```
logo

NTDB id 473 HSISS4 RS07770 WP 021143710.1      MLKLEKVTGGYANIPVLKDVTFEVADGELVGLIGLNGAGKSTTINEIIGLLTPYGGQIAIDGLTIQQDPASYRQKIGYIP   80
NTDB id 1137379 DQL34 RS08850 WP 084829044.1   MLKLEKVTGGYANIPVLKDVTFEVADGELVGLIGLNGAGKSTTINEIIGLLTPYGGQIVIDGLSIQQDSASYRQKIGYIP   80
NTDB id 481 STER RS07730 WP 002951673.1        MLKLEKVTGGYANIPVLKDVTFEVADGELVGLIGLNGAGKSTTINEIIGLLTPYGGQIAIDGLTIQQDPASYRQKIGYIP   80
consensus                                      !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!*!!!!*!!!!!!!!!!!

logo

NTDB id 473 HSISS4 RS07770 WP 021143710.1      ETPSLYEELTLREHLETVLMAYGLDVTEGMVRADKYLKLFRLDEKLDWFPTQFSKGMKQKVMIICAFIVNPSLFIVDEPF  160
NTDB id 1137379 DQL34 RS08850 WP 084829044.1   ETPSLYEELTLREHLETVLMAYGLDVTEGMAHADKYLKLFRLDEKLDWFPTQFSKGMKQKVMIICAFIVNPSLFIVDEPF  160
NTDB id 481 STER RS07730 WP 002951673.1        ETPSLYEELTLREHLETVLMAYGLDVTEGMARADKYLKLFRLDEKLDWFPTQFSKGMKQKVMIICAFIVNPSLFIVDEPF  160
consensus                                      !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!**!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 473 HSISS4 RS07770 WP 021143710.1      LGLDPLAISDLIELLAEEKAKGKAILMSTHVLDSAEKMCDRFVILHHGQVLAQGTLEELRQTFGDDSASLNDIYMQLTKG  240
NTDB id 1137379 DQL34 RS08850 WP 084829044.1   LGLDPLAISDLIELLAEEKANGKSILMSTHVLDSAEKMCDRFVILHHGQVLAQGTIDELRQTFGDSSASLNDIYMQLTKG  240
NTDB id 481 STER RS07730 WP 002951673.1        LGLDPLAISDLIELLAEEKANGKSILMSTHVLDSAEKMCDRFVILHHGQILAQGTIDELRQTFGDSSASLNDIYMQLTKG  240
consensus                                      !!!!!!!!!!!!!!!!!!!!!*!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!**!!!!!!!!!*!!!!!!!!!!!!!!!

logo

NTDB id 473 HSISS4 RS07770 WP 021143710.1      ELS   243
NTDB id 1137379 DQL34 RS08850 WP 084829044.1   ELS   243
NTDB id 481 STER RS07730 WP 002951673.1        ELS   243
consensus                                      !!!
```

X non conserved

X similar

X $\geq$ 50% conserved