```
logo

NTDB id 1080789 ACK2WG RS12285 WP 072183690.1  MDSIEKISRTLIEEAYITKASDIHIVPRERDAIIHFRVDHALLKKRHMKKEECVRLISHFKFLSAMDIGERRKPQNGSLT   80
NTDB id 96 BSU 24730 NP 390353.1               MDSIEKVSKNLIEEAYLTKASDIHIVPRERDAIIHFRVDHALLKKRDMKKEECVRLISHFKFLSAMDIGERRKPQNGSLT   80
consensus                                      !!!!!!*!* !!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 1080789 ACK2WG RS12285 WP 072183690.1  LKLEEGNVHLRMSTLPTINEESLVIRVMPQYNIPSIDKLSLFPKTGATLLSFLKHSHGMLIFTGPTGSGKTTTLYSLVQY  160
NTDB id 96 BSU 24730 NP 390353.1               LKLKEGNVHLRMSTLPTINEESLVIRVMPQYNIPSIDKLSLFPKTGATLLSFLKHSHGMLIFTGPTGSGKTTTLYSLVQY  160
consensus                                      !!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 1080789 ACK2WG RS12285 WP 072183690.1  AKKHFNRNIVTLEDPVETRDEDVLQVQVNEKAGVTYSAGLKAILRHDPDMIILGEIRDAETAKIAVRAAMTGHLVLTSLH  240
NTDB id 96 BSU 24730 NP 390353.1               AKKHFNRNIVTLEDPVETRDEDVLQVQVNEKAGVTYSAGLKAILRHDPDMIILGEIRDAETAEIAVRAAMTGHLVLTSLH  240
consensus                                      !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 1080789 ACK2WG RS12285 WP 072183690.1  TRDAKGAIYRLLEFGINMNEIEQTVIAIAAQRLVDLACPFCENGCSSVYCRQSRNTRRASVYELLYGKNLQQCIQEAKGN  320
NTDB id 96 BSU 24730 NP 390353.1               TRDAKGAIYRLLEFGINMNEIEQTVIAIAAQRLVDLACPFCENGCSSVYCRQSRNTRRASVYELLYGKNLQQCIQEAKGN  320
consensus                                      !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 1080789 ACK2WG RS12285 WP 072183690.1  HANYQYQTLRQIIRKGIALGYLTTNNYDRWVYHETD  356
NTDB id 96 BSU 24730 NP 390353.1               HANYQYQTLRQIIRKGIALGYLTTNNYDRWVYHEKD  356
consensus                                      !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

X non conserved
X similar
X $\geq$ 50% conserved