```
logo

NTDB id 183438 LLJM4 RS11690 WP 011677213.1  MKKKNKKISPKLKWGISIGL.IIVALLVLVYPTNYYVEMPGTTEPLGKMVKVEGKKDEHKGDFFLTTVQIARANLATMIY   79
NTDB id 360 SMU RS02495 WP 002262039.1       .....MKTNKKFKWWLISGISLILLLMVFFFPLPYYLEMPGGAYDIRSVVTVNHKEDKEKGSYNFVAVSLSKATPIQVLY   75
consensus                                    ***** !  *! !! *  !***!* !*!  *! *!!*!!!!   **  *! ! *! ! *!! *    ! * *! *  **!

logo

NTDB id 183438 LLJM4 RS11690 WP 011677213.1  SHFNSFTSIYSEQEMTGGLNDAQFNRVNQFYMETAQNTAVYQAFKLANKPYELKYEGVYVLDIAKNSTFKNKLELSDTIT  159
NTDB id 360 SMU RS02495 WP 002262039.1       AWLTPFTEITSAKETTGGVSDADYMRINQFYMETSQNGAIYKALSLAHKKASFNYMGVYVLQVSRNSTFKGVLNIADTVT  155
consensus                                     *  *!! ! !  ! !!!* !! * !*!!!!!!! !! !*! !  !!*!*    ! !!!!! * *!!!!!  ! * !!*!

logo

NTDB id 183438 LLJM4 RS11690 WP 011677213.1  AVNGEEFKSSADMIAYVSKQKVGDSVTIEYTRIDGSKHKSTGKYIKIANGKTGIGIGLVDHTEVVTDPKVTVNAGSIGGP  239
NTDB id 360 SMU RS02495 WP 002262039.1       GVNDKTFHSSKELIKYVSGLKLGSKVSVQYTSEN.KKKTAKGKVIKLSNGKNGIGIGLVDHTKVTSDDKIEFSTNGIGGP  234
consensus                                    *!!   !*!! **! !!!  !*!  !** !!   * !*   !! !!* !!! !!!!!!!!!! ! *!*!*      !!!!

logo

NTDB id 183438 LLJM4 RS11690 WP 011677213.1  SAGIMFTLEIYSQLTGKDLRGGREIAGTGTIEHDGSIGQIGGVDKKVATASKEGAKVFLVPDSGTKK.......ESSNNY  312
NTDB id 360 SMU RS02495 WP 002262039.1       SAGLMFTLDIYDQLVKEDLRKGRIIAGTGTIGEDGSVGDIGGADMKVAAADRINADIFFVPNNPVSKATLKKNPKALTNY  314
consensus                                    !!!*!!!!*!! !!   !!! !! !!!!!!! *!!!*! !!! ! !!! ! *  ! *! !!  *  !*******    !!

logo

NTDB id 183438 LLJM4 RS11690 WP 011677213.1  LGAKAAAKKLKTKMKIVPVKTIQDALDYLEK.   343
NTDB id 360 SMU RS02495 WP 002262039.1       QEAKQAAKKLGTKMKIVPVKNVQEAIDYLRKH   346
consensus                                     !! !!!!! !!!!!!!!! *!*!*!!! !*
```

X non conserved

X similar

X $\geq$ 50% conserved