```
logo
NTDB id 40185 SOR RS01845 WP 000889946.1    MLEIKNLTGGYVHVPVLKDVSFTVESGQLVGLIGLNGAGKSTTINEIIGLLTPYSGEIKINGLTLREDATSYRKQIGYIPETPTL   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 40185 SOR RS01845 WP 000889946.1    YEELTLREHIETVAMAYGIEQKAAFERVESLLKMFRLDQKLDWFPVHFSKGMKQKVMIICAFVVDPSLFIVDEPFLGLDPLAIAD   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 40185 SOR RS01845 WP 000889946.1    LIQLLEVEKKKGKSILMSTHVLDSAEKMCDAFVILHKGEVRAQGNLQQLREAFDMPEASLNDIYLALTKEEEL   243
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