```
logo

NTDB id 292287 DF184 RS07895 WP 014638484.1  MKKNRKLTLIASIVLGTLLIWFAVFVRLPYYLESPGGAADIRQVLTVNNQIDQEDGSYNFTYVSVQQATALQLFAAQFDP   80
NTDB id 360 SMU RS02495 WP 002262039.1       MKTNKKFKWWLISGISLILLLMVFFFPLPYYLEMPGGAYDIRSVVTVNHKEDKEKGSYNFVAVSLSKATPIQVLYAWLTP   80
consensus                                    !! !*!         *  *!*    ! *!!!!!! !!!! !!! !*!!!*  ! ! !!!!!  !!*  !!**!*  !   !

logo

NTDB id 292287 DF184 RS07895 WP 014638484.1  YTTVRSSEEMTGGADNEEYFRIAQFYMETSQNMAKYQGLTLAGKEVNLDFFGVYVLALADDSTFKKVLNIADTVVSINGK  160
NTDB id 360 SMU RS02495 WP 002262039.1       FTEITSAKETTGGVSDADYMRINQFYMETSQNGAIYKALSLAHKKASFNYMGVYVLQVSRNSTFKGVLNIADTVTGVNDK  160
consensus                                    *! * !  ! !!!    *! !! !!!!!!!!! ! ! *!*!!*!     * !!!!! *   !!!! !!!!!!!!  *! !

logo

NTDB id 292287 DF184 RS07895 WP 014638484.1  TFESSPDLIKYVSGLELGSDVTVGYISAGQEKSADGKIIKLSNGKNGIGITLVDHTEVQSSIPIDFQTGDIGGPSAGLMF  240
NTDB id 360 SMU RS02495 WP 002262039.1       TFHSSKELIKYVSGLKLGSKVSVQYTSENKKKTAKGKVIKLSNGKNGIGIGLVDHTKVTSDDKIEFSTNGIGGPSAGLMF  240
consensus                                    !!*!!**!!!!!!!! !!! !*! ! !    !*! !!*!!!!!!!!!!!! !!!!! ! !  *!*! !  !!!!!!!!!!

logo

NTDB id 292287 DF184 RS07895 WP 014638484.1  TLAIYTQLAEPDLRDGRIIAGTGTIEQDGKVGDIGGADKKVISAAKSGASIFFVPNNPVDVEVLKEDPKAKTNYEEAKEA  320
NTDB id 360 SMU RS02495 WP 002262039.1       TLDIYDQLVKEDLRKGRIIAGTGTIGEDGSVGDIGGADMKVAAADRINADIFFVPNNPVSKATLKKNPKALTNYQEAKQA  320
consensus                                    !! !! !!  *!!! !!!!!!!!!!  !! !!!!!!!! !!  ! *  ! !!!!!!!!!   !!  !!! !!! !!! !

logo

NTDB id 292287 DF184 RS07895 WP 014638484.1  AEKAGLDIEVVPVKTVQEAIDYLKKTKGE   349
NTDB id 360 SMU RS02495 WP 002262039.1       AKKLGTKMKIVPVKNVQEAIDYLRKH...   346
consensus                                    ! ! !  * *!!!! !!!!!!!!*!****
```

X non conserved

X similar

X $\geq$ 50% conserved