

logo

NTDB id 1401 DSB67 RS12665 WP 010643259.1
NTDB id 128347 AW22 RS02995 WP 001013200.1
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

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

255
77
77

logo

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SLYLKLNQGVYLRVSTLPTESLVRLLQYSISPSLHSLFPSTKOTLSFLRSHGMLYFTGPTGSGKTTLLSY
RTKQVDEDAHMLMNGKTLLVHDSANAALDLHGYSDKQAARYDAKHPQLITLMVSMAGVEY
RIKLKLNQDTAIDMRVSTLPTLTFGEKIVLRLLDSSSAALDINKLGYSDSQKQLYLDALRRPQGMILMTGPTGSGKTVSLYTGLST
SLYLQMDGQ.EVYLRRLSTLPTVYQESLVRLLHQLASI.QPLSHLSLFPSTAKKLLSFLRYSHGLLVFTGPTGSGKTTTMYALLEV
SLTLKLKEG.NVHLRMLSTLPTINEESLVRVMPQYNI.PSIDKLSLFPKTGATLLSFLKSHSGMLIFTGPTGSGKTTTLYSLVQY
** !** * *!***** *!*** *!*****!*****!*****!*****!*****!*****!*****!*****!

340
160
160

logo

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consensus

LRKKPTNRNVLTEDPVEKRNPDVLQVQVNEKAGYTYSAGLKAILRHPDVLVGEIRDLETAELAIRASQTGHLVLTTLHTNDAR
AKHFEIRSIATYDDGINIYIQPIIFGFAEARSFQQVMTLADAKVKALMSSRSIA
LNK.PEINISTAEDPVEIYLPGINQVQVQPKIGFGFAEALRSFLRQDPDVVMVGEIRDLETAETAKIASQTGHLVLTTLHTNSAA
IRKKKTRRIVTLEDPVEKRNDDVLQIQINEKAGITYEAGLKAILRHPDVLVGEIRDEETAKIAIRASLTGHLVMTTLHTNDAR
AKKHFNRNIVTLEDPVETRDEDLVQVQVNEKAGVTYSAGLKAILRHPDPMITLGEIRDAETAETAVRAAMTGHVLTSLHTRDAK
*! *!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!

424
245
245

logo

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GAIYRLSNMFGITSOEIEQSLAIAAQRLLVLLCPFCRRPCTSVYRSLVQVRAVWYELLYGNLQCIQEQSRTVTYQOY
ETVTLFDMVEMFNLASTVTLITADKAAYENGQEPNLQKSHNTGINTTQTFQAEPDGCNEATHGYKECATIEHE
ETVIRLSNMGVESFNLASSLSLIIAQRLARKLCPYCRQPQEPNSQLQH..IGIA.NTEQIFQANPDGCNECTHGYSGRTGIYEV
GAILRFMDFGITRQIEEQSLAIAAQRLLVLLCPFCRRPCTSVYRSLVQVRAVWYELLYGNLQCIQEQSRTVTYQOY
GAIYRLLEFGINMNEIEQTVIAIAAQRLLVLLCPFCENGCSVYCRQSRNTRRASVYELLYGNLQCIQEQSRTVTYQOY
*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!

506
326
327

logo

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consensus



non conserved
 similar
 ≥ 50% conserved