

logo

NTDB id 1401 DSB67 RS12665 WP 010643259.1
NTDB id 130549 BF32 RS09670 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 130549 BF32 RS09670 WP 001013200.1
NTDB id 96 BSU 24730 NP 390353.1
consensus

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

170
0
0

logo

NTDB id 1401 DSB67 RS12665 WP 010643259.1
NTDB id 130549 BF32 RS09670 WP 001013200.1
NTDB id 96 BSU 24730 NP 390353.1
consensus

NIEDLSQDESPVSRYINQILLDAVRKASDIHFEPYENMYRVRLRCDGILTEIQPPSHLSRRLSARIKILSKLDIAERRLPQDG
.....MNGIESFANMILKEACRVQASDLHIVPRQKDVVQLRTGKDLMTKYCTIEKEFGEKLVSHFKFLASMDIGERRKPQNG
.....MDSIEKVSKNLIEEAYLTKASDIHIVPRERDAIHFVRVDHALLKKRDMKKEECVRLISHFKFLSAMDIGERRKPQNG
* **** *! * !!!!!!***** ** *! ** !* * * ** *!*****! * *!*****!*

255
77
77

logo

NTDB id 1401 DSB67 RS12665 WP 010643259.1
NTDB id 130549 BF32 RS09670 WP 001013200.1
NTDB id 96 BSU 24730 NP 390353.1
consensus

SLYLKLNQGVNVLSTLPTESLVRLLQYSISLSPSTKOTLSFLRSHGMLYFTGPTGSGKTTLYTLLSY
RTKQVDEDAHMLTFLNGKTLVHDSANAALDLHGYSDKQAARYDAKHPQLITIMVSMAGVEY
RIKLKLNQDTAIDMRVSTLPTLTFGEKIVLRLLDSSSAALDINKLGYSDSQKQLYLDALRRPQGMILMTGPTGSGKTVSLYTGLST
SLYLQMDGQ.EVYLRLLSTLPTVYQESLVRLLHQLASI.QPLSHLSLFPSTAKKLLSFLRYSHGLLVFTGPTGSGKTTTMYALLEV
SLTLKLKEG.NVHLRMLSTLPTINEESLVRVMPQYNI.PSIDKLSLFPKTGATLLSFLKSHSGMLIFTGPTGSGKTTTLYSLVQY
** !** * *!***** *!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!

340
160
160

logo

NTDB id 1401 DSB67 RS12665 WP 010643259.1
NTDB id 130549 BF32 RS09670 WP 001013200.1
NTDB id 96 BSU 24730 NP 390353.1
consensus

LRKKPTNRNVLTEDPVEKRNPDVLQVQVNEKAGYTYSAGLKAILRHPDVLVGEIRDLETAELAIRASQTGHLVLTTLHTNDAR
AKHFEIRSIATYDDGINIYIQPIIFGFAEARSFQQVMTLADAKVKVIALMSSRSIA
LNK.PEINISTAEDPVEIYLPGINQVQVQPKIGFGFAEALRSFLRQDPDVVMVGEIRDLDTAETAIKASQTGHLVLTTLHTNSAA
IRKKKTRRIVTLEDPVEKRNDDVLQIQINEKAGITYEAGLKAILRHPDVLVGEIRDEETAIAIRASLTGHLVMTTLHTNDAR
AKKHFNRNIVTLEDPVETRDEDLVQVQVNEKAGVTYSAGLKAILRHPDPMITLGEIRDAETAETIAVRAAMTGHVLVLTSLHTRDAK
*! *!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!

424
245
245

logo

NTDB id 1401 DSB67 RS12665 WP 010643259.1
NTDB id 130549 BF32 RS09670 WP 001013200.1
NTDB id 96 BSU 24730 NP 390353.1
consensus

GAIYRLSNFGITSOEIEQSLAIAAQRLLVLLCPFCRRPCTSVYRSLVQVRAVWYELLYGNLQCIQEQSRTVTYQY
ETVTLFDMVEMFNLASTVTLITADKAAYENGQEPNLQKSHNTGINTTQTFQAEPDGCNEATHGYKECATIEHE
ETVIRLSNMGVESFNIASSLSLIIAQRLARKLCPYCRQPQEPNSQLQH..IGIA.NTEQIFQANPDGCNECTHGYSGRTGIYEV
GAILRFMDFGITRQIEEQSLAIAAQRLLVLLCPFCRRKCS.LCKSMRQVRQASIVYELLYGYELKQ...AIKEANGECVTKHE
GAIYRLLEFGINMNEIEQTVIAIAAQRLLVDLACPFCENGCSSVYCRQSRNTRRASVYELLYGKNLQQ...CIQEAQGNHANYQY
*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!

506
326
327

logo

NTDB id 1401 DSB67 RS12665 WP 010643259.1
NTDB id 130549 BF32 RS09670 WP 001013200.1
NTDB id 96 BSU 24730 NP 390353.1
consensus



non conserved
 similar
 ≥ 50% conserved