```
logo
NTDB id 1161737 U8955 RS08325 WP 038804523.1  MLEIKNLTGGYVHVPVLKDVSFTVESGQLVGLIGLNGAGKSTTINEIIGLLTPYSGEIKINGLTLREDATNYRKQIGYIP   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 1161737 U8955 RS08325 WP 038804523.1  ETPSLYEELTLREHIETVAMAYGIDQKVAFERVEPLLKMFRLDQKLDWFPVHFSKGMKQKVMIICAFVVDPSLFIVDEPF  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 1161737 U8955 RS08325 WP 038804523.1  LGLDPLAISDLIHLLEVEKQKGKSILMSTHVLDSAEKMCDAFVILHKGEVRAQGNLQKLREAFDMPEASLNDIYLALTKE  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 1161737 U8955 RS08325 WP 038804523.1  EEL   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