

logo

NTDB id 1401 DSB67 RS12665 WP 010643259.1  
NTDB id 80009 L6497 RS20830 WP 001013200.1  
NTDB id 96 BSU 24730 NP 390353.1  
consensus

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

85  
0  
0

logo

NTDB id 1401 DSB67 RS12665 WP 010643259.1  
NTDB id 80009 L6497 RS20830 WP 001013200.1  
NTDB id 96 BSU 24730 NP 390353.1  
consensus

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

170  
0  
0

logo

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consensus

NIEDLSQDESPVSRYINQILLDAVRKGASDIHFEPYENMYRVRLRCDGILTEIQPPSHLSRRLSARIKILSKLDIAERRLPQDG  
.....MNGIESFANMILKEACRVQASDLHIVPRQKDVVQLRTGKDLMTKYCTIEKEFGEKLVSHFKFLASMDIGERRKPQNG  
.....MDSIEKVSKNLIEEAYLTKASDIHIVPRERDAITHFRVDHALLKKRDMKKEECVRLISHFKFLSAMDIGERRKPQNG  
\* \*\*\*\* \*! \* !!!!!!\*\*\*\*\* \*\* \*! \*\* !\* \* \* \*\* \*!\*\*\*\*\*! \* \*!\*\*\*\*\*!\*

255  
77  
77

logo

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consensus

SLYLKLNQGVYLRSTLPTESLVIRLMPYQSIQSLSLFPSTKOTLSFLRSHGMLYFTGPTGSGKTTLLSY  
RTKQVDEDAHLMVLYNGTFEKTLVHDSANAALDLHGYSDKQAARYDAKHPQLITMVSMSAGVEY  
RIKLKLNQDTAIDMRVSTLPTLTFGEKIVLRLLDSSSAALDINKLGYSDSQKQLYLDALRRPQGMILMTGPTGSGKTVSLYTGLST  
SLYLQMDGQ.EVYLRSLTLPSTVYQESLVIRLHLQASI.QPLSHLSLFPSTAKKLLSFLRYSHGLLVFTGPTGSGKTTTMYALLEV  
SLTLKLKEG.NVHLRMSLTPTINEESLVIRVMPQYNI.PSIDKLSLFPKTGATLLSFLKSHSGMLIFTGPTGSGKTTTLYSLVQY  
\*\* !\*\* \* \*!\*\*\*\*\* \*!\*\*\*\*\*!\*\*\*\*\*!\*\*\*\*\*!\*\*\*\*\*!\*\*\*\*\*!\*\*\*\*\*!\*\*\*\*\*!\*\*\*\*\*!\*\*\*\*\*!

340  
160  
160

logo

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consensus

LRKKPTNRNVLTEDPVEKRNPDVLQVQVNEKAGYTYSAGLKAILRHDPDVIYVGEIRDLETAELAIRASQTGHLVLTTLHTNDAR  
AKHFEIRSIATYDDGINIYIQPIIFGFAEARSFQQVMTLADAKVKIALMSSRSIA  
LNK.PEINISTAEDPVEIYLPGINQVQVQPKIGFGFAEALRSFLRQDPDVVMVGEIRDLDTAETAIKASQTGHLVLTSLHTNSAA  
IRKKKTRRIVTLEDPVEKRNDDVLQIQINEKAGITYEAGLKAILRHDPDVLVGEIRDEETAKIAIRASLTGHLVMTTLHTNDAR  
AKKHFNRNIVTLEDPVETRDEDLVQVQVNEKAGVTYSAGLKAILRHDPDMIILGEIRDAETAETIAVRAAMTGHVLVLTSLHTRDAK  
\*! \*!\*\*\*\*\*!\*\*\*\*\*!\*\*\*\*\*!\*\*\*\*\*!\*\*\*\*\*!\*\*\*\*\*!\*\*\*\*\*!\*\*\*\*\*!\*\*\*\*\*!\*\*\*\*\*!\*\*\*\*\*!\*\*\*\*\*!

424  
245  
245

logo

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GAIYRLSNFGITSOEIEQSLAIAAQRLLVLLCPFCRRPCTSVYRSLVQVRAVWYELLYGNLQCLQESRTVTYQY  
ETVTLFDMVEMFNLASTVTLITADKAAYENGQEPNLQKSHNTGINTTQTFQAEPDGCNEATHGYKECATIEHE  
ETVIRLSNMGVESFNLASSLSLIIAQRLARKLCPYCRQPQEPNSQLQH..IGIA.NTEQIFQANPDGCNECTHGYSGRTGIYEV  
GAILRFMDFGITRQIEEQSLAIAAQRLLVLLCPFCRRPCTSVYRSLVQVRAVWYELLYGNLQCLQESRTVTYQY  
GAIYRLLEFGINMNEIEQTVIAIAAQRLLVLLCPFCENGCSVYCRQSRNTRRASVYELLYGNLQCLQEAQKGNHANYQY  
\*\*\*\*\*!\*\*\*\*\*!\*\*\*\*\*!\*\*\*\*\*!\*\*\*\*\*!\*\*\*\*\*!\*\*\*\*\*!\*\*\*\*\*!\*\*\*\*\*!\*\*\*\*\*!\*\*\*\*\*!\*\*\*\*\*!

506  
326  
327

logo

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consensus



non conserved  
 similar  
 ≥ 50% conserved