```
logo
NTDB id 247844 CO686 RS01170 WP 049550485.1  MLEIKNLTGGYVHVPVLKDVSFTVESGQLVGLIGLNGAGKSTTINEIIGLLTPYSGEIKINGLTLRKDATNYRKQIGYIP   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 247844 CO686 RS01170 WP 049550485.1  ETPSLYEELTLREHIETVAMAYGVDQKVAFDRVEPLLKMFRLDQKLDWFPVHFSKGMKQKVMIICAFVVDPSLFIVDEPF  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 247844 CO686 RS01170 WP 049550485.1  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 247844 CO686 RS01170 WP 049550485.1  GDL   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