

logo

NTDB id 1401 DSB67 RS12665 WP 010643259.1
NTDB id 80556 L6490 RS23150 WP 001013193.1
NTDB id 96 BSU 24730 NP 390353.1
consensus

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

85
0
0

logo

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NTDB id 80556 L6490 RS23150 WP 001013193.1
NTDB id 96 BSU 24730 NP 390353.1
consensus

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

170
0
0

logo

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consensus

NIEDLSQDESPVSRVINQILLDAVRKQASDIHFEPYENMYRVRLRCDGILTEIQPPSHLSRRLSARIKILSKLDIAERRLPQDG
.....MNGIESFANMILKEACRVQASDLHIVPRQKDVVQLRTGKDLMTKQCTIEKEFGEKLVSHFKFLASMDIGERRKPQNG
.....MDSIEKVSKNLIEEAYLTKASDIHIVPRERDAIHFVRVDHALLKKRDMKKEECVRLISHFKFLSAMDIGERRKPQNG
* **** *! * !!!!!!***** ** *! ** !* ** * ** *!*****! * !*****!*****!

255
77
77

logo

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consensus

SLYLKLNQGVNVLVSTLPTESLVIRLMPQYSISPKSLFEPSTKOTLSFLRYSHGMLYFTGPTGSGKTTLYTLLSY
RTKQVDEDAHMLMNGTFEKTLVHDSANAALDLHGYSDKQAARYDAKHPQLITIMVSMAGVEY
RIKILKLNQDTAIDMRVSTLPTLTFGEKIVLRLLDSSSAALDINKLGYSDSQKQLYLDALRRPQGMILMTGPTGSGKTVSLYTGLST
SLYLQMDGQ.EVYLRSLTLPSTVYQESLVIRLHLQASI.QPLSHLSLFPSTAKKLLSFLRYSHGLLVFTGPTGSGKTTTMYALLEV
SLTLKLKEG.NVHLRMSLTLPPTINEESLVIRVMPQYNI.PSIDKLSLFPKTGATLLSFLKSHSGMLIFTGPTGSGKTTTLYSLVQY
** !** * *!***** *!*****!*****!*****!*****!*****!*****!*****!*****!*****!

340
160
160

logo

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consensus

LRKKPTNRNVLTEDPVEKRNPDVLQVQVNEKAGYTYSAGLKAILRHPDPVIMVGEIRDLETAEIAIRASQTGHLVLTTLHTNDAR
AKHFEIRSIATYDDGINIYIQPIIFGFAEARSFQQMVTLEADAKVKIALMSSRSIA
LNK.PEINISTAEDPVEIYLPGINQVQVQPKIGFGFAEALRSFLRQDPDVIMVGEIRDLETAEIAIKASQTGHLVLTTLHTNSAA
IRKKKTRRIVTLEDPVEKRNDDVLQIQINEKAGITYEAGLKAILRHPDPVILVGEIRDEETAIAIRASLTGHLVMTTLHTNDAR
AKKHFNRNIVTLEDPVETRDEDLVQVQVNEKAGVTYSAGLKAILRHPDPMITLGEIRDAETAETIAVRAAMTGHVLVLTSLHTRDAK
*! **** * *****!*****!***** *****!*****!*****!*****!*****!*****!*****!*****!

424
245
245

logo

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GAIYRLSNFGITSOEIEQSLAIAAQRLLVLLCPFCRRPCTSVYRSLQVQVRAVWYELLYGNLQCIQEQSRTVTYQYO
ETVTLFDMVEMFNLASTVTLITADKAAYENGQEPNLQKSHNTGINTTQTFQAEPDGCNEATHGYKECATIEHE
ETVIRLSNMGVESFNLASSLSLIIAQRLARKLCPYCRQPQEPNSQLQH..IGIA.NTEQIFQANPDGCNECTHGYSGRTGIYEV
GAILRFMDFGITRQIEIEQSLAIAAQRLLVLLCPFCRRKCSLCKSMRQVRQASIVYELLYGYELKQ...AIKEANGECVTKHE
GAIYRLLEFGINMNEIEQTVIAIAAQRLLVDLACPFCENGCSSVYCRQSRNTRRASVYELLYGKNNLQ...CIQEAQGNHANYQY
*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!

506
326
327

logo

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consensus



ⓧ non conserved
ⓧ similar
ⓧ ≥ 50% conserved