```
logo
NTDB id 358777 E8M05 RS02080 WP 013851484.1  MLKIENITGGYINIPVLKNISFEVGDGELIGLIGLNGAGKSTTINEIIGLLTPYQGQISIDGLTLAQNQAEYRKKIGFIP   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 358777 E8M05 RS02080 WP 013851484.1  ETPSLYEELTLREHLETVAMAYDLNYDEAMARATELLELFRLSDKLEWFPINFSKGMKQKVMIICAFMVNPSLFIVDEPF  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 358777 E8M05 RS02080 WP 013851484.1  LGLDPLAISDLTELLAQEKAKGKAILMSTHVLDAAEKMCDRFVILHQGKIRATGTLAELREAFGDETATLNDIYMSLTKE  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 358777 E8M05 RS02080 WP 013851484.1  V..   241
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