```
logo
NTDB id 49851 SSUA7 RS08410 WP 012027751.1   MLEVKNVTGGYVNIPVLKDVSFTVEDGQLVGLIGLNGAGKSTTIKEIIGLLTPYQGQIVIDGLTLLQGAENYRKKIGFIPETPSL   85
NTDB id 473 HSISS4 RS07770 WP 021143710.1    MLKLEKVTGGYANIPVLKDVTFEVADGELVGLIGLNGAGKSTTINEIIGLLTPYGGQIAIDGLTIQQDPASYRQKIGYIPETPSL   85
NTDB id 481 STER RS07730 WP 002951673.1      MLKLEKVTGGYANIPVLKDVTFEVADGELVGLIGLNGAGKSTTINEIIGLLTPYGGQIAIDGLTIQQDPASYRQKIGYIPETPSL   85
consensus                                    !!****!!!!!*!!!!!!!!*!*!*!!*!!!!!!!!!!!!!!!!!!*!!!!!!!!!*!!!!*!!!!!**!****!!*!!!*!!!!!!!!
```

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logo
NTDB id 49851 SSUA7 RS08410 WP 012027751.1   YEELTLKEHLEVVAMAYDLSWEQAWGRVEHLLKLFRLDEKLDWFPVNFSKGMKQKVMIICAFMVEPSLLIVDEPFLGLDPVAISD   170
NTDB id 473 HSISS4 RS07770 WP 021143710.1    YEELTLREHLETVLMAYGLDVTEGMVRADKYLKLFRLDEKLDWFPTQFSKGMKQKVMIICAFIVNPSLFIVDEPFLGLDPLAISD   170
NTDB id 481 STER RS07730 WP 002951673.1      YEELTLREHLETVLMAYGLDVTEGMARADKYLKLFRLDEKLDWFPTQFSKGMKQKVMIICAFIVNPSLFIVDEPFLGLDPLAISD   170
consensus                                    !!!!!!*!!!!*!*!!!*!******!****!!!!!!!!!!!!!!!!**!!!!!!!!!!!!!!!!*!*!!!*!!!!!!!!!!!!*!!!!
```

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logo
NTDB id 49851 SSUA7 RS08410 WP 012027751.1   LIALLGEEKSKGTSILMSTHVLDSAEKMCDSFVILHQGQVRATGNLEELQSAFGMDGASLNEIYLALTQEGVAG   244
NTDB id 473 HSISS4 RS07770 WP 021143710.1    LIELLAEEKAKGKAILMSTHVLDSAEKMCDRFVILHHGQVLAQGTLEELRQTFGDDSASLNDIYMQLTKGELS.   243
NTDB id 481 STER RS07730 WP 002951673.1      LIELLAEEKANGKSILMSTHVLDSAEKMCDRFVILHHGQILAQGTIDELRQTFGDSSASLNDIYMQLTKGELS.   243
consensus                                    !!*!!*!!!**!**!!!!!!!!!!!!!!!!!!!!*!!!!!*!!**!*!***!!***!!***!!!!*!!**!!*****
```

X non conserved

X similar

X ≥ 50% conserved