```
logo
NTDB id 1120038 EL079 RS05895 WP 004344524.1  MLEIKGLTGGYVNIPVLKDISFTVGNGKLVGLIGLNGAGKSTTINEIIGLLTPYKGEILIDGAKLQDSPTVYRKKIGFIP   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 1120038 EL079 RS05895 WP 004344524.1  ETPSLYEELTLREHIETVAMAYDVEQKVAFARVEKLLTMFRLKEKLDWFPVHFSKGMKQKVMIICAFVVDPSLFIVDEPF  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 1120038 EL079 RS05895 WP 004344524.1  LGLDPVAIADLIELLEDEKAKGKSILMSTHVLDSAEKMCDSFVILHKGEIRAKGNLAELRAEFAMPEASLNDIYLALTEE  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 1120038 EL079 RS05895 WP 004344524.1  ASL   243
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