```
logo
NTDB id 156759 SanJ4206 RS01555 WP 004224310.1  MLEIKGLTGGYVNIPVLKDISFTVGNGELVGLIGLNGAGKSTTINEIIGLLTPYKGKILIDGAKLQDSPTAYREKIGFIP   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 156759 SanJ4206 RS01555 WP 004224310.1  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 156759 SanJ4206 RS01555 WP 004224310.1  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 156759 SanJ4206 RS01555 WP 004224310.1  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 ≥ 50% conserved