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logo
NTDB id 1147168 CKV76 RS00330 WP 095197782.1  MNKTLKRRVFRHTALYAAILMFSHTGGGGQAQAQTYKYAIVMNERKQPEVKWKGQYNQSALKDKGRERTFSHTSQKNKFG   80
NTDB id 1090 CAA90909.1 1..3114( )            MNKTLKRQVFRHTALYAAILMFSHTGGGGA.MAQTHKYAIIMNERNQLEVKGNGQYST..IKDKDRERKFIYNKDRG...   74
consensus                                     !!!!!!! !!!!!!!!!!!!!!!!!!!! * !!!*!!!!*!!!! !*!!!  !!!  ***!!! !!! ! *   * ***

logo
NTDB id 1147168 CKV76 RS00330 WP 095197782.1  ITSNFTSFNNNDELVSQQSGTAVFGTATYLPPYGKVSGFDTAELNKRGNAVNWIHTTRPGLAGYGYDGIRCGSAQDCPKL  160
NTDB id 1090 CAA90909.1 1..3114( )            .GGGSVFFDNTDTLVSQQRGTAVFGTATYLPPYGKVSGFDADGLQKRNNAVDWIHTTQAGLAGYAYTDVICRS.NQCPQL  152
consensus                                     *    * ! ! ! !!!!! !!!!!!!!!!!!!!!!!!!!    !*!! !!! !!!!! *!!!!!*!  * ! !** !! !

logo
NTDB id 1147168 CKV76 RS00330 WP 095197782.1  TYKTRFSFDNPNLVKTRGGLDRHTEPSRENSPIYKLKDHPWLGVSFNLGGEGTAKDGRSSSKLVSSFDENNSNSNQNLVY  240
NTDB id 1090 CAA90909.1 1..3114( )            VYETKFSFDGIGLAKNAGSLDRHPDPSRENSPIYKLKDHPWLGVSFNLGSENTVKDGKSFNKLISSFSEGN..NNQTIVS  230
consensus                                      ! !*!!!! * ! !  ! !!!!**!!!!!!!!!!!!!!!!!!!!!!! ! ! !!!*!  !!*!!! ! !** !! *!

logo
NTDB id 1147168 CKV76 RS00330 WP 095197782.1  TTEGHRISLGNWQRETTAMAYYLNAKLHLLDKKQIENIAPGKTVRLGVLKPSIDVKTQNTGLSGLLNFWSKWDIKDNGQI  320
NTDB id 1090 CAA90909.1 1..3114( )            TTRGHSISLSDWKREHTAMAYYLNAKLHLLDKKGIEDIAQGKTVDLGTLRPRVEATVR...RGELLNFWATWKIEDKGNI  307
consensus                                     !! !! !!!  ! !!*!!!!!!!!!!!!!!!!!! !! !!*!!!! !! !*! **    ***   !!!!!  ! ! ! !*!

logo
NTDB id 1147168 CKV76 RS00330 WP 095197782.1  PVKLGLPQVKAGRCINKPNPNKNTKAPSPALTAPALWFGPVQNGKVQMYSASVSTYPGSSSSRIFLQELKTQTDPARPGR  400
NTDB id 1090 CAA90909.1 1..3114( )            TVRLGLPEVKAGRCVNKANPNPNAKAPSPALTAPALWFGPVKDGKAEMYSASVSTYPDSSSSRIYLQNLKRKTDPGKPGR  387
consensus                                     *!*!!!! !!!!!!*!!*!!!*! !!!!!!!!!!!!!!!!!  !!  !!!!!!!!!! !!!!!!*!! !!  !!!**!!!

logo
NTDB id 1147168 CKV76 RS00330 WP 095197782.1  HSLAALDTQNIKSREPNFNSRQTVIRLPGGVYKINPVKNGGRVAGFNGNDGKNDTFGIYKDRLVTPEADEWSEVLLPWTA  480
NTDB id 1090 CAA90909.1 1..3114( )            HSLETLTENDIKSREPNFTGRQTIIRLNGGVREIKLDRNNTEVVNFNGNDGNNDTFGIVKDLGVEPDTSEWKKVLLPWTV  467
consensus                                     !!!   !  * !!!!!!!!  !!!*!!!*!!!  ! * *!  !  !!!!!! !!!!!! !!  ! !*  !!  !!!!!!

logo
NTDB id 1147168 CKV76 RS00330 WP 095197782.1  RYYGNDDIFKTFNQPNNKKQSDKKQYSQKYRIRTKEDDNDKPRDLGDIVNSPITAVGGYLATSANDGMVHIFKKTGTDER  560
NTDB id 1090 CAA90909.1 1..3114( )            RGFADDNKFKAFNKEENN..DNKPKYSQKYRSR...DNNKGERNLGDIVNSPIVAVGEYLATSANDGMVHIFKQSGGDKR  542
consensus                                     ! ** !  !! !! * ! **  !* !!!!!! !***! !  *! !!!!!!!!! !!! !!!!!!!!!!!!!!! *! ! !
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logo
NTDB id 1147168 CKV76 RS00330 WP 095197782.1  SYELKLSYIPGTMERKDIENQDSTLAKELRTFAEKGYVGDRYGVDGGFVLRSITDDQDRQKHFFMFGAMGLGGRGAYALD   640
NTDB id 1090 CAA90909.1 1..3114( )            SYNLKLSYIPGTMPRKDIQNTESTLAKDVRTFAEKGYVGDRYGVDGGFVLRKVDN.LNGQNRVFMFGAMGFGGRGAYALD   621
consensus                                     !! !!!!!!!!!!*!!!! ! *!!!!!**!!!!!!!!!!!!!!!!!!!!! *  *   ! * !!!!!!! !!!!!!!!!

logo
NTDB id 1147168 CKV76 RS00330 WP 095197782.1  LSKID.SNPVGVSMFDVQNES..KNNGVKLGYTVGTPQIGKTQNGKYAAFLASGYAAKQIA.SQENKTALYVYDL.GNGS   715
NTDB id 1090 CAA90909.1 1..3114( )            LTKADGSDPTAVSLFDVKDNGNNGNNRVELGYTVGTPQIGKTHDGKYAAFLASGYATKEIITSGDNKTALYVYDLEGNGT   701
consensus                                     !*! !*! ! *!!*!!!    ** !! ! !!!!!!!!!!!!!* !!!!!!!!!!!! ! ! *! *!!!!!!!!!!*!!!*

logo
NTDB id 1147168 CKV76 RS00330 WP 095197782.1  GSLIKKIEVQGGKGGLSSPTLVDKDLDGTVDIAYAGDRGGNMYRFDLSNSDPSKWSVSTIFEGGKPITSAPAVSRLADKR   795
NTDB id 1090 CAA90909.1 1..3114( )            NNLIKKIEVPGGKGGLSSPTLVDKDLDGTVDIAYAGDRGGNMYRFDLSSQDPQQWSVRTIFEGTKPITSAPAISQLKDKR   781
consensus                                       !!!!!!!*!!!!!!!!!!!!!!!!!!!
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X non conserved
X similar
X $\geq$ 50% conserved