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logo
NTDB id 369 SMU RS04255 WP 002263293.1        ...........MFKIFKRLNAKEWGMVLLSTAFICLAVWMDLKTPEYMSNITTLLQTKGTT.ASDIMDPGSK...MLMFS    65
NTDB id 105828 AAA982 RS08895 WP 000506426.1  ..................................................................................    0
NTDB id 370 SMU RS04260 WP 002263294.1        MENKKKSLLSQMAPYLKG.YKALFGLAVI...FTIVSSTITVIGPDRLKEMTDTMT.KGLAGKIDLDKIGEIALTLALLY    75
consensus                                                *    *      *** **   *  *   * *  ** *  **  *  **     **   *     * *

logo
NTDB id 369 SMU RS04255 WP 002263293.1        FGSFFMAVLVGFLASRTAASFTTRLRSDIFNRVMDYSEAEIKKFSIPSLLTRTTNDLTQLQIMI......VMGMQVVTRG   139
NTDB id 105828 AAA982 RS08895 WP 000506426.1  ..................................................................MGFLLMG     7
NTDB id 370 SMU RS04260 WP 002263294.1        FAGALVSYTASFIVSTLIQKFSQRLRNAIADKINKVPLKYFDSHSQGDTLSRVTNDVDLMTQSFNQSLVSMVAAIILLIG   155
consensus                                     **   *     ** *     ** ***  *  **          *    *** ****  *          **** ****!

logo
NTDB id 369 SMU RS04255 WP 002263293.1        PIMAVWALTKIWGKSDEWTGAVGVAVLIVFIMLSVLMFVAFPRQRQVQSLTDALNSTTRESLTGVRVVRAYNAEDYQDTK   219
NTDB id 105828 AAA982 RS08895 WP 000506426.1  ALFIVLPR......T.........................MVSAKR.........INQVLDLHSSIQNPVQVQLTDE.    44
NTDB id 370 SMU RS04260 WP 002263294.1        SIFMMIKT......NGALAATAILSVFAGFVLSTVIMAKSQPLFKKQQANLADVSGYVEEVYSGHNVVSSYNAIQQSKKQ   229
consensus                                      *****        *    *   * *   *** ****    ** *  *     *   * ****** **  ***** **

logo
NTDB id 369 SMU RS04255 WP 002263293.1        FKRENKNLTKLNLLVYRLMSLMNPVMTVVSSGLTLAIYWIGAYLLNDIKIPMTSVTAAKGAIADRISVFSDMVVFSSYAM   299
NTDB id 105828 AAA982 RS08895 WP 000506426.1  ..........................N...........FKGQVEFKDV.............................    55
NTDB id 370 SMU RS04260 WP 002263294.1        FENLNDQLFASMWKSQFFSGIMMPLMQ...........FIGNFGYVMVC.....IVGA............TMAINGDITM   281
consensus                                     *   * **           ** ****           **!** * **      * **            * *     *

logo
NTDB id 369 SMU RS04255 WP 002263293.1        QVVVGFMMMVAIFIILPRALVSAKRINEVLA....LNSSVHFK.........EYSKADNAFKGEVEFHDVSFRYSKNS..   364
NTDB id 105828 AAA982 RS08895 WP 000506426.1  .........TFRY.....AAN.SEAVIEHVSFKAETGQTVAFIGSTGSG...........KSTLVNLIPRFYDVSAGEIL   109
NTDB id 370 SMU RS04260 WP 002263294.1        GTIVAFMTYVRIFTQ.PIAQI.AQGITQLQSANAAMGRVFEFLDEEEIEDENHKVKQLEKVEGNVNFDNVFFGYSPD...   356
consensus                                       *****  * **   * ! * * ** ****  * ** ** !*           *    * * !**  *** *!

logo
NTDB id 369 SMU RS04255 WP 002263293.1        ....RAVIEHVSFSAKAGETVAFIGSTGSGKSTLVNLIPRFYDATEGWIKIDGIKVQDYSHDDLNNKVGYIPQRAVLFSG   440
NTDB id 105828 AAA982 RS08895 WP 000506426.1  VDGVNVQDYDFSATAHAGQRVAIVGSTGAGKTTIVNLLMKFYEIDKGSIRIDGVDTKAMTRSEVHDAFSMVLQDTWLFEG   189
NTDB id 370 SMU RS04260 WP 002263294.1        ....KTIIHDFSAHAKAGQKIAIVGPTGAGKTTIVNLLMRFYEVDRGMISIDGVNIHDMTRKEVHDAFAMVLQDTWLFEG   432
consensus                                         * ** **!**!*!!***!**!*!!*!!*!*!!!***!!****! !*!!!* * **** *******!***!***!!*!
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logo
NTDB id 369 SMU RS04255 WP 002263293.1          TIRSNIAFGQSDQAPLDDAKIWEALELAQAKNFVEEKEKGLDTEVAQGGTNFSGGGQKQRLAIARALARKPEILIFDDSFS   520
NTDB id 105828 AAA982 RS08895 WP 000506426.1    TIRDNLIYNQIG...ISDERMMEASKAVGIHHFIMTLPDGYDTIL.DDTVTLSVGQKQLLTIARALLKDAPLLILDEATS   265
NTDB id 370 SMU RS04260 WP 002263294.1          TVKENLIYNQKH...ITDEQVIAAAKAVGVHHFIKTLPKGYDTVL.DDSVTLSVGQKQLLTIARALLKDAPLLILDEATS   508
consensus                                       !***!****!     **!*****! *******!* ****!*!!** ******!*!!!!*!*!!!!!******!!*!***!

logo
NTDB id 369 SMU RS04255 WP 002263293.1          ALDYKTDRILRNDLAKKTKEMTKLIVAQRISTIMDADHILVLDQGKVVGQGTHKELLANNDIYQEIAYSQLSKEELENGK   600
NTDB id 105828 AAA982 RS08895 WP 000506426.1    SVDTRTEELIQKAMDRLMEGRTSFVIAHRLSTIRNADLILVMKDGNIIEQGNYEELMAQGGFYADLYNSQFTEDEAEE..   343
NTDB id 370 SMU RS04260 WP 002263294.1          SVDTRTEELIQRAMDHLMEGRTSFVIAHRLSTIRNADLILVMRDGNIIEQGSHDQLMAENGFYADLYNSQFTEEVA....   584
consensus                                       **!**!**********!*****!****!*!*!!!**!!*!!!***!****!!****!*!****!*****!!*******
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X non conserved

X similar

X $\geq$ 50% conserved