```
logo

NTDB id 314109 LL1196 RS12335 WP 021216375.1  MKKKNKKISPKLKWGISIGL.IIVALLVLVYPTNYYVEMPGTTEPLGKMVKVEGKKDEHKGDFFLTTVQIARANLATMIY   79
NTDB id 360 SMU RS02495 WP 002262039.1        .....MKTNKKFKWWLISGISLILLLMVFFFPLPYYLEMPGGAYDIRSVVTVNHKEDKEKGSYNFVAVSLSKATPIQVLY   75
consensus                                     ***** !  *! !! *  !***!* !*!  *! *!!*!!!!   **  *! ! *! ! *!! *    ! * *! *  **!

logo

NTDB id 314109 LL1196 RS12335 WP 021216375.1  SHFNSFTSIYSEQEMTGGLNDAQFNRVNQFYMETAQNTAVYQAFKLANKPYELKYEGVYVLDIAKNSTFKNKLELSDTIT   159
NTDB id 360 SMU RS02495 WP 002262039.1        AWLTPFTEITSAKETTGGVSDADYMRINQFYMETSQNGAIYKALSLAHKKASFNYMGVYVLQVSRNSTFKGVLNIADTVT   155
consensus                                      *  *!! ! !  ! !!!* !! * !*!!!!!!! !! !*! !  !!*!*    ! !!!!! * *!!!!!  ! * !!*!

logo

NTDB id 314109 LL1196 RS12335 WP 021216375.1  AVNGEEFKSSADMIAYVSKQKVGDSVTIEYTRIDGSKHKSTGKYIKIANGKTGIGIGLVDHTEVVTDPKVTVNAGSIGGP   239
NTDB id 360 SMU RS02495 WP 002262039.1        GVNDKTFHSSKELIKYVSGLKLGSKVSVQYTSEN.KKKTAKGKVIKLSNGKNGIGIGLVDHTKVTSDDKIEFSTNGIGGP   234
consensus                                     *!!   !*!! **! !!!  !*!  !** !!   * !*   !! !!* !!! !!!!!!!!!! ! *!*!*      !!!!

logo

NTDB id 314109 LL1196 RS12335 WP 021216375.1  SAGIMFTLEIYSQLTGKDLRGSREIAGTGTIEHDGSIGQIGGVDKKVATASKEGAKVFLVPDSGTKK.......ESSNNY   312
NTDB id 360 SMU RS02495 WP 002262039.1        SAGLMFTLDIYDQLVKEDLRKGRIIAGTGTIGEDGSVGDIGGADMKVAAADRINADIFFVPNNPVSKATLKKNPKALTNY   314
consensus                                     !!!*!!!!*!! !!   !!!  ! !!!!!!! *!!!*! !!! ! !!! ! *  ! *! !!  *  !*******   !!

logo

NTDB id 314109 LL1196 RS12335 WP 021216375.1  LGAKAAAKKLKTKMKIVPVKTIQDALDYLEK.   343
NTDB id 360 SMU RS02495 WP 002262039.1        QEAKQAAKKLGTKMKIVPVKNVQEAIDYLRKH   346
consensus                                       !! !!!!! !!!!!!!!! *!*!*!!! !*
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X non conserved

X similar

X ≥ 50% conserved