

logo

NTDB id 1401 DSB67 RS12665 WP 010643259.1
NTDB id 111556 A16R RS22645 WP 001013201.1
NTDB id 96 BSU 24730 NP 390353.1
consensus

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

85
0
0

logo

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NTDB id 111556 A16R RS22645 WP 001013201.1
NTDB id 96 BSU 24730 NP 390353.1
consensus

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

170
0
0

logo

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consensus

NIEDLSQDESPVSRYINQILLDAVRKGASDIHFEPYENMYRVRLRCDGILTEIQPPSHLSRRLSARIKILSKLDIAERRLPQDG
.....MNGIESFANMILKEACRVQASDLHIVPRQKDVVQLRTGKDLMTKYCTIEKEFGEKLVSHFKFLASMDIGERRKPQNG
.....MDSIEKVSKNLIEEAYLTKASDIHIVPRERDAIHFVRVDHALLKKRDMKKEECVRLISHFKFLSAMDIGERRKPQNG
* **** *! * !!!!!!***** ** *! ** !* * * ** *!*****! * *!*****!*

255
77
77

logo

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consensus

SLYLKLNQGVYLRVSTLPTESLVRLLQYSISPSLSLFPSTKOTLSFLRSHGMLYFTGPTGSGKTTLLSY
RTKQVDEDAIDMLMNGTFEKTLVHDSANAALDLHGYSDKQAARYDAKHPQLITIMVSMAGVEY
RIKLKLNQDTAIDMRVSTLPTLTFGEKIVLRLLDSSSAALDINKLGYSDSQKQLYLDALRRPQGMILMTGPTGSGKTVSLYTGLST
SLYLQMDGQ.EVYLRSLTLPSTVYQESLVRHLQASI.QPLSHLSLFPSTAKKLLSFLRYSHGLLVFTGPTGSGKTTTMYALLEV
SLTLKLKEG.NVHLRMSLTPITNEESLVRVMPQYNI.PSIDKLSLFPKTGATLLSFLKSHSGMLIFTGPTGSGKTTTLYSLVQY
** !** * *!***** *!*****!*****!*****!*****!*****!*****!*****!*****!*****!

340
160
160

logo

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consensus

LRKKPTNRNVLTEDPVEKRNPDVLRQVNEKAGYTYSAGLKAILRHPDPVIMVGEIRDLETAELAIRASQTGHLVLTHTNDAR
AKHFEIRSIATIDYDGINIITQPIIFGFAEARSFQQIMVTLADAKVKIALMSSRSIA
LNK.PEINISTAEDPVEIYLPGINQVQVQPKIGFGFAEALRSFLRQDPDVIMVGEIRDLETAELAIRASQTGHLVLTHTNLSAA
IRKKKTRRIVLTEDPVEKRNDDVLQIQINEKAGITYEAGLKAILRHPDPVILVGEIRDEETAIAIRASLTGHLVMTTLHTNDAR
AKKHFNRNIVLTEDPVETRDEDLVQVQVNEKAGVTYSAGLKAILRHPDPMITLGEIRDAETAELAVRAAMTGHVLVLTSLHTRDAK
*! *!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!

424
245
245

logo

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consensus

GAIYRLSNMFGITSOEIEQSLAIAAQRLLVLLCPFCRRPCTSVYCRSRVRAVYELLYGNLQCIQEAASRTVTYQY
ETVTFLEMVEMFNLASTVTLITADKAIEKYEENGQEPNLQKSHNTGINTTQTFQAEPDGCNEATHGYKECATIEHE
ETVIRLSNMGVESFNIASSLSLIIAQRLARKLCPYCRQPQEPNSQLQH..IGIA.NTEQIFQANPDGCNECTHGYSGRTGIYEV
GAILRFMGFGITRQIEIEQSLAIAAQRLLVLLCPFCRRKCS.LCKSMRQVRQASIVYELLYGYELKQ...AIKEANGECVTYKHE
GAIYRLLEFGINMNEIEQTVIAIAAQRLLVDLACPFCEGNCSSVYCRQSRNTRRASVYELLYGKNLQQ...CIQEAAGNHANYQY
*****! *! *****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!

506
326
327

logo



 non conserved
 similar
 ≥ 50% conserved