```
logo
NTDB id 37179 TOL RS02870 WP 015485766.1     .........MSNYISTDSDWTFELLEEYDREIARVAAIYKLDTYPNQIEVISAEQMMDAYSSVGMPIGYNHWSYGKQFLS   71
NTDB id 1450 BW25113 RS06185 WP 000190854.1  MATIDSMNKDTTRLSDGPDWTFDLLDVYLAEIDRVAKLYRLDTYPHQIEVITSEQMMDAYSSVGMPINYPHWSFGKKFIE   80
consensus                                    ********* *   *!   *!!!!*!!* !   !! !!! *!*!!!!!*!!!!!* !!!!!!!!!!!!!! !*!!!*!! !*

logo
NTDB id 37179 TOL RS02870 WP 015485766.1     TQKSYKRGQMGLAYEIVINSNPCIAYLMEENTLPMQALVIAHACYGHNSFFKNNYLFRTWTDASSIIDYLVFAKNYVRKC  151
NTDB id 1450 BW25113 RS06185 WP 000190854.1  TERLYKHGQQGLAYEIVINSNPCIAYLMEENTITMQALVMAHACYGHNSFFKNNYLFRSWTDASSIVDYLIFARKYITEC  160
consensus                                    ! * !!*!! !!!!!!!!!!!!!!!!!!!!!!**!!!!!*!!!!!!!!!!!!!!!!!!!*!!!!!!!*!!!*!!* !*  !

logo
NTDB id 37179 TOL RS02870 WP 015485766.1     EERHGQEEVERVLDACHALQNYGVDRYRRPSPISAAEERVRQQEREEIRQQQLNDLWRTIPLKKKDDAPRKRRQYPSEPQ  231
NTDB id 1450 BW25113 RS06185 WP 000190854.1  EERYGVDEVERLLDSCHALMNYGVDRYKRPQKISLQEEKARQKSREEYLQSQVNMLWRTLPKREEEKTVAEARRYPSEPQ  240
consensus                                    !!!*! *!!!!*!! !!!! !!!!!!!*!! *!!  !!* !!  !!!  ! !*! !!!!*! *  *  *   ! !!!!!!

logo
NTDB id 37179 TOL RS02870 WP 015485766.1     ENLLYFLEKNAPLLDPWQRELIRIVRKVSQYFYPQRQTQVMNEGWATFWHYTILNHLYDEGKVNEGFMMEFLTSHTNVVF  311
NTDB id 1450 BW25113 RS06185 WP 000190854.1  ENLLYFMEKNAPLLESWQREILRIVRKVSQYFYPQKQTQVMNEGWATFWHYTILNHLYDEGKVTERFMLEFLHSHTNVVF  320
consensus                                    !!!!!!*!!!!!!!**!!!!**!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !  !!*!!!*!!!!!!

logo
NTDB id 37179 TOL RS02870 WP 015485766.1     QPGFDSPYFNGINPYALGFNMFCDIKRICENPTDEDREWFPDIAGKDWLETVHFAMKNFKDESFIQQFLSPHLMREFHLF  391
NTDB id 1450 BW25113 RS06185 WP 000190854.1  QPPYNSPWYSGINPYALGFAMFQDIKRICQSPTEEDKYWFPDIAGSDWLETLHFAMRDFKDESFISQFLSPKVMRDFRFF  400
consensus                                    !!** !!** !!!!!!!!! !!*!!!!!!  !!*!!* !!!!!!! !!!!!*!!!!* !!!!!!! !!!!!**!!*!* !

logo
NTDB id 37179 TOL RS02870 WP 015485766.1     SIYDDDEAPTYKVGAIHNENGYRKLRETLARQYDLSMREPNIQIVSVDIEGDRSMTLRHIRQNSTPLSGDTYEVLKHLHS  471
NTDB id 1450 BW25113 RS06185 WP 000190854.1  TVLDDDRHNYLEISAIHNEEGYREIRNRLSSQYNLSNLEPNIQIWNVDLRGDRSLTLRYIPHNRAPLDRGRKEVLKHVHR  480
consensus                                    ** !!! **   * !!!!! !!! *!  !  !! !!  !!!!!!  !!* !!!!*!!!*!**!  !!     !!!!!*!

logo
NTDB id 37179 TOL RS02870 WP 015485766.1     LWGFDIHLESWENDKKISRMSCPSITLDDL   501
NTDB id 1450 BW25113 RS06185 WP 000190854.1  LWGFDVMLEQQNEDGSIELLERCPPRMGNL   510
consensus                                    !!!!!**!!    !  !  * * ** *  !
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X non conserved
X similar
X $\geq$ 50% conserved