

logo

NTDB id 1401 DSB67 RS12665 WP 010643259.1  
NTDB id 131332 BF90 RS12280 WP 001013201.1  
NTDB id 96 BSU 24730 NP 390353.1  
consensus

MLTNLSTVLRQAGILTFSQEESLLEQVKASGISMPEALLSSGFFQSHELTEHLSSVFGLSCTSLNQY EYASLCQTLGLRDLITRH  
MLTNLSTVLRQAGILTFSQEESLLEQVKASGISMPEALLSSGFFQSHELTEHLSSVFGLSCTSLNQY EYASLCQTLGLRDLITRH  
.....  
.....

85  
0  
0

logo

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NTDB id 131332 BF90 RS12280 WP 001013201.1  
NTDB id 96 BSU 24730 NP 390353.1  
consensus

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

170  
0  
0

logo

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consensus

NIEDLSQDESPVSRVINQILLDAVRKASDIHFEPYENMYRVRRLRCGILTEIQPPSHLSRRLSARIKILSKLDIAERRLPQDG  
.....MNGIESFANMILKEACRVQASDLHIVPRQKDVVQLRITGKDLMTKYCTIEKEFGKLVSHFKFLASMDIGERRKPQNG  
.....MDSIEKVSKNLIEEAYLTKASDIHIVPRERDAITHFVRVDHALLKRRDMKKEECVRLISHFKFLSAMDIGERRKPQNG  
\* \*\*\*\* \*!\* \* !!!\*\*\*\*!!\*\* \*\* \*!\*\*\* !\* \* \* \*\* \*!\*\*\*\*\*!!\* \*!\*\*\*\*\*!!\*\*

255  
77  
77

logo

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consensus

SLY LKL NQQ NVYL RVSTLPT VYQ ESLVIRL MPYSI QSP SIKL SLPST KOT L SFIRY SHGM LYFTGPTGSGKT TLLY TLLSY  
RTK QMDEDA DML LHM LMG LNF KTL L VHSANAAL DLH GYSDKQA AKY DA KHPQ LITM VSM SAGVEY  
R LK LKLNQDTAIDMRVSTLPTLFGKIVLRLLDSSAALDINKLGYSDSQKQLYLDALRRPQGMILMTGPTGSGKTVSLYTG LST  
SLYLQMDGQ.EVYLR LSTLPTVYQESLVRHLQASI.QPLSHLSLFPSTAKKLLSFLRYSHGLLVFTGPTGSGKTTTMYALLEV  
SLTLK LKEG.NVHLR MSTLPTINEESLVRVMPQYNI.PSIDKLSLFPKTGATLLSFLK HSHGMLIFTGPTGSGKTTTLYSLVQY  
\*\* !\*\* \* \*!\*\*\*\*\* \*!\*\*\*\*\*!!\*\* \*!\*\*\*\*\*!!\*\* \*!

340  
160  
160

logo

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consensus

L RK KPT RNVTLED PVE TRNPE DV LQVQVNEKAGY TY SAGL KAL RHDPD VMVGEIRD E TAEIAIRASQ TGHV LVT LHTNDAR  
AK HFEIR SA TYDDGIN I IQP I FGF AEA RSF Q MVTL AD K VVKAL MSS RSLA  
LNK.PEINISTAEDPVEIYLPGINQVQVPKIGFGFAEALRSFLRQDPDVVMVGEIRDLTAEIAIKASQTGHLV LSTLHTNSAA  
IRKKKTRRIVTLED PVEKRNDDVLQIQINEKAGIT YEAGLKA I LRHDPD VILVGEIRDEETA KIAIRASLTGHV LVT LHTNDAR  
AKKHFN RNIVTLED PVETREDV LQVQVNEKAGVTYSAGLKA I LRHDPDMIILGEIRDAETAEIAVRAAMTGHV LVT LHTNDRDAK  
\*!\* \*\*!\*\*\*\*\*\*!!\*\* \*!\*\*\*\*\*!!\*\* \*!\*\*\*\*\*!!\*\* \*!\*\*\*\*\*!!\*\* \*!\*\*\*\*\*!!\*\* \*!\*\*\*\*\*!!\*\* \*!

424  
245  
245

logo

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consensus

GAIYRLSNMFGITSQEIEQSLAIAAQRLLVLLCPECRPRCSYRYSVYELLYGNLQCLQEASRTVTYQOY  
ETVTFLEMVEMFNLASTVTLITADKA YEENGQEPNLQKSHNTGNTTQTFFQAE PDGCNEATHGVK ECAI EHE  
ETVIRL SNMGVESFN IASSLSLIIAQRLLARKLCPYCRQPPEPNSQLQH..TGIA.NTEQIFQANPDGCNECTHGYS CRTGIYEV  
GAILRFMGFGITRQ EIEQSLAIAAQRLLVLLCPECFKRCST.LCKSMRQVRQASIEYELLYGVELKQ...AIKEANGECVTKHE  
GAIYRLEFGINMNEIEQTVIAAQRLLVLLCPEFCENGCSVYCRQSRNTRRASVYELLYGKNNLQ...CIQEA KGNHANYQY  
\*\*\*\*\*! \*\* \*!\*\*\*\*\*!!\*\* \*!\*\*\*\*\*!!\*\* \*!\*\*\*\*\*!!\*\* \*!\*\*\*\*\*!!\*\* \*!\*\*\*\*\*!!\*\* \*!\*\*\*\*\*!!\*\* \*!

506  
326  
327

logo

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NTDB id 96 BSU 24730 NP 390353.1  
consensus



561  
347  
356

non conserved  
 similar  
 ≥ 50% conserved