

logo

NTDB id 1401 DSB67 RS12665 WP 010643259.1
NTDB id 130046 AW20 RS21080 WP 001013201.1
NTDB id 96 BSU 24730 NP 390353.1
consensus

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

85
0
0

logo

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NTDB id 130046 AW20 RS21080 WP 001013201.1
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

NIEDLSQDESPVSRVINQILLDAVRKQASDIHFEPYENMYRVRRLRCDGILTEIQPPSHLSRRLSARIKILSKLDIAERRLPQDG
.....MNGIESFANMILKEACRVQASDLHIVPRQKDVVQLRTGKDLMTKYCTIEKEFGKLVSHFKFLASMDIGERRKPQNG
.....MDSIEKVSKNLTIEEAYLTKASDIHIVPRERDAITHFRVDHALLKKRDMKKEECVRLISHFKFLSAMDIGERRKPQNG
* **** *! * !!!!!!***** ** *! ** !* * * ** *!*****! * *!*****!*

255
77
77

logo

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consensus

SLYLKLNQGVYLRSTLPTESLVIRLMPYQSIQSLSLFPSTKOTLSFLRSHGMLYFTGPTGSGKTTLLSY
RTKQVDEDAHMLMNGKTLLVHDSANAALDLHGYSDKQAARYDAKHPQLITIMVSMAGVEY
RIKLKLNQDTAIDMRVSTLPTLTFGEKIVLRLLDSSSAALDINKLGYSDSQKQLYLDALRRPQGMILMTGPTGSGKTVSLYTGLST
SLYLQMDGQ.EVYLRSLTLPSTVYQESLVIRLHLQASI.QPLSHLSLFPSTAKKLLSFLRYSHGLLVFTGPTGSGKTTTMYALLEV
SLTLKLKEG.NVHLRMSLTPPTINEESLVIRVMPQYNI.PSIDKLSLFPKTCATLLSFLKSHSGMLIFTGPTGSGKTTTLYSLVQY
** !** * *!***** *!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!

340
160
160

logo

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LRKKPTNRNVLTEDPVEKRNPDVLQVQVNEKAGYTYSAGLKAILRHDPDVIYVGEIRDLETAELAIRASQTGHLVLTTLHTNDAR
AKHFEIRSIATYDDGINIYIQPIIFGFAEARSFQQMVTLEADAKVKIALMSSRSIA
LNK.PEINISTAEDPVEIYLPGINQVQVQPKIGFGFAEALRSFLRQDPDVVMVGEIRDLDTAETAIKASQTGHLVLTSTLHTNSAA
IRKKKTRRIIVTLEDPEKRNDDVLQIQINEKAGITYEAGLKAILRHDPDVLVGEIRDEETAIAIRASLTGHLVMTTLHTNDAR
AKKHFNRNIVTLEDPVETRDEDLVQVQVNEKAGVTYSAGLKAILRHDPDMIILGEIRDAETAETIAVRAAMTGHVLVLTSLHTRDAK
*! *!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!

424
245
245

logo

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consensus

GAIYRLSNFGITSOEIEQSLAIAAQRLLVLLCPFCRRPCTSVYRSLVQVRAVWYELLYGNLQCIQEQSRTVTYQY
ETVTFLEMVEMFNLASTVTLITADKAAYENGQEPNLQKSHNTGINTTQTFQAEPDGCNEATHGYKECATIEHE
ETVIRLSNMGVESFNIASSLSLIIAQRLARKLCPYCRQPPEPNSQLQH..IGIA.NTEQIFQANPDGCNECTHGYSGRTGIYEV
GAILRFMGFGITRQIEEQSLAIAAQRLLVLLCPFCRRPCTSVYRSLVQVRAVWYELLYGNLQCIQEQSRTVTYQY
GAIYRLLFEGINMNEIEQTVIAIAAQRLLVLLCPFCENGCSVYCRQSRNTRRASVYELLYGNLQCIQEQSRTVTYQY
*****! *!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!

506
326
327

logo

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NTDB id 96 BSU 24730 NP 390353.1
consensus



non conserved
similar
≥ 50% conserved