```
logo

NTDB id 1099540 ACM67C RS04560 WP 066076972.1  MSDHKQTEVLTGYEQLKRRNRRRLVTASGLVLVSGIMLAVSLGSCSSNEKTAPAAAEQEAAPAPAAASAASAESVEITPT   80
NTDB id 1129 NGFG RS01435 WP 003687618.1       MSENKQNEVLTGYEQLKRRNRRRLVTASSLVAASCILLAAALSSDPADSNPAPQAGETGATESQTAN............T   68
consensus                                      !!**!! !!!!!!!!!!!!!!!!!!!!! !!  !*!*!!  ! !**    *!! !*!  ! * * ! ************!

logo

NTDB id 1099540 ACM67C RS04560 WP 066076972.1  AATPEETAQATDNGE.....PAELKE..SVEVLKPQTIQAGEEAEPLVLINNTLVDSDIKGLEESERLLQAEAAKRAAEE  153
NTDB id 1129 NGFG RS01435 WP 003687618.1       AQTPAL.KSAAENGETAADKPQDLAGEDKPSAADSEISEPENVGAPLVLINDRLEDSNIKGLEESEKLQQAETAKTEPKQ  147
consensus                                      ! !!  *  ! *!!*****! *!  ** *    *    *   * !!!!!!  ! !! !!!!!!!!*! !!! !!  *

logo

NTDB id 1099540 ACM67C RS04560 WP 066076972.1  KRAEERRARQAEQRKQAAAKAAAEREAAAKKRAAAAKAEK...AAADKAA.ASKQAADKAAEQRKQAAA......AK...  220
NTDB id 1129 NGFG RS01435 WP 003687618.1       AKQ..RAAEKVSATADSTDTVAVE....KPKRSAEPKPQKAERTAEAKPKAKETKTAEKVADKPKTAAEKTKPDTAKSDS  221
consensus                                       * **! !            ! !**** *!! ! *!* !*** !  !* *     !*! !* *! !! ******!!***

logo

NTDB id 1099540 ACM67C RS04560 WP 066076972.1  AAAERKAKQQAEAKKEAAKPKADSKTAAAAKNTAAAAKKPSEKAAADSKAAAKNTGKAAASGGQRAAIQAGYAEKERAQS  300
NTDB id 1129 NGFG RS01435 WP 003687618.1       AVKEAKKADKAEGKKTAEKDRSDGKKHETAQKT........DKA..D..KTKTAEKEKSGKAGKKAAIQAGYAEKERALS  289
consensus                                      !  ! !    !!*!! ! !** ! ! *  !  !*********!!**!**         * *! *!!!!!!!!!!!!! !

logo

NTDB id 1099540 ACM67C RS04560 WP 066076972.1  LQRKMKAAGINSKIIEINTDKGKVYRVKSEAYKSREAAGRDLEKLRVHGIAGAVVNE  357
NTDB id 1129 NGFG RS01435 WP 003687618.1       LQRKMKAAGIDSTITEIMTDNGKVYRVKSSNYKNARDAERDLNKLRVHGIAGQVTNE  346
consensus                                      !!!!!!!!!! ! ! !! !! !!!!!!!!  !!    ! !!! !!!!!!!!! ! !!
```

X non conserved

X similar

X $\geq$ 50% conserved