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logo
NTDB id 128882 IX91 RS20200 WP 004743136.1   ....MNVVKKIYQYADPNLELVGWMGFFGFPAYFYIWSYVYPQSYENGPLRLFCALLLLGLALRKYAPPPLKRYLPYYYI   76
NTDB id 1162 A1552VC RS17020 WP 001882375.1  MIVSMDVIKRVYQYAEPNLSLVGWMGMLGFPAYYFIWEYWFPQSYENLGLRCAAAVLFGGLVFRDSMPKKWQRYMPGYFL   80
consensus                                    ****! !*!**!!!!*!!! !!!!!!  !!!!!**!! ! *!!!!!! *!!* *!*!  !!  !  !**  !!*! !**

logo
NTDB id 128882 IX91 RS20200 WP 004743136.1   ATITICLPFFFSFMMFMNEWSTVWAMSFMSSIFLHVLLVHETRVMLLQAMVAIVAAYLFSYGLEHAPAKVETEVVVIWPY   156
NTDB id 1162 A1552VC RS17020 WP 001882375.1  FTIGFCLPFFFAFMMLMNDWSTIWAMSFMASIFLHILLVHDTRVMALQALFSVLVAYLAVYGLTDF....HPTTLIEWQY   156
consensus                                     !!  !!!!!! !!! !!*!!!*!!!!!! !!!!!*!!!!*!!!! !!!*  ** !!!  !!! * ******  ** !*!

logo
NTDB id 128882 IX91 RS20200 WP 004743136.1   IPIFLFTYVFGNLFYFRNQVEHESKVSIAKSFGAGIAHEMRNPLSALKASVDVLDSSLPSIKTIKGDKAEIDKLDIERMK   236
NTDB id 1162 A1552VC RS17020 WP 001882375.1  IPIFLFTYVFGNLCFFRNQISHETKVSIAKTFGAGIAHEMRNPLSALKTSIDVVRTMIPKPQTAAHTDYSLDAQELDLLH   236
consensus                                    !!!!!!!!!!!!!**!!!!* !!*!!!!!!*!!!!!!!!!!!!!!!!! !*!!* * *! * !  *    *!  *** **

logo
NTDB id 128882 IX91 RS20200 WP 004743136.1   EVLSGADEVIRNGNEAIDLLLTSIDQSRVSHSTFRSYSVEKIARESLASFSYPSDHAKEVVNLHVESDFDYFGSDTLLKY   316
NTDB id 1162 A1552VC RS17020 WP 001882375.1  QILNEADDVIYSGNNAIDLLLTSIDENRVSPASFKKHSVVDVIEKAVKTFPYKNAADQHSVELEVHQPFDFFGSDTLLTY   316
consensus                                     *!  !!*!!  !! !!!!!!!!!!  !!!  *!* *!!  *    * *!*!*  *  * ! !*!* *!!*!!!!!!! !

logo
NTDB id 128882 IX91 RS20200 WP 004743136.1   ALYNLLKNSLYYQNGEEFKIAITIRSDHEFNYLYFEDNGIGIEKDKLEFVFKDFYTSGKSSSYGLGLPFCKRVMHAFGGR   396
NTDB id 1162 A1552VC RS17020 WP 001882375.1  ALFNLLKNAFYYQK.EHFSVCISIEQTSEHNLIRVRDNGVGIAPEMLEDIFRDFYTFGKNGSYGLGLPFCRKVMSAFGGT   395
consensus                                    !!*!!!!!  !!! *!*! **!*!   *!*! *   !!!*!! ** !! *!*!!!! !!  !!!!!!!!!**!!*!!!!

logo
NTDB id 128882 IX91 RS20200 WP 004743136.1   IKCESVLGEWTRFTLKFPRYESQKVSSIKQDILRTKSMLYVGDDVAVKRKLNEFTFYTGALCDVVDIEQARGKEEFEFEY   476
NTDB id 1162 A1552VC RS17020 WP 001882375.1  IRCASQQGQWTEFVLSFPRYDSDTVNEIKTELLKTKSLIYIGSNQAIVRELNQLAVEDEFGFTAISAQQAVRRQDYEFEF   475
consensus                                    !*! !  ! !! ! ! !!!!*!  !  !! **!*!!!**!*!   !* ! !!         *  *   !!  * **!!!*

logo
NTDB id 128882 IX91 RS20200 WP 004743136.1   DLILLDLETCTEQGYL..MLESTLSFTEGKIVYYYDQGRTVHVRISRYLTIYPKSKHSIRKVTQSVERLMFGQ..VSPN   552
NTDB id 1162 A1552VC RS17020 WP 001882375.1  DLILLDLDDATAQGELLPKLEGTLSFAEGCIGYVYDPGKTYAVNINRYLRIQPISIHSILRKPRKIIERLLFEQESLSMN   555
consensus                                    !!!!!!!* ** !  !** !!  !*! !**!  ** * * !*    !*!   !   *  !  *   ** !*! **** *!
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logo
NTDB id 128882 IX91 RS20200 WP 004743136.1   RNLIPKKVPAVVGKRILIADDNESMRQLTTILLNKQGYQVSQAGDGNEVLSVLSSEQVDLILMDLEMPMLDGLETTTLIR   632
NTDB id 1162 A1552VC RS17020 WP 001882375.1  RNVIPLQK.SRHERRILVVDDNQSIRTFTAILLEQQGYEVVQANDGSEVLKHMESQNIDLVLMDIEMPNVGGLEATRLIR   634
consensus                                    !!*!!   *  * *!!!* !!! !*!  ! !!!  !!! ! !! !! !!! ** ! **!!*!!!*!!! * !!! ! !!!

logo
NTDB id 128882 IX91 RS20200 WP 004743136.1   ESEEVYANVPILGHTGDNRKETLTKIDQAGMNGYLIKPVDKVKLLDKVADYI   684
NTDB id 1162 A1552VC RS17020 WP 001882375.1  NSEHEYKNIPIIGYTGDNSPKTLALVQTSGMNDFIVKPADRDVLLNKVAAWV   686
consensus                                     !!* ! !*!!*!*!!!! * !!  *   !!! ***!! !*  !! !!! **
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X non conserved

X similar

X $\geq$ 50% conserved