```
logo
NTDB id 977719 MGAS37837 RS06395 WP 010922499.1  MKRLKKIKWWLVGLLALISLLLALFFPLPYYIEMPGGAYDIRTVLQVNGKEDKRKGAYQFVAVGISRASLAQLLYAWLTP   80
NTDB id 360 SMU RS02495 WP 002262039.1           MKTNKKFKWWLISGISLILLLMVFFFPLPYYLEMPGGAYDIRSVVTVNHKEDKEKGSYNFVAVSLSKATPIQVLYAWLTP   80
consensus                                        !!  !! !!!!*  * !! !!*  !!!!!!!*!!!!!!!!!!*!* !!*!!!! !! !*!!!! *!*!** !*!!!!!!!

logo
NTDB id 977719 MGAS37837 RS06395 WP 010922499.1  FTEISTAEDTTGGYSDADFLRINQFYMETSQNAAIYQALSLAGKPVTLDYKGVYVLDVNNESTFKGTLHLADTVTGVNGK  160
NTDB id 360 SMU RS02495 WP 002262039.1           FTEITSAKETTGGVSDADYMRINQFYMETSQNGAIYKALSLAHKKASFNYMGVYVLQVSRNSTFKGVLNIADTVTGVNDK  160
consensus                                        !!!!**! *!!!! !!!!**!!!!!!!!!!!!*!!! !!!!!*!* *  ! !!!!! !   !!!!! !**!!!!!!!! !

logo
NTDB id 977719 MGAS37837 RS06395 WP 010922499.1  QFTSSAELIDYVSHLKLGDEVTVQFTSDNKPKKGVGRIIKLKNGKNGIGIALTDHTSVNSEDTVIFSTKGVGGPSAGLMF  240
NTDB id 360 SMU RS02495 WP 002262039.1           TFHSSKELIKYVSGLKLGSKVSVQYTSENKKKTAKGKVIKLSNGKNGIGIGLVDHTKVTSDDKIEFSTNGIGGPSAGLMF  240
consensus                                         !*!! !!! !!!*!!!!  !*!!*!!*!!*! * !**!!! !!!!!!!!*! !!! ! !*! * !!! !*!!!!!!!!!

logo
NTDB id 977719 MGAS37837 RS06395 WP 010922499.1  TLDIYDQITKEDLRKGRTIAGTGTIGKDGEVGDIGGAGLKVVAAAEAGADIFFVPNNPVDKEIKKVNPNAISNYEEAKRA  320
NTDB id 360 SMU RS02495 WP 002262039.1           TLDIYDQLVKEDLRKGRIIAGTGTIGEDGSVGDIGGADMKVAAADRINADIFFVPNNPVSKATLKKNPKALTNYQEAKQA  320
consensus                                        !!!!!!!* !!!!!!!! !!!!!!!! !! !!!!!!! *!! !!    !!!!!!!!!!! !   ! !! !**!! !!! !

logo
NTDB id 977719 MGAS37837 RS06395 WP 010922499.1  AKRLKTKMKIVPVTTVQEALVYLRK.  345
NTDB id 360 SMU RS02495 WP 002262039.1           AKKLGTKMKIVPVKNVQEAIDYLRKH  346
consensus                                        !!*! !!!!!!!!  !!!!* !!!!*
```

X non conserved

X similar

X $\geq$ 50% conserved