```
logo

NTDB id 216335 BWR56 RS07935 WP 049505127.1  MLEIKNLTGGYVHVPVLKDVSFIVESGQLVGLIGLNGAGKSTTINEIIGLLTPYSGEIKINGLTLREDATSYRKQIGYIP  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 216335 BWR56 RS07935 WP 049505127.1  ETPSLYEELTLREHIETVAMAYGIEQKVAFDRAEPLLKMFRLDQKLDWFPVHFSKGMKQKVMIICAFVVDPSLFIVDEPF  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 216335 BWR56 RS07935 WP 049505127.1  LGLDPLAISDLIQLLEVEKQKGKSILMSTHVLDSAEKMCDAFVILHKGEVRAQGNLQQLREAFDMPEASLNDIYLALTKE  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 216335 BWR56 RS07935 WP 049505127.1  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