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logo
NTDB id 38244 PPE RS11550 WP 013310357.1  MLKIFKYFKKNEWMLVLCSLAFIVVQVWLDLKLPDYMAEITTKLQTEGTPVSELLIPGSYMLFCAVGSMIASIIVGYFAAKVAAG   85
NTDB id 369 SMU RS04255 WP 002263293.1    MFKIFKRLNAKEWGMVLLSTAFICLAVWMDLKTPEYMSNITTLLQTKGTTASDIMDPGSKMLMFSFGSFFMAVLVGFLASRTAAS   85
consensus                                 ! !!!!     !! *!!*! !!!** !!*!!! !*!!  !!! !!! !!* !*** !!! !! *  !!    **!!* ! * !!

logo
NTDB id 38244 PPE RS11550 WP 013310357.1  LAMRLRAMVFDKTLSFSMEEMNSFSTASLITRSTNDVTQIQTVVALGLQVIIKAPILAVWAIVKIADKNWQWTASTGAAVAALIL  170
NTDB id 369 SMU RS04255 WP 002263293.1    FTTRLRSDIFNRVMDYSEAEIKKFSIPSLLTRTTNDLTQLQIMIVMGMQVVTRGPIMAVWALTKIWGKSDEWTGAVGVAVLIVFI  170
consensus                                    !!!  *! * * *!  !*  !! *!!*!!*!!!*!!*! ** *!*!!* **!!*!!!!* !!  !   !!*  ! !!  * *

logo
NTDB id 38244 PPE RS11550 WP 013310357.1  MLSVIVVFALPSFQRIQRLTDNLNRVTREHLIGLRVVRAYNADQYQQEKFEQANVELTNTNLFANRLMTMIGPGMTFIMSGLSVS  255
NTDB id 369 SMU RS04255 WP 002263293.1    MLSVLMFVAFPRQRQVQSLTDALNSTTRESLTGVRVVRAYNAEDYQDTKFKRENKNLTKLNLLVYRLMSLMNPVMTVVSSGLTLA  255
consensus                                 !!!!**  ! !    *! !!! !!  !!!*! !*!!!!!!!!* !!  !!   !  !!  !!   !!!*** ! !! * !!!**

logo
NTDB id 38244 PPE RS11550 WP 013310357.1  IYCIGAYLINGAA.............VPDRITLFSNMVVFSSYAMQVVMAFMMVSMIFILMPRASISAKRIMEVLNTESSIVNGHE  328
NTDB id 369 SMU RS04255 WP 002263293.1    IYWIGAYLLNDIKIPMTSVTAAKGAIADRISVFSDMVVFSSYAMQVVVGFMMMVAIFIILPRALVSAKRINEVLALNSSVHFKEY  340
consensus                                 !!*!!!!!*!   **************!!!**!! !!!!!!!!!!!!**!!!*  !!!**!!! *!!!!! !!!   !!**  *

logo
NTDB id 38244 PPE RS11550 WP 013310357.1  ITGEERVMGQVEFRNVSFKYPDAEEAVLRNISFTAKRGETVAFIGATGSGKTSVINLIPRFYDVTEGEVLVDGVNVRNYDQQALH  413
NTDB id 369 SMU RS04255 WP 002263293.1    SKADNARKGEVEFHDVSFRYSKNSRAVIEHVSFSAKAGETVAFIGSTGSGKSTLVNLIPRFYDATEGWIKIDGIKVQDYSHDDLN  425
consensus                                 * **    ! !!!* !!!*!*    !!* **!!*!! !!!!!!!! !!!!!****!!!!!!!! !!! * *!!* !  ! *  !*

logo
NTDB id 38244 PPE RS11550 WP 013310357.1  NKIGYVPQRAVLFNGTVVSNVSYGDNGRAGASEKLVKEAVGIAQGTEFVEKMDGQYQGRISQGGANVSGGQKQRLSIARAIYRQP  498
NTDB id 369 SMU RS04255 WP 002263293.1    NKVGYIPQRAVLFSGTIRSNIAFGQSDQAPLDDAKIWEALELAQAKNFVEEKEKGLDTEVAQGGTNFSGGQKQRLAIARALARKP  510
consensus                                 !!*!!*!!!!!!! !!* !!* *!    !*  *  * !!* *!!*  !!!  *     * !!! ! !!!!!!!! !!!!* ! !

logo
NTDB id 38244 PPE RS11550 WP 013310357.1  EIYIFDDSFSALDYRTDRILRSALKKETGHATTLIVGQRIGTIKDADRIIVLDQGEIVGSGTHEELMTNCSTYQEIAYSQLSKEE  583
NTDB id 369 SMU RS04255 WP 002263293.1    EILIFDDSFSALDYKTDRILRNDLAKKTKEMTKLIVAQRISTIMDADHILVLDQGKVVGQGTHKELLANNDIYQEIAYSQLSKEE  595
consensus                                 !! !!!!!!!!!!!*!!!!!!  ! ! ! * ! !!!*!!! !! !!!*!*!!!!! *!! !!! !!* !*  !!!!!!!!!!!!!
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logo

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NTDB id 38244 PPE RS11550 WP 013310357.1  LIHG.   587
NTDB id 369 SMU RS04255 WP 002263293.1    LENGK   600
consensus                                 ! *!*
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X non conserved

X similar

X $\geq$ 50% conserved