```
logo
NTDB id 369 SMU RS04255 WP 002263293.1        ...........MFKIFKRLNAKEWGMVLLSTAFICLAVWMDLKTPEYMSNITTLLQTKGTT.ASDIMDPGSK...MLMFS    65
NTDB id 354601 E2C04 RS21625 WP 338088777.1  ..............................................................................    0
NTDB id 370 SMU RS04260 WP 002263294.1        MENKKKSLLSQMAPYLKG.YKALFGLAVI...FTIVSSTITVIGPDRLKEMTDTMT.KGLAGKIDLDKIGEIALTLALLY    75
consensus                                                *    *      *** **   *  *   * *  ** *  **  *  **     **   *     * *

logo
NTDB id 369 SMU RS04255 WP 002263293.1        FGSFFMAVLVGFLASRTAASFTTRLRSDIFNRVMDYSEAEIKKFSIPSLLTRTTNDLTQLQIMIVM......GMQVVTRG   139
NTDB id 354601 E2C04 RS21625 WP 338088777.1  ..............................................................................    0
NTDB id 370 SMU RS04260 WP 002263294.1        FAGALVSYTASFIVSTLIQKFSQRLRNAIADKINKVPLKYFDSHSQGDTLSRVTNDVDLMTQSFNQSLVSMVAAIILLIG   155
consensus                                     **   *      ** *     ** ***  *  **           *    *** ****  *            *  **  *

logo
NTDB id 369 SMU RS04255 WP 002263293.1        PIMAVWALTKIWGKSDEWTGAVGVAVLIVFIMLSVLMFVAFPRQRQVQSLTDALNSTTRESLTGVRVVRAYNAEDYQDTK   219
NTDB id 354601 E2C04 RS21625 WP 338088777.1  ..............................................................................    0
NTDB id 370 SMU RS04260 WP 002263294.1        SIF...MMIKTNG...ALAATAILSVFAGFVLSTVIMAKSQPLFKKQQANLADVSGYVEEVYSGHNVVSSYNAIQQSKKQ   229
consensus                                      *     * *  *      *   * *   *** ****    *  *  *     *     *  **  **  ***

logo
NTDB id 369 SMU RS04255 WP 002263293.1        FKRENKNLTKLNLLVYRLMSLMNPVMTVVSSGLTLAIYWIGAYLLNDIKIPMTSVTAAKGAIADRISVFSDMVVFSSYAM   299
NTDB id 354601 E2C04 RS21625 WP 338088777.1  ..............................................................................    0
NTDB id 370 SMU RS04260 WP 002263294.1        FENLNDQLFASMWKSQFFSGIMMPLMQFI...........GNFGY.....VMVCIVGAT............MAINGDITM   281
consensus                                     *   * **            ** ***  *          * *        *  * **            * *     *

logo
NTDB id 369 SMU RS04255 WP 002263293.1        QVVVGFMMMVAIFI..........ILPRALVSAKRINEVLALNSSV.HFKEYSKADNARKGEVEFHDVSFRYSKNSRAV   367
NTDB id 354601 E2C04 RS21625 WP 338088777.1  ......................MVNLLQSGVASAERVFELLDAPEEDDSARGSLAASGAGRGEVRFEDVSFSYDPE.RPL    57
NTDB id 370 SMU RS04260 WP 002263294.1        GTIVAFMTYVRIFTQPIAQIAQGITQLQSANAAMGRVFEFLDEEEIEDENH.KVKQLEKVEGNVNFDNVFFGYSPD.KTI   359
consensus                                       *****  * **          * *!******* !**!*!*  * **  *  ***  * *!*! !**!*! !*** * *

logo
NTDB id 369 SMU RS04255 WP 002263293.1        IEHVSFSAKAGETVAFIGSTGSGKSTLVNLIPRFYDATEGWIKIDGIKVQDYSHDDLNNKVGYIPQRAVLFSGTIRSNIA   447
NTDB id 354601 E2C04 RS21625 WP 338088777.1  IRDLSLVARPGQTVAIVGPTGAGKTTLVNLVMRFYEVTGGRITLDGVDIASVPRAELRGRMGMVLQDTWLFRGTIAENIA   137
NTDB id 370 SMU RS04260 WP 002263294.1        IHDFSAHAKAGQKIAIVGPTGAGKTTIVNLLMRFYEVDRGMISIDGVNIHDMTRKEVHDAFAMVLQDTWLFEGTVKENLI   439
consensus                                     ! **!  !**!***!**!*!!*!!*!*!!!**!!!*** ! !**!!* * **** **  ******!***!! !!***!**
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logo
NTDB id 369 SMU RS04255 WP 002263293.1        FGQSDQAPLDDAKIWEALELAQAKNFVEEKEKGLDTEVAQGGTNFSGGGQKQRLAIARALARKPEILIFDDSFSALDYKTD   527
NTDB id 354601 E2C04 RS21625 WP 338088777.1  YGRPDAT...REQVVEAARATFVDRFVHSLPEGYETVVDEDGGNLSAGERQLVTIARAFLTDPALLILDEATSSVDTRTE   214
NTDB id 370 SMU RS04260 WP 002263294.1        YNQKHIT...DEQVIAAAKAVGVHHFIKTLPKGYDTVLDD.SVTLSVGGQKQLLTIARALLKDAPLLILDEATSSVDTRTE   515
consensus                                     *** * *   ******!***  *  !* ****!**!**** * **!*!**!***!!!!****** *!!*!***!**!**!*

logo
NTDB id 369 SMU RS04255 WP 002263293.1        RILRNDLAKKTKEMTKLIVAQRISTIMDADHILVLDQGKVVGQGTHKELLANNDIYQEIAYSQLSKEELENGK   600
NTDB id 354601 E2C04 RS21625 WP 338088777.1  LLLQQAMAALRADRTSFVIAHRLSTIRDADVILVMEDGAIVEQGTHDELLAAGGAYARLSAAQFAAAVVGEE.   286
NTDB id 370 SMU RS04260 WP 002263294.1        ELIQRAMDHLMEGRTSFVIAHRLSTIRNADLILVMRDGNIIEQGSHDQLMAENGFYADLYNSQFTEEVA....   584
consensus                                      *******  *  **!****!*!*!!!**!!*!!!***!  ***!!*!**!*!  **  !***  *!**  ***
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X non conserved

X similar

X $\geq$ 50% conserved