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logo
NTDB id 154101 DE10444 RS00225 WP 411172360.1  ....METAGFPPYRALYRHIDVFPY.RRGGAQAQTHSYTIVMNSQKLPEVKN.GNYQGK...NRQVTFNAYFQGTKKNSI   71
NTDB id 1090 CAA90909.1 1..3114( )             MNKTLKRQ.VFRHTALYAAILMFSHTGGGGAMAQTHKYAIIMNERNQLEVKGNGQYSTIKDKDRERKF.IYNKDRGGGGS   78
consensus                                      *****   * *** !!! *! *!***  !!! !!!! ! !*!!    *!!! *!*!   *** !   !* !

logo
NTDB id 154101 DE10444 RS00225 WP 411172360.1  FSFDNTDEVVAQKGGTVVFGAATYLPPYGKVSGFDDKRLAERKNALDWIGTTAPGLVGYSYQGSTCNSRDCPELSYKTQF  151
NTDB id 1090 CAA90909.1 1..3114( )             VFFDNTDTLVSQQRGTAVFGTATYLPPYGKVSGFDADGLQKRNNAVDWIHTTQAGLAGYAYTDVICRSNQCPQLVYETKF  158
consensus                                        !!!!! *! !  !! !!! !!!!!!!!!!!!!!   !  ! !!*!!!*!! *!! !! !   ! !  !! ! ! ! !

logo
NTDB id 154101 DE10444 RS00225 WP 411172360.1  TFGTQGLKKKVDGKLDIDADKSRDGSPIYKLPDYPWLGVSFNLSSESTAE.SKHLKKLISSFSEEVTQSNGTQNQYKDKN  230
NTDB id 1090 CAA90909.1 1..3114( )             SFDGIGLAKN.AGSLDRHPDPSRENSPIYKLKDHPWLGVSFNLGSENTVKDGKSFNKLISSFSEGNNNQ..........T  227
consensus                                      *!    !! ! * ! !! **!*!!* !!!!!!*!*!!!!!!!!! !! !  * !*  !!!!!!!!   * **********

logo
NTDB id 154101 DE10444 RS00225 WP 411172360.1  LVYTTDDHRNKNNNNRASRNNSHAVAFYLNAKLHLLEKKQIKNITQVSELNLGELKTRIEPTDAWKNKRHHTLTVGQWEF  310
NTDB id 1090 CAA90909.1 1..3114( )             IVSTTRGHS...ISLSDWKREHTAMAYYLNAKLHLLDKKGIEDIAQGKTVDLGTLRPRVEATVRRG...ELLNFWATWKI  301
consensus                                      *! !!   ! ***       *  **!*!*!!!!!!!!!*!! !  ! !   * !! !**!*!*!    *****    * !

logo
NTDB id 154101 DE10444 RS00225 WP 411172360.1  KDTGKISVKLKLPQVKAGRCINKPNPNKNTKAPSPALTAPALWFGPGQDGKAEMYSASVSTYPDSSSSRIFLQNLKRKND  390
NTDB id 1090 CAA90909.1 1..3114( )             EDKGNITVRLGLPEVKAGRCVNKANPNPNAKAPSPALTAPALWFGPVKDGKAEMYSASVSTYPDSSSSRIYLQNLKRKTD  381
consensus                                       ! ! !*!*! !! !!!!!!*!!*!!!*! !!!!!!!!!!!!!!!  !!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!! !

logo
NTDB id 154101 DE10444 RS00225 WP 411172360.1  PGRPGRYSLATLNKSDIESREPTFTGRQTIIRLDGGVQQIKLDRNNTEVVNFNGNS.NNATFGIVSEYGLTPDVSEWKKV  469
NTDB id 1090 CAA90909.1 1..3114( )             PGKPGRHSLETLTENDIKSREPNFTGRQTIIRLNGGVREIKLDRNNTEVVNFNGNDGNNDTFGIVKDLGVEPDTSEWKKV  461
consensus                                      !!*!!!*!! !!    !! !!!! !!!!!!!!!! !!!   !!!!!!!!!!!!!!!! *!! !!!!! * !* !! !!!!!!

logo
NTDB id 154101 DE10444 RS00225 WP 411172360.1  LLPWTVRVFADDSKFKEFNKEEKNNDNKPKYSQKYRSRDSSKHERNLGDIVNSPIVAVGGYLATSANDGMVHIFKKGNGG  549
NTDB id 1090 CAA90909.1 1..3114( )             LLPWTVRGFADDNKFKAFNKEE.NNDNKPKYSQKYRSRDNNKGERNLGDIVNSPIVAVGEYLATSANDGMVHIFKQ.SGG  539
consensus                                      !!!!!!! !!!! !!! !!!!!*!!!!!!!!!!!!!!!!   !*!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!! * !!
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logo

NTDB id 154101 DE10444 RS00225 WP 411172360.1  DERNYSLKLSYIPGTMPRKDIESKDSTLAKELRAFAEKGYVGDRYGVDGGFVLRQV.NLNGKDHVFMFGAMGFGGRGAYA   628
NTDB id 1090 CAA90909.1 1..3114( )             DKRSYNLKLSYIPGTMPRKDIQNTESTLAKDVRTFAEKGYVGDRYGVDGGFVLRKVDNLNGQNRVFMFGAMGFGGRGAYA   619
consensus                                      ! ! ! !!!!!!!!!!!!!!!    *!!!!!**! !!!!!!!!!!!!!!!!!!!!! !*!!!!  *!!!!!!!!!!!!!!!!

logo

NTDB id 154101 DE10444 RS00225 WP 411172360.1  LDLTKADGSDPTAVSLFDVKHDNNGNNSNNSVQLGYTVGTPQIGKTHDGKYAAFLASGYATKTI.DDQQNKTALYVYDLE   707
NTDB id 1090 CAA90909.1 1..3114( )             LDLTKADGSDPTAVSLFDVKD..NGNNGNNRVELGYTVGTPQIGKTHDGKYAAFLASGYATKEIITSGDNKTALYVYDLE   697
consensus                                      !!!!!!!!!!!!!!!!!!!!!***!!!! !! ! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !*    !!!!!!!!!!!

logo

NTDB id 154101 DE10444 RS00225 WP 411172360.1  SSG..TLIKKIDVPGGKGGLSSPTLVDKDLDGTVDIAYAGDRGGKMYRFDLSGQDPQQWSVRTIFSGNKPITSAPAVSQL   785
NTDB id 1090 CAA90909.1 1..3114( )             GNGTNNLIKKIEVPGGKGGLSSPTLVDKDLDGTVDIAYAGDRGGNMYRFDLSSQDPQQWSVRTIFEGTKPITSAPAISQL   777
consensus                                        !** !!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!!! !!!!!!!!!!!! ! !!!!!!!!*!!!

logo

NTDB id 154101 DE10444 RS00225 WP 411172360.1  KDKRVVIFGTGSDLSEEDVDNNDIQSIYGIFDNDTDTGTA..QDGQGKGLLEQKLS..EENKTLFLTDYKRSDGSGDKGW   861
NTDB id 1090 CAA90909.1 1..3114( )             KDKRVVIFGTGSDLSEEDVDNMEEQYIYGIFDDDTATTGTVNFSDSGGGLLEQVLRRDNDNKTLFLTDYKRSDGSGNKGW   857
consensus                                      !!!!!!!!!!!!!!!!!!!!!!! * ! !!!!!! !! !   **    ! !!!!! ! ** *!!!!!!!!!!!!!!!!! !!!

logo

NTDB id 154101 DE10444 RS00225 WP 411172360.1  VVKLQPGQRVTVKPTVVLRTAFVTIRKYND.GGCGAETAILGINTADGGKLTKKSARPIVPEANTAVAQYSGHKQTTKGK   940
NTDB id 1090 CAA90909.1 1..3114( )             VVKLKDGQRVTVKPTVVLRTAFVTIHKYTGTDKCGAETAILGINTADGGKLTKKSARPIVPEANTAVAQYSGHKKGTNGK   937
consensus                                      !!!!  *!!!!!!!!!!!!!!!!!!!!*!!   *  !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!  ! !!

logo

NTDB id 154101 DE10444 RS00225 WP 411172360.1  SIPIGCMQKGNEIVCPNGYVYDKPVNVRYLDEKKTDGFSTTADGDAGGSGIDPDGKRSGKNNRCFSQKGVRTLLMNDLDS  1020
NTDB id 1090 CAA90909.1 1..3114( )             SIPIGCMQKSNEIVCPNGYVYDKPVNVRYLDEKKTDGFSTTADGDAGGSGIDPAGKRSGKNNRCFSQKGVRTLLMNDLDS  1017
consensus                                      !!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

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logo

NTDB id 154101 DE10444 RS00225 WP 411172360.1  LDITGPTCGMKRISWREVFY.   1040
NTDB id 1090 CAA90909.1 1..3114( )             LDITGPTCGMKRISWREVFY*   1037
consensus                                      !!!!!!!!!!!!!!!!!!!!
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X non conserved
X similar
X $\geq$50% conserved