```
logo
NTDB id 1384 A4U84 RS08525 WP 010787006.1     MSQYTICEQQTERIFDISPSRWQKNCEEKQLLLRYLAVPVQETEHKLWLAVDDENNLTACEIFAFMTHKQIEPVVIASDE    80
NTDB id 345940 EXW52 RS20970 WP 215600710.1  ..................................................................................     0
NTDB id 96 BSU 24730 NP 390353.1             ..................................................................................     0
consensus

logo
NTDB id 1384 A4U84 RS08525 WP 010787006.1     LKYLLNALSPEQQPIYEESELAFVEQEQEQLNLNNDPIIQLLDNLFKFCLAQNASDIHIEPRKQKLIIRLRIDGVLHLYKS   160
NTDB id 345940 EXW52 RS20970 WP 215600710.1  ................................MNSVELFANMIMKEACRVQASDLHIVPRQKDVAIQLRIGKDLITKRC    47
NTDB id 96 BSU 24730 NP 390353.1             ................................MDSIEKVSKNLIEEAYLTKASDIHIVPRERDAIIHFRVDHALLKKRD    47
consensus                                                                    ***** *  ******   *!!!*!!*!! ****! *!**  !* **

logo
NTDB id 1384 A4U84 RS08525 WP 010787006.1     LSIQLASRLISRIKLLAKLDISELRQPQDGQFSFTTALADTLDFRVSSLPTIYGEKLVLRLQKNKPTSFDFLQLGFNPQQ   240
NTDB id 345940 EXW52 RS20970 WP 215600710.1  IEKEFGEKLVSHFKFLASMDIGERRKPQNGSLYLQID.GQEVYLRLSTLPTVYQESLVIRLHLQAS.AQPLSHLSLFPSS   125
NTDB id 96 BSU 24730 NP 390353.1             MKKEECVRLISHFKFLSAMDIGERRKPQNGSLTLKLK.EGNVHLRMSTLPTINEESLVIRVMPQYN.IPSIDKLSLFPKT   125
consensus                                    * ** * *!*!**!*!* *!!*!*!*!!*!*** *  *  * *!*!*!!!** !*!!*!*  *      *  !***! *

logo
NTDB id 1384 A4U84 RS08525 WP 010787006.1     QTTLLNALKQPQGLILVTGPTGSGKSITLYSALNYLNQ.MDKHILTAEDPVEIEIDGLIQTQVNRSIQLDFSQLLRTFLR   319
NTDB id 345940 EXW52 RS20970 WP 215600710.1  AEKLLSFLKHSHGLLVFTGPTGSGKTTTMYALLEVARKWQTRRIITLEDPVEQRKDGLLQIQINEKAGITYKTGLKAILR   205
NTDB id 96 BSU 24730 NP 390353.1             GATLLSFLKHSHGMLIFTGPTGSGKTTTLYSLVQYAKKHFNRNIVTLEDPVETRDEDVLQVQVNEKAGVTYSAGLKAILR   205
consensus                                    * *!!**!!***!****!!!!!!!**!*!********   * !*!*!!!!! * ****!*!*!********* *!***!!

logo
NTDB id 1384 A4U84 RS08525 WP 010787006.1     QDPDIIMLGEIRDEESAKMALRASQTGHLVLSTLHTNDALSAVERLLQLGIQEYEIQNSLLLVIAQRLVRKLCKKCRGVG   399
NTDB id 345940 EXW52 RS20970 WP 215600710.1  HDPDIILVGEIRDEETAKVAVRASLTGHLVMTTLHTNDAKGAILRFMDYGITRQEIEQSLLAVAAQRLVELKCPFCRGKC   285
NTDB id 96 BSU 24730 NP 390353.1             HDPDMIILGEIRDAETAEIAVRAAMTGHLVLTSLHTRDAKGAIYRLLEFGINMNEIEQTVIAIAAQRLVDLACPFCENGC   285
consensus                                    *!!!*!**!!!!!*!*!**!*!!**!!!!!***!!!*!!**!* !****!!* *!!********!!!!!** !**!** *

logo
NTDB id 1384 A4U84 RS08525 WP 010787006.1     CD.ECYQGYRG.RIGVYQCLSRTA.....KKFDKQTAYLDFSSLRESAKQKIEQQLTNETEVDRVLGYE..   461
NTDB id 345940 EXW52 RS20970 WP 215600710.1  AT.LCKSMRKVRQASIYELLYGYELKQAIKEASGEHVTYHYKTLESSVRKGYALGFLEEDVYV........   347
NTDB id 96 BSU 24730 NP 390353.1             SSVYCRQSRNTRRASVYELLYGKNLQQCIQEAKGNHANYQYQTLRQIIRKGIALGYLTTNNYDRWVYHEKD   356
consensus                                     *  !** ** *****!**!**  * * **** **** * * *!* ********** *  *** *  *
```

X non conserved

X similar

X ≥ 50% conserved