```
logo

NTDB id 1076105 ACJEH2 RS12590 WP 011215096.1  ........................MDTVNLSELTLENVGQWPMPVKIGVILGISILIIGLGYWLIVKPNFEQLEIQEAQE   56
NTDB id 1255 GC085 RS04845 WP 011213355.1      ........................MDTVNLNELTLENVGQWPMPVKIGVILGISILIIGLGYWLIVKPNFEQLEIQEAQE   56
NTDB id 1012 ACIAD RS15185 WP 004923719.1      MKLDQLDKTPKESGQPKKKRMNVEKFFQQFNMLDMSNYGSWPLSVKITCWIFIFFLVCALGYFVVIRPQLDDIQTAQAQE   80
NTDB id 1056 ABD1 RS15860 WP 000076101.1       MSQDELQELSLEQLSAKKKKFNLDKFLQQFNTLDMNNYGSWPISVKITCWIFIFFAVLALGYFIVIQPKLQAIDNAQAQE   80
consensus                                      *  * *     *    **** ***  * * **! **! ! !!**!!! * * !  ****!!!*****!* *****  !!!

logo

NTDB id 1076105 ACJEH2 RS12590 WP 011215096.1  VALKTEFEKKQHQAANLQAYRNQLQLMNERFGTMLKQLPAKNEMPGLLEEISKTGIASGLKFELFAPQPEVVHDFYVELP  136
NTDB id 1255 GC085 RS04845 WP 011213355.1      IALKTEFEKKQHQAANLQAYRNQLQLMNERFGTMLKQLPAKNEMPGLLEEISKTGIASGLKFELFAPQPEVVHDFYVELP  136
NTDB id 1012 ACIAD RS15185 WP 004923719.1      KNLLNEFREKQSKLRNLQQYQHQLEEMRASFNQQLTQLPKESEIPGLVEDINMTGVNSGLKFKNIRLENEVKQEFFIEQP  160
NTDB id 1056 ABD1 RS15860 WP 000076101.1       SNLLNEFREKDSKLRNLQQYQVQLQEMQANFNQQLEQLPKETEIPSLVEDINLTGVNSGLKFKNIRLEDEVKQEIFIEQP  160
consensus                                      * !   !!   !**   !!! ! *!!* !* *!   !*!!!  *!*!*!*!*! *!!* !!!!!    * *!! *****! !

logo

NTDB id 1076105 ACJEH2 RS12590 WP 011215096.1  IKITIVGSYMQLARFLSRVAEMNRIVTLHEFSVEGVSSGDGKTVSQDELVMAITAKIYRYRAQ.................  199
NTDB id 1255 GC085 RS04845 WP 011213355.1      IKITIVGSYMQLARFLSRVAEMNRIVTLHEFSVEGVSSGDGKTVSQDELVMAITAKIYRYRAQ.................  199
NTDB id 1012 ACIAD RS15185 WP 004923719.1      ISIEATGDYHAFGAFVSGIAALPRIVTLHDFVIEAKQS.KEKT.DIPEVDYAVKAKTYRYIGVDEQGNASAVQ....ANT  234
NTDB id 1056 ABD1 RS15860 WP 000076101.1       IAIEATGDYHAFGAFVSSIAALPRIVTMHDFTVDVSPAKDNKS.DIPVLNYSIKAKTYRYVGATDTSEQTGKAPAASAST  239
consensus                                      !*!   ! !*  * !*!**! **!!!!*!*!**********!**  **** ** !! !!!*** *    **      * *

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NTDB id 1076105 ACJEH2 RS12590 WP 011215096.1  ...........   199
NTDB id 1255 GC085 RS04845 WP 011213355.1      ...........   199
NTDB id 1012 ACIAD RS15185 WP 004923719.1      STTTPAQGGTP   245
NTDB id 1056 ABD1 RS15860 WP 000076101.1       NTTVQPK....   246
consensus                                       **
```

X non conserved

X similar

X $\geq$ 50% conserved