD268 RS09375 WP 330789305.1  SVVAVGFFASRVAASYISRLRSDIFNRVLDYSQTEIKKFSIPSLLTRTTNDITQVQMLITMGLQVVTRGPIMAIWAIGKI   150
NTDB id 369 SMU RS04255 WP 002263293.1          MAVLVGFLASRTAASFTTRLRSDIFNRVMDYSEAEIKKFSIPSLLTRTTNDLTQLQIMIVMGMQVVTRGPIMAVWALTKI   150
consensus                                       * * **!**!*******!!!**!********  *****!****!*!*!!!******* **********!****** **

logo
NTDB id 370 SMU RS04260 WP 002263294.1          IKTNGALAATAILSVFAGFVLSTVIMAKSQPLFKKQQANLADVSGYVEEVYSGHNVVSSYNAIQQSKKQFENLNDQLFAS   240
NTDB id 1043734 ACD268 RS09375 WP 330789305.1  LGHSEYWLWAVLVAVIVNVLMTTVLMTLAFPKQSLIQGLTDKLNSITRESLTGIRVVRAYNAEDYQNEKFAAVNDELTRL   230
NTDB id 369 SMU RS04255 WP 002263293.1          WGKSDEWTGAVGVAVLIVFIMLSVLMFVAFPRQRQVQSLTDALNSTTRESLTGVRVVRAYNAEDYQDTKFKRENKNLTKL   230
consensus                                       ** ** * ******!** *****!*! ***!*** *!**** *** **!***!**!!**!!!****  *!  *!**!***

logo
NTDB id 370 SMU RS04260 WP 002263294.1          MWKSQFFSGIMMPLMQFIGNFGYVMVCIVGATMAING.........................DITMGTIVAFMTYVR   292
NTDB id 1043734 ACD268 RS09375 WP 330789305.1  NLFVNRLMVILNPIMMGISSGLSVAIYWIGAYVINDAA...........PIARLPLFSDMIVFMSYAMQVVTDFLLMGA   298
NTDB id 369 SMU RS04255 WP 002263293.1          NLLVYRLMSLMNPVMTVVSSGLTLAIYWIGAYLLNDIKIPMTSVTAAKGAIADRISVFSDMVVFSSYAMQVVVGFMMMVA   310
consensus                                       ** ***** ***!*!  ************!!******                ** ******** ***!*****!******

logo
NTDB id 370 SMU RS04260 WP 002263294.1          IFTQPIAQIAQGITQLQSANAAMGRVFEFLDEE.EIEDENHKVKQLEKVEGNVNFDNVFFGYSPLKT............   358
NTDB id 1043734 ACD268 RS09375 WP 330789305.1  LFIVLPRT...........MVSAKRINQVLDLHSSIQNPAQVQLTDENFKGQVEFKDVTFRYAANSEAVIEHVSFKAETG   367
NTDB id 369 SMU RS04255 WP 002263293.1          IFIILPRA...........LVSAKRINEVLALNSSVHFKE.YSKADNARKGEVEFHDVSFRYSKNSRAVIEHVSFSAKAG   378
consensus                                       *!*****           *****!****!** ***       * **  *!*!*! *!*!*!* ** ******** *  *

logo
NTDB id 370 SMU RS04260 WP 002263294.1          ......................................IIHDFSAHAKAGQKIAIVGPTGAGKTTIVNLLMRFYEVDRGM   400
NTDB id 1043734 ACD268 RS09375 WP 330789305.1  QTVAFIGSIGSGKSTLVNLIPRFYDVSAGEILVDGVNVQDYDFSATAHAGQRVAIVGPTGAGKTTIVNLLMKFYEIDKGS   447
NTDB id 369 SMU RS04255 WP 002263293.1          ETVAFIGSTGSGKSTLVNLIPRFYDATEGWIKIDGIKVQDYSHDDLNNK.............................   427
consensus                                        ******* **************** * * * **** ******** * ***************************
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logo
NTDB id 370 SMU RS04260 WP 002263294.1          ISIDGVNIHDMTRKEVHDAFAMVLQDTWLFEGTVKENLIYNQKH...ITDEQVIAAAKAVGVHHFIKTLPKGYDTV.LDD   476
NTDB id 1043734 ACD268 RS09375 WP 330789305.1  IRIDGVDTKAMTRSEVHDAFSMVLQDTWLFEGTIRDNLIYDQIE...ISDERMMEASKAVGIHHFIMTLPDGYDTI.LDD   523
NTDB id 369 SMU RS04255 WP 002263293.1          ...................VGYIPQRAVLFSGTIRSNIAFGQSDQAPLDDAKIWEALELAQAKNFVEEKEKGLDTEVAQG   488
consensus                                       * ****    *** **************!***!!*!!***!*** ! *   **!*****! *******!* ****!*!!* ***

logo
NTDB id 370 SMU RS04260 WP 002263294.1          SVTLSVGQKQLLTIARALLKDAPLLILDEATSSVDTRTEELIQRAMDHLMEGRTSFVIAHRLSTIRNADLILVMRDGNII   556
NTDB id 1043734 ACD268 RS09375 WP 330789305.1  TVTLSVGQKQLLTIARALLKDAPLLILDEATSSVDTRTEELIQKVMDRLMEGRTSFVIAHRLSTIRNADLILVMKDGNII   603
NTDB id 369 SMU RS04255 WP 002263293.1          GTNFSGGQKQRLAIARALARKPEILIFDDSFSALDYKTDRILRNDLAKKTKEMTKLIVAQRISTIMDADHILVLDQGKVV   568
consensus                                       ****!*!!!!*!*!!!!!******!!*!***!**!**!****** ********!****!*!*!!!**!!*!!!***!***

logo
NTDB id 370 SMU RS04260 WP 002263294.1          EQGSHDQLMAENGFYADLYNSQFTEEVA....   584
NTDB id 1043734 ACD268 RS09375 WP 330789305.1  EQGNYEELMAQGGFYADLYNSQFTEDEAEE..   633
NTDB id 369 SMU RS04255 WP 002263293.1          GQGTHKELLANNDIYQEIAYSQLSKEELENGK   600
consensus                                       *!!*****!*!****!*****!!*******
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X non conserved

X similar

X $\geq$ 50% conserved