```
logo
NTDB id 1141729 DQL20 RS02440 WP 006596885.1  MLEIKNLTGGYVNIPVLKDVSFEVGDGQLIGLIGLNGAGKSTTINEIIGLLRPYAGEIRIDGLTLATSPGAYRQKIGYIP   80
NTDB id 473 HSISS4 RS07770 WP 021143710.1     MLKLEKVTGGYANIPVLKDVTFEVADGELVGLIGLNGAGKSTTINEIIGLLTPYGGQIAIDGLTIQQDPASYRQKIGYIP   80
NTDB id 481 STER RS07730 WP 002951673.1       MLKLEKVTGGYANIPVLKDVTFEVADGELVGLIGLNGAGKSTTINEIIGLLTPYGGQIAIDGLTIQQDPASYRQKIGYIP   80
consensus                                     !!*****!!!!*!!!!!!!!*!!!*!!*!*!!!!!!!!!!!!!!!!!!!!!!!!*!!*!*!*!!!!!****!**!!!!!!!!!!

logo
NTDB id 1141729 DQL20 RS02440 WP 006596885.1  ETPSLYEELTLREHIETVAMAYDLDQEAVFARVTPLLKQFRLEEKLDWFPVHFSKGMKQKVMIICAFAVDPSLFIVDEPF  160
NTDB id 473 HSISS4 RS07770 WP 021143710.1     ETPSLYEELTLREHLETVLMAYGLDVTEGMVRADKYLKLFRLDEKLDWFPTQFSKGMKQKVMIICAFIVNPSLFIVDEPF  160
NTDB id 481 STER RS07730 WP 002951673.1       ETPSLYEELTLREHLETVLMAYGLDVTEGMARADKYLKLFRLDEKLDWFPTQFSKGMKQKVMIICAFIVNPSLFIVDEPF  160
consensus                                     !!!!!!!!!!!!!!!*!!!*!!!*!!******!****!!*!!!*!!!!!!!**!!!!!!!!!!!!!!!!!*!*!!!!!!!!!!

logo
NTDB id 1141729 DQL20 RS02440 WP 006596885.1  LGLDPVAISDLIQLLKVEKEKGKSILMSTHVLDSAEKMCDAFVILHKGQVRAQGTLEDLRTEFGMADADLNEIYLALTKE  240
NTDB id 473 HSISS4 RS07770 WP 021143710.1     LGLDPLAISDLIELLAEEKAKGKAILMSTHVLDSAEKMCDRFVILHHGQVLAQGTLEELRQTFGDDSASLNDIYMQLTKG  240
NTDB id 481 STER RS07730 WP 002951673.1       LGLDPLAISDLIELLAEEKANGKSILMSTHVLDSAEKMCDRFVILHHGQILAQGTIDELRQTFGDSSASLNDIYMQLTKG  240
consensus                                     !!!!!*!!!!!!*!!**!**!!*!!!!!!!!!!!!!!!!!!*!!!!!*!!**!!!!***!!**!!* *!*!!*!!**!!!*

logo
NTDB id 1141729 DQL20 RS02440 WP 006596885.1  ADR   243
NTDB id 473 HSISS4 RS07770 WP 021143710.1     ELS   243
NTDB id 481 STER RS07730 WP 002951673.1       ELS   243
consensus                                     ***
```

X non conserved

X similar

X ≥ 50% conserved