```
logo

NTDB id 1081697 ACK2I7 RS01405 WP 021001375.1  MEKPRNKFKKWPIIAVVGLILLFLSFVVPLPYYIEVPGGAADVRQVLRVDNKEDKEKGSYNFVTVGIQHATFAHLVYAWL   80
NTDB id 360 SMU RS02495 WP 002262039.1         ..MKTNKKFKWWLISGISLILLLMVFFFPLPYYLEMPGGAYDIRSVVTVNHKEDKEKGSYNFVAVSLSKATPIQVLYAWL   78
consensus                                      ** * !!   !!**!  * !!!! * !  !!!!!*!*!!!! !*! !* ! *!!!!!!!!!!!! ! * *!!* ***!!!!

logo

NTDB id 1081697 ACK2I7 RS01405 WP 021001375.1  TPFTDIYSAKDLTGGTSDKEYMRINQFYMETSQNLAKYQGLKKAGKDITLKYLGVYVLQVTKNSTFKGILNIADTVTGVN  160
NTDB id 360 SMU RS02495 WP 002262039.1         TPFTEITSAKETTGGVSDADYMRINQFYMETSQNGAIYKALSLAHKKASFNYMGVYVLQVSRNSTFKGVLNIADTVTGVN  158
consensus                                      !!!!*! !!!* !!! !! *!!!!!!!!!!!!!! ! ! *!  !*!  *  !*!!!!!!**!!!!!!*!!!!!!!!!!!

logo

NTDB id 1081697 ACK2I7 RS01405 WP 021001375.1  DKTFNSSKELIDYVGAQKIGSKVKVNYVEDGQKKSATGKIIKLENGKNGIGISLIDRTEVTSNTPIEFSTAGIGGPSAGL  240
NTDB id 360 SMU RS02495 WP 002262039.1         DKTFHSSKELIKYVSGLKLGSKVSVQYTSENKKKTAKGKVIKLSNGKNGIGIGLVDHTKVTSDDKIEFSTNGIGGPSAGL  238
consensus                                      !!!!*!!!!!! !! * !*!!!! !*!  *  !!*! !!*!!! !!!!!!!! !*!*! !!!  *!!!!! !!!!!!!!!

logo

NTDB id 1081697 ACK2I7 RS01405 WP 021001375.1  MFSLAIYTQIADPTLRDGRNIAGTGSIDREGKVGDIGGIDKKVVSAAKNGAEIFFAPNNPVTKEVKKSNPKAKTNYETAL  320
NTDB id 360 SMU RS02495 WP 002262039.1         MFTLDIYDQLVKEDLRKGRIIAGTGTIGEDGSVGDIGGADMKVAAADRINADIFFVPNNPVSKATLKKNPKALTNYQEAK  318
consensus                                      !!*! !! !*  * !! !! !!!!!*!  *! !!!!!! ! !!  ! *  !*!!! !!!!!*!   ! !!!! !!!  !

logo

NTDB id 1081697 ACK2I7 RS01405 WP 021001375.1  AAAKKIKTKMKIVPVKTLQDAIDYLKSTKKS   351
NTDB id 360 SMU RS02495 WP 002262039.1         QAAKKLGTKMKIVPVKNVQEAIDYLRKH...   346
consensus                                       !!!!* !!!!!!!!! *!*!!!!!* ****
```

X non conserved

X similar

X $\geq$ 50% conserved