```
logo

NTDB id 241073 Sp14A RS08975 WP 115130748.1  MLKIDHLVGGYVNIPVLKDISFEVSSGEVVGLIGLNGAGKSTTISEIIGLLQPYQGSVTLDGLQLLENPESYRRKIGYIP   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 241073 Sp14A RS08975 WP 115130748.1  ETPILYEELTLQEHLDTVALAYGLGEQQEL..RQKLLQLFRLEDKLDWYPIHFSKGMKQKVMIIAALMIEPSLLIVDEPF  158
NTDB id 473 HSISS4 RS07770 WP 021143710.1    ETPSLYEELTLREHLETVLMAYGLDVTEGMVRADKYLKLFRLDEKLDWFPTQFSKGMKQKVMIICAFIVNPSLFIVDEPF  160
NTDB id 481 STER RS07730 WP 002951673.1      ETPSLYEELTLREHLETVLMAYGLDVTEGMARADKYLKLFRLDEKLDWFPTQFSKGMKQKVMIICAFIVNPSLFIVDEPF  160
consensus                                    !!!*!!!!!!!*!!!*!!**!!!!****** ***!*!*!!!!**!!!!*!**!!!!!!!!!!!!!*!****!!!*!!!!!!

logo

NTDB id 241073 Sp14A RS08975 WP 115130748.1  LGLDPLAIRDLTNIIAEEKTKGTAVLMSTHVLDSAEKMCDRFVILHHGEILANGSLEELRQQFSLPTADLTDIYMQLTQE  238
NTDB id 473 HSISS4 RS07770 WP 021143710.1    LGLDPLAISDLIELLAEEKAKGKAILMSTHVLDSAEKMCDRFVILHHGQVLAQGTLEELRQTFGDDSASLNDIYMQLTKG  240
NTDB id 481 STER RS07730 WP 002951673.1      LGLDPLAISDLIELLAEEKANGKSILMSTHVLDSAEKMCDRFVILHHGQILAQGTIDELRQTFGDSSASLNDIYMQLTKG  240
consensus                                    !!!!!!!!!*!!****!!!!**!***!!!!!!!!!!!!!!!!!!!!!!!!!!!!**!!*!***!!!!*!** *!*!*!!!!!!!**

logo

NTDB id 241073 Sp14A RS08975 WP 115130748.1  N..   239
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