```
logo
NTDB id 1024710 AB1F57 RS11355 WP 105137617.1  MLEVKNITGGYANIPVLHDVDFKVKDGELVGLIGLNGAGKSTTIKEIIGLLSPYKGEILIDGQGINEDMATYRKKIGFIP   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 1024710 AB1F57 RS11355 WP 105137617.1  ETPSLYEELTLKEHIELVMMAYDLEAESAWARVQELLAIFRLEDRLDWFPVNFSKGMKQKVMIICALMVEPSLLIVDEPF  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 1024710 AB1F57 RS11355 WP 105137617.1  LGLDPIAIADLINLLNQAKAQGSSILMSTHVLDSAEKMCDRFVILHKGRVKATGNLTDLRQEFAMQDASLNEIYLSLTQE  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 1024710 AB1F57 RS11355 WP 105137617.1  GGQG   244
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 ≥ 50% conserved