```
logo

NTDB id 972947 AAAF57 RS01915 WP 288562432.1  MANKNESKSLLGKLWRIKWWLLSIFTVLFLLFALFFPLNNYYVELPGGAFDTKEVLTVDKKADDSKGSYNFVAVAQTKAT   80
NTDB id 360 SMU RS02495 WP 002262039.1        ..........MKTNKKFKWWLISGISLILLLMVFFFPL.PYYLEMPGGAYDIRSVVTVNHKEDKEKGSYNFVAVSLSKAT   69
consensus                                     ***********    * !!!!*!  *** !!   !!!!**!!*!*!!!!*! * !*!! *! !  !!!!!!!!!  *!!!

logo

NTDB id 972947 AAAF57 RS01915 WP 288562432.1  LALMLYAQLNDFAKLQTAEEATGNYSDEDFMRINQFYMETSQNQAIYQGLTLAGKEASLEYMGVYVLQVADDSSFKGVLN  160
NTDB id 360 SMU RS02495 WP 002262039.1        PIQVLYAWLTPFTEITSAKETTGGVSDADYMRINQFYMETSQNGAIYKALSLAHKKASFNYMGVYVLQVSRNSTFKGVLN  149
consensus                                     *  *!!! ! *!  * *! ! !!  !! !*!!!!!!!!!!!! !!! *!*!!*! !!  !!!!!!!!!   !*!!!!!!

logo

NTDB id 972947 AAAF57 RS01915 WP 288562432.1  IADTVTAVNGKSFDNSADLIKYVQGLKLGSKVKVTYTTDDKEKTATGKIIKIANGKNGIGIGLTDHTEVKSPENVKFKLD  240
NTDB id 360 SMU RS02495 WP 002262039.1        IADTVTGVNDKTFHSSKELIKYVSGLKLGSKVSVQYTSENKKKTAKGKVIKLSNGKNGIGIGLVDHTKVTSDDKIEFSTN  229
consensus                                     !!!!!!*!! !*!* ! *!!!!! !!!!!!!! ! !!** ! !!! !!*!!* !!!!!!!!!! !!! ! !** * !

logo

NTDB id 972947 AAAF57 RS01915 WP 288562432.1  GVGGPSAGLMFTLAIYDQVSGQDLKAGRKIAGTGTIEKDGSVGDIGGAYLKVKSAADSGADIFFVPNNPVTKEMKKADPD  320
NTDB id 360 SMU RS02495 WP 002262039.1        GIGGPSAGLMFTLDIYDQLVKEDLRKGRIIAGTGTIGEDGSVGDIGGADMKVAAADRINADIFFVPNNPVSKATLKKNPK  309
consensus                                     !*!!!!!!!!!!! !!!!*   !!* !! !!!!!!!  !!!!!!!!!! *!!  !    !!!!!!!!!!!*!   !  !

logo

NTDB id 972947 AAAF57 RS01915 WP 288562432.1  AKTNYQEAKEAAKKLGTKMKIVPVKTAQEAIDYLKKTK  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