```
logo

NTDB id 46448 UKS RS01780 WP 000889954.1  MLEIKNLTGGYVHVPVLKDVSFTVESGQLVGLIGLNGAGKSTTINEIIGLLTPYSGSININGLTLQEDATSYRKQIGYIPETPSL  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 46448 UKS RS01780 WP 000889954.1  YEELTLREHIETVAMAYGIEQKVAFDRVEPLLKMFRLDQKLDWFPVHFSKGMKQKVMIICAFVVDPSLFIVDEPFLGLDPLAIAD  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 46448 UKS RS01780 WP 000889954.1  LIQLLEVEKQKGKSILMSTHVLDSAEKMCDAFVILHKGEVRAKGNLLQLREAFDMPEASLNDIYLALTKEEEL  243
NTDB id 473 HSISS4 RS07770 WP 021143710.1 LIELLAEEKAKGKAILMSTHVLDSAEKMCDRFVILHHGQVLAQGTLEELRQTFGDDSASLNDIYMQLTKGELS  243
NTDB id 481 STER RS07730 WP 002951673.1   LIELLAEEKANGKSILMSTHVLDSAEKMCDRFVILHHGQILAQGTIDELRQTFGDSSASLNDIYMQLTKGELS  243
consensus                               !!*!!**!!**!!*!!!!!!!!!!!!!!!!!*!!!!!*!***!*!***!!**!**  *!!!!!!!**!!!*!**
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X non conserved

X similar

X ≥ 50% conserved