```
logo

NTDB id 22194 SPYM3 RS06230 WP 010922499.1  MKRLKKIKWWLVGLLALISLLLALFFPLPYYIEMPGGAYDIRTVLQVNGKEDKRKGAYQFVAVGISRASLAQLLYAWLTPFTEIS   85
NTDB id 360 SMU RS02495 WP 002262039.1      MKTNKKFKWWLISGISLILLLMVFFPLPYYLEMPGGAYDIRSVVTVNHKEDKEKGSYNFVAVSLSKATPIQVLYAWLTPFTEIT   85
consensus                                   !!  !! !!!!*  * !! !!*  !!!!!!!*!!!!!!!!!!*!* !!*!!!! !! !*!!!! *!*!** !*!!!!!!!!!!!*

logo

NTDB id 22194 SPYM3 RS06230 WP 010922499.1  TAEDTTGGYSDADFLRINQFYMETSQNAAIYQALSLAGKPVTLDYKGVYVLDVNNESTFKGTLHLADTVTGVNGKQFTSSAELID   170
NTDB id 360 SMU RS02495 WP 002262039.1      SAKETTGGVSDADYMRINQFYMETSQNGAIYKALSLAHKKASFNYMGVYVLQVSRNSTFKGVLNIADTVTGVNDKTFHSSKELIK   170
consensus                                   *! *!!!! !!!!**!!!!!!!!!!!!*!!! !!!!!*!* *  ! !!!!! !   !!!!! !**!!!!!!!! ! !*!! !!!

logo

NTDB id 22194 SPYM3 RS06230 WP 010922499.1  YVSHLKLGDEVTVQFTSDNKPKKGVGRIIKLKNGKNGIGIALTDHTSVNSEDTVIFSTKGVGGPSAGLMFTLDIYDQITKEDLRK   255
NTDB id 360 SMU RS02495 WP 002262039.1      YVSGLKLGSKVSVQYTSENKKKTAKGKVIKLSNGKNGIGIGLVDHTKVTSDDKIEFSTNGIGGPSAGLMFTLDIYDQLVKEDLRK   255
consensus                                   !!!*!!!!  !*!!*!!*!!*! * !**!!! !!!!!!!!*! !!! ! !*! * !!! !*!!!!!!!!!!!!!!!!* !!!!!!

logo

NTDB id 22194 SPYM3 RS06230 WP 010922499.1  GRTIAGTGTIGKDGEVGDIGGAGLKVVAAAEAGADIFFVPNNPVDKEIKKVNPNAISNYEEAKRAAKRLKTKMKIVPVTTVQEAL   340
NTDB id 360 SMU RS02495 WP 002262039.1      GRIIAGTGTIGEDGSVGDIGGADMKVAAADRINADIFFVPNNPVSKATLKKNPKALTNYQEAKQAAKKLGTKMKIVPVKNVQEAI   340
consensus                                   !! !!!!!!!! !! !!!!!!! *!! !!    !!!!!!!!!!! !   ! !! !**!! !!! !!!*! !!!!!!!!  !!!!*

logo

NTDB id 22194 SPYM3 RS06230 WP 010922499.1  VYLRK.   345
NTDB id 360 SMU RS02495 WP 002262039.1      DYLRKH   346
consensus                                    !!!!*
```

X non conserved

X similar

X $\geq$ 50% conserved