```
logo

NTDB id 1030606 AB6W33 RS02970 WP 000796095.1  MKNRDPKRKHKSLLGLLKWWIIGFAFLLLVLASLVVRLPYYLEMPGGAYDIRSVLKVNKKADKAKGSYNFVAVSVSQATP   80
NTDB id 360 SMU RS02495 WP 002262039.1         ..........MKTNKKFKWWLISGISLILLMVFFFPLPYYLEMPGGAYDIRSVVTVNHKEDKEKGSYNFVAVSLSKATP   70
consensus                                      **********       !!!*!    !*!*!     *!!!!!!!!!!!!!!!!!* !!*! !! !!!!!!!!!!*! !!!

logo

NTDB id 1030606 AB6W33 RS02970 WP 000796095.1  AQVLYAWLTPFTELSSKEETTGGFSNDDYLRINQFYMETSQNESIYQALKLANKQVSLTYKGVYVLNLAKNSTFKDRLHL  160
NTDB id 360 SMU RS02495 WP 002262039.1         IQVLYAWLTPFTEITSAKETTGGVSDADYMRINQFYMETSQNGAIYKALSLAHKKASFNYMGVYVLQVSRNSTFKGVLNI  150
consensus                                       !!!!!!!!!!!!**!  !!!!! !  !!*!!!!!!!!!!!!  !! !! !!*!  !  ! !!!!!** *!!!!!  !**

logo

NTDB id 1030606 AB6W33 RS02970 WP 000796095.1  ADTVTGVNGKSFKNSSQLIKYVAALHLGDKVKVQYTSQGKKKESVGKVIKLSNGKNGIGIGLTDHTEVLSDVPVDFNTEG  240
NTDB id 360 SMU RS02495 WP 002262039.1         ADTVTGVNDKTFHSSKELIKYVSGLKLGSKVSVQYTSENKKKTAKGKVIKLSNGKNGIGIGLVDHTKVTSDDKIEFSTNG  230
consensus                                      !!!!!!!! !*!* !  !!!!! *!*!! !! !!!!!  !!!   !!!!!!!!!!!!!!!!! !!! ! !! ***! ! !

logo

NTDB id 1030606 AB6W33 RS02970 WP 000796095.1  VGGPSAGLMFTLAIYDQLVKEDLRKGRKIAGTGTIEQNGHVGDIGGAGLKVVSAAKKGMDIFFVPNNPIDKNAKKGKTKV  320
NTDB id 360 SMU RS02495 WP 002262039.1         IGGPSAGLMFTLDIYDQLVKEDLRKGRIIAGTGTIGEDGSVGDIGGADMKVAAADRINADIFFVPNNPVSKATLKKNPKA  310
consensus                                      *!!!!!!!!!!! !!!!!!!!!!!!!!! !!!!!!!   !*!!!!!!! *!!  ! *   !!!!!!!!!* !   !  *!

logo

NTDB id 1030606 AB6W33 RS02970 WP 000796095.1  QTNYQEAKAAAKRLGTKMKIVPVQNVQQAIDYLKKTK   357
NTDB id 360 SMU RS02495 WP 002262039.1         LTNYQEAKQAAKKLGTKMKIVPVKNVQEAIDYLRKH.  346
consensus                                       !!!!!!! !!!*!!!!!!!!!!! !!! !!!!!*!**
```

X non conserved

X similar

X $\geq$ 50% conserved