```
logo
NTDB id 139798 SI82 RS08200 WP 003101905.1  MLKIEHLTGGYLNIPVLKDVSFSVEDGQLVGLIGLNGAGKSTTINEIIGLLKPYQGKISIDGLTLDENMAEYRKKIGFIPETPSL  85
NTDB id 473 HSISS4 RS07770 WP 021143710.1  MLKLEKVTGGYANIPVLKDVTFEVADGELVGLIGLNGAGKSTTINEIIGLLTPYGGQIAIDGLTIQQDPASYRQKIGYIPETPSL  85
NTDB id 481 STER RS07730 WP 002951673.1    MLKLEKVTGGYANIPVLKDVTFEVADGELVGLIGLNGAGKSTTINEIIGLLTPYGGQIAIDGLTIQQDPASYRQKIGYIPETPSL  85
consensus                                  !!!*!**!!!!*!!!!!!!!*!*!*!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!*!*!!!!!*****!*!!*!!!*!!!!!!!!

logo
NTDB id 139798 SI82 RS08200 WP 003101905.1  YEELTLSEHLETIAMAYDIDVKLAMERAKPLLESYRLTDKLDWYPVNFSKGMKQKVMIICAFIIDPSLFILDEPFLGLDPLAISD  170
NTDB id 473 HSISS4 RS07770 WP 021143710.1  YEELTLREHLETVLMAYGLDVTEGMVRADKYLKLFRLDEKLDWFPTQFSKGMKQKVMIICAFIVNPSLFIVDEPFLGLDPLAISD  170
NTDB id 481 STER RS07730 WP 002951673.1    YEELTLREHLETVLMAYGLDVTEGMARADKYLKLFRLDEKLDWFPTQFSKGMKQKVMIICAFIVNPSLFIVDEPFLGLDPLAISD  170
consensus                                  !!!!!!*!!!!!**!!!**!!***! !!***!***!**!!!!*!**!!!!!!!!!!!!!!!!!**!!!!!*!!!!!!!!!!!!!!!

logo
NTDB id 139798 SI82 RS08200 WP 003101905.1  LISYLESEKVKGKSILMSTHVLDSAEKMCDRFVILHQGQVRAQGTLEELRQEFAQTGASLNDIYLALTREV..  241
NTDB id 473 HSISS4 RS07770 WP 021143710.1  LIELLAEEKAKGKAILMSTHVLDSAEKMCDRFVILHHGQVLAQGTLEELRQTFGDDSASLNDIYMQLTKGELS  243
NTDB id 481 STER RS07730 WP 002951673.1    LIELLAEEKANGKSILMSTHVLDSAEKMCDRFVILHHGQILAQGTIDELRQTFGDSSASLNDIYMQLTKGELS  243
consensus                                  !!**!**!**!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!**!!!!**!!!!*!**********!!!!!!!!**!!*****
```

X non conserved

X similar

X $\geq$ 50% conserved