logo

```
NTDB id 23999 TTH RS01425 WP 011227821.1  .....MWPLFALLLGLAVGSFLNVVVHRLPRGESVAYPPSRCPQCGHRLGPWDLVPVLSYLALKGRCRYCARPISPRYPLVEALT   80
NTDB id 1305 DR RS10600 WP 010888696.1    MNVDTLIVLFAGLLGLLVGSFSNVLIWRLPRGENIAFPPSHCPKCDHPLKPTDLVPVFSWLALGGRCRYCRAPINPRYPVVELLT   85
consensus                                 ****** *!!! !!!! !!!! !!***!!!!!! *!*!!!*!! ! !*! ! !!!!! !*!!! !!!!!!  !! !!!!*!! !!
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logo

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NTDB id 23999 TTH RS01425 WP 011227821.1  GGLFLLASLFYPPGVE...ALLVFLFLAFLVALAFIDVDTFELPDPLTYGLLFLGLLASWALA.........FPLPFRESLDGSL   153
NTDB id 1305 DR RS10600 WP 010888696.1    GVAYAVIAATFPLSTYEAGTLGLMVLFTILLVGSAIDLDTMTLPDELTLPGTLLGVLFGLAGAGLYAQEGQLGLPNVAQAVEGAL   170
consensus                                 !  * *    *!*   *** ! * *   !*    !!*!! !!!*!! *   !!*!   ! !********** ***    **! !
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logo

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NTDB id 23999 TTH RS01425 WP 011227821.1  MAAGGLALVAGYGNLFLRRFREAR.AEVPVGPHQVHMAALFGALLGPGVGMALAFLAWALSARTGRAVALPDRLTLPLLPLAFL.   236
NTDB id 1305 DR RS10600 WP 010888696.1    MGAGVIVLISVYGSWVLRRFRERQWPEAPIGYQQISLGLLAGAWLGPWWGLGVALLSAAVNVAAKKAVRIPELLTLGGFLVSLAL   255
consensus                                 !*!! * !*  !!   !!!!!!  **! !*!**!**** ! !! !!!  !***! !  !*     *!! *!* !!!*  **   *
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logo

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NTDB id 23999 TTH RS01425 WP 011227821.1  LAPALGLDFLESLKGSLLAAGGLALAGGLYWAFRP.........LPEEGEEEPVAMGYGDVKLLGALGAWLGPYA.FLALFLGVF   311
NTDB id 1305 DR RS10600 WP 010888696.1    SSAGTGPGLLDMLRGGLMAAGAVSLVCGVYWWIYWRRNKQAEDDGTDDEQSDPVAMGFGDVKLAAVIGAFLGWERLLLAVVVAIF   340
consensus                                   ** !*  !* !*! !*!!!** ! *!*!!   ********** ***   *!!!!!*!!!!! * *!!*!!*  * !!* ***!
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logo

```
NTDB id 23999 TTH RS01425 WP 011227821.1  AGALLGLL.....LRQRKLPFGPYLALGGVVAFFFGEALWGAYLRLLGV   355
NTDB id 1305 DR RS10600 WP 010888696.1    AGAVLGLVQLALKQENRVKFGPYLALGAVVALLWGGPLLDWYRGLLGM   388
consensus                                 !!!*!!!***** ***!!!!!!!!*!!! *! *!  !  !!!*
```

X non conserved
X similar
X ≥50% conserved