```
logo

NTDB id 1079738 ACKUBV RS17490 WP 025623178.1  MCTKNETKPLPSFIEERLNFHIQDLIKSNENQKHLVLGKRPSENAVVMQSNDYLSLSHNELIQKAHRDAISERDDNVVMS   80
NTDB id 1155 A1552VC RS17030 WP 001039912.1    ....MNKPQLPDFIQNKIDHYIENYFDINKNGKHLVLGKQASPDDIILQSNDYLALANHPLIKARLAKSLLEEQQSLFMS   76
consensus                                      ****   **!! !!  ** **!      ! ! !!!!!!! *!*  ***!!!!!! ! ***!!   *   * !    * !!

logo

NTDB id 1079738 ACKUBV RS17490 WP 025623178.1  AIFLQDDQSKPAFEHQLATFIGMESCLLSQSGWAANIGLLQTICAPNLPVYIDFFAHMSLWEGARTAGAQIHPFMHNNMN  160
NTDB id 1155 A1552VC RS17030 WP 001039912.1    ASFLQNDYDKPMIEKRLAKFTGFDECLLSQSGWNANVGLLQTICQPNTNVYIDFFAHMSLWEGARYANAQAHPFMHNNCD  156
consensus                                      ! !!! !  !!  !* !! ! ! * !!!!!!!! !!*!!!!!!! !! *!!!!!!!!!!!!!!!! ! !! !!!!!!!*

logo

NTDB id 1079738 ACKUBV RS17490 WP 025623178.1  HLRKQIQRHGAGIIVVDSVYSTIGTIAPLRAIYEMAKEFDCGLVVDESHSLGTHGPKGSGLLQELGLTQMVDFVTVSLAK  240
NTDB id 1155 A1552VC RS17030 WP 001039912.1    HLRMLIQRHGPGIIVVDSIYSTLGTIAPLAELVNISKEFGCALLVDESHSLGTHGPNGAGLLAELGLTREVHFMTASLAK  236
consensus                                      !!!  !!!!!*!!!!!!!*!!!*!!!!!!  *  * !!! !*!*!!!!!!!!!!!! ! !!! !!!!!  !*!*! !!!!

logo

NTDB id 1079738 ACKUBV RS17490 WP 025623178.1  TFAYRAGAILGPNKLAQSLPFVAYPAIFSSTVLPQEVVRLEKTLEVIKAADDKRECLFKRAKELAIGLKRIGFNIRSESQ  320
NTDB id 1155 A1552VC RS17030 WP 001039912.1    TFAYRAGAIWCNNEVNRCVPFISYPAIFSSTLLPYEAAGLETTLEIIESADNRRQHLDRMARKLRIGLSQLGLTIRSESQ  316
consensus                                      !!!!!!!!! **! *  **!!* !!!!!!!!*!! !   !! !!!*!  !! *!  ! * !* ! !!!  *!  !!!!!!

logo

NTDB id 1079738 ACKUBV RS17490 WP 025623178.1  IIALECGSERNTERVRDFLEERDVFGAVFCRPATGRNKNIIRFSVNADMTAQQVDRVLSACQEAFDHPDLEFV  393
NTDB id 1155 A1552VC RS17030 WP 001039912.1    IIGLETGDERNTEKVRDYLESNGVFGSVFCRPATSKNKNIIRLSLNSDVNDEQIAKIIEVCSDAVNYGDFYFR  389
consensus                                      !!*!!*! !!!!!*!!!*!!   !!! !!!!!!! *!!!!!! !*! !*   !* ***  ! *!  **!  !
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X non conserved

X similar

X $\geq$ 50% conserved