logo

```
NTDB id 58020 SPN034156 RS04465 WP 000727277.1  ..MKKKIRWPLYVIAALIVTFLAFVVPLPYYIEVPGGSEDIRQVLKVNDTEDKEAGAYQFVTVGVQHATLAHMIYAWLTP   78
NTDB id 360 SMU RS02495 WP 002262039.1          MKTNKKFKWWLISGISLILLLMVFFFPLPYYLEMPGGAYDIRSVVTVNHKEDKEKGSYNFVAVSLSKATPIQVLYAWLTP   80
consensus                                       **  !! *!*!     !!*  * !  !!!!!*!*!!!  !!! !* !!* !!!! ! !*!! ! * *!!* ***!!!!!!
```

logo

```
NTDB id 58020 SPN034156 RS04465 WP 000727277.1  FTDIRSAQETTGGSSDVEFMRINQFYMQTSQNMAKYQGLKTAGKDIELKYFGVYVLNVTDNSTFKGILNISDTVTAVNDQ  158
NTDB id 360 SMU RS02495 WP 002262039.1          FTEITSAKETTGGVSDADYMRINQFYMETSQNGAIYKALSLAHKKASFNYMGVYVLQVSRNSTFKGVLNIADTVTGVNDK  160
consensus                                       !!*!  !! !!!!! !! **!!!!!!!! !!!!  ! ! *!  !*!      ! !!!!!*!* !!!!!!*!!! !!!!*!!!
```

logo

```
NTDB id 58020 SPN034156 RS04465 WP 000727277.1  TFDSSKDLIDYVSSQKLGDSVKVTYEEDGQTKSAEGKIITLENGKNGIGIGLIDRTEVISNVPISFSTAGIGGPSAGLMF  238
NTDB id 360 SMU RS02495 WP 002262039.1          TFHSSKELIKYVSGLKLGSKVSVQYTSENKKKTAKGKVIKLSNGKNGIGIGLVDHTKVTSDDKIEFSTNGIGGPSAGLMF  240
consensus                                       !!*!!!*!! !!!   !!!   ! ! !  *   !*! !!*! ! !!!!!!!!!!*!*! ! !  *! !!! !!!!!!!!!!!
```

logo

```
NTDB id 58020 SPN034156 RS04465 WP 000727277.1  SLAIYTQLAHPDLRNGRIVAGTGTIDRDGNVGDIGGIDKKVVASARAGAAIFFAPDNPVSEEEQKAHPDAKNNYQTALEA  318
NTDB id 360 SMU RS02495 WP 002262039.1          TLDIYDQLVKEDLRKGRIIAGTGTIGEDGSVGDIGGADMKVAAADRINADIFFVPNNPVSKATLKKNPKALTNYQEAKQA  320
consensus                                       *! !! !* **!!! !!!*!!!!!!  !! !!!!!! ! !! !  !  ! !!! ! !!!!    ! *! !  !!! !  !
```

logo

```
NTDB id 58020 SPN034156 RS04465 WP 000727277.1  AKTIKTDMKIVPVKTLQDAIDYLKNNP   345
NTDB id 360 SMU RS02495 WP 002262039.1          AKKLGTKMKIVPVKNVQEAIDYLRKH.   346
consensus                                       !! * ! !!!!!!! *!*!!!!!* **
```

X non conserved

X similar

X ≥ 50% conserved