

logo

NTDB id 1401 DSB67 RS12665 WP 010643259.1
NTDB id 79910 L6451 RS21230 WP 001013193.1
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 79910 L6451 RS21230 WP 001013193.1
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
.....MNGIESFANMILKEACRVQASDLHIVPRQKDVVQLRTGKDLMTKQCTIEKEFGEKLVSHFKFLASMDIGERRKPQNG
.....MDSIEKVSKNLTIEEAYLTKASDIHIVPRERDAITHFVRVDHALLKKRDMKKEECVRLISHFKFLSAMDIGERRKPQNG
* **** *! * !!!!!!***** ** *! ** !* ** * ** *!*****! * !!!!!!!*

255
77
77

logo

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consensus

SLYLKLNQGVNVLVSTLPTESLVIRLMPQYSISPSLHSLFPSTKQTLSEFLRSHGMLYFTGPTGSGKTTLYTLLSY
RTKQVDEDAHMLTFLNGKTLVHDSANAALDLHGYSDKQAARYDAKHPQLITIMVSMAGVEY
RIKLKLNQDTAIDMRVSTLPTLTFGEKIVLRLLDSSSAALDINKLGYSDSQKQLYLDALRRPQGMILMTGPTGSGKTVSLYTGLST
SLYLQMDGQ.EVYLRRLSTLPTVYQESLVIRLHLQASI.QPLSHLSLFPSTAKKLLSFLRYSHGLLVFTGPTGSGKTTTMYALLEV
SLTLKLKEG.NVHLRMLSTLPTINEESLVIRVMPQYNI.PSIDKLSLFPKTGATLLSFLKSHSGMLIFTGPTGSGKTTTLYSLVQY
** !** * *!***** *!**** *!*****!!!!!!*!*****

340
160
160

logo

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consensus

LRKKPTNRNVLTEDPVEKRNPDVLQVQVNEKAGYTYEAGLKAILRHPDVLVGEIRDLETAELAIRASQTGHLVLTTLHTNDAR
AKHFEIRSIATYDDGINIITQPIIFGFAEARSFQQVMTLADAKVKIALMSSRSIA
LNK.PEINISTAEDPVEIYLPGINQVQVQPKIGFGFAEALRSFLRQDPDVVMVGEIRDLDTAETAIKASQTGHLVLTSLHTNSAA
IRKKKTRRIVTLEDPVKEKRNDDVLQIQINEKAGITYEAGLKAILRHPDVLVGEIRDEETAKIAIRASLTGHLVMTTLHTNDAR
AKKHFNRNIVTLEDPVETRDEDLVQVQVNEKAGVTYSAGLKAILRHPDPMITLGEIRDAETAETIAVRAAMTGHVLVLTSLHTRDAK
*! **** * *****!***** ** *****!!!!***** *!*****!*****!!!!*****

424
245
245

logo

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consensus

GAIYRLSNMGEVFSNLIASSLSLIIAQRLARKLCPYCRQPQEPNSQLQH..IGIA.NTEQIFQANPDGCNECTHGYSGRTGIYEV
ETVTLFDMVEMFNLASTVTLITADKA.YENGQEPNLQKSHNTGQNTTQTFQAEPDGCNEATHGYKECATIEHE
ETVIRLSNMGEVFSNLIASSLSLIIAQRLARKLCPYCRQPQEPNSQLQH..IGIA.NTEQIFQANPDGCNECTHGYSGRTGIYEV
GAILRFMDFGITRQIEEQSLLAIAAQRLVELKCPFCRKRCST.LCKSMRQVRQASIVYELLYGYELKQ...AIKEANGECVTKHE
GAIYRLLEFGINMNEIEQTVIAIAAQRLVDLACPFCEGNCSSVYCRQSRNTRRASVYELLYGKNLQQ...CIQEAKGNHANYQYQ
*****!***** *****!!!!***** !!!** ** ** ** *****!***** ** * ** ** !* !

506
326
327

logo

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NTDB id 96 BSU 24730 NP 390353.1
consensus



ⓧ non conserved
✖ similar
ⓧ ≥ 50% conserved