```
logo
NTDB id 1012 ACIAD RS15185 WP 004923719.1      MKLDQLDKTPKESGQPKKKRMNVEKFFQQFNMLDMSNYGSWPLSVKITCWIFIFFLVCALGYFVVIRPQLDDIQTAQAQE   80
NTDB id 1056 ABD1 RS15860 WP 000076101.1       MSQDELQELSLEQLSAKKKKFNLDKFLQQFNTLDMNNYGSWPISVKITCWIFIFFAVLALGYFIVIQPKLQAIDNAQAQE   80
NTDB id 1105171 ACNVED RS03690 WP 419421141.1 .......................MNNLNLSELTLENVGQWPPIIKYLIAASLIAIIIVFGYLLIIKQNLESRDSYIAQE   56
NTDB id 1255 GC085 RS04845 WP 011213355.1      .......................MDTVNLNELTLENVGQWPMPVKIGVILGISILIIGLGYWLIVKPNFEQLEIQEAQE   56
consensus                                      *  * *     *    **** *** * ** **! **! ! !!***!**************!!********* *****!!!

logo
NTDB id 1012 ACIAD RS15185 WP 004923719.1      KNLLNEFREKQSKLRNLQQYQHQLEEMRASFNQQLTQLPKESEIPGLVEDINMTGVNSGLKFKNIRLENEVKQEFFIEQP  160
NTDB id 1056 ABD1 RS15860 WP 000076101.1       SNLLNEFREKDSKLRNLQQYQVQLQEMQANFNQQLEQLPKETEIPSLVEDINLTGVNSGLKFKNIRLEDEVKQEIFIEQP  160
NTDB id 1105171 ACNVED RS03690 WP 419421141.1 KTLREEFERKQQLAANLQTYKMQLQIMNERFGTMLKQLPAENEMPGLLEDISKTGIASGLAFDLFAPQTEVKHDFYIELP  136
NTDB id 1255 GC085 RS04845 WP 011213355.1      IALKTEFEKKQHQAANLQAYRNQLQLMNERFGTMLKQLPAKNEMPGLLEEISKTGIASGLKFELFAPQPEVVHDFYVELP  136
consensus                                      **!**!! *!***  !!!*!**!!**!* *!   !*!!! **!*!*!*!*! *!!* !!!*!*   *  !!******! !

logo
NTDB id 1012 ACIAD RS15185 WP 004923719.1      ISIEATGDYHAFGAFVSGIAALPRIVTLHDFVIEAKQS.KEKTDI.PEVDYAVKAKTYRYIGVDEQGNASAVQ....ANT  234
NTDB id 1056 ABD1 RS15860 WP 000076101.1       IAIEATGDYHAFGAFVSSIAALPRIVTMHDFTVDVSPAKDNKSDI.PVLNYSIKAKTYRYVGATDTSEQTGKAPAASAST  239
NTDB id 1105171 ACNVED RS03690 WP 419421141.1 IKLTVIGNYHQLAVFISRIIQMSRIVTLHDFEINPQMDEKLKKPIKDLLIMQLTAKIYRYKTK................  199
NTDB id 1255 GC085 RS04845 WP 011213355.1      IKITIVGSYMQLARFLSRVAEMNRIVTLHEFSVEGVSSGDGKTVSQDELVMAITAKIYRYRAQ.................  199
consensus                                      !** **!*!*  **!*!******!!!!*!*!****  *   !*** **** ** !! !!! *  *    **      * *

logo
NTDB id 1012 ACIAD RS15185 WP 004923719.1      STTTPAQGGTP   245
NTDB id 1056 ABD1 RS15860 WP 000076101.1       NTTVQPK....   246
NTDB id 1105171 ACNVED RS03690 WP 419421141.1 ...........   199
NTDB id 1255 GC085 RS04845 WP 011213355.1      ...........   199
consensus                                       **
```

X non conserved

X similar

X $\geq$ 50% conserved