```
logo

NTDB id 105869 AABA08 RS02320 WP 000889956.1  MLEIKNLTGGYVHVPVLKDVSFTVESGQLVGLIGLNGAGKSTTINEIIGLLTPYSGSININGLTLQEDATSYRKQIGYIP   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 105869 AABA08 RS02320 WP 000889956.1  ETPSLYEELTLREHIETVAMAYGIEQKVAFERVEPLLKMFRLDQKLDWFPVHFSKGMKQKVMIICAFVVDPSLFIVDEPF  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 105869 AABA08 RS02320 WP 000889956.1  LGLDPLAIADLIQLLEVEKQKGKSILMSTHVLDSAEKMCDAFVILHKGEVRAKGNLLQLREAFNMPEASLNDIYLALTKE  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 105869 AABA08 RS02320 WP 000889956.1  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 ≥ 50% conserved