```
logo
NTDB id 362631 FD735 RS01810 WP 061587523.1  MLEIKNLTGGYVHVPVLKDVSFTVESGQLVGLIGLNGAGKSTTINEIIGLLTPYSGEIKINGLTLREDATSYRKQIGYIP   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 362631 FD735 RS01810 WP 061587523.1  ETPSLYEELTLREHIETVAMAYGIEQKVAFERVESLLKMFRLDQKLDWFPVHFSKGMKQKVMIICAFVVDPSLFIVDEPF  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 362631 FD735 RS01810 WP 061587523.1  LGLDPLAIADLIQLLEVEKQKGKSILMSTHVLDSAEKMCDAFVILHKGEVRAQGNLQQLREAFDMPEASLNDIYLALTKE  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 362631 FD735 RS01810 WP 061587523.1  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