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logo
NTDB id 115497 A427 RS07445 WP 012951592.1  MLQEMTIKNFAIIESLSLTFQEGMTVLTGETGAGKSIIIDALGLLVGGRGSADFIRHGEERLELQGLFALAEDNLACRNALIENG   85
NTDB id 352 BSU 24240 NP 390304.2           MLAELSIKNFAIIEELTVSFERGLTVLTGETGAGKSIIIDAISLLVGGRGSSEFVRYGEAKAELEGLFLLESGH.PVLGVCAEQG   84
consensus                                   !! !**!!!!!!!! !***!  !*!!!!!!!!!!!!!!!!* !!!!!!!! *!*!*!! * !! !!! !   ****   * !*!

logo
NTDB id 115497 A427 RS07445 WP 012951592.1  IDASDDMVVLERSLFRSGKNSCRINGKLVTTVLLRQIGSKLIDIHSQHEHQELMNEEFHLSLLDRFASDKVKSALTTYQTNYQRY  170
NTDB id 352 BSU 24240 NP 390304.2           IDVSDEMIVMRRDISTSGKSVCRVNGKLVTIASLREIGRLLLDIHGQHDNQLLMEDENHLQLLDKFAGAEVESALKTYQEGYQRY  169
consensus                                   !! !!*!*!* ! *  !!!  !!*!!!!!!   !! !!  !*!!! !!**! !! *! !! !!!*!!   *  !!  !!  *  !

logo
NTDB id 115497 A427 RS07445 WP 012951592.1  QTIEKEWQNWTKNERELAQRLDMLRFQQQEIENANLQAGEEDRLLEQKNILANFEKLNENLQGAYAAIQGEPGGLEFVGEAMRQM  255
NTDB id 352 BSU 24240 NP 390304.2           VKLLKKLKQLSESEQEMAHRLDLIQFQLEEIESAKLELNEDEQLQEERQQISNFEKIYESLQNAYNALRSEQGGLDWVGMASAQL  254
consensus                                     * !   * *  ! !*!*!!!** !!  !!! ! !   !** ! ! ** * !!!!* ! !! !! !*  !*!!!**!! !   !*

logo
NTDB id 115497 A427 RS07445 WP 012951592.1  ETAASIHTDYKAVSEAISSSYYMLEDSMSQIRQSLDQLEFQPEELNQIESRLNDLNQLKRKYGKTIEDIIQYEQEISSEMEKLTD  340
NTDB id 352 BSU 24240 NP 390304.2           EDISDINEPLKKMSESVSNSYYLLEDATFQMRNMLDELEFDPERLNYIETRLNEIKQLKRKYGATVEDILEYASKIEEEIDQIEN  339
consensus                                   !    !* * ! *!! *! !!!*!!!   !*!* !! !!! !! !! !!*!!** !!!!!!! !*!!!* !   !  !** *

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NTDB id 115497 A427 RS07445 WP 012951592.1  SESHVGHLETKLATLKTELTKQAATLTDIRKKAAVTLEKQIKQELNQLYMEKAIFSVRFEAN..............KMELTELGQ  411
NTDB id 352 BSU 24240 NP 390304.2           RDSHLQSLKKELDSVGKDVAVEAANVSQIRKTWAKKLADEIHRELKSLYMEKSTFDTEFKVRTASRNEEAPLVNGQPVQLTEQGI  424
consensus                                    *!!* *!   ! **  **   !! ** !!!  !  !  !* !!  !!!!! !   !   *************** !!! !

logo
NTDB id 115497 A427 RS07445 WP 012951592.1  DSVVFYMSTNPGEPLKPLAKIASGGELSRMMLALKTIFSRHQGITSIIFDEVDTGVSGRVGQAIAEKIYAVSVGSQVLCISHLPQ  496
NTDB id 352 BSU 24240 NP 390304.2           DLVKFLISTNTGEPLKSLSKVASGGELSRVMLAIKSIFSSQQDVTSIIFDEVDTGVSGRVAQAIAEKIHKVSIGSQVLCITHLPQ  509
consensus                                   ! ! ! *!!!*!!!!!*! !*!!!!!!!!*!!!*!*!!! *! *!!!!!!!!!!!!!!!!*!!!!!!! !!*!!!!!!!*!!!!

logo
NTDB id 115497 A427 RS07445 WP 012951592.1  VAAMANHHYYITKKVQNKRTTTSVTVLKGVEKVEEISRMIAGIEVTELTKQHAKEMIEQAEKVKQTY  563
NTDB id 352 BSU 24240 NP 390304.2           VAAMADTHLYIAKELKDGRTTTRVKPLSKQEKVAEIGRMIAGVEVTDLTKRHAKELLKQADQVKTTG  576
consensus                                   !!!!! *! !! ! *   !!!! ! *!   !!! !! !!!!!*!!!!*!!! !!!!** !!* !! !
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X non conserved
X similar
X $\geq$ 50% conserved