```
logo

NTDB id 212149 BEI49 RS21610 WP 001013197.1  MNGIESFANMILKEACRVQASDLHIVPRQKDVVVQLRIGKDLMTKYCIEKEFGEKLVSHFKFLASMDIGERRKPQNGSLY   80
NTDB id 96 BSU 24730 NP 390353.1             MDSIEKVSKNLIEEAYLTKASDIHIVPRERDAIIHFRVDHALLKKRDMKKEECVRLISHFKFLSAMDIGERRKPQNGSLT   80
consensus                                    !  !!     ** !!*   !!!*!!!!! *! *** !* * !* ! ** !! * *!*!!!!!!  !!!!!!!!!!!!!!

logo

NTDB id 212149 BEI49 RS21610 WP 001013197.1  LQMDGQEVYLRLSTLPTVYQESLVIRLHLQASIQPLSHLSLFPSTAKILLSFLRYSHGLLVFTGPTGSGKTTTMYALLEV  160
NTDB id 96 BSU 24730 NP 390353.1             LKLKEGNVHLRMSTLPTINEESLVIRVMPQYNIPSIDKLSLFPKTGATLLSFLKHSHGMLIFTGPTGSGKTTTLYSLVQY  160
consensus                                    ! *    !*!!*!!!!!*  !!!!!!***!  !*** *!!!!! !*  !!!!!**!!!*!*!!!!!!!!!!!!*! !*

logo

NTDB id 212149 BEI49 RS21610 WP 001013197.1  IRKKKTRRIVTLEDPVEKRNDDVLQIQINEKAGITYEAGLKAILRHDPDVILVGEIRDEETAKIAIRASLTGHLVMTTLH  240
NTDB id 96 BSU 24730 NP 390353.1             AKKHFNRNIVTLEDPVETRDEDVLQVQVNEKAGVTYSAGLKAILRHDPDMIILGEIRDAETAEIAVRAAMTGHLVLTSLH  240
consensus                                     *!*  ! !!!!!!!!! ! *!!!!*!*!!!!!*!! !!!!!!!!!!!!*!**!!!!! !!! !!*!! *!!!!!*!*!!

logo

NTDB id 212149 BEI49 RS21610 WP 001013197.1  TNDARGAILRFMDFGITRQEIEQSLLAIAAQRLVELKCPFCKRKCST.LCKSMRQVRQASIYELLYGYELKQAIKEANGE  319
NTDB id 96 BSU 24730 NP 390353.1             TRDAKGAIYRLLEFGINMNEIEQTVIAIAAQRLVDLACPFCENGCSSVYCRQSRNTRRASVYELLYGKNLQQCIQEAKGN  320
consensus                                    ! !!*!!! ! **!!!  *!!!!***!!!!!!!!*! !!!!   !!** !*  !* ! !!*!!!!!!  ! !*! !! !

logo

NTDB id 212149 BEI49 RS21610 WP 001013197.1  CVTYKHETLQSSIRKGYALGFLEEDVYV........  347
NTDB id 96 BSU 24730 NP 390353.1             HANYQYQTLRQIIRKGIALGYLTTNNYDRWVYHEKD  356
consensus                                       ! * !!   !!!! !!!*!    ! ********
```

X non conserved

X similar

X $\geq$ 50% conserved