```
logo

NTDB id 1022607 AB1395 RS08025 WP 218653621.1  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 1022607 AB1395 RS08025 WP 218653621.1  ETPILYEELTLQEHLDTIALAYGLGEQQEL..RQKLLQLFRLEDKLDWYPINFSKGMKQKVMIIAALMIEPSLLIVDEPF  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 1022607 AB1395 RS08025 WP 218653621.1  LGLDPLAIRDLTTIIAEEKAKGTAVLMSTHVLDSAEKMCDRFVILHHGEILANGSLEELRQQFSLPTADLTDIYMQLTQE  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 1022607 AB1395 RS08025 WP 218653621.1  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