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logo

NTDB id 1022118 AB1293 RS12165 WP 009890387.1  MSRMGRGPMGKSMEAGQKANDFKGTMRKLIAYLSKFKISIILVIVFAIGSASFSIVGPKILGKATTKIFEGLVSKVSGGN   80
NTDB id 370 SMU RS04260 WP 002263294.1         ..................MENKKKSLLSQMAPYLKGYKALFGLAVIFTIVSSTITVIGPDRLKEMTDTMTKGLAG......   57
consensus                                      ****************  !   !  *  * *!!  *!    ! **! ! ! * ***!!  !   !  *  !!  ******

logo

NTDB id 1022118 AB1293 RS12165 WP 009890387.1  VGIDFNAIGKILTFLLFLYLISALFSFIQGFIMSGISQKVSYNLRKEISAKLDRLPMKYFDTKTHGEILSRITNDIDTLN   160
NTDB id 370 SMU RS04260 WP 002263294.1         .KIDLDKIGEIALTLALLYFAGALVSYTASFIVSTLIQKFSQRLRNAIADKINKVPLKYFDSHSQGDTLSRVTNDVDLMT   136
consensus                                      * !!   !! !   !  !!   !! !*   !!*! * !! !  !!  !  !* **!*!!!!****!* !!!*!!!*! *

logo

NTDB id 1022118 AB1293 RS12165 WP 009890387.1  QSLNQSMTQLITSVTTMIGVLIMMLSISGIMTLVAVLILPISMFVISRIIKKSQKYFRYQQEYLGNVNGQVEETYSGQTI   240
NTDB id 370 SMU RS04260 WP 002263294.1         QSFNQSLVSMVAAIILLIGSIFMMIKTNGALAATAILSVFAGFVLSTVIMAKSQPLFKKQQANLADVSGYVEEVYSGHNV   216
consensus                                      !! !!!*  **  *  *!! * !!*   ! *   !*! **    * * !* !!!* !* !!  !* ! ! !!! !!!* *

logo

NTDB id 1022118 AB1293 RS12165 WP 009890387.1  VKAFNREDEVIEEFDKLNDSLYNSAWKSQFLSGIMQPLMMFIGNLGYVMVSILGGWLAIKKTIEVGDIQSFIQYVRNFTQ   320
NTDB id 370 SMU RS04260 WP 002263294.1         VSSYNAIQQSKKQFENLNDQLFASMWKSQFFSGIMMPLMQFIGNFGYVMVCIVGATMAINGDITMGTIVAFMTYVRIFTQ   296
consensus                                      !  *!         !* !!! !* ! !!!!! !!!! !!! !!!! !!!!!*!*!* *!!   ! *! !  !* !!! !!!

logo

NTDB id 1022118 AB1293 RS12165 WP 009890387.1  PMTQIAQVANLLQSTAAASERVFEFLEEEEEVQIVENAVSIDGLEGKIDFENVNFGYNPNKTIINDFSVNVKPGQKVAIV   400
NTDB id 370 SMU RS04260 WP 002263294.1         PIAQIAQGITQLQSANAAMGRVFEFLDEEEIEDENHKVKQLEKVEGNVNFDNVFFGYSPDKTIIHDFSAHAKAGQKIAIV   376
consensus                                      !* !!!!     !!!  !!  !!!!!!*!!!     *    ** *!! * !*!! !!! ! !!!!*!!! * !*!!!*!!!

logo

NTDB id 1022118 AB1293 RS12165 WP 009890387.1  GPTGAGKTTIVKLLMRFYDVNSGSILIDGHNIKDFNRSELREMFGMVLQDTWLFSGSIMENIRYGKLNATDEEVIEAAKS   480
NTDB id 370 SMU RS04260 WP 002263294.1         GPTGAGKTTIVNLLMRFYEVDRGMISIDGVNIHDMTRKEVHDAFAMVLQDTWLFEGTVKENLIYNQKHITDEQVIAAAKA   456
consensus                                      !!!!!!!!!!! !!!!!!*!   ! ! !!!*!!*!   ! !*** !*!!!!!!!!! !** !!* !    * !!!  !! !!!

logo

NTDB id 1022118 AB1293 RS12165 WP 009890387.1  AHVHRFIKTLPDGYKMKLNEEASNVSQGQKQLLTIARAILADPKILILDEATSSVDTRTEVLIQKAMDNLMEGRTSFVIA   560
NTDB id 370 SMU RS04260 WP 002263294.1         VGVHHFIKTLPKGYDTVLDD.SVTLSVGQKQLLTIARALLKDAPLLILDEATSSVDTRTEELIQRAMDHLMEGRTSFVIA   535
consensus                                       *!!*!!!!!! !!    ! **    *! !!!!!!!!!!!*! !***!!!!!!!!!!!!!!!! !!!*!!!*!!!!!!!!!!!
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logo

NTDB id 1022118 AB1293 RS12165 WP 009890387.1  HRLSTIRDADMILVMNEGDIVEQGNHEELLKKGGFYANLYNSQFEEDEAM   610
NTDB id 370 SMU RS04260 WP 002263294.1         HRLSTIRNADLILVMRDGNIIEQGSHDQLMAENGFYADLYNSQFTEEVA.   584
consensus                                      !!!!!!! !!*!!!! *! !*!!! !* !*   !!!! !!!!!! !* !*
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X non conserved
X similar
X $\geq$ 50% conserved