```
logo
NTDB id 83752 VA249 RS16990 WP 221071847.1   MSQQLKSKPLPSFIEERLEFYFQDLIEPNTNQKHLVLGQRPQADAIVMQSNDYLSLSHNQDIQRAHRDAISSHDDNVVMS   80
NTDB id 1155 A1552VC RS17030 WP 001039912.1  ....MNKPQLPDFIQNKIDHYIENYFDINKNGKHLVLGKQASPDDIILQSNDYLALANHPLIKARLAKSLLEFQQSLFMS   76
consensus                                    *****  **!! !!  ****!     **! ! !!!!!!  * *! !**!!!!!! ! *** !   *   *  *   * !!

logo
NTDB id 83752 VA249 RS16990 WP 221071847.1   AIFLQDETTKPAFEHQLAEYVGMESCLLSQSGWAANIGLLQTICAPNSPVYIDFFAHMSLWEGIRAAGAQAFPFMHNNMN   160
NTDB id 1155 A1552VC RS17030 WP 001039912.1  ASFLQNDYDKPMIEKRLAKFTGFDECLLSQSGWNANVGLLQTICQPNTNVYIDFFAHMSLWEGARYANAQAHPFMHNNCD   156
consensus                                    ! !!! *  !!  !* !! * ! * !!!!!!!! !!*!!!!!!! !!**!!!!!!!!!!!!!! ! ! !!!*!!!!!!*

logo
NTDB id 83752 VA249 RS16990 WP 221071847.1   HLRKQVERHGPGVIVVDSVYSTIGTIAPLRDIYEMAQAYDCAVVVDESHSLGTHGPNGEGLVKALGLTEHVDFITVSLAK   240
NTDB id 1155 A1552VC RS17030 WP 001039912.1  HLRMLIQRHGPGIIVVDSIYSTLGTIAPLAELVNISKEFGCALLVDESHSLGTHGPNGAGLLAELGLTREVHFMTASLAK   236
consensus                                    !!!   * !!!!!*!!!!!*!!!*!!!!!! **  *   * !!**!!!!!!!!!!!!!! !!*  !!!! *!*!*! !!!!

logo
NTDB id 83752 VA249 RS16990 WP 221071847.1   TFAYRAGAILGPKKLAQTLPFVAYPAIFSSTVLPQEIVRLEKTLEVIKKSDDKRNQLFNHAKALTTGLKQIGFHIRSESQ   320
NTDB id 1155 A1552VC RS17030 WP 001039912.1  TFAYRAGAIWCNNEVNRCVPFISYPAIFSSTLLPYEAAGLETTLEIIESADNRRQHLDRMARKLRIGLSQLGLTIRSESQ   316
consensus                                    !!!!!!!!! **  *  **!!* !!!!!!!!*!! !   !! !!!*!   ! *!**!  *!* !  !! !*! *!!!!!!

logo
NTDB id 83752 VA249 RS16990 WP 221071847.1   IVALECGNERNTERVRDFLEDNNVFGAVFCRPATGRNKNIIRFSLNADMTPQDIDHVLTVCQKAFDHPELEFV   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