

logo

NTDB id 1401 DSB67 RS12665 WP 010643259.1
NTDB id 1040271 CWH RS21360 WP 001013201.1
NTDB id 96 BSU 24730 NP 390353.1
consensus

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

85
0
0

logo

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NTDB id 1040271 CWH RS21360 WP 001013201.1
NTDB id 96 BSU 24730 NP 390353.1
consensus

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

170
0
0

logo

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consensus

NIEDLSQDESPVSRVINQILLDAVRKSGASDIHFEPYENMYRVRLRCDGILTEIQPPSHLSRRLSARIKILSKLDIAERRLPQDG
.....MNGIESFANMILKEACRVQASDLHIVPRQKDVVQLRTGKDLMTKYCTIEKEFGEKLVSHFKFLASMDIGERRKPQNG
.....MDSIEKVSKNLIEEAYLTKASDIHIVPRERDAIHFVRVDHALLKKRDMKKEECVRLISHFKFLSAMDIGERRKPQNG
* **** *! * !!!!!!***** ** *! ** !* * * ** *!*****! * *!*****!*

255
77
77

logo

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consensus

SLYLKLNGQNVYLWVYVQESLVRLLQYSISPSLHSLFPSTKQTLSEFLRSHGMLYFTGPTGSGKTTLLSY
RTKQVDEDAHMLTFLNGKTLLVHDSANAALDLHGYSDKQAARYDAKHPQLITMVSMSAGVEY
RIKLKLNQDTAIDMRVSTLPTLTFGEKIVLRLIDSSSAALDINKLGYSDSQKQLYLDALRRPQGMILMTGPTGSGKTVSLYTGLST
SLYLQMDGQ.EVYLRSLTLPSTVYQESLVRLLHQLASI.QPLSHLSLFPSTAKKLLSFLRYSHGLLVFTGPTGSGKTTTMYALLEV
SLTLKLKEG.NVHLRMSLTPITNEESLVRVMPQYNI.PSIDKLSLFPKTCATLLSFLKSHSGMLIFTGPTGSGKTTTLYSLVQY
** !** * *!***** *!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!

340
160
160

logo

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consensus

LRKKPTNRNVLTEDPVEKRNPDVLRQVNEKAGYTYSAGLKAILRHDPDVIWVGEIRDLETAELAIRASQTGHLVLTTLHTNDAR
AKHFEIRSIATIIDGINTIIPITFGFAEARSFQQVMTLADAKVKVIALMSSRSIA
LNK.PEINISTAEDPVEIYLPGINQVQVQPKIGFGFAEALRSFLRQDPDVVMVGEIRDLDTAETAIKASQTGHLVLTSLHTNSAA
IRKKKTRRIVTLEDPEKRNDDVLQIQINEKAGITYEAGLKAILRHDPDVLVGEIRDEETAIAIRASLTGHLVMTTLHTNDAR
AKKHFNRNIVTLEDPVETRDEDLVQVQVNEKAGVTYSAGLKAILRHDPDMIILGEIRDAETAETIAVRAAMTGHVLVLTSLHTNRDAK
*! *!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!

424
245
245

logo

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consensus

GAIYRLSNMFGITSOEIEQSLAIAAQRLLVLLCPFCRRPCTSVYRSLVQVRAVWVYELLYGNLQCLQESRTVTYQY
ETVTFLEMVEMFNLASTVTLITADKAIEKYEENGQEPNLQKSHNTGINTTQTFQAEPDGCNEATHGYKECATIEHE
ETVIRLSNMGVESFNIASSLSLIIAQRLARKLCPYCRQPQEPNSQLQH..IGIA.NTEQIFQANPDGCNECTHGYSGRTGIYEV
GAILRFMGFGITRQIEEQSLAIAAQRLLVLLCPFCRRKCSLCKSMRQVRQASIVYELLYGYELKQ...AIKEANGECVTKHE
GAIYRLLEFGINMNEIEQTVIAIAAQRLLVDLACPFCENGCSSVYCRQSRNTRRASVYELLYGKNLQ...CIQEAQGNHANYQY
*****! *! *****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!

506
326
327

logo

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consensus



⬜ non conserved
⬜ similar
⬜ ≥ 50% conserved