```
logo
NTDB id 254535 CTT30 RS18720 WP 252037488.1  MTAVLESVRKVYQYAEPNLTLVGWMGLLGFPTYYYVWSYLFPQPYENLALRLLCSALFAVIAFRHSLPKYLQKYMPQYYL   80
NTDB id 1162 A1552VC RS17020 WP 001882375.1  MIVSMDVIKRVYQYAEPNLSLVGWMGMLGFPAYYFIWEYWFPQSYENLGLRCAAAVLFGGLVFRDSMPKKWQRYMPGYFL   80
consensus                                    !    ** ***!!!!!!!!!*!!!!!!*!!!! !!**! ! !!!*!!!!*!!* *  !!* * !!*!*!!  !*!!! !*!

logo

NTDB id 254535 CTT30 RS18720 WP 252037488.1  VSIAFCLPCFFSFMMFMNQWSTIWAMSFMASIFLHILLVHQTRLMLLQAVFSLLIAFFAVYGFDFSYAIEQVVWPYIPIF  160
NTDB id 1162 A1552VC RS17020 WP 001882375.1  FTIGFCLPFFFAFMMLMNDWSTIWAMSFMASIFLHILLVHDTRVMALQALFSVLVAYLAVYGLTDFHPTTLIEWQYIPIF  160
consensus                                     *!*!!!!*!! !!! !! !!!!!!!!!!!!!!!!!!!!! !!*! !!!*!!*!*!* !!!!    **   * !*!!!!!

logo

NTDB id 254535 CTT30 RS18720 WP 252037488.1  LFTYVFGNLFYFRNQVEHESKVSIAKSFGAGIAHEMRNPLSALKASFDVLSSLLPDDKSKYSDFYPMSHQELTIAREVLS  240
NTDB id 1162 A1552VC RS17020 WP 001882375.1  LFTYVFGNLCFFRNQISHETKVSIAKTFGAGIAHEMRNPLSALKTSIDVVRTMIPKPQTAAHTDYSLDAQELDLLHQILN  240
consensus                                    !!!!!!!!!**!!!!* !!*!!!!!!*!!!!!!!!!!!!!!!!! ! !!* ***! * *  *  !** *!!! * * *!

logo

NTDB id 254535 CTT30 RS18720 WP 252037488.1  DADEVIQYGNETIDLLLTSIDENRVSTSTFKKQSLKRVIEDSLASFAYKSSKDKQSVQFHCEEDAAFFGSDTLIKYALYN  320
NTDB id 1162 A1552VC RS17020 WP 001882375.1  EADDVIYSGNNAIDLLLTSIDENRVSPASFKKHSVVDVIEKAVKTFPYKNAADQHSVELEVHQPFDFFGSDTLLTYALFN  320
consensus                                    *!!*!!  !!  !!!!!!!!!!!!!!* *!!!*!*  !!!  * *!*!!   ! *!!  *** *  !!!!!!!* !!!*!

logo

NTDB id 254535 CTT30 RS18720 WP 252037488.1  LLKNAFYYQSGEDFRINIELRCYEKYNVMTFRDNGVGIAPDVLENIFKDFYTFGKSGSYGLGLPFCRKVMQAVGGKISCQ  400
NTDB id 1162 A1552VC RS17020 WP 001882375.1  LLKNAFYYQK.EHFSVCISIEQTSEHNLIRVRDNGVGIAPEMLEDIFRDFYTFGKNGSYGLGLPFCRKVMSAFGGTIRCA  399
consensus                                    !!!!!!!!! *!*! **! * *   *!**  !!!!!!!!!**!! !!*!!!!!!! !!!!!!!!!!!!!! ! !! ! !

logo

NTDB id 254535 CTT30 RS18720 WP 252037488.1  SVLNEWTEFTLTFPKYQSEKVDHIKLDLMKSKSALYVGDTSVISRLLNEQSFYKGFTLNTVDIELANSREEYEFEYDLIF  480
NTDB id 1162 A1552VC RS17020 WP 001882375.1  SQQGQWTEFVLSFPRYDSDTVNEIKTELLKTKSLIYIGSNQAIVRELNQLAVEDEFGFTATISAQQAVRRQDYEFEFDLIL  479
consensus                                    !    !!!! !*!!*! !* ! *!! *!*!*!! *!*!    ! ! !!        !    *    !  ! *!!!!*!!!

logo

NTDB id 254535 CTT30 RS18720 WP 252037488.1  IDLDAVITSPNQLAALENKLHFTEARIVFLYDENNRYHNDIERHLTIYPVEKHRMLLEPGRVLDELFFESP..EPDRNLL  558
NTDB id 1162 A1552VC RS17020 WP 001882375.1  LDLDDATAQGELLPKLEGTLSFAEGCIGYVYDPGKTYAVNINRYLRIQPISIHSILRKPRKIIERLLFEQESLSMNRNVI  559
consensus                                    *!!!     *  !* !!  !*! !**! **!!*   !*  ! !*! ! !*  ! *!  ! **** ! !! *** * !!**
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logo
NTDB id 254535 CTT30 RS18720 WP 252037488.1  PRKEVRVGKTIVIADDNHSLRTYTSILLEQQGFEVIQAQNGQEVLDKLQNNLVDLVLMDIEMPQLNGLDAANAIRSSDRE   638
NTDB id 1162 A1552VC RS17020 WP 001882375.1  PLQKSRHERRILVVDDNQSIRTFTAILLEQQGYEVVQANDGSEVLKHMESQNIDLVLMDIEMPNVGGLEATRLIRNSEHE   639
consensus                                    !     !* * !** !!!*!*!!*! !!!!!!!*!!*!!* ! !!! **   * *!!!!!!!!!!** !!*!    !! !**!

logo
NTDB id 254535 CTT30 RS18720 WP 252037488.1  YANVPILGHTGDSTSGAIDKIHESGMNDYIIKPAGTEVLLDKISNWI   685
NTDB id 1162 A1552VC RS17020 WP 001882375.1  YKNIPIIGYTGDNSPKTLALVQTSGMNDFIVKPADRDVLLNKVAAWV   686
consensus                                    ! !*!!*!*!!! **   *  ** !!!!!*!*!!!  *!!! !*  !*
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X non conserved

X similar

X $\geq$ 50% conserved