```
logo
NTDB id 145365 SU48 RS06415 WP 064014527.1  MPVFEYRVRDQSGKVLKSQMEAETLNQVRDTLRSKNLMIVEIKAPKSGMNADIKIPGLTDRPPGLKQVAIFSKQLATLINAGVPL   85
NTDB id 1029 TT RS02230 WP 011228203.1      MPVYQYKARDRQGRLVEATIEAEDLRTAARLLRDRGLFVAEIKEPGKGLQAEVRIPAL.ERGPGLKDLAIFSRQLATMLGAGLTL   84
consensus                                   !!!* !* !!  !***   *!!! !      !! * ! * !!! !  !**!***!!*!**!*!!!! *!!!!*!!!!** !!**!

logo
NTDB id 145365 SU48 RS06415 WP 064014527.1  VQSLAILQRQIESKNFQAILKILRNDVESGTPLSEAMAKHPKIFNRLYINLVRAGETSGTLDSVLERIASFQEKELALRGKLKSA  170
NTDB id 1029 TT RS02230 WP 011228203.1      LQALAILERQTENRKFREILKQVRTDVEGGMAFSEALSKH.KIFSRLYVNLVRAGETSGGLDLILDRLASFLEKELELRGKIRSA  168
consensus                                   *! !!!! !! ! * !  !!! *! !!! ! * !!!* !!*!!! !!!*!!!!!!!!!! !! *!*!*!!! !!!! !!!!**!!

logo
NTDB id 145365 SU48 RS06415 WP 064014527.1  LTYPVVVLVFALGITYFLLTTIVPQFAGILAQLDAPLPLITQFLMAVSDFLRNSGLLVFVFIAAFVFAYRWYYKTPKGRMVIDDI  255
NTDB id 1029 TT RS02230 WP 011228203.1      MTYPVIVFVFAVGVAYFLLTGIVPQFAQILTDLGSELPLLTRFLIAVSDLLRAATLPLLLAVALFFAYRWYYGTPQGRRVIDRL  253
consensus                                   *!!!!*! !!!*!* !!!!! !!!!!! !!  !  *!!!*! !!*!!!! !!   !** *   !  !!!!!!! !! !! !!! *

logo
NTDB id 145365 SU48 RS06415 WP 064014527.1  KLRLPVFGPLIKKSAISSFARTFGLLIGSGVNIIESLEITKGTANNAVVEETIENAKNVVMVGEQMSSSLA.TSKVFPPMVVSMV  339
NTDB id 1029 TT RS02230 WP 011228203.1      KLRLPVFGNLNRKTAVARFSRTLALLLSSGVNIVEALDITKGTAGNSVVEEIVEAAKLKIQQGDPLNLTLAQHPFVFPPMVSSMV  338
consensus                                   !!!!!!!!*! *!*!*  ! !! *!!* !!!!!*! !*!!!!!! ! !!!! *! !!  *  !***  *!!*** !!!!!! !!!

logo
NTDB id 145365 SU48 RS06415 WP 064014527.1  SIGEETGALDTMLGKVGDFYDREVDEAVDSLTAAIEPLMIVFLGGIVGTIVAGMFLPMFAIIGQLSQ.   406
NTDB id 1029 TT RS02230 WP 011228203.1      AIGEETGALDTMLSKVADFYEREVDEAVASLTAAIEPLMIIFLGVIVGMIVAGMFLPLFKIIGTLSVQ   406
consensus                                    !!!!!!!!!!!! !!*!!!*!!!!!!! !!!!!!!!!!!*!!! !!! !!!!!!!!*! !!! !! *
```

X non conserved

X similar

X ≥ 50% conserved