```
logo
NTDB id 1140521 DQN33 RS08090 WP 100912206.1  MLKIENLTGGYLNIPVLKNISFTIEDGELVGLIGLNGAGKSTTIKEIIGLLKPYNGEITIDGLSIEQDNQNYRKKIGFIP   80
NTDB id 481 STER RS07730 WP 002951673.1       MLKLEKVTGGYANIPVLKDVTFEVADGELVGLIGLNGAGKSTTINEIIGLLTPYGGQIAIDGLTIQQDPASYRQKIGYIP   80
NTDB id 473 HSISS4 RS07770 WP 021143710.1     MLKLEKVTGGYANIPVLKDVTFEVADGELVGLIGLNGAGKSTTINEIIGLLTPYGGQIAIDGLTIQQDPASYRQKIGYIP   80
consensus                                     !!!*!**!!!!*!!!!!!***!***!!!!!!!!!!!!!!!!!!!!*!!!!!!*!!*!*!*!!!!*!*!!***!!*!!!*!!

logo
NTDB id 1140521 DQN33 RS08090 WP 100912206.1  ETPSLYEELTLKEHIEITAMAYDIPVEKALQRAESLLETYRLSDKLDWFPSLFSKGMKQKVMIICAFIIDPSLFILDEPF  160
NTDB id 481 STER RS07730 WP 002951673.1       ETPSLYEELTLREHLETVLMAYGLDVTEGMARADKYLKLFRLDEKLDWFPTQFSKGMKQKVMIICAFIVNPSLFIVDEPF  160
NTDB id 473 HSISS4 RS07770 WP 021143710.1     ETPSLYEELTLREHLETVLMAYGLDVTEGMVRADKYLKLFRLDEKLDWFPTQFSKGMKQKVMIICAFIVNPSLFIVDEPF  160
consensus                                     !!!!!!!!!!!*!!*!***!!!***!**** !!***!***!!**!!!!!!**!!!!!!!!!!!!!!!!!**!!!!!*!!!!

logo
NTDB id 1140521 DQN33 RS08090 WP 100912206.1  LGLDPLAISDLVAHLEEEKKKGKSILMSTHVLDSAEKMCDRFIILHKGQIKAQGTLEELRKSFGQSGASLNDIYLMLTKE  240
NTDB id 481 STER RS07730 WP 002951673.1       LGLDPLAISDLIELLAEEKANGKSILMSTHVLDSAEKMCDRFVILHHGQILAQGTIDELRQTFGDSSASLNDIYMQLTKG  240
NTDB id 473 HSISS4 RS07770 WP 021143710.1     LGLDPLAISDLIELLAEEKAKGKAILMSTHVLDSAEKMCDRFVILHHGQVLAQGTLEELRQTFGDDSASLNDIYMQLTKG  240
consensus                                     !!!!!!!!!!!***!!!!**!!*!!!!!!!!!!!!!!!!!!!!*!!!!*!!**!!!!!**!!!**!!***!!!!!!!**!!!!*

logo
NTDB id 1140521 DQN33 RS08090 WP 100912206.1  V..   241
NTDB id 481 STER RS07730 WP 002951673.1       ELS   243
NTDB id 473 HSISS4 RS07770 WP 021143710.1     ELS   243
consensus                                     ***
```

X non conserved

X similar

X $\geq$ 50% conserved