```
logo
NTDB id 180047 A4W74 RS03690 WP 004270906.1  .MKTKTTVQFNTEFMLLLGRLLQNGFSLQQALEFMPIVFPTQKQWLHQVQTGLEAGKRLAPSLAAVSFPTHLVAQIELTE   79
NTDB id 618 LCA RS06475 WP 011375000.1       MYKLRQQAQFYADFLQLLGRLLENGFSLQQAFAFLPIVFPKQRQWLNQVNQALEKGDSLAVSLAHADFPTDYVGQIELTE   80
consensus                                    * ! *   !!  *!* !!!!!! !!!!!!!!  !*!!!!! !*!!!*!!* *!! !  !!*!!!*  !!!* !*!!!!!!
```

```
logo
NTDB id 180047 A4W74 RS03690 WP 004270906.1  LQGNLGECLLHLGQLQRIQQKRRRELVGVIAYPCFLLLFLGALIGMMQIYLFPEIAQFNPTTSATSPLQLFF.....RVM  154
NTDB id 618 LCA RS06475 WP 011375000.1       LQGNLGQCLWHLGRIQSIRQKRRREIRGVLAYPLFLLAFLGGLIGLLRHYLLPEIAQITPESNQTGSPLSRIILWGFLLV  160
consensus                                    !!!!!! !! !!! *! ! !!!!!!* !!*!!!*!!! !!!*!!!** *!! !!!!!  ! *  ! **    ***** **
```

```
logo
NTDB id 180047 A4W74 RS03690 WP 004270906.1  GTFVIMAGGLISVYLFRWHRRPLLQRLAAAFRWPFIGKTLQAYYQYCLLFDLATCLNNGLNLAEMHQLTHRLAKTSWLVQ  234
NTDB id 618 LCA RS06475 WP 011375000.1       LVLLIMGSGLF....MVYRRLPVLVRLQKAFKWPIIGRDIQQYYHYCLLFDLSTCLQNGLKLTEICALQKQLQQNTWLVT  236
consensus                                       *!!* !! ****  **! !*! !!  !!*!! !!* *! !!*!!!!!!! !!!*!!! ! !*  ! * !   *!!!
```

```
logo
NTDB id 180047 A4W74 RS03690 WP 004270906.1  LMQQLETAVQKGGTLLANLADGVFYPPELQLVLAKGSPLQQMAKEVDLLAVIKYDELQRQLKQKVNWLQPLLFILIGIII  314
NTDB id 618 LCA RS06475 WP 011375000.1       LVAQLEVVLASGQSLDAYLSRSAFFPQSLRLVLAKHNLTQQTTDEITMLANLQYTELQKQLQRKVSWLQPILFILIGLII  316
consensus                                    !* !!!  *  ! *! ! !    !*!* ! !!!!!* * !!   !* *!! * ! !!!*!!  !! !!!!*!!!!!!*!!
```

```
logo
NTDB id 180047 A4W74 RS03690 WP 004270906.1  ICTYLSILLPLYHTMEGIS   333
NTDB id 618 LCA RS06475 WP 011375000.1       ICTYLSILLPLYQTMEGIS   335
consensus                                    !!!!!!!!!!!!*!!!!!!
```

X non conserved
X similar
X ≥ 50% conserved