```
logo

NTDB id 261979 CAB17 RS03120 WP 115704044.1  MKRLKESLLIIYQYLSKQTEDASHQITLFGIVMMINYPLFGVFWKFESFQLSEEFCLRLIATFLCACLALNRFWPRFLLK   80
NTDB id 1288 LPG RS12645 WP 010948208.1      MQRLKNIFTAIYQYLLKETEDASHQITLFGIVMMINYPLFGVFWKLEHFQLTEEFILRITAALLCACLAFNQFWPRQLLK   80
consensus                                    ! !!!      !!!!! ! !!!!!!!!!!!!!!!!!!!!!!!!!! !*!!!*!!!*!!* !  !!!!!! ! !!!! !!!

logo

NTDB id 261979 CAB17 RS03120 WP 115704044.1  WLPVFWYLVLLFCLPYFFCYLTLINHCSTLWLMNCVSAIFFLLLVTSALGSLILIFGGCGLAFFSYFL.THRVMEYIPGT  159
NTDB id 1288 LPG RS12645 WP 010948208.1      FLPVFWYIVLLFCLPYFFAYLTLINNGSTLWLMNCVSAIFFLLLVSSVLGALILLISGVGLAFFHFYILSNNQFVYIPGT  160
consensus                                    *!!!!!!*!!!!!!!!!!*!!!!!!**!!!!!!!!!!!!!!!!!!!*! !! !!!*  !*!!!!!******    !!!!!

logo

NTDB id 261979 CAB17 RS03120 WP 115704044.1  ISLFSLSMTCVAAAVIGVLFARDREIIIAGRLSGMRMFASSIAHDLRTPLASIYLQAELQGIILNKIKNSEIRNDLQESL  239
NTDB id 1288 LPG RS12645 WP 010948208.1      ISLFSLIVTFIAAIIIGALFARDREITYAGRLSGMRMLAGSIAHDLRTPLASIYLQAELQELIVERLNNPEVQKDLKENL  240
consensus                                    !!!!!! *!**!! *!! !!!!!!!!  !!!!!!!!! ! !!!!!!!!!!!!!!!!!!!! *!* ** !*!*  !! ! !

logo

NTDB id 261979 CAB17 RS03120 WP 115704044.1  NKITRGIETSNRIISMQLSNIRHNKFNTSNFSIYPIHNLIERAVDDYPLKETQKSLIHVNYENNFSIWLEELAFKNLLWN  319
NTDB id 1288 LPG RS12645 WP 010948208.1      SKITRGIEMSNQLIRMQLNNIQRDKLDTSTFSIYSIKKLLKASLEEYPFKENQKSLIHLNDKNDFSIWIDEVGFKNMMWN  320
consensus                                     !!!!!!! !! *! !!! !! * !  !! !!!!*!* !*   ***!! !! !!!!!!*!  ! !!!!**!**!!!**!!

logo

NTDB id 261979 CAB17 RS03120 WP 115704044.1  LLKNSLEYIEETGKGIISIWLEIGVGKDNFNYLHVKDTARGIYSKNFGKIFERFYSERQNGTGLGLAYCKLLMQEAGGDI  399
NTDB id 1288 LPG RS12645 WP 010948208.1      LLKNSLEYIEETHKGEISIWLEQGWEKENFNYLHIKDTAKGLNHKEYEKIFDFFYSGRKEGTGLGLAYCKLLMQAAGGDI  400
consensus                                    !!!!!!!!!!!!*!! !!!!!! !  !*!!!!!!*!!!!*!* *! * !!!* !!! !  !!!!!!!!!!!!!! !!!!!

logo

NTDB id 261979 CAB17 RS03120 WP 115704044.1  FCKGKLNEFAHFTVKFPKID  419
NTDB id 1288 LPG RS12645 WP 010948208.1      SCKGKKNEFAHFTLKFPKID  420
consensus                                     !!!! !!!!!!!*!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved