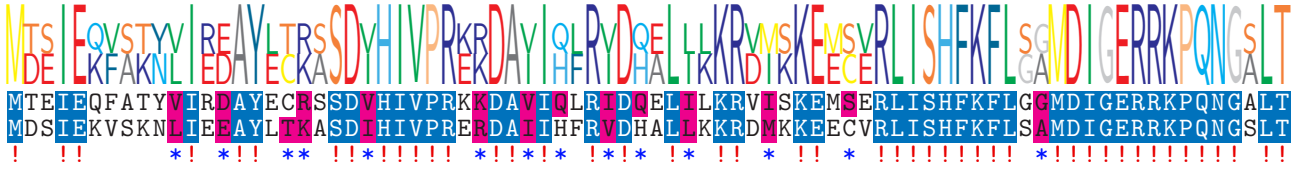

```
logo
NTDB id 1007348 BACILLUS RS24050 WP 047932633.1  MTEIEQFATYVIRDAYECRSSDVHIVPRKKDAVIQLRIDQELILKRVISKEMSERLISHFKFLGGMDIGERRKPQNGALT   80
NTDB id 96 BSU 24730 NP 390353.1                 MDSIEKVSKNLIEEAYLTKASDIHIVPRERDAIIHFRVDHALLKKRDMKKEECVRLISHFKFLSAMDIGERRKPQNGSLT   80
consensus                                        !  !!     *! *!! ** !!*!!!!! *!!*!* !*!* !* !! * !! * !!!!!!!!! *!!!!!!!!!!!! !!

logo
NTDB id 1007348 BACILLUS RS24050 WP 047932633.1  TSIDHYQVNLRLSTLPTSHDESLVIRLLPHQQSTSLKHLSLFPEHTKKLISLLKFSHGLIIFTGPTGSGKTTTLYTLLHE  160
NTDB id 96 BSU 24730 NP 390353.1                 LKLKEGNVHLRMSTLPTINEESLVIRVMPQYNIPSIDKLSLFPKTGATLLSFLKHSHGMLIFTGPTGSGKTTTLYSLVQY  160
consensus                                         * * *!*!!*!!!!! **!!!!!!**!* * *!* *!!!!! *   !*! !!*!!!**!!!!!!!!!!!!!!!*!**

logo
NTDB id 1007348 BACILLUS RS24050 WP 047932633.1  VKHLFNRNVITLEDPIEKPSETVLQVQVNERAGITYTTGLKAILRHDPDIIMVGEIRDSETAQIAVRAALTGHLVLTTMH  240
NTDB id 96 BSU 24730 NP 390353.1                 AKKHFNRNIVTLEDPVETRDEDVLQVQVNEKAGVTYSAGLKAILRHDPDMIILGEIRDAETAEIAVRAAMTGHLVLTSLH  240
consensus                                         !**!!!!**!!!!!*! * ! !!!!!!!!*!!*!!* !!!!!!!!!!!*!**!!!!! !!! !!!!!!*!!!!!!!**!

logo
NTDB id 1007348 BACILLUS RS24050 WP 047932633.1  TKDTKGSLYRLLEFGVSFQEMEQTLVAVAAQRLVEIRCPLCSGKCHP.ACKKMRKHRQSSIYELLYGKELSAVMREVKGE  319
NTDB id 96 BSU 24730 NP 390353.1                 TRDAKGAIYRLLEFGINMNEIEQTVIAIAAQRLVDLACPFCENGCSSVYCRQSRNTRRASVYELLYGKNLQQCIQEAKGN  320
consensus                                        !*! !! *!!!!!!!*  *!*!!!**!*!!!!!!** !! !   !*** !*  ! *!  !*!!!!!!! !  ** ! !!

logo
NTDB id 1007348 BACILLUS RS24050 WP 047932633.1  NADYDYKTLRDVILKGIALGYLYPHSLDGWG.....   350
NTDB id 96 BSU 24730 NP 390353.1                 HANYQYQTLRQIIRKGIALGYLTTNNYDRWVYHEKD   356
consensus                                        *! ! ! !!! *! !!!!!!!! **  ! ! *****
```

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