```
logo

NTDB id 1121861 EL140 RS07890 WP 000889938.1  MLEIKNLTGGYVHVPVLKDVSFTVESGQLVGLIGLNGAGKSTTINEIIGLLTPYSGEIKINGLTLREDATNYRKQIGYIP   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 1121861 EL140 RS07890 WP 000889938.1  ETPSLYEELTLREHIETVAMAYGIEQNVAFERVESLLKMFRLDQKLDWFPVHFSKGMKQKVMIICAFVVDPSLFIVDEPF  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 1121861 EL140 RS07890 WP 000889938.1  LGLDPLAISDLIQLLEVEKQKGKSILMSTHVLDSAEKMCDAFVILHKGEVRAQGNLQQLREAFGMPEASLNDIYLALTKE  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 1121861 EL140 RS07890 WP 000889938.1  EEL   243
NTDB id 473 HSISS4 RS07770 WP 021143710.1     ELS   243
NTDB id 481 STER RS07730 WP 002951673.1       ELS   243
consensus                                     !**
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X non conserved

X similar

X $\geq$ 50% conserved