```
logo

NTDB id 54488 UC509 RS10735 WP 011677213.1  MKKKNKKISPKLKWGISIGL.IIVALLVLVYPTNYYVEMPGTTEPLGKMVKVEGKKDEHKGDFFLTTVQIARANLATMIYSHFNS   84
NTDB id 360 SMU RS02495 WP 002262039.1      .....MKTNKKFKWWLISGISLILLLMVFFFPLPYYLEMPGGAYDIRSVVTVNHKEDKEKGSYNFVAVSLSKATPIQVLYAWLTP   80
consensus                                   ***** !  *! !! *  !***!* !*!  *! *!!*!!!!   **  *! ! *! ! *!! *    ! * *! *  **! *  *

logo

NTDB id 54488 UC509 RS10735 WP 011677213.1  FTSIYSEQEMTGGLNDAQFNRVNQFYMETAQNTAVYQAFKLANKPYELKYEGVYVLDIAKNSTFKNKLELSDTITAVNGEEFKSS   169
NTDB id 360 SMU RS02495 WP 002262039.1      FTEITSAKETTGGVSDADYMRINQFYMETSQNGAIYKALSLAHKKASFNYMGVYVLQVSRNSTFKGVLNIADTVTGVNDKTFHSS   165
consensus                                   !! ! !  ! !!!* !! * !*!!!!!!! !! !*! !  !!*!*    ! !!!!! * *!!!!!  ! * !!*!*!!   !*!!

logo

NTDB id 54488 UC509 RS10735 WP 011677213.1  ADMIAYVSKQKVGDSVTIEYTRIDGSKHKSTGKYIKIANGKTGIGIGLVDHTEVVTDPKVTVNAGSIGGPSAGIMFTLEIYSQLT   254
NTDB id 360 SMU RS02495 WP 002262039.1      KELIKYVSGLKLGSKVSVQYTSEN.KKKTAKGKVIKLSNGKNGIGIGLVDHTKVTSDDKIEFSTNGIGGPSAGLMFTLDIYDQLV   249
consensus                                    **! !!!  !*!  !** !!   * !*   !! !!* !!! !!!!!!!!!! ! *!*!*      !!!!!!!*!!!!*!! !!

logo

NTDB id 54488 UC509 RS10735 WP 011677213.1  GKDLRGGREIAGTGTIEHDGSIGQIGGVDKKVATASKEGAKVFLVPDSGTKK.......ESSNNYLGAKAAAKKLKTKMKIVPVK   332
NTDB id 360 SMU RS02495 WP 002262039.1      KEDLRKGRIIAGTGTIGEDGSVGDIGGADMKVAAADRINADIFFVPNNPVSKATLKKNPKALTNYQEAKQAAKKLGTKMKIVPVK   334
consensus                                     !!! !! !!!!!!! *!!!*! !!! ! !!! ! *  ! *! !!  *  !*******    !!  !! !!!!! !!!!!!!!!

logo

NTDB id 54488 UC509 RS10735 WP 011677213.1  TIQDALDYLEK.   343
NTDB id 360 SMU RS02495 WP 002262039.1      NVQEAIDYLRKH   346
consensus                                    *!*!*!!! !*
```

X non conserved

X similar

X $\geq$ 50% conserved