```
logo
NTDB id 1067469 ACHZDB RS20945 WP 045403299.1  ....MDAIRKVYQYAEPNLTLVGWMGFVGFPIYYIVWEFMFPQPYENLPLRILCSILFFGIIYRNRTPFEWRRFLPAYYQ   76
NTDB id 1162 A1552VC RS17020 WP 001882375.1   MIVSMDVIKRVYQYAEPNLSLVGWMGMLGFPAYYFIWEYWFPQSYENLGLRCAAAVLFGGLVFRDSMPKKWQRYMPGYFL   80
consensus                                     ****!! !**!!!!!!!!!*!!!!!! *!!! !! *!!* !!!*!!!!*!!* * *!! !***!   !  ! !**!*!*

logo
NTDB id 1067469 ACHZDB RS20945 WP 045403299.1  VVTTLCLPCFFFYMLLMNNWSNVWVMSFMSAIFLHILLVHITSVMFAQTFAGIGLATFFAWVAQGFHLELTMDWTHVPIF  156
NTDB id 1162 A1552VC RS17020 WP 001882375.1   FTIGFCLPFFFAFMMLMNDWSTIWAMSFMASIFLHILLVHDTRVMALQALFSVLVAYLAVYGLTDFHPTTLIEWQYIPIF  160
consensus                                          !!!*!! *!*!!! !! *! !!!!  !!!!!!!!! ! !!  !    * *!    *    !!*   **! **!!!

logo
NTDB id 1067469 ACHZDB RS20945 WP 045403299.1  LFIYLFGNLFYFRNQVEHEAKVSIAKSFGAGIAHEMRNPLSGLLTSIDVIQSVLPNPKEGKKEQYTLSDEDVTLLREVSS  236
NTDB id 1162 A1552VC RS17020 WP 001882375.1   LFTYWFGNLCFFRNQISHETKVSIAKTFGAGIAHEMRNPLSALKTSIDVVRTMIPKPQTAAHTDYSLDAQELDLLHQILN  240
consensus                                     !! !*!!!!**!!!!* !! !!!!!!*!!!!!!!!!!!!!!*! !!!!!* ***! !  * *  !*!   ** !!* *

logo
NTDB id 1067469 ACHZDB RS20945 WP 045403299.1  DAMKIIHSGNETIDLLLTSIDENRVSRSTFKKHSAQSVVESAIESFSYKRSTDRFAISLDVRSEFDFLGSDTLLKYVMYN  316
NTDB id 1162 A1552VC RS17020 WP 001882375.1   EADDVIYSGNNAIDLLLTSIDENRVSPASFKKHSVVDVIEKAVKTFPYKNAADQHSVELEVHQPFDFFGSDTLLTYALFN  320
consensus                                     *!  *!*!!!  !!!!!!!!!!!!!!* *!!!!!   !*! !* *!*!!   ! * * !*!* *!!! !!!!!! ! **!

logo
NTDB id 1067469 ACHZDB RS20945 WP 045403299.1  LFKNAFHHRSSEDFHIHVTMYSDEFANQIVVTDNGSGIAPEVLQSIFQDFYTTGKSGNYGLGLPFCKKVMRSFGGDIRCQ  396
NTDB id 1162 A1552VC RS17020 WP 001882375.1   LLKNAFYYQK.EHFSVCISIEQTSEHNLIRVRDNGVGIAPEMLEDIFRDFYTFGKNGSYGLGLPFCRKVMSAFGGTIRCA  399
consensus                                     ! !!!!**  *!*!** ***     *! ! ! !!! !!!!!*!  !! !!!! !! ! !!!!!!!!*!!!  !!! !!!

logo
NTDB id 1067469 ACHZDB RS20945 WP 045403299.1  SEVGEWSQFTMTFPTIGSSAVKEIKSELTKLKTILFVSEQNILVSKVTDIARFMGFELTVLDVPAVLKKKEYEFEFDLIL  476
NTDB id 1162 A1552VC RS17020 WP 001882375.1   SQQGQWTEFVLSFPRYDSDTVNEIKTELLKTKSLIYIGSNQAIVRELNQLAVEDEFGFTAISAGQAVRRQDYEFEFDLIL  479
consensus                                     !  ! !* ! **!!   !  ! !!!*!! ! !*****  ** *!  *  *!    !  ! *  *  *** *!!!!!!!!!

logo
NTDB id 1067469 ACHZDB RS20945 WP 045403299.1  IDMESLDARGSHIDKVESLLSFTEARIVYMFEHHPIQRA...RSVSFEPIWVETQAWLLNTRATIDRLLYDANYVVPSMP  553
NTDB id 1162 A1552VC RS17020 WP 001882375.1   LDLDDATAQGELLPKLEGTLSFAEGCIGYVYDPGKTYAVNINRYLRIQPISI..HSILRKPRKIIERLLFEQESLSMNRN  557
consensus                                     *!**   ! ! ***!*!  !!! !**! !*** **    ***! *   !! ****  !  *!  !*!!!**   * *  *
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logo
NTDB id 1067469 ACHZDB RS20945 WP 045403299.1  AKPL.DSTNKRTIMVVDDNESLRKFTAMLLEKQGFEVIQTEDGLQAINALNENNVDLILMDIEMPVMDGVEASRQIRGSN   632
NTDB id 1162 A1552VC RS17020 WP 001882375.1    VIPLQKSRHERRILVVDDNQSIRTFTAILLEQQGYEVVQANDGSEVLKHMESQNIDLVLMDIEMPNVGGLEATRLIRNSE   637
consensus                                        !!* ! * ! !*!!!!! !*! !!!*!!! !!*!!*!  !!   * **  *!*!!*!!!!!!! * !*!!*! !! !

logo
NTDB id 1067469 ACHZDB RS20945 WP 045403299.1  KAYASVPIIAHTGDSSPITLDKIGSSGMSDFIVKPADKNRLFDKIANWI   681
NTDB id 1162 A1552VC RS17020 WP 001882375.1    HEYKNIPIIGYTGDNSPKTLALVQTSGMNDFIVKPADRDVLLNKVAAWV   686
consensus                                      * !  *!!!**!!! !! !!  * *!!! !!!!!!!!*  !  !*! !*
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X non conserved

X similar

X $\geq$ 50% conserved