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logo
NTDB id 369 SMU RS04255 WP 002263293.1     ...........MFKIFKRLNAKEWGMVLLSTAFICLAVWMDLKTPEYMSNITTLLQTKGTT.ASDIMDPGSK...MLMFSFGSFF    70
NTDB id 30062 SPH RS14090 WP 000346795.1   ..................................................................................    0
NTDB id 370 SMU RS04260 WP 002263294.1     MENKKKSLLSQMAPYLKG.YKALFGLAVI...FTIVSSTITVIGPDRLKEMTDTMT.KGLAGKIDLDKIGEIALTLALLYFAGAL    80
consensus                                            *    *      *** **   *  *   * *  ** *  **  *  **     **   *     * *  **

logo
NTDB id 369 SMU RS04255 WP 002263293.1     MAVLVGFLASRTAASFTTRLRSDIFNRVMDYSEAEIKKFSIPSLLTRTTNDLTQLQIM......IVMGMQVVTRGPIMAVWALTK   149
NTDB id 30062 SPH RS14090 WP 000346795.1   ..............................................................MDFLLMGALFIVLPRTM    17
NTDB id 370 SMU RS04260 WP 002263294.1     VSYTASFIVSTLIQKFSQRLRNAIADKINKVPLKYFDSHSQGDTLSRVTNDVDLMTQSFNQSLVSMVAAIILLIGSIFMMIKTNG   165
consensus                                  *     ** *     ** ***  *  **           *    *** ****  *          **** ****! *****  *

logo
NTDB id 369 SMU RS04255 WP 002263293.1     IWGKSDEWTGAVGVAVLIVFIMLSVLMFVAFPRQRQVQSLTDALNSTTRESLTGVRVVRAYNAEDYQDTKFKRENKNLTKLNLLV   234
NTDB id 30062 SPH RS14090 WP 000346795.1   V.......................SA.......KR..........INQVLDLHSSIQNPVQVQLTDE................    44
NTDB id 370 SMU RS04260 WP 002263294.1     A......LAATAILSVFAGFVLSTVIMAKSQPLFKKQQANLADVSGYVEEVYSGHNVVSSYNAIQQSKKQFENLNDQLFASMWKS   244
consensus                                  *        *   * *   *** *****   *  ** *     *   * ****** **  ***** **  *   * **

logo
NTDB id 369 SMU RS04255 WP 002263293.1     YRLMSLMNPVMTVVSSGLTLAIYWIGAYLLNDIKIPMTSVTAAKGAIADRISVFSDMVVFSSYAMQVVVGFMMMVAIFIILPRAL   319
NTDB id 30062 SPH RS14090 WP 000346795.1   ...........N...........FKGQVEFKDVTF.....................................RY........AA.    61
NTDB id 370 SMU RS04260 WP 002263294.1     QFFSGIMMPLMQ...........FIGNFGYVMVCI.....VGA............TMAINGDITMGTIVAFMTYVRIFTQPIAQ.   300
consensus                       ** ****           **!** * ** *      **            * *      *  ***** ** **     **

logo
NTDB id 369 SMU RS04255 WP 002263293.1     VSAKRINEVLA....LNSSVHFK.........EYSKADNARKGEVEFHDVSFRYSKNS......RAVIEHVSFSAKAGETVAFIG   385
NTDB id 30062 SPH RS14090 WP 000346795.1   NS.EAVIEHVSFKAETGQIVAFIGSTGSG..........KSTLVNLIPRFYDVSAGEILVDGVNVQDYDFSATAHAGQKVAIVG   134
NTDB id 370 SMU RS04260 WP 002263294.1     IA.QGITQLQSANAAMGRVFEFLDEEEIEDENHKVKQLEKVEGNVNFDNVFFGYSPD.......KTIIHDFSAHAKAGQKIAIVG   377
consensus                                  **  ** ****  * ** ** !*           *    * * !**  *** *!         * ** **!**!*!!***!**!

logo
NTDB id 369 SMU RS04255 WP 002263293.1     STGSGKSTLVNLIPRFYDATEGWIKIDGIKVQDYSHDDLNNKVGYIPQRAVLFSGTIRSNIAFGQSDQAPLDDAKIWEALELAQA   470
NTDB id 30062 SPH RS14090 WP 000346795.1   PTGTGKTTIVNLLMKFYEIDKGSIHIDGVDTKAMTRSEVHDAFSMVLQDTWLFEGTIRDNLIYNQIG...ISDERMMEASKAVGI   216
NTDB id 370 SMU RS04260 WP 002263294.1     PTGAGKTTIVNLLMRFYEVDRGMISIDGVNIHDMTRKEVHDAFAMVLQDTWLFEGTVKENLIYNQKH...ITDEQVIAAAKAVGV   459
consensus                                  *!!*!!*!*!!!***!!****! ! !!!* * **** **********!***!!*!!***!****!      **!*****! *****
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logo

NTDB id 369 SMU RS04255 WP 002263293.1      KNFVEEKEKGLDTEVAQGGTNFSGGQKQRLAIARALARKPEILIFDDSFSALDYKTDRILRNDLAKKTKEMTKLIVAQRISTIMD   555
NTDB id 30062 SPH RS14090 WP 000346795.1    HHFIMTLPDGYDTIL.DDTVTLSVGQKQLLTIARALLKDAPLLILDEATSSVDTRTEELIQKAMDRLMEGRTSFVIAHRLSTIRN   300
NTDB id 370 SMU RS04260 WP 002263294.1      HHFIKTLPKGYDTVL.DDSVTLSVGQKQLLTIARALLKDAPLLILDEATSSVDTRTEELIQRAMDHLMEGRTSFVIAHRLSTIRN   543
consensus                                   **!* ****!*!!** ******!*!!!!*!*!!!!!******!!*!***!**!**!*************!****!*!*!!!**

logo

NTDB id 369 SMU RS04255 WP 002263293.1      ADHILVLDQGKVVGQGTHKELLANNDIYQEIAYSQLSKEELENGK   600
NTDB id 30062 SPH RS14090 WP 000346795.1    ADLILVMKDGNIIEQGNYEELMAQGGFYADLYNSQFTEDEAEE..   343
NTDB id 370 SMU RS04260 WP 002263294.1      ADLILVMRDGNIIEQGSHDQLMAENGFYADLYNSQFTEEVA....   584
consensus                                   !!*!!!***!****!!****!*!****!*****!!*******
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X non conserved

X similar

X $\geq$ 50% conserved