

logo

NTDB id 1366 NTHI RS01950 WP 011271972.1  
NTDB id 239565 CGZ63 RS21905 WP 089607630.1  
NTDB id 96 BSU 24730 NP 390353.1  
consensus

MTSYALLHTQRVTAQNGEIFTISPDLWERNQQQQSLLRYPALPLKEENNRLWLGVDLSNLSACETIAFITGKPVPEPIL  
MTSYALLHTQRVTAQNGEIFTISPDLWERNQQQQSLLRYPALPLKEENNRLWLGVDLSNLSACETIAFITGKPVPEPIL  
.....  
.....

80  
0  
0

logo

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NTDB id 96 BSU 24730 NP 390353.1  
consensus

LESSQLKELLQQLTPHQMQVEEQVKFYQHQETHFEQEDD  
LESSQLKELLQQLTPHQMQVEEQVKFYQHQETHFEQEDD  
.....  
.....  
MNSIERVSNQLEEA YRVO ASDI HIVPRRORVQVROFRIDKYL  
EPGVTIFAKALFKSICLKKI LILLETADQAAIHLVGGAL  
EPVIRLLNQIFESALQKNASDIHLETADQFQVRFRIDGVL  
MNGIEIFANAIIKEACRVQASDLHIVPRQKDVAVQLRIGKDL  
MDSIEKVSKNLIEEAYLTKASDIHIVPRERDAIIFRVDHAL

160  
42  
42

logo

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consensus

QTRRLI SKEE GYRLI SHEKELASMDIGERRKPNQNGSLYLKTTG QNVY RLSTLPT YYQ ESLVIR VCCQYSVQ SLSKLS  
MPQQDME TEAEKTVRLI SALI SKLIL DRFQFQDESDELDFM HNE KTL LAHLNANI EL PFAELG  
LKKPCME TEAEKTVRLI SALI SKLIL DRFQFQDESDELDFM HNE KTL LAHLNANI EL PFAELG  
.....  
.....  
QPQPLISKIFANRIISRLKLLAKLDISENRLPQDGRFQKTTFSDI LDFRLSTLPTHWGEKIVLRAQQNKPVELSFAELG  
MTRQCIEKEFGKLVSHFKFLASMDIGERRKPNQNGSLYLQIDG.QEVYLRSLSTLPTVYQESLVIRLHLQASVQ.PLSHLS  
LKKRD MKKEECVRLISHFKFLSAMDIGERRKPNQNGSLTLKLE.GNVHLRMSTLPTINEESLVIRVMPQYNIP.SIDKLS

240  
120  
120

logo

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LFPSTQATLLSFLSY SQGLLYFTGPTGSGKTTTLY TLLQYLRKPTTRV TLEDPEERDDVLQVQINEKAGLTYSGL  
MTEKQAQAFQRS KPHPMITV SISM SA AAVEVAKTHFDKHM ALI TEDEGIT SVV PQI VDFEAL  
LFPSTQATLLSFLSY SQGLLYFTGPTGSGKTTTLY TLLQYLRKPTTRV TLEDPEERDDVLQVQINEKAGLTYSGL  
.....  
.....  
MTENQQQAFQRSLSQPQGLLIVTGP TGSGKSI SLYTALQWLNT.PDKHIMTAEDPIEIELDGI IQSQINPQIGLDFSRLL  
LFPSTAAKLLSFLRYSSQGLLYFTGPTGSGKTTTMYALLEVIRKKTTRRIITLEDPEEKRSDDVLQVQINEKAGLTYSGL  
LFPKTGATLLSFLKHSHGMLIFTGPTGSGKTTTLYSLVQYAKKHFNRMIVTLEDPEVETREDVLQVQVNEKAGVTYSAGL

319  
200  
200

logo

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KAILRHDPDMLLGEIRDEETARAYRAASGHLVLTHTNDAKGAIYRLIQYGLTRQNEEQSLLAVAAQRLVRLKCPF  
RIFLQDM TV ASIE TSL MSS RITSI YFLDF NMHD NTVLTIITL BKA K  
KAILRHDPDMLLGEIRDEETARAYRAASGHLVLTHTNDAKGAIYRLIQYGLTRQNEEQSLLAVAAQRLVRLKCPF  
.....  
.....  
RAFLRQDPDIIMLGEIRDEESARIALRAAQTGHLVLTHTNDAKGAIYRLIQYGLTRQNEEQSLLAVAAQRLVRLKCPF  
KAILRHDPDMLLGEIRDEETAKIARASLTGHLVMTLHTNDAKGAIIRFMDYGITRQDIEQSLLAVAAQRLVRLKCPF  
KAILRHDPDMLLGEIRDAETAETAVRAAMTGHVLTSLHTRDAKGAIYRLLFEGINMNEIEQTVIATAAQRLVLDLACPF

399  
280  
280

logo

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CGNCSYVYRQRASVYELLYGYNLQCLQEAQYQYETRSIRKGYALGYLENVYVDPVYKNS  
ENGLINSCDHSYNYRQYIGIQFHWKEKATKIGECANTDFQN EETGLEKYSQFDTIDEIVLGHKED  
CGGNLINSCHQGY.RGRIGVYQFLHWQQ.....NGYQ..TDFENLRESGLEKVSQGITDEKEIERVLGKNS.  
CRGKCSI..LCKSMRQVRQASVYELLYGYELKQALKEAGGECVYKHELTLESSIRKGYALGFLEEDVYV.....  
CENGCSVYCRQSRNTRRASVYELLYGKNLQCCIQAEGKNHANYQYQTLRQIIRKGIALGYLTTNNYDRWVYHEKD

464  
347  
356

X non conserved  
X similar  
X ≥ 50% conserved