```
logo

NTDB id 358863 E8M06 RS09105 WP 015647345.1  MLEVKNVTGGYVNIPVLKDVSFTVEDGQLVGLIGLNGAGKSTTIKEIIGLLTPYQGQIAIDGLTLLQGAENYRKKIGFIP   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 358863 E8M06 RS09105 WP 015647345.1  ETPSLYEELTLKEHLEVVAMAYDLSWEQAWGRVEHLLKLFRLDEKLDWFPVNFSKGMKQKVMIICAFMVEPSLLIVDEPF  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 358863 E8M06 RS09105 WP 015647345.1  LGLDPVAISDLIALLEEEKSKGTSILMSTHVLDSAEKMCDSFVILHQGQVRATGNLEELQSTFGMDGASLNEIYLALTQE  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 358863 E8M06 RS09105 WP 015647345.1  GVAG   244
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