```
logo
NTDB id 1366 NTHI RS01950 WP 011271972.1      MTSYALLHTQRVTAQNGEIFTISPDLWERNQQQQSLLLRYFALPLKEENNRLWLGVDSLSNLSACETIAFITGKPVEPIL    80
NTDB id 37311 BMB171 RS21165 WP 001013170.1   ..................................................................................     0
NTDB id 96 BSU 24730 NP 390353.1              ..................................................................................     0
consensus

logo
NTDB id 1366 NTHI RS01950 WP 011271972.1      LESSQLKELLQQLTPHQMQVEEQVKFYQHQETHFEQEDDDEPVIRLLNQIFESALQKNASDIHLETLADQFQVRFRIDGVL   160
NTDB id 37311 BMB171 RS21165 WP 001013170.1   ....................................MNGIEIFANAILKEACRVQASDLHIVPRQKDVAVQLRIGKDL    42
NTDB id 96 BSU 24730 NP 390353.1              ....................................MDSIEKVSKNLIEEAYLTKASDIHIVPRERDAIIHFRVDHAL    42
consensus                                                                           ** **** ******!   *!!!*!**** **  * *!**  !

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NTDB id 1366 NTHI RS01950 WP 011271972.1      QPQPLISKIFANRIISRLKLLAKLDISENRLPQDGRFQFKTTFSDILDFRLSTLPTHWGEKIVLRAQQNKPVELSFAELG   240
NTDB id 37311 BMB171 RS21165 WP 001013170.1   MTRQCIEKEFGEKLVSHFKFLASMDIGEKRKPQNGSLYLQIDG.QEVYLRLSTLPTVYQESLVIRLHLQASVQ.PLSHLS   120
NTDB id 96 BSU 24730 NP 390353.1              LKKRDMKKEECVRLISHFKFLSAMDIGERRKPQNGSLTLKLKE.GNVHLRMSTLPTINEESLVIRVMPQYNIP.SIDKLS   120
consensus                                     * *  * !*** ***!**!*!* *!!*!*!*!!*!** ***     * *!*!!!!!** !**!*!*  *  *  **  !*

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NTDB id 1366 NTHI RS01950 WP 011271972.1      MTENQQQAFQRSLSQPQGLILVTGPTGSGKSISLYTALQWLNT.PDKHIMTAEDPIEIELDGIIQSQINPQIGLDFSRLL   319
NTDB id 37311 BMB171 RS21165 WP 001013170.1   LFPSTAAKLLSFLRYSQGLLVFTGPTGSGKTTTMYALLEVIRKKKTRRIITLEDPVEKRSDDVLQIQINEKAGLTYETGL   200
NTDB id 96 BSU 24730 NP 390353.1              LFPKTGATLLSFLKHSHGMLIFTGPTGSGKTTTLYSLVQYAKKHFNRNIVTLEDPVETRDEDVLQVQVNEKAGVTYSAGL   200
consensus                                     *** *** ****!* **!****!!!!!!!!****!********   * !*!*!!!*! * ****!*!*!***!**** *!

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NTDB id 1366 NTHI RS01950 WP 011271972.1      RAFLRQDPDIIMLGEIRDEESARIALRAAQTGHLVLSTLHTNDAISAISRLQQLGIQQHEIENSLLLVIAQRLVRKICPK   399
NTDB id 37311 BMB171 RS21165 WP 001013170.1   KAILRHDPDIILVGEIRDEETAKIAIRASLTGHLVMTTLHTNDAKGAIIRFMDYGITRQEIEQSLLAVAAQRLVELKCPF   280
NTDB id 96 BSU 24730 NP 390353.1              KAILRHDPDMIILGEIRDAETAEIAVRAAMTGHLVLTSLHTRDAKGAIYRLLEFGINMNEIEQTVIAIAAQRLVDLACPF   280
consensus                                     *!*!!*!!!!*!**!!!!!*!*!*!!*!!**!!!!!***!!!*!!**!! !*****!* *!!!*******!!!!!** !!*

logo
NTDB id 1366 NTHI RS01950 WP 011271972.1      CGGNLINSCDCHQGY.RGRIGVYQFLHWQQ........NGYQ..TDFENLRESGLEKVSQGITDEKEIERVLGKNS.   464
NTDB id 37311 BMB171 RS21165 WP 001013170.1   CRGKCST..LCKSMRQVRQASIYELLYGYELKQALKEAGGECVTYKHETLESSIRKGYALGFLEEDVYV........   347
NTDB id 96 BSU 24730 NP 390353.1              CENGCSSV.YCRQSRNTRRASVYELLYGKNLQQCIQEAKGNHANYQYQTLRQIIRKGIALGYLTTNNYDRWVYHEKD   356
consensus                                     ! * ***   !** ** *****!**!** ** * * ** !    * ***!* ********!****  *** *
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X non conserved

X similar

X ≥ 50% conserved