

logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1  
 NTDB id 1203 PSJM300 01605 AFN76401.1  
 NTDB id 1019 ACIAD RS04205 WP 004922051.1  
 NTDB id 101178 JEONG1266 RS00430 WP 001055622.1  
 NTDB id 1448 BW25113 RS15320 WP 001326494.1  
 NTDB id 1307 DR RS10055 WP 010888596.1  
 NTDB id 1086 NMV RS00245 WP 002218487.1  
 NTDB id 1116 NGFG RS10615 WP 003690200.1  
 NTDB id 1185 GTF74 RS11940 WP 000350195.1  
 NTDB id 1176 A1552VC RS01160 WP 000350195.1  
 NTDB id 1283 ACE17W RS02630 WP 010947729.1  
 NTDB id 1259 GC085 RS10305 WP 010947729.1  
 NTDB id 1202 PSJM300 01600 AFN76400.1  
 NTDB id 1194 PA0395 NP 249086.1  
 NTDB id 1020 ACIAD RS04210 WP 011182164.1  
 NTDB id 1060 ABD1 RS04380 WP 000355489.1  
 NTDB id 1040 HON27 RS13360 WP 000355489.1  
 NTDB id 1081 FDQ49 RS05335 WP 006581387.1



... MEINQYLDGMTHKASDLYITVCGAPILYRV DGE LRAQGEAL.SVADV TALLHAMDDARQAEFKKQTR EANFAVVRD 75  
 ... MEFEKLLRLMVEKGGSDLFITAGVPPSMKVNGKILP VNKTPMSP EMTRET VHGVMNEQQRREF TENHECNFAISAR 76  
 ... MDFNDLLNLMAKHKASDLFITAGVPPSLKINGEITP VSKTKLDGDMIAQLIDSIT TQKQRQEF IETHECNFAILNR 76  
 ... MNMEEIVALS VKHNVSDDLHLSAWPARWRIRGLMEA... APFDAPDVEE LLREWLDDDQRA ILLENGQLDFAVSLT 73  
 ... MNMEEIVALS VKHNVSDDLHLSAWPARWRIRGRMEA... APFDTPDVEE LLREWLDDDQRA ILLENGQLDFAVSLA 73  
 MTSGIDITDILRLAADK GASDITLAAGLPQFKLSCDYDAQGFEP L SASDTRKLMYSMMNERQQRI FEEKRELD FFSFALG 80  
 ... MQITDLLAF GAKNKASDLHLSGISP MIRVHGD MRRINLP EMSAEVGNM VTSVMNDHQRKIYQQNLEVD FFSFELP 76  
 ... MQITDLLAF GAKNKASDLHLSGISP MIRVHGD MRRINLP EMSAEVGNM VTSVMNDHQRKIYQQNLEVD FFSFELP 76  
 ... MDIAELL EFSVKHNASDLHLSAGVPPMVRIDGEVRKLGVP AFTHSDVHRL LIFEIMNDAQRSEYEEKLEVD FFSFELP 76  
 ... MDIAELLEFSVKHNASDLHLSAGVPPMVRIDGEVRKLGVP AFTHSDVHRL LIFEIMNDAQRSEYEEKLEVD FFSFELP 76  
 ... MDIAELLAF SVKKNKSSDLHLSAGMPPMIRVDGDLRKINLP PLEHKDVIKI IYDIMNDRQRKEYEEFFET DDFSFEIA 76  
 ... MDIAELLAF SVKKNKSSDLHLSAGMPPMIRVDGDLRKINLP PLEHKDVIKI IYDIMNDRQRKEYEEFFET DDFSFEIA 76  
 ... MDITELLAFSAKGGASDLHLSGLPPMIRVDG D VRRINLPAMD HKQVHALIYDIMNDKQRKDFE EFLET DDFSFEVP 76  
 ... MDITELLAFSAKGGASDLHLSAGLPPMIRVDG D VRRINLPAMD HKQVHALIYDIMNDKQRKDFE EFLET DDFSFEVP 76  
 ... MDITELLAFSVQNRASDLHLSAGIPPMIRVDG EVRRINLPAMD HSEVHNLIYDIMNDKQR RDYEEKLET DDFSFEVP 76  
 ... MDITELLAFSVKNGASDLHLSAGMPPMIRVDG EVRRINLPAL EHKDVHRLVYDIMNDKQR RDYEEKLET DDFSFEVP 76  
 ... MDITELLAFSVKNGASDLHLSAGMPPMIRVDG EVRRINLPAL EHKDVHRLVYDIMNDKQR RDYEEKLET DDFSFEVP 76  
 ... MDITELLAFSVKNGASDLHLSAGMPPMIRVDG EVRRINLPAL EHKDVHRLVYDIMNDKQR RDYEEKLET DDFSFEVP 76  
 ... MDITELLAFSVKNGASDLHLSAGMPPMIRVDG EVRRINLPAL EHKDVHRLVYDIMNDKQR RDYEEKLET DDFSFEVP 76  
 consensus \*\*\* \*\*\*\*\* \*!\*\*\*\*\* \*\*\*\*\*!\*\*\*\*\* \*\* \* \*\*\*\*\*\*\*\*\*\* \*\*\*\*\* \*!\*\*\*\*\*

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 NTDB id 1060 ABD1 RS04380 WP 000355489.1  
 NTDB id 1040 HON27 RS13360 WP 000355489.1  
 NTDB id 1081 FDQ49 RS05335 WP 006581387.1



.. SGRFRVSAFFQRELPGAVIRRIETRIPTFEELKLP EVLQNLAIAK RGLVLVVGATGSGKSTTMAAMTGYRNQHR TGIH 153  
 G IGRFRVSAFYQRNLAGMVLRR IETNIPTIEDLKL PDLVKKLALTKRGLVLFV GATGTGKSTSLAAMI GYRNKNSSGHI 155  
 EKNERFRVSAFQRDMPGMVIRRIETKIPSPDDLHLP PTLKELAMSKRGITIFSGATGTGKSTSLASMI QHRNQHSKGHI 156  
 E.NQRLRGS AFAQRHGISLALRLLP SHCPQLEQLGTP PILLPEL LKSENGLILVTGATGSGKSTTLAAMVGYLNQHADAHI 152  
 E.NQRLRGS AFAQRHGISLALRLLP SHCPQLEQLGAP TVLPEL LKSENGLILVTGATGSGKSTTLAAMVGYLNQHADAHI 152  
 D.KARFRVNAFMQRGNVGV MRLIPTTVRTIAEMGLPQTVIDIANAPRGLV LVTGPTGSGKSTTLAS MIDHINTTKLHI 159  
 N.VARFRVNAFNIGRGA AVFRTIPSTVLSLEELKAPS IFQKIAESPRGMVLVTGPTGSGKSTTLAAMINYI NETQPAHI 155  
 N.VARFRVNAFNIGRGA AVFRTIPSTVLSLEELKAPS IFQKIAESPRGMVLVTGPTGSGKSTTLAAMINYI NETQPAHI 155  
 N.VGRFRVNAFHQARGCS AVFRTIPTVIPTLEQLDAPE IFSKIANYEKGLVLVTGPTGSGKSTTLAAMVNYVNAHNKHI 155  
 N.VGRFRVNAFHQARGCS AVFRTIPTVIPTLEQLDAPE IFSKIANYEKGLVLVTGPTGSGKSTTLAAMVNYVNAHNKHI 155  
 N.LARFRVNAFNQSRGAA AVFRTIPSEILSMEDLGLPPIFKEMASFSRGLV LVTGPTGSGKSTTLAAVIDYINSSRYEHI 155  
 N.LARFRVNAFNQSRGAA AVFRTIPSEILSMEDLGLPPIFKEMASFSRGLV LVTGPTGSGKSTTLAAVIDYINSSRYEHI 155  
 G.VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGMGEVFRKI TDVPRGLV LVTGPTGSGKSTTLAAMDYLNNTKYHHI 155  
 G.VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGMGEVFRKIVRS DVP RGLV LVTGPTGSGKSTTLAAMDYLNNTKYHHI 155  
 N.LARFRVNAFNQNRGAGAVFRTIPSKVLTLEELGLGKIFRDI CDYPRGLV LVTGPTGSGKSTTLAAMDYINNHRYDHI 155  
 N.VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDI CDYPRGI VLVGTGPTGSGKSTTLAAMDYINENRYDHI 155  
 N.VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDI CDYPRGI VLVGTGPTGSGKSTTLAAMDYINENRYDHI 155  
 N.VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDI CDYPRGI VLVGTGPTGSGKSTTLAAMDYINENRYDHI 155  
 consensus \* \*\*!\*!\*!\*!\*!\* \* \* \*\*\*\*\*!\*\*\*\*\* \*\*\*\*\*\*\*\*\*\* \*\*\*\*\* \*!\*\*\*\*\*!\*\*\*\*\*!\*\*\*\*\*!\*\*\*\*\* \*! \* !!



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NTDB id 1177 A1552VC RS01165 WP 000422572.1	TFDQALYQLVVDKTI SEQDALHS ADSANDLRLMLKTK.RGDDY... GSGSLQNVKI..... DME.....	368
NTDB id 1203 PSJM300 01605 AFN76401.1	TFDQALYNLYVQGETIYEDALLHADSSNDLRLMIKLG.SETDGEHLTSVS.QGLTL..... EMSDDDPGRSFR....	381
NTDB id 1019 ACIAD RS04205 WP 004922051.1	TFDQALFDLYDHQHISYADALKHADSPNNLRLQIKLS.EEANKPLDNRERMSEMER..... KMTFDGQRRNLK....	383
NTDB id 101178 JEONG1266 RS00430 WP 001055622.1	TFQQSYQQRVGEGR.....	326
NTDB id 1448 BW25113 RS15320 WP 001326494.1	TFQQSYQHRVGEGR.....	326
NTDB id 1307 DR RS10055 WP 010888596.1	TMDAYLAGLFRHLLITYDKCLERAIDPKEFARLANDASAGLGG.... ASMTPAAPVPAYNSASSSSTGRGGDFGRGAA	394
NTDB id 1086 NMV RS00245 WP 002218487.1	TMDQSLQSLVRQGLIAPEVARRRAQNSEMSF.....	347
NTDB id 1116 NGFG RS10615 WP 003690200.1	TMDQSLQSLVRQGLIAPEAARRRAQNSEMSF.....	347
NTDB id 1185 GTF74 RS11940 WP 000350195.1	TMEQNAKQLIARGVYDAQEVQSKIELDLKAF.....	345
NTDB id 1176 A1552VC RS01160 WP 000350195.1	TMEQNAKQLIARGVYDAQEVQSKIELDLKAF.....	345
NTDB id 1283 ACE17W RS02630 WP 010947729.1	TLDQHLTELVNKNIISKHTAHEAALNK.SLF.....	344
NTDB id 1259 GC085 RS10305 WP 010947729.1	TLDQHLTELVNKNIISKHTAHEAALNK.SLF.....	344
NTDB id 1202 PSJM300 01600 AFN76400.1	TLDQSLKGLLAKGLISRDSAKEKAKQP.ENF.....	344
NTDB id 1194 PA0395 NP 249086.1	TLDQSLKGLVAKGLISRAREKAKIP.ENF.....	344
NTDB id 1020 ACIAD RS04210 WP 011182164.1	TLDQSLKQLLAKGILNLPARTARAVAKSP.ESF.....	344
NTDB id 1060 ABD1 RS04380 WP 000355489.1	TLDQSLKGLVARGVISPQTARTAAKQP.ESFL.....	345
NTDB id 1040 HON27 RS13360 WP 000355489.1	TLDQSLKGLVARGVISPQTARTAAKQP.ESFL.....	345
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	TLDQSLKGLVSRGVISPQTARTAAKQP.ESFL.....	345
consensus	!*** * ** **** * *	



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NTDB id 1177 A1552VC RS01165 WP 000422572.1	.....	368
NTDB id 1203 PSJM300 01605 AFN76401.1	.....	381
NTDB id 1019 ACIAD RS04205 WP 004922051.1	.....	383
NTDB id 101178 JEONG1266 RS00430 WP 001055622.1	.....	326
NTDB id 1448 BW25113 RS15320 WP 001326494.1	.....	326
NTDB id 1307 DR RS10055 WP 010888596.1	APATPAAPAAGRSEPGRAGGFRR	418
NTDB id 1086 NMV RS00245 WP 002218487.1	.....	347
NTDB id 1116 NGFG RS10615 WP 003690200.1	.....	347
NTDB id 1185 GTF74 RS11940 WP 000350195.1	.....	345
NTDB id 1176 A1552VC RS01160 WP 000350195.1	.....	345
NTDB id 1283 ACE17W RS02630 WP 010947729.1	.....	344
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consensus	.....	

non conserved  
 similar  
 ≥ 50% conserved