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logo

NTDB id 192230 BEN51 RS07420 WP 119865442.1  MIKLLKYLKSKDWIFIFISLLFIVCQVWLDLKLPDYMSDITALIQTPNAEMIEIWKAGGKMLVCALGSLIASVIVGYFIS   80
NTDB id 369 SMU RS04255 WP 002263293.1       MFKIFKRLNAKEWGMVLLSTAFICLAVWMDLKTPEYMSNITTLLQTKGTTASDIMDPGSKMLMFSFGSFFMAVLVGFLAS   80
consensus                                    ! !* ! !  !*!  * *!  !!** !!*!!! !*!!! !! !*!!*     *!  *! !!!**  !!    !*!!*  !

logo

NTDB id 192230 BEN51 RS07420 WP 119865442.1  GIAAGLSKTLRSNIFRKVESFSMHEINQFSVPSLITRSTNDITQVQMIIAMGLQVLIKAPITAVWALGKISSTSWQWTTA  160
NTDB id 369 SMU RS04255 WP 002263293.1       RTAASFTTRLRSDIFNRVMDYSEAEIKKFSIPSLLTRTTNDLTQLQIMIVMGMQVVTRGPIMAVWALTKIWGKSDEWTGA  160
consensus                                      !!  *  !!! !! *!  *! *!!  !!*!!!*!!*!!!*!!*!**! !!*!!* **!! !!!!! !!   !  !! !

logo

NTDB id 192230 BEN51 RS07420 WP 119865442.1  TAVAVVALLIVVSGSFLLALPKFKIIQTLTDNLNKVARENLTGIRVVRAYNAEKYQEDKFEKANDEITKTNLFTGRVMGI  240
NTDB id 369 SMU RS04255 WP 002263293.1       VGVAVLIVFIMLSVLMFVAFPRQRQVQSLTDALNSTTRESLTGVRVVRAYNAEDYQDTKFKRENKNLTKLNLLVYRLMSL  240
consensus                                     *!!!* * !**!    *! !* * *!*!!! !!   !! !!!*!!!!!!!!! !!* !! * !  *!! !!   !*! *

logo

NTDB id 192230 BEN51 RS07420 WP 119865442.1  LMPFIQIIMSGLSLSIYWIGAYLINDVSIQN......PADVVNRFSVFSDMVVFSSYAIQVVIAFMMLVIVFIMLPRAQV  314
NTDB id 369 SMU RS04255 WP 002263293.1       MNPVMTVVSSGLTLAIYWIGAYLLNDIKIPMTSVTAAKGAIADRISVFSDMVVFSSYAMQVVVGFMMMVAIFIILPRALV  320
consensus                                    * ! * ** !!!*! !!!!!!!!*!!* !* ******** *  ! !!!!!!!!!!!!!*!!!**!!!*! *!!*!!!! !

logo

NTDB id 192230 BEN51 RS07420 WP 119865442.1  AANRINEVLDTPLTIINGTRKSDEEAQVGEIEFKNVYFKYPDAESSTDYVLENINFKVNKGETIAFIGATGSGKSTLINL  394
NTDB id 369 SMU RS04255 WP 002263293.1       SAKRINEVLALNSSVHFKEYSKADNARKGEVEFHDVSFRYSKNS...RAVIEHVSFSAKAGETVAFIGSTGSGKSTLVNL  397
consensus                                     ! !!!!!!  * ***       * !  !!*!!* ! !*!*   ***  !*!** !    !!!*!!!! !!!!!!!!*!!

logo

NTDB id 192230 BEN51 RS07420 WP 119865442.1  IPRFYDVTSGEVLVNGVNVKEYDKNYLTNKIGYVSQRTVMFSGTVESNVSYGDNGKEKLGIDAVKRAVEIAQGKDFVEKL  474
NTDB id 369 SMU RS04255 WP 002263293.1       IPRFYDATEGWIKIDGIKVQDYSHDDLNNKVGYIPQRAVLFSGTIRSNIAFGQSDQAPLDDAKIWEALELAQAKNFVEEK  477
consensus                                    !!!!!! ! ! * * !* ! *! *  ! !!*!!**!! !*!!!!* !!* *!    *!    *  !*!*!!*! !!!

logo

NTDB id 192230 BEN51 RS07420 WP 119865442.1  EKQYESEVAQGGTNLSGGQKQRLSIARAIHRDPEIYIFDDSFSALDYRTDKVLRAVLNKETKGKTKLIVAQRIGTIKDAD  554
NTDB id 369 SMU RS04255 WP 002263293.1       EKGLDTEVAQGGTNFSGGQKQRLAIARALARKPEILIFDDSFSALDYKTDRILRNDLAKKTKEMTKLIVAQRISTIMDAD  557
consensus                                    !!  **!!!!!!!!! !!!!!!!! !!!!**! !!! !!!!!!!!!!!*!!**!!  ! ! !!  !!!!!!!!! !! !!!
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logo
                                                  KIVVLDEGKIVGIGKHKELLKTCEVYREIAYSQLSKEELENE.
                                                  HILVLDQGKVVGQGTHKELLANNDIYQEIAYSQLSKEELENGK
NTDB id 192230 BEN51 RS07420 WP 119865442.1  KIVVLDEGKIVGIGKHKELLKTCEVYREIAYSQLSKEELENE.   596
NTDB id 369 SMU RS04255 WP 002263293.1       HILVLDQGKVVGQGTHKELLANNDIYQEIAYSQLSKEELENGK   600
consensus                                    *!*!!! !!*!! ! !!!!!  ***! !!!!!!!!!!!!!! *
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X non conserved

X similar

X $\geq$ 50% conserved