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logo

NTDB id 150568 VT05 RS10940 WP 020996762.1  MNKTLKRRVFRHTALYAAILMFSHTGGGGAMAQTRNYAIVMNERNQPEVKWEGQYNQSALKDKSRERTFSHTSQKNDLGITSNFI   85
NTDB id 1090 CAA90909.1 1..3114( )          MNKTLKRQVFRHTALYAAILMFSHTGGGGAMAQTHKYAIIMNERNQLEVKGNGQYSTI..KDKDRERKFIYNKDRGG....GGSV   79
consensus                                   !!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!* !!!*!!!!!!*!!!   !!!    **!!! !!! ! *   *  ****   *

logo

NTDB id 150568 VT05 RS10940 WP 020996762.1  SFNNNDELVSQQSGTAVFGTATYLPPYGKVSGFDTDRLKERANAAGWIRTTRPGLAGYAYTGVTCRSSNQCPQLVYKTRFSFDNT  170
NTDB id 1090 CAA90909.1 1..3114( )          FFDNTDTLVSQQRGTAVFGTATYLPPYGKVSGFDADGLQKRNNAVDWIHTTQAGLAGYAYTDVICRS.NQCPQLVYETKFSFDGI  163
consensus                                   ! ! ! !!!!! !!!!!!!!!!!!!!!!!!!! ! !  ! !!  !!*!! *!!!!!!!! ! !!!*!!!!!!!! !*!!!!

logo

NTDB id 150568 VT05 RS10940 WP 020996762.1  GLAKNAGRLDRHPDPSRENSPIYKLKDHPWLGVSFNLGSEGTDKDGRSSNKLVSSFDENNSNSNQNLVYTTEGHRISLGDWQREH  255
NTDB id 1090 CAA90909.1 1..3114( )          GLAKNAGSLDRHPDPSRENSPIYKLKDHPWLGVSFNLGSENTVKDGKSFNKLISSFSEGN..NNQTIVSTTRGHSISLSDWKREH  246
consensus                                   !!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!! ! !!!*! !!!*!!! ! !** !! *! !! !! !!! !! !!!

logo

NTDB id 150568 VT05 RS10940 WP 020996762.1  TAMAYYLNAKLHLLNKKEIKDIAQNKTVDLGTLRPRVETTGR..GWLSFWATWKIEDKGNITVRLGLPEVKAGRCTNTAHPNSKA  338
NTDB id 1090 CAA90909.1 1..3114( )          TAMAYYLNAKLHLLDKKGIEDIAQGKTVDLGTLRPRVEATVRRGELLNFWATWKIEDKGNITVRLGLPEVKAGRCVNKANPNPNA  331
consensus                                   !!!!!!!!!!!!!! !! ! !!!! !!!!!!!!!!!!! ! !**  ! !!!!!!!!!!!!!!!!!!!!!!!!!! ! !*!!* !

logo

NTDB id 150568 VT05 RS10940 WP 020996762.1  KPLSPALTAPALWFGPGQNGKVQMYSASVSTYPGSSSSRIFLQELKTRTDSARPGRHSLAALDTQNIKSREPGFNGRQTVIRLPG  423
NTDB id 1090 CAA90909.1 1..3114( )          KAPSPALTAPALWFGPVKDGKAEMYSASVSTYPDSSSSRIYLQNLKRKTDPGKPGRHSLETLTENDIKSREPNFTGRQTIIRLNG  416
consensus                                   !**!!!!!!!!!!!!!    !!  !!!!!!!!!!! !!!!!!*!! !! *!!***!!!!!!  !  * !!!!!! ! !!!!*!!!*!

logo

NTDB id 150568 VT05 RS10940 WP 020996762.1  GVYKINPGKNGGRVAGINGNDGKNDTFGIFKDRYVTPETDEWSEMLLPWTARYYGNDTPFQTSNKP...NNQKKYSQKYRIRTKE  505
NTDB id 1090 CAA90909.1 1..3114( )          GVREIKLDRNNTEVVNFNGNDGNNDTFGIVKDLGVEPDTSEWKKVLLPWTVRGFADDNKFKAFNKEENNDNKPKYSQKYRSR...  498
consensus                                   !!   ! * *!   !   !!!!! !!!!!! !!  ! !*! !!  *!!!!! ! ** ! *!   !!**** ! *!!!!!!! !***

logo

NTDB id 150568 VT05 RS10940 WP 020996762.1  DDNDKPRDLGDIVNSPIVAVDGYLATSANDGMVHLFKRNGTDQRGYELKLSYIPGTMERKDIENQDSTLAKELRTFAEKGYVGDR  590
NTDB id 1090 CAA90909.1 1..3114( )          DNNKGERNLGDIVNSPIVAVGEYLATSANDGMVHIFKQSGGDKRSYNLKLSYIPGTMPRKDIQNTESTLAKDVRTFAEKGYVGDR  583
consensus                                   ! !  *! !!!!!!!!!!!!!  !!!!!!!!!!!!!*!!  ! ! ! ! !!!!!!!!!!*!!!! ! *!!!!!**!!!!!!!!!!!!
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logo

NTDB id 150568 VT05 RS10940 WP 020996762.1  YGVDGGFVLRRITDDQDRQKHFFMFGAMGFGGRGAYALDLSKIDSSNLTGVSMFDVQNDKNNNKNDSNRVKLGYTVGTPQIGKTQ   675
NTDB id 1090 CAA90909.1 1..3114( )          YGVDGGFVLRKVDN.LNGQNRVFMFGAMGFGGRGAYALDLTKADGSDPTAVSLFDVKDNGN...NGNNRVELGYTVGTPQIGKTH   664
consensus                                   !!!!!!!!!!**  *    ! * !!!!!!!!!!!!!!!!!!*! !  ! *!*!!*!!!    !***!  !!! !!!!!!!!!!!!!*

logo

NTDB id 150568 VT05 RS10940 WP 020996762.1  NGKYAAFLASGYAAKDI.GSGDNTTALYVYDLE.NGSGSLIKKIEAPGGKGGLSSPTLVDKDLDGTVDIAYAGDRGGNMYRFDLS   758
NTDB id 1090 CAA90909.1 1..3114( )          DGKYAAFLASGYATKEIITSGDNKTALYVYDLEGNGTNNLIKKIEVPGGKGGLSSPTLVDKDLDGTVDIAYAGDRGGNMYRFDLS   749
consensus                                    !!!!!!!!!!!! !*!* !!!! !!!!!!!!!*!!*  !!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 150568 VT05 RS10940 WP 020996762.1  NSDLNKWSAKAIFEGTKPITSAPAVSRLADKRVVIFGTGSDLSEEDVVGTNQQYIYGIFDDDKGTVKVTVQNGTGGGLLEQTLTK   843
NTDB id 1090 CAA90909.1 1..3114( )          SQDPQQWSVRTIFEGTKPITSAPAISQLKDKRVVIFGTGSDLSEEDVDNMEEQYIYGIFDDDTATTGTVNFSDSGGGLLEQVLRR   834
consensus                                     !** !! * !!!!!!!!!!!!!*! ! !!!!!!!!!!!!!!!!!!    !!!!!!!!!! *!        *!!!!!!! ! *

logo

NTDB id 150568 VT05 RS10940 WP 020996762.1  E..NNTLFLSNNKASGGSNGEGWVVKLGEGERVTVKPTVVLRTAFVTIRKYTGMDKCGAQTAILGINTADGGALTPRSARPIVPS   926
NTDB id 1090 CAA90909.1 1..3114( )          DNDNKTLFLTDYKRSDGSGNKGWVVKLKDGQRVTVKPTVVLRTAFVTIHKYTGTDKCGAETAILGINTADGGKLTKKSARPIVPE   919
consensus                                   ***! !!!!*  ! ! !!   !!!!!! *! !!!!!!!!!!!!!!!!!!*!!!! !!!!! !!!!!!!!!!!! !!**!!!!!!!

logo

NTDB id 150568 VT05 RS10940 WP 020996762.1  D..QVAQYSGHKTTSKGKSVPIGCMEKDSKTVCPNGYIYDKPVNVRYLDEKKTDDFPVTADGDAGGSGTFKEGKKPARNNRCFSG  1009
NTDB id 1090 CAA90909.1 1..3114( )          ANTAVAQYSGHKKGTNGKSIPIGCMQKSNEIVCPNGYVYDKPVNVRYLDEKKTDGFSTTADGDAGGSGIDPAGKRSGKNNRCFSQ  1004
consensus                                    ** !!!!!!!!  * !!!*!!!!! !    !!!!!!*!!!!!!!!!!!!!!!!! !* !!!!!!!!!!  * !!****!!!!!!

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logo

NTDB id 150568 VT05 RS10940 WP 020996762.1  KGVRTLLMNDLDSLDITGPMCGIKRLSWREVFF.  1042
NTDB id 1090 CAA90909.1 1..3114( )          KGVRTLLMNDLDSLDITGPTCGMKRISWREVFY*  1037
consensus                                   !!!!!!!!!!!!!!!!!!! !!*!!*!!!!!!*
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X non conserved

X similar

X ≥50% conserved