

logo

NTDB id 1401 DSB67 RS12665 WP 010643259.1
NTDB id 128648 BF37 RS15395 WP 001013201.1
NTDB id 96 BSU 24730 NP 390353.1
consensus

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

85
0
0

logo

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NTDB id 96 BSU 24730 NP 390353.1
consensus

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

170
0
0

logo

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NTDB id 96 BSU 24730 NP 390353.1
consensus

NIEDLSQDESPVSRVINQILLDAVRKGASDIHFEPYENMYRVRLRCDGILTEIQPPSHLSRRLSARIKILSKLDIAERRLPQDG
.....MNGIESFANMILKEACRVQASDLHIVPRQKDVVQLRTGKDLMTKYCTIEKEFGEKLVSHFKFLASMDIGERRKPQNG
.....MDSIEKVSKNLIEEAYLTKASDIHIVPRERDAIHFVRVDHALLKKRDMKKEECVRLISHFKFLSAMDIGERRKPQNG
* **** *! * !!!!!!***** ** *! ** !* * * ** *!*****! * *!*****!*

255
77
77

logo

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SLYLKLNQGVYLRSTLPTESLVIRLMPYQSISPSLHSLFPSTKOTLSFLRSHGMLYFTGPTGSGKTTLLSY
RTKQVDEDAHMLTNGKTLLVHDSANAALDLHGYSDKQAARYDAKHPQLITIMVSMAGVEY
RIKLKLNQDTAIDMRVSTLPTLTFGEKIVLRLLDSSSAALDINKLGYSDSQKQLYLDALRRPQGMILMTGPTGSGKTVSLYTGLST
SLYLQMDGQ.EVYLRSLTLPSTVYQESLVIRLHLQASI.QPLSHLSLFPSTAKKLLSFLRYSHGLLVFTGPTGSGKTTTMYALLEV
SLTLKLKEG.NVHLRMSLTPPTINEESLVIRVMPQYNI.PSIDKLSLFPKTGATLLSFLKSHSGMLIFTGPTGSGKTTTLYSLVQY
** !** * *!***** *!*****!*****!*****!*****!*****!*****!*****!*****!*****!

340
160
160

logo

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consensus

LRKKPTNRNVLTEDPVEKRNPDVLQVQVNEKAGYTYSAGLKAILRHPDVLVGEIRDLETAELAIRASQTGHLVLTTLHTNDAR
AKHFEIRSAIYDDGINIYIQPIIFGFAEARSFQQVMTLADAKVKALMSSRSIA
LNK.PEINISTAEDPVEIYLPGINQVQVQPKIGFGFAEALRSFLRQDPDVVMVGEIRDLETAETAKIASQTGHLVLTTLHTNSAA
IRKKKTRRIVLTEDPVEKRNDDVLQIQINEKAGITYEAGLKAILRHPDVLVGEIRDEETAKIAIRASLTGHLVMTTLHTNDAR
AKKHFNRNIVLTEDPVETRDEDLVQVQVNEKAGVTYSAGLKAILRHPDPMITLGEIRDAETAETIAVRAAMTGHVLTSLHTRDAK
*! *!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!

424
245
245

logo

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GAIYRLSNMFGITSOEIEQSLAIAAQRLLVLLCPFCRRPCTSVYRSLVQVRAVWYELLYGNLQCIQEQASRTVTYQYO
ETVTFLEMVEMFNLASTVTLITADKAIEKYEENGQEPNLQKSHNTGINTTQTFQAEPDGCNEATHGYKECATIEHE
ETVIRLSNMGVESFNIASSLSLIIAQRLARKLCPYCRQPQEPNSQLQH..IGIA.NTEQIFQANPDGCNECTHGYSGRTGIYEV
GAILRFMGFGITRQIEEQSLAIAAQRLLVLLCPFCRRKCSLCKSMRQVRQASIVYELLYGYELKQ...AIKEANGECVTYKHE
GAIYRLLEFGINMNEIEQTVIAIAAQRLLVDLACPFCENGCSSVYCRQSRNTRRASVYELLYGKNNLQ...CIQEAQGNHANYQY
*****! *! *****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!

506
326
327

logo

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consensus



ⓧ non conserved
ⓧ similar
ⓧ ≥ 50% conserved