```
logo

NTDB id 240493 CHF17 RS02995 WP 000790649.1  MKNKDPKRKHKSLLGLLKWWIIGFAFLLLVLASLVVRLPYYLEMPGGAYDIRSVLKVNKKADKAKGSYNFVAVSVSQATP   80
NTDB id 360 SMU RS02495 WP 002262039.1       ..........MKTNKKFKWWLISGISLILLLMVFFFPLPYYLEMPGGAYDIRSVVTVNHKEDKEKGSYNFVAVSLSKATP   70
consensus                                    **********       !!!*!    !*!*!     *!!!!!!!!!!!!!!!!!* !!*! !! !!!!!!!!!!*! !!!

logo

NTDB id 240493 CHF17 RS02995 WP 000790649.1  AQVLYAWLTPFTELSSKEETTGGFSNDDYLRINQFYMETSQNESIYQALKLANKQVSLTYKGVYVLNLAKNSTFKDRLHL  160
NTDB id 360 SMU RS02495 WP 002262039.1       IQVLYAWLTPFTEITSAKETTGGVSDADYMRINQFYMETSQNGAIYKALSLAHKKASFNYMGVYVLQVSRNSTFKGVLNI  150
consensus                                     !!!!!!!!!!!!**!  !!!!! !  !!*!!!!!!!!!!!!  !! !! !!*!  !  ! !!!!!** *!!!!!  !**

logo

NTDB id 240493 CHF17 RS02995 WP 000790649.1  ADTVTGVNGKSFKNSSQLIKYVAALHLGDKVKVQYTSQGKKKESVGKVIKLSNGKNGIGIGLTDHTEVSSDVPVDFNTEG  240
NTDB id 360 SMU RS02495 WP 002262039.1       ADTVTGVNDKTFHSSKELIKYVSGLKLGSKVSVQYTSENKKKTAKGKVIKLSNGKNGIGIGLVDHTKVTSDDKIEFSTNG  230
consensus                                    !!!!!!!! !*!* !  !!!!! *!*!! !! !!!!!  !!!   !!!!!!!!!!!!!!!!!! !!! !*!! ***! ! !

logo

NTDB id 240493 CHF17 RS02995 WP 000790649.1  VGGPSAGLMFTLAIYDQLVKEDLRKGRKIAGTGTIEQNGHVGDIGGAGLKVVSAAKKGMDIFFVPNNPIDKNAKKGKTKV  320
NTDB id 360 SMU RS02495 WP 002262039.1       IGGPSAGLMFTLDIYDQLVKEDLRKGRIIAGTGTIGEDGSVGDIGGADMKVAAADRINADIFFVPNNPVSKATLKKNPKA  310
consensus                                    *!!!!!!!!!!! !!!!!!!!!!!!!!! !!!!!!!   !*!!!!!!! *!!  ! *   !!!!!!!!!* !   !  *!

logo

NTDB id 240493 CHF17 RS02995 WP 000790649.1  QTNYQEAKAAAKRLGTKMKIVPVQNVQQAIDYLKKTK   357
NTDB id 360 SMU RS02495 WP 002262039.1       LTNYQEAKQAAKKLGTKMKIVPVKNVQEAIDYLRKH.   346
consensus                                     !!!!!!! !!!*!!!!!!!!!!! !!! !!!!!*!**
```

X non conserved

X similar

X $\geq$ 50% conserved