```
logo

NTDB id 1070805 ACIVIR RS04470 WP 050221198.1  MLEIKNLTGGYVHVPVLKDVSFTVESGQLVGLIGLNGAGKSTTINEIIGLLAPYSGSININRLTLQGDATSYRKQIGYIP   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 1070805 ACIVIR RS04470 WP 050221198.1  ETPSLYEELTLREHIETVAMAYGIEQKVAFERVEPLLKMFRLEQKLDWFPVHFSKGMKQKVMIICAFVVDPSLFIVDEPF  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 1070805 ACIVIR RS04470 WP 050221198.1  LGLDPLAISDLIQLLEVEKQKGKSILMSTHVLDSAEKMCDAFVILHKGEVRAKGNLLQLREAFDMPEASLNDIYLALTKE  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 1070805 ACIVIR RS04470 WP 050221198.1  EDL   243
NTDB id 473 HSISS4 RS07770 WP 021143710.1      ELS   243
NTDB id 481 STER RS07730 WP 002951673.1        ELS   243
consensus                                      !**
```

X non conserved
X similar
X ≥ 50% conserved