```
logo

NTDB id 1143059 STN4L RS09170 WP 011681549.1  MANKTKSKALLEKMWRIKWWLLSIFTVLFLLFALFFPLNNYYVELPGGAFDTKEVLTVNKKADDSKGSYNFVAVAQTKAT   80
NTDB id 360 SMU RS02495 WP 002262039.1        ..........MKTNKKFKWWLISGISLILLLMVFFFPL.PYYLEMPGGAYDIRSVVTVNHKEDKEKGSYNFVAVSLSKAT   69
consensus                                     ***********    * !!!!*!  *** !!   !!!!**!!*!*!!!!*! * !*!!!*! !  !!!!!!!!!  *!!!

logo

NTDB id 1143059 STN4L RS09170 WP 011681549.1  LALMLYAQFNDFAKLQTAEEATGNYSDEDFMRINQFYMETSQNQAVYQGLTLAGKEVSLEYMGVYVLQVADDSSFKGVLN  160
NTDB id 360 SMU RS02495 WP 002262039.1        PIQVLYAWLTPFTEITSAKETTGGVSDADYMRINQFYMETSQNGAIYKALSLAHKKASFNYMGVYVLQVSRNSTFKGVLN  149
consensus                                     *  *!!!   *!  * *! ! !!  !! !*!!!!!!!!!!!! !*! *!*!!*!  !  !!!!!!!!!   !*!!!!!!

logo

NTDB id 1143059 STN4L RS09170 WP 011681549.1  IADTVTAVNGNTFDNSTDMIKYVQGLKLGSKVKVTYMRDGKEKTATGKIIKIANGKNGIGIGLTDHTEIKSPENVKFKLD  240
NTDB id 360 SMU RS02495 WP 002262039.1        IADTVTGVNDKTFHSSKELIKYVSGLKLGSKVSVQYTSENKKKTAKGKVIKLSNGKNGIGIGLVDHTKVTSDDKIEFSTN  229
consensus                                     !!!!!!*!!  !!* ! **!!!! !!!!!!!! ! !  * ! !!! !!*!!* !!!!!!!!!! !!! * !** * !

logo

NTDB id 1143059 STN4L RS09170 WP 011681549.1  GVGGPSAGLMFTLAIYDQVSGQDLKAGRKIAGTGTIEKDGAVGDIGGAYLKVKSAADSGADIFFVPNNLVTKEMKKADPD  320
NTDB id 360 SMU RS02495 WP 002262039.1        GIGGPSAGLMFTLDIYDQLVKEDLRKGRIIAGTGTIGEDGSVGDIGGADMKVAAADRINADIFFVPNNPVSKATLKKNPK  309
consensus                                     !*!!!!!!!!!!! !!!!*   !!* !! !!!!!!!  !! !!!!!!! *!!  !    !!!!!!!!!*!*!   !  !

logo

NTDB id 1143059 STN4L RS09170 WP 011681549.1  AKTNYQEAKEAAEKLGTKMKIVPVKTAQEAIDYLKKTK  358
NTDB id 360 SMU RS02495 WP 002262039.1        ALTNYQEAKQAAKKLGTKMKIVPVKNVQEAIDYLRKH.  346
consensus                                     ! !!!!!!! !! !!!!!!!!!!!!  !!!!!!!*!**
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X non conserved

X similar

X $\geq$ 50% conserved