```
logo
NTDB id 145372 SU48 RS13220 WP 064015652.1  MNLDVFVVVCAAVFGLLVGSFSNVLIWRLPRGENIAFPPSHCPHCDHALKPLDLVPVASWLALGGKCRYCRAPIKRRYPVVELLT   85
NTDB id 1305 DR RS10600 WP 010888696.1      MNVDTLIVLFAGLLGLLVGSFSNVLIWRLPRGENIAFPPSHCPKCDHPLKPTDLVPVFSWLALGGRCRYCRAPINPRYPVVELLT   85
consensus                                   !!*!  *!**!** !!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!*!!! !!!!! !!!!!!!*!!!!!!!! *!!!!!!!!!

logo
NTDB id 145372 SU48 RS13220 WP 064015652.1  GLGYGVIAALFPLAVYGVGTLGLMVLFTLLLVASAIDLDTYTIPDELTLPGVALGLVFAFFGARA..AGAEYNLPNLPEAVNGAL  168
NTDB id 1305 DR RS10600 WP 010888696.1      GVAYAVIAATFPLSTYEAGTLGLMVLFTILLVGSAIDLDTMTLPDELTLPGTLLGVLFGLAGAGLYAQEGQLGLPNVAQAVEGAL  170
consensus                                   !**!*!!!! !!!  !  !!!!!!!!!!*!!!*!!!!!!! !*!!!!!!!!  !!**!*  !!  **  *   !!!** !! !!!

logo
NTDB id 145372 SU48 RS13220 WP 064015652.1  LGAGLLVSIDLLASWVLRRFKERQYPDFPIGYQQIGLALAAGAWLGPWWGAGVGLLAVGINLAARRVVRIPELLTIGGFLVSVML  253
NTDB id 1305 DR RS10600 WP 010888696.1      MGAGVIVLISVYGSWVLRRFRERQWPEAPIGYQQISLGLLAGAWLGPWWGLGVALLSAAVNVAAKKAVRIPELLTLGGFLVSLAL  255
consensus                                   *!!!**! ! * *!!!!!!!*!!!*!* !!!!!!! !*! !!!!!!!!!! !!*!!  **!*!** !!!!!!!!*!!!!!!* !

logo
NTDB id 145372 SU48 RS13220 WP 064015652.1  GSAGYGMGLILMVQGALAAAGAVSLVAGLYWWIQFLRTAKADAPAEDDAPYDPSAMGFGDVKLAAVIGAFLGWERLLVAVVVAVF  338
NTDB id 1305 DR RS10600 WP 010888696.1      SSAGTGPGLLDMLRGGLMAAGAVSLVCGVYWWIYWRRNKQAEDDGTDDEQSDPVAMGFGDVKLAAVIGAFLGWERLLLAVVVAIF  340
consensus                                    !!! !*!!* !* !*! !!!!!!!!*!*!!!! * !   !* ** !! * !! !!!!!!!!!!!!!!!!!!!!!!!!*!!!!!*!

logo
NTDB id 145372 SU48 RS13220 WP 064015652.1  AGALFGVVQLALKSENRVKFGPYLALGAVVALIWGAAIVESYRGMLGL   386
NTDB id 1305 DR RS10600 WP 010888696.1      AGAVLGLVQLALKQENRVKFGPYLALGAVVALLWGGPLLDWYRGLLGM   388
consensus                                   !!!* !*!!!!!! !!!!!!!!!!!!!!!!!!*!!***** !!!*!!*
```

X non conserved

X similar

X $\geq$ 50% conserved