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logo

NTDB id 305716 DV144 RS00080 WP 115430664.1  MNKTLKRRVFRHTALYAAILMFSHTGGGGGAQAQTRQYAIIMNEGNQPEVQWNGSYS.IKDKDRKREYTHHNHSRGGSSV   79
NTDB id 1090 CAA90909.1 1..3114( )           MNKTLKRQVFRHTALYAAILMFSHTGGG.GAMAQTHKYAIIMNERNQLEVKGNGQYSTIKDKDRERKFIYNKDRGGGGSV   79
consensus                                    !!!!!!! !!!!!!!!!!!!!!!!!!*!! !!!* !!!!!!! !!*!!  !! !!*!!!!!! ! * ** *  !! !!

logo

NTDB id 305716 DV144 RS00080 WP 115430664.1  SFNNSDELVSQQSGTAVFGTATYLPPYGKVSGFDADGLNKRGNAAGWIRTTRIALAGYSYEGVVCRSGTGCPKLVYKTRF   159
NTDB id 1090 CAA90909.1 1..3114( )           FFDNTDTLVSQQRGTAVFGTATYLPPYGKVSGFDADGLQKRNNAVDWIHTTQAGLAGYAYTDVICRSN.QCPQLVYETKF   158
consensus                                     ! !*! !!!!! !!!!!!!!!!!!!!!!!!!!!!!!*!! !!  !!*!!  *!!!! !  !*!!! * !! !!! !*!

logo

NTDB id 305716 DV144 RS00080 WP 115430664.1  SFDNPDLVKNAGRLDRHTDPSRENSPIYKLKDYPWLGVSFNLGAEGTTKDGKTINKLVSSFDEKNSSNNNLVYTTEGRDI   239
NTDB id 1090 CAA90909.1 1..3114( )           SFDGIGLAKNAGSLDRHPDPSRENSPIYKLKDHPWLGVSFNLGSENTVKDGKSFNKLISSFSEGNN.NQTIVSTTRGHSI   237
consensus                                    !!! * ! !!!! !!!!*!!!!!!!!!!!!!!!*!!!!!!!!!! ! ! !!!!* !!!*!!! ! ! *!* *! !! !* !

logo

NTDB id 305716 DV144 RS00080 WP 115430664.1  SLGDWQREKTAMAYYLNAKLHLLDKKGIKDITN.KTVQLGVLRPSIDVRLQRNTGLAGLLNFWASWDIKDNGQIPVKLGL   318
NTDB id 1090 CAA90909.1 1..3114( )           SLSDWKREHTAMAYYLNAKLHLLDKKGIEDIAQGKTVDLGTLRPRVEATVRR....GELLNFWATWKIEDKGNITVRLGL   313
consensus                                    !! !! !!*!!!!!!!!!!!!!!!!!!! !! **!!! !! !!! **  * !***** !!!!!!*! ! ! !*!*!*!!!

logo

NTDB id 305716 DV144 RS00080 WP 115430664.1  PEVKAGRCINANNPNKSTKAPSPALTAPALWFGPVQNGKMEMYSASVSTYPDSSSSRIFLQNLKRKNDPNKPGRYSLADL   398
NTDB id 1090 CAA90909.1 1..3114( )           PEVKAGRCVNKANPNPNAKAPSPALTAPALWFGPVKDGKAEMYSASVSTYPDSSSSRIYLQNLKRKTDPGKPGRHSLETL   393
consensus                                    !!!!!!!!*!  !!!*  !!!!!!!!!!!!!!!!!  !! !!!!!!!!!!!!!!!!!!!*!!!!!!! !! !!!!*!!  !

logo

NTDB id 305716 DV144 RS00080 WP 115430664.1  SASEIKSREPNFTGRQTIIRLNGGVREIKLDRNNTEVNFNGNDGNNATFGIVSEGSFMPDDSEWKKVLLPWTVRGVNDD   478
NTDB id 1090 CAA90909.1 1..3114( )           TENDIKSREPNFTGRQTIIRLNGGVREIKLDRNNTEVNFNGNDGNNDTFGIVKDLGVEPDTSEWKKVLLPWTVRGFADD   473
consensus                                    *  *!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 305716 DV144 RS00080 WP 115430664.1  .QFKTFNKEEK.NGKPKYSQKYRSRDNGKHERNLGDIVNSPIVAVGEYLATSANDGMVHIFKKGNGDARNYSLKLSYIPG   556
NTDB id 1090 CAA90909.1 1..3114( )           NKFKAFNKEENNDNKPKYSQKYRSRDNNKGERNLGDIVNSPIVAVGEYLATSANDGMVHIFKQSGGDKRSYNLKLSYIPG   553
consensus                                    * !! !!!!! *  !!!!!!!!!!!!!! !*!!!!!!!!!!!!!!!!!!!
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logo

NTDB id 305716 DV144 RS00080 WP 115430664.1  TMPRKDIQNTESTLAKELRAFAEKGYVGDRYGVDGGFVLRQVNNLNGQDRVFMFGAMGFGGRGAYALDLSKIDSNNPTAV   636
NTDB id 1090 CAA90909.1 1..3114( )           TMPRKDIQNTESTLAKDVRTFAEKGYVGDRYGVDGGFVLRKVDNLNGQNRVFMFGAMGFGGRGAYALDLTKADGSDPTAV   633
consensus                                    !!!!!!!!!!!!!!!!**! !!!!!!!!!!!!!!!!!!!! ! !!!!! !!!!!!!!!!!!!!!!!!!!*! !   !!!!

logo

NTDB id 305716 DV144 RS00080 WP 115430664.1  SLFDVKHDNNGKNSNNGVKLGYTVGTPQIGKTHDGKYAAFLASGYATKDI.TSGDNKTALYVYDLESSG..TLIKKIDVP   713
NTDB id 1090 CAA90909.1 1..3114( )           SLFDVKD..NGNNGNNRVELGYTVGTPQIGKTHDGKYAAFLASGYATKEIITSGDNKTALYVYDLEGNGTNNLIKKIEVP   711
consensus                                    !!!!!!***!! ! !! ! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!*!!!!!!!!!!!!!!!  !** !!!!!*!!

logo

NTDB id 305716 DV144 RS00080 WP 115430664.1  GGKGGLSSPTLVDKDLDGTVDIAYAGDRGGKMYRFDLSGNNPNSWTVRTIFEGTKPITSAPAISQLKDKRVVIFGTGSDL   793
NTDB id 1090 CAA90909.1 1..3114( )           GGKGGLSSPTLVDKDLDGTVDIAYAGDRGGNMYRFDLSSQDPQQWSVRTIFEGTKPITSAPAISQLKDKRVVIFGTGSDL   791
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!!! * !* !*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 305716 DV144 RS00080 WP 115430664.1  SEEDVDNKDIQHVYGIFDNDTDTS..VAKDGQGNGLLEQVLSRDNDNKTLFLTDYKRSNGSGSKGWMVKLQPGQRVTVKP   871
NTDB id 1090 CAA90909.1 1..3114( )           SEEDVDNMEEQYIYGIFDDDTATTGTVNFSDSGGGLLEQVLRRDNDNKTLFLTDYKRSDGSGNKGWVVKLKDGQRVTVKP   871
consensus                                    !!!!!!! * !**!!!!! !! !***!     ! !!!!!!! !!!!!!!!!!!!!!!!! !!! !!!*!!! *!!!!!!!!

logo

NTDB id 305716 DV144 RS00080 WP 115430664.1  TVVLRTAFVTIRKYT.TDGCGAETAILGINTADGGKLTKKSARPIVPEANSKVAQYSGDKKTSSGKSIPIGCMEKDNGIV   950
NTDB id 1090 CAA90909.1 1..3114( )           TVVLRTAFVTIHKYTGTDKCGAETAILGINTADGGKLTKKSARPIVPEANTAVAQYSGHKKGTNGKSIPIGCMQKSNEIV   951
consensus                                    !!!!!!!!!!!*!!!!*!! !!!!!!!!!!!!!!!!!!!!
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X non conserved
X similar
X $\geq$ 50% conserved