```
logo
NTDB id 185462 FBA2 RS06615 WP 064777317.1  .MKTKTTVQFNTEFMLLLGRLLQNGFSLQQALEFMPIVFPTQKQWLHQVQTGLEAGKRLAPSLAAVSFPTHLVAQIELTELQGNL   84
NTDB id 618 LCA RS06475 WP 011375000.1      MYKLRQQAQFYADFLQLLGRLLENGFSLQQAFAFLPIVFPKQRQWLNQVNQALEKGDSLAVSLAHADFPTDYVGQIELTELQGNL   85
consensus                                   * ! *   !!  *!* !!!!!! !!!!!!!!  !*!!!!! !*!!!*!!* *!! !  !!*!!!*  !!!* !*!!!!!!!!!!!
```

```
logo
NTDB id 185462 FBA2 RS06615 WP 064777317.1  GECLLHLGQLQRIQQKRRREIVGVIAYPCFLLLFLGALIGMMQIYLFPEIAQFNPTTSATSPLQLFFRV.....MGTFVIMAGGL   164
NTDB id 618 LCA RS06475 WP 011375000.1      GQCLWHLGRIQSIRQKRRREIRGVLAYPLFLLAFLGGLIGLLRHYLLPEIAQITPESNQTGSPLSRIILWGFLLVLVLLIMGSGL   170
consensus                                   ! !! !!! *! ! !!!!!!* !!*!!!*!!! !!!*!!!** *!! !!!!!  ! *  ! **     *******   *!!* !!
```

```
logo
NTDB id 185462 FBA2 RS06615 WP 064777317.1  ISVYLFRWYRRPLLQRLAAAFRWPFIGKTLQAYYQYCLLFDLATCLNNGLNLAEMHQLTHRLAKTSWLVQLMQQLETAVQKGGTL   249
NTDB id 618 LCA RS06475 WP 011375000.1      F....MVYRRLPVLVRLQKAFKWPIIGRDIQQYYHYCLLFDLSTCLQNGLKLTEICALQKQLQQNTWLVTLVAQLEVVLASGQSL   251
consensus                                    **** *  ! !*! !!  !!*!! !!* *! !!*!!!!!!! !!!*!!! ! !*  ! * !   *!!! !* !!!  *  ! *!
```

```
logo
NTDB id 185462 FBA2 RS06615 WP 064777317.1  LANLADGVFYPPELQLVLAKGSPLQQMAKEVDLLAVIKYDELQRQLKQKVNWLQPLLFILIGIIIICTYLSILLPLYHTMEGIS   333
NTDB id 618 LCA RS06475 WP 011375000.1      DAYLSRSAFFPQSLRLVLAKHNLTQQTTDEITMLANLQYTELQKQLQRKVSWLQPILFILIGLIIICTYLSILLPLYQTMEGIS   335
consensus                                    ! !     !*!* ! !!!!!* * !!   !* *!! * ! !!!*!!  !! !!!!*!!!!!!*!!!!!!!!!!!!!!!*!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved