```
logo

NTDB id 126458 NCDO2118 RS11830 WP 003132657.1  MKKNKKINPKLKWGISIGLIV.VALLALFYPTSYYVEMPGTTEPLGKMVKVEGKKDEHKGDFFLTTVQIARANLATMIYS   79
NTDB id 360 SMU RS02495 WP 002262039.1          ....MKTNKKFKWWLISGISLILLLMVFFFPLPYYLEMPGGAYDIRSVVTVNHKEDKEKGSYNFVAVSLSKATPIQVLYA   76
consensus                                       **** ! !*! !! *  !* *** !*  !*! *!!*!!!!   **  *! ! *! ! *!! *    ! * *! *  **!

logo

NTDB id 126458 NCDO2118 RS11830 WP 003132657.1  HFNSFTSIYSEQEMTGGLNDAQFNRVNQFYMETAQNTAIYQAFKLANKPYELKYEGVYVLDIAKNSTFKNKLELADTITA  159
NTDB id 360 SMU RS02495 WP 002262039.1          WLTPFTEITSAKETTGGVSDADYMRINQFYMETSQNGAIYKALSLAHKKASFNYMGVYVLQVSRNSTFKGVLNIADTVTG  156
consensus                                       *  *!! ! !  ! !!!* !! * !*!!!!!!! !! !!! !  !!*!*    ! !!!!! * *!!!!!  ! *!!!*!*

logo

NTDB id 126458 NCDO2118 RS11830 WP 003132657.1  VNGQQFTSSADMIAYVSKQKVGDSVTIEYTRIDGTKHKSTGKYIKIANGKTGIGISLVDHTEVVTTPKVTVNAGSIGGPS  239
NTDB id 360 SMU RS02495 WP 002262039.1          VNDKTFHSSKELIKYVSGLKLGSKVSVQYTSEN.KKKTAKGKVIKLSNGKNGIGIGLVDHTKVTSDDKIEFSTNGIGGPS  235
consensus                                       !!   !*!! **! !!!  !*!  !** !!   * !*   !! !!* !!! !!!! !!!!! ! * *!*      !!!!!

logo

NTDB id 126458 NCDO2118 RS11830 WP 003132657.1  AGMMFTLEIYSQLTGKDLRNGREIAGTGTIEHDGSIGQIGGVDKKVATASKEGAKVFLVPDSGTKK.......ESSNNYL  312
NTDB id 360 SMU RS02495 WP 002262039.1          AGLMFTLDIYDQLVKEDLRKGRIIAGTGTIGEDGSVGDIGGADMKVAAADRINADIFFVPNNPVSKATLKKNPKALTNYQ  315
consensus                                       !!*!!!!*!! !!   !!! !! !!!!!!! *!!!*! !!! ! !!! ! *  ! *! !!  *  !*******    !!

logo

NTDB id 126458 NCDO2118 RS11830 WP 003132657.1  GAKAAAKKLKTKMKIVPVKTIQDALDYLEK.  342
NTDB id 360 SMU RS02495 WP 002262039.1          EAKQAAKKLGTKMKIVPVKNVQEAIDYLRKH  346
consensus                                        !! !!!!! !!!!!!!!! *!*!*!!! !*
```

X non conserved

X similar

X $\geq$ 50% conserved