```
logo

NTDB id 293542 DLJ52 RS09095 WP 002960055.1  MLKIDKMTGGYRNIPVLKEISFEVPDGQLVGLIGLNGAGKSTTIKEIIGLLTPYQGAITIDDLSLAQDKEAYRKKIGFIP   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 293542 DLJ52 RS09095 WP 002960055.1  ETPSLYEELTLKEHLETVAMAYDIPTAEALDRAQKLLQLFRLEDKLDWFPVNFSKGMKQKVMIICAFIVQPRLLIVDEPF  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 293542 DLJ52 RS09095 WP 002960055.1  LGLDPLAINDLMDLLEEEKAKGTAILMSTHVLDSAQKMCDSFVILHQGQIRAQGTLADLRASFGQADASLNDLYMALTKE  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 293542 DLJ52 RS09095 WP 002960055.1  V..   241
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