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logo
NTDB id 396180 GHB96 RS09825 WP 215772518.1  MNKTLKRQVFRHTALYAAILMFSHTGGGGAMAQTYKYAIVMNAQNQPEVRRNGQYSTIKGKDREREYTYHNTRGGGGSVS   80
NTDB id 1090 CAA90909.1 1..3114( )           MNKTLKRQVFRHTALYAAILMFSHTGGGGAMAQTHKYAIIMNERNQLEVKGNGQYSTIKDKDRERKFIYNKDRGGGGSVF   80
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!*!!  !!*!!* !!!!!!!! !!!!! * !*  !!!!!!!

logo
NTDB id 396180 GHB96 RS09825 WP 215772518.1  FNNTDTLVSQQSGTAVFGTATYLPPYGKVSGFDADALKERNNAVDWIRTTRIALAGYSYADVICKSGNQCPQLVYETKFA  160
NTDB id 1090 CAA90909.1 1..3114( )           FDNTDTLVSQQRGTAVFGTATYLPPYGKVSGFDADGLQKRNNAVDWIHTTQAGLAGYAYTDVICRS.NQCPQLVYETKFS  159
consensus                                    ! !!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!*!  !!!!!!!!*!!  *!!!! ! !!!!*!*!!!!!!!!!!!!

logo
NTDB id 396180 GHB96 RS09825 WP 215772518.1  FGQQGLQRKGNKLDIYEDKSRDNSPIYKLKDYPWLGVSFNLGSENTVKNSKSFNKLISSFNEDNNNQTIVSTTRDHPISL  240
NTDB id 1090 CAA90909.1 1..3114( )           FDGIGLAKNAGSLDRHPDPSRENSPIYKLKDHPWLGVSFNLGSENTVKDGKSFNKLISSFSEGNNNQTIVSTTRGHSISL  239
consensus                                    !    !! * *  !! **!*!!*!!!!!!!!!!*!!!!!!!!!!!!!!!!!  !!!!!!!!!! ! !!!!!!!!!!! !*!!!

logo
NTDB id 396180 GHB96 RS09825 WP 215772518.1  GNWQREHTAVAYYLNAKLHLLDKKRIEDIAQGKTVDLGTLRPRVETTGR..GWLSFWATWDIKDTGQIPVKLGLQ.VKAG  317
NTDB id 1090 CAA90909.1 1..3114( )           SDWKREHTAMAYYLNAKLHLLDKKGIEDIAQGKTVDLGTLRPRVEATVRRGELLNFWATWKIEDKGNITVRLGLPEVKAG  319
consensus                                      ! !!!!!*!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!! ! !**  ! !!!!! ! ! !*!*!*!!!**!!!!

logo
NTDB id 396180 GHB96 RS09825 WP 215772518.1  RCINKPNPNNNTKAPSPALTAPALWFGPGQDGKVQMYSASVSTYPDSSSSKIFLQNLSRNDDKNKPGRYSLKPLSENEIK  397
NTDB id 1090 CAA90909.1 1..3114( )           RCVNKANPNPNAKAPSPALTAPALWFGPVKDGKAEMYSASVSTYPDSSSSRIYLQNLKRKTDPGKPGRHSLETLTENDIK  399
consensus                                    !!*!!*!!!*! !!!!!!!!!!!!!!!!  !!!  !!!!!!!!!!!!!!!!*!*!!!! !  !* !!!!*!! *!*!!*!!

logo
NTDB id 396180 GHB96 RS09825 WP 215772518.1  SKEPRFNGRQTVIRLDSGVQLIKLNRSKDEVVIF.GNTGNNGTFGIVKEANVNLEADEWKKVLLPWTVRGPDNDNKFKLI  476
NTDB id 1090 CAA90909.1 1..3114( )           SREPNFTGRQTIIRLNGGVREIKLDRNNTEVVNFNGNDGNNDTFGIVKDLGVEPDTSEWKKVLLPWTVRGFADDNKFKAF  479
consensus                                    !*!! ! !!!!*!!!  !!  !!! !   !!! !*!! !!! !!!!!!*  ! **  !!!!!!!!!!!!!*  !!!!!

logo
NTDB id 396180 GHB96 RS09825 WP 215772518.1  NQK.....PDKYSQRYRIRE..NGNRDLGDIVNSPITAVGGYLATAANDGMVHIFKKTGTDERGYELKLSYIPGTMPRQY  549
NTDB id 1090 CAA90909.1 1..3114( )           NKEENNDNKPKYSQKYRSRDNNKGERNLGDIVNSPIVAVGEYLATSANDGMVHIFKQSGGDKRSYNLKLSYIPGTMPRKD  559
consensus                                    !  *******!!!!*!! !*** ! ! !!!!!!!!! !!! !!!! !!!!!!!!!! *! ! ! ! !!!!!!!!!!!!
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logo
NTDB id 396180 GHB96 RS09825 WP 215772518.1  FDNDTSALKDSTLAQELRTFAEKGYVGDRYGVDGGFVLRQVE.LSGQKHVFMFGAMGLGGRGAYALDLSKINENYPAAAP   628
NTDB id 1090 CAA90909.1 1..3114( )           IQNT.....ESTLAKDVRTFAEKGYVGDRYGVDGGFVLRKVDNLNGQNRVFMFGAMGFGGRGAYALDLTKADGSDPTAVS   634
consensus                                      ! ******!!!! **!!!!!!!!!!!!!!!!!!!!! !**! !! *!!!!!!!! !!!!!!!!!!*!      ! ! *

logo
NTDB id 396180 GHB96 RS09825 WP 215772518.1  LFDVKNGDNNGKNRVEVELGYTVGTPQIGKIRNGKYAAFLASGYAAKDI.DSQENKTALYVYDLKDTL.GTPITKIDVPG   706
NTDB id 1090 CAA90909.1 1..3114( )           LFDVKDNGNNGNNRV..ELGYTVGTPQIGKTHDGKYAAFLASGYATKEIITSGDNKTALYVYDLEGNGTNNLIKKIEVPG   712
consensus                                    !!!!!   !!! !!!**!!!!!!!!!!!!!! * !!!!!!!!!!!!! !*!* ! *!!!!!!!!!!    *  *! !!*!!!

logo
NTDB id 396180 GHB96 RS09825 WP 215772518.1  GKGGLSSPTLVDKDLDGIVDIAYAGDRGGNMYRFDLSNSDPSKWSVSTIFEGGKPITSAPAVSRLADKRVVIFGTGSDLS   786
NTDB id 1090 CAA90909.1 1..3114( )           GKGGLSSPTLVDKDLDGTVDIAYAGDRGGNMYRFDLSSQDPQQWSVRTIFEGTKPITSAPAISQLKDKRVVIFGTGSDLS   792
consensus                                    !!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!  !!  !!! !!!!! !!!!!!!!*! ! !!!!!!!!!!!!!!

logo
NTDB id 396180 GHB96 RS09825 WP 215772518.1  EEDVVGTNPQYIYGIFDDDKGTVKVTVQNGTGGGLLEQVLSE..ENKILFLINNKASGGSADKGWVVKLREGERVTVKPT   864
NTDB id 1090 CAA90909.1 1..3114( )           EEDVDNMEEQYIYGIFDDDTATTGTVNFSDSGGGLLEQVLRRDNDNKTLFLTDYKRSDGSGNKGWVVKLKDGQRVTVKPT   872
consensus                                    !!!!    *!!!!!!!!!! *!        *!!!!!!!!!  ***!! !!!   ! ! !!* !!!!!!!**! !!!!!!!

logo
NTDB id 396180 GHB96 RS09825 WP 215772518.1  VVLRTAFVTIRKYTDTDKCGAQTAILGINTADGGALTPRSARPIVPEANKDVAQYSGHKT.AGGKSVPIGCMWKNSKTVC   943
NTDB id 1090 CAA90909.1 1..3114( )           VVLRTAFVTIHKYTGTDKCGAETAILGINTADGGKLTKKSARPIVPEANTAVAQYSGHKKGTNGKSIPIGCMQKSNEIVC   952
consensus                                    !!!!!!!!!!*!!! !!!!!! !!!!!!!!!!!! !!**!!!!!!!!!!  !!!!!!!! *  !!!*!!!!! !    !!

logo
NTDB id 396180 GHB96 RS09825 WP 215772518.1  PNGYVYDKPVNVRYLDETETDGFSTTADGDAGGSGIDPAGRRPGKNNRCFSKKGVRTLLMNDLDSLDITGPMCGIKRLSW  1023
NTDB id 1090 CAA90909.1 1..3114( )           PNGYVYDKPVNVRYLDEKKTDGFSTTADGDAGGSGIDPAGKRSGKNNRCFSQKGVRTLLMNDLDSLDITGPTCGMKRISW  1032
consensus                                    !!!!!!!!!!!!!!!!!   !!!!!!!!!!!!!!!!!!!!!!*!*!!!!!!!! !!!!!!!!!!!!!!!!!!!  !!*!!*!!

   <0
logo
NTDB id 396180 GHB96 RS09825 WP 215772518.1  REVFF.   1028
NTDB id 1090 CAA90909.1 1..3114( )           REVFY*   1037
consensus                                    !!!!*
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X non conserved
X similar
X $\geq$ 50% conserved