

logo

NTDB id 1401 DSB67 RS12665 WP 010643259.1
NTDB id 79813 L6495 RS21255 WP 001013193.1
NTDB id 96 BSU 24730 NP 390353.1
consensus

MLTNLSTVLRQAGILTFSQEESLLEQVKASGISMPEALLSSGFFQSHELTEHLSSVFGLSCTSLNQYEYASLCQTLGLRDLITRH
MLTNLSTVLRQAGILTFSQEESLLEQVKASGISMPEALLSSGFFQSHELTEHLSSVFGLSCTSLNQYEYASLCQTLGLRDLITRH
.....
.....

85
0
0

logo

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NTDB id 79813 L6495 RS21255 WP 001013193.1
NTDB id 96 BSU 24730 NP 390353.1
consensus

NALPLNRTSSTLILAVADPTNLQAEDDFRFATGLQVELVLADFRELTAAIRRLYGRSLGQEKSGLKEINQDELAGLVDIGEDEIE
NALPLNRTSSTLILAVADPTNLQAEDDFRFATGLQVELVLADFRELTAAIRRLYGRSLGQEKSGLKEINQDELAGLVDIGEDEIE
.....
.....

170
0
0

logo

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consensus

NIEDLSQDESPVSRVINQILLDAVRKGASDIHFEPYENMYRVRLRCDGILTEIQPPSHLSRRLSARIKILSKLDIAERRLPQDG
.....MNGIESFANMILKEACRVQASDLHIVPRQKDVVQLRTGKDLMTKQCTIEKEFGEKLVSHFKFLASMDIGERRKPQNG
.....MDSIEKVSKNLIEEAYLTKASDIHIVPRERDAIHFVRVDHALLKKRDMKKEECVRLISHFKFLSAMDIGERRKPQNG
* **** *! * !!!!!!***** ** *! ** !* ** * ** *!*****! * !*****!*****!

255
77
77

logo

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consensus

SLYLKLNQGVYLRSTLPTESLVRLLQYSISPSLSLFPSTKOTLSFLRSHGMLYFTGPTGSGKTTLLSY
RTKQVDEDAHMLMNGKTLLVHDSANAALDLHGYSDKQAARYDAKHPQLITMVSMSAGVEY
RIKLKLNQDTAIDMRVSTLPTLTFGEKIVLRLLDSSSAALDINKLGYSDSQKQLYLDALRRPQGMILMTGPTGSGKTVSLYTGLST
SLYLQMDGQ.EVYLRSLTLPSTVYQESLVIRLHLQASI.QPLSHLSLFPSTAKKLLSFLRYSHGLLVFTGPTGSGKTTTMYALLEV
SLTLKLKEG.NVHLRMSLTPPTINEESLVIRVMPQYNI.PSIDKLSLFPKTGATLLSFLKSHSGMLIFTGPTGSGKTTTLYSLVQY
** !** * *!***** *!*****!*****!*****!*****!*****!*****!*****!*****!*****!

340
160
160

logo

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consensus

LRKKPTNRNVLTEDPVEKRNPDVLQVQVNEKAGYTYSAGLKAILRHPDVLVGEIRDLETAELAIRASQTGHLVLTTLHTNDAR
AKHFEIRSIATYDDGINIYIQPIIFGFAEARSFQQMVTLEADAKVKALMSSRSIA
LNK.PEINISTAEDPVEIYLPGINQVQVQPKIGFGFAEALRSFLRQDPDVVMVGEIRDLDTAETAIKASQTGHLVLTSTLHTNSAA
IRKKKTRRIVTLEDPEKRNDDVLQIQINEKAGITYEAGLKAILRHPDVLVGEIRDEETAKIAIRASLTGHLVMTTLHTNDAR
AKKHFNRNIVTLEDPVETRDEDLVQVQVNEKAGVTYSAGLKAILRHPDPMITLGEIRDAETAETIAVRAAMTGHVLTSLHTNRDAK
*! *!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!

424
245
245

logo

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consensus

GAIYRLSNFGITSOEIEQSLAIAAQRLLVLLCPFCRRPCTSVYRSRQVRAVWYELLYGNLQCLQEQASRTVTYQYO
ETVTFLDMEVNFNLAFTVLTITADKAYENGQEPNLQKSHNTGINTTQTFQAEPDGCNEATHGYKECATIEHE
ETVIRLSNMGVESFNLASSLSLIIAQRLARKLCPYCRQPQEPNSQLQH..IGIA.NTEQIFQANPDGCNECTHGYSGRTGIYEV
GAILRFMDFGITRQIEEQSLAIAAQRLLVLLCPFCRRPCTSVYRSRQVRAVWYELLYGNLQCLQEQASRTVTYQYO
GAIYRLLEFGINMNEIEQTVIAIAAQRLLVLLCPFCENGCSVYCRQSRNTRRASVYELLYGNLQCLQEQAKGNHANYQYQ
*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!

506
326
327

logo

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consensus



⬜ non conserved
⬜ similar
⬜ ≥ 50% conserved