logo

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NTDB id 1366 NTHI RS01950 WP 011271972.1     MTSYALLHTQRVTAQNGEIFTISPDLWERNQQQQSLLLRYFALPLKEENNRLWLGVDSLSNLSACETIAFITGKPVEPIL    80
NTDB id 1384 A4U84 RS08525 WP 010787006.1    MSQYTI.....CEQQTERIFDISPSRWQKNCEEKQLLLRYLAVPVQETEHKLWLAVDDENNLTACEIFAFMTHKQIEPVV    75
NTDB id 156708 AOT13 RS16685 WP 003249181.1  ..........................................................................................     0
NTDB id 96 BSU 24730 NP 390353.1             ..........................................................................................     0
consensus                                    ** * *        *   ** ***  * **     ***** **** *   *******   ******  **** * *****
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NTDB id 1366 NTHI RS01950 WP 011271972.1     LESSQLKELLQQLTPHQMQVEEQVKFYQHQETHFEQEDDEPVIRLLNQIFESALQKNASDIHLETLADQFQVRFRIDGVL   160
NTDB id 1384 A4U84 RS08525 WP 010787006.1    IASDELKYLLNALSPEQQPIYEESELAFVEQEQEQLNLNDPIIQLLDNLFKFCLAQNASDIHIEPRKQKLIIRLRIDGVL   155
NTDB id 156708 AOT13 RS16685 WP 003249181.1  ..................................MNEIEYLADRLIKEASVLRVSDIHIVPRKDDAAVRFRLDGLL    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 1384 A4U84 RS08525 WP 010787006.1    HLYKSLSIQLASRLISRIKLLAKLDISELRQPQDGQFSFTTALADTLDFRVSSLPTIYGEKLVLRLQKNKPTSFDFLQLG   235
NTDB id 156708 AOT13 RS16685 WP 003249181.1  MEKEVLTKEICDRLITHFKFLAGMDIGERRRPQSGAMETKQQ.GEIIHLRLSTLPTSYDESLVIRLLPQN.LFLPLSQLS   120
NTDB id 96 BSU 24730 NP 390353.1             LKKRDMKKEECVRLISHFKFLSAMDIGERRKPQNGSLTLKLK.EGNVHLRMSTLPTINEESLVIRVMPQY.NIPSIDKLS   120
consensus                                    * *********  !*!***!  !***!!  !*!*!!*!  *****  *****  !*!*!!!***!  *!*!*******  ***  *!
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logo

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NTDB id 1366 NTHI RS01950 WP 011271972.1     MTENQQQAFQRSLSQPQGLILVTGPTGSGKSISLYTALQWLN.TPDKHIMTAEDPIEIELDGIIQSQINPQIGLDFSRLL   319
NTDB id 1384 A4U84 RS08525 WP 010787006.1    FNPQQQTTLLNALKQPQGLILVTGPTGSGKSITLYSALNYLN.QMDKHILTAEDPVEIEIDGLIQTQVNRSIQLDFSQLL   314
NTDB id 156708 AOT13 RS16685 WP 003249181.1  LFANAAKTLLSLFQQPQGLIIFTGPTGSGKTTLYTLLRVCQSKWNRNVITLEDPVEKRIDNILQVQINEKAGITYANGL   200
NTDB id 96 BSU 24730 NP 390353.1             LFPKTGATLLSFLKHSHGMLIFTGPTGSGKTTLYSLVQYAKKHFNRNIVTLEDPVETRDEDVLQVQVNEKAGVTYSAGL   200
consensus                                    ******  ****  *****!***  !!!!!!!!!* *!!* *****   * ****!  !!!*!* *****!*!*!** **  *** !
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logo

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NTDB id 1366 NTHI RS01950 WP 011271972.1     RAFLRQDPDIIMLGEIRDEESARIALRAAQTGHLVLSTLHTNDAISAISRLQQLGIQQHEIENSLLLVIAQRLVRKICPK   399
NTDB id 1384 A4U84 RS08525 WP 010787006.1    RTFLRQDPDIIMLGEIRDEESAKMALRASQTGHLVLSTLHTNDALSAVERLLQLGIQEYEIQNSLLLVIAQRLVRKLCKK   394
NTDB id 156708 AOT13 RS16685 WP 003249181.1  KAALRHDPNIIMIGEIRDAETAKIAVRSSMTGHLIASTMHTKNAVGAIYRLREFGIPLHDIEQTLLAVTAQRLVDLVCPF   280
NTDB id 96 BSU 24730 NP 390353.1             KAILRHDPDMIILGEIRDAETAEIAVRAAMTGHLVLTSLHTRDAKGAIYRLLEFGINMNEIEQTVIAIAAQRLVDLACPF   280
consensus                                    ***!!*!!**!**!!!!!  !*!**!*!*  !!!!*****!!**!* !**!!*  !!****!***** **!!!!!   *!*
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logo

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NTDB id 1366 NTHI RS01950 WP 011271972.1     CGGNLINSCDCHQGYR.GRIGVYQFLHWQQNGY.........QTDFENLRESGLEKVSQGITDEKEIERVLGKNS.   464
NTDB id 1384 A4U84 RS08525 WP 010787006.1    CRGVG..CDECYQGYR.GRIGVYQCLSRTAKKFDKQT.....AYLDFSSLRESAKQKIEQQLTNETEVDRVLGYE..   461
NTDB id 156708 AOT13 RS16685 WP 003249181.1  CGEHCS..PFCRKHRHIRRAAVHELLYGDALSDAIQSVQNGRKTYRYYTLQNVIRKGVALGFLPPRLLCAKEGENE.   354
NTDB id 96 BSU 24730 NP 390353.1             CENGCS.SVYCRQSRNTRRASVYELLYGKNLQQCIQEAKGNHANYQYQTLRQIIRKGIALGYLTTNNYDRWVYHEKD   356
consensus                                    !** ** *  !*** *  ! *!* *!** ** * ***     *****  *!******  ** *   *********
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X non conserved
X similar
X $\geq$ 50% conserved