```
logo

NTDB id 141240 MNA02 RS07815 WP 011681549.1  MANKTKSKALLEKMWRIKWWLLSIFTVLFLLFALFFPLNNYYVELPGGAFDTKEVLTVNKKADDSKGSYNFVAVAQTKAT   80
NTDB id 360 SMU RS02495 WP 002262039.1       ..........MKTNKKFKWWLISGISLILLLMVFFFPL.PYYLEMPGGAYDIRSVVTVNHKEDKEKGSYNFVAVSLSKAT   69
consensus                                    ***********    * !!!!*!  *** !!   !!!!**!!*!*!!!!*! * !*!!!*! !  !!!!!!!!!  *!!!

logo

NTDB id 141240 MNA02 RS07815 WP 011681549.1  LALMLYAQFNDFAKLQTAEEATGNYSDEDFMRINQFYMETSQNQAVYQGLTLAGKEVSLEYMGVYVLQVADDSSFKGVLN  160
NTDB id 360 SMU RS02495 WP 002262039.1       PIQVLYAWLTPFTEITSAKETTGGVSDADYMRINQFYMETSQNGAIYKALSLAHKKASFNYMGVYVLQVSRNSTFKGVLN  149
consensus                                    *  *!!!   *!  * *! ! !!  !! !*!!!!!!!!!!!! !*! *!*!!*!  !  !!!!!!!!!   !*!!!!!!

logo

NTDB id 141240 MNA02 RS07815 WP 011681549.1  IADTVTAVNGNTFDNSTDMIKYVQGLKLGSKVKVTYMRDGKEKTATGKIIKIANGKNGIGIGLTDHTEIKSPENVKFKLD  240
NTDB id 360 SMU RS02495 WP 002262039.1       IADTVTGVNDKTFHSSKELIKYVSGLKLGSKVSVQYTSENKKKTAKGKVIKLSNGKNGIGIGLVDHTKVTSDDKIEFSTN  229
consensus                                    !!!!!!*!!  !!* ! **!!!! !!!!!!!! ! !  * ! !!! !!*!!* !!!!!!!!!! !!! * !** * !

logo

NTDB id 141240 MNA02 RS07815 WP 011681549.1  GVGGPSAGLMFTLAIYDQVSGQDLKAGRKIAGTGTIEKDGAVGDIGGAYLKVKSAADSGADIFFVPNNLVTKEMKKADPD  320
NTDB id 360 SMU RS02495 WP 002262039.1       GIGGPSAGLMFTLDIYDQLVKEDLRKGRIIAGTGTIGEDGSVGDIGGADMKVAAADRINADIFFVPNNPVSKATLKKNPK  309
consensus                                    !*!!!!!!!!!!! !!!!*   !!* !! !!!!!!!  !! !!!!!!! *!!  !    !!!!!!!!!*!*!   !  !

logo

NTDB id 141240 MNA02 RS07815 WP 011681549.1  AKTNYQEAKEAAEKLGTKMKIVPVKTAQEAIDYLKKTK   358
NTDB id 360 SMU RS02495 WP 002262039.1       ALTNYQEAKQAAKKLGTKMKIVPVKNVQEAIDYLRKH.   346
consensus                                    ! !!!!!!! !! !!!!!!!!!!!!  !!!!!!!*!**
```

X non conserved

X similar

X $\geq$ 50% conserved