```
logo
NTDB id 405050 GOM46 RS01660 WP 235083775.1  MLEIKNLTGGYVHVPVLKDVSFTVESGQLVGLIGLNGAGKSTTINEIIGLLTPYSGEIKIDGLTLGENATSYRKKIGYIP   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 405050 GOM46 RS01660 WP 235083775.1  ETPSLYEELTLREHIETVAMAYGIEQTIAFERVEPLLKMFRLDQKLDWFPVHFSKGMKQKVMIICAFVVDPSLFIVDEPF  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 405050 GOM46 RS01660 WP 235083775.1  LGLDPLAISDLIQLLEVEKKKGKSILMSTHVLDSAEKMCDSFVILHKGQVRAKGNLDQLREAFAMPDASLNDIYLALTKE  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 405050 GOM46 RS01660 WP 235083775.1  EEL   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