```
logo

NTDB id 1119967 EL078 RS02520 WP 033152147.1  MTILNAFKGILKKIGRILYRLKWWILGIVGTAFIIFSLFCPLGYYVEMPGGAYDVRSVLTVNNKADKEDGSYNFVAVGVS   80
NTDB id 360 SMU RS02495 WP 002262039.1        ..............MKTNKKFKWWLISGISLILLMVFFFPLPYYLEMPGGAYDIRSVVTVNHKEDKEKGSYNFVAVSLS   66
consensus                                     ************** *    * !!!**  *     **    !*!!*!!*!!!!!!!!*!!!*!!!*! !!! !!!!!!!! *!

logo

NTDB id 1119967 EL078 RS02520 WP 033152147.1  QATLAQLVYAWLTPHTEITTEAATTGGYSNADYMRINQYYMETSQNTATYQALTLAGKNVSLDYEGVYVLNVDKHSTFKG   160
NTDB id 360 SMU RS02495 WP 002262039.1        KATPIQVLYAWLTPFTEITSAKETTGGVSDADYMRINQFYMETSQNGAIYKALSLAHKKASFNYMGVYVLQVSRNSTFKG   146
consensus                                      !!* !**!!!!!!*!!!!*   !!!! ! !!!!!!!!*!!!!!!! ! ! !!*!!*!  !  ! !!!!!*! **!!!!!

logo

NTDB id 1119967 EL078 RS02520 WP 033152147.1  LLHLADTVTGVNGKTFNSSAELMAYVADLDLGSDVTVQETSNGKSKEVSGKIIELPNGKNGIGIGLVDHTEVSSDVDVDF   240
NTDB id 360 SMU RS02495 WP 002262039.1        VLNIADTVTGVNDKTFHSSKELIKYVSGLKLGSKVSVQYTSENKKKTAKGKVIKLSNGKNGIGIGLVDHTKVTSDDKIEF   226
consensus                                     *!**!!!!!!!! !!!*!! !!* !!  ! !!! !*!! !!  ! !   !!*! !*!!!!!!!!!!!!!! !*!!  **!

logo

NTDB id 1119967 EL078 RS02520 WP 033152147.1  ETSGFGGPSAGLMFTLDIYDQVNNEDLRKGRKIAGTGTINSDGSVGDIGGAGLKVVSAAKAGADVFFVPNNPVDEETKKE   320
NTDB id 360 SMU RS02495 WP 002262039.1        STNGIGGPSAGLMFTLDIYDQLVKEDLRKGRIIAGTGTIGEDGSVGDIGGADMKVAAADRINADIFFVPNNPVSKATLKK   306
consensus                                      ! ! !!!!!!!!!!!!!!!!!*  !!!!!!! !!!!!!!  !!!!!!!!!! *!!  ! *  !!*!!!!!!!!   ! !

logo

NTDB id 1119967 EL078 RS02520 WP 033152147.1  NPDAKTNYQEAKEAAKDLDTDMKIVPVTTVQEAIDYLRSTD   361
NTDB id 360 SMU RS02495 WP 002262039.1        NPKALTNYQEAKQAAKKLGTKMKIVPVKNVQEAIDYLRKH.   346
consensus                                     !! ! !!!!!!! !!! ! ! !!!!!!  !!!!!!!!! **
```

X non conserved

X similar

X $\geq$ 50% conserved