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logo
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NTDB id 1019 ACIAD RS04205 WP 004922051.1    ....MDFNDLLNLMAKHKASDLFITAGVEPSLKINGEITPVSKTKLDGDMIAQLIDSITTQKQRQEFIETHECNFAILNR   76
NTDB id 252801 KSH RS07890 WP 099808389.1   ....MDLDKLLQLMIQKNGSDLFITADAPISMKVNGTIAPVTKSALTPEQSMTLVKSVMTPAQSKEFDDTLECQFAIVDK   76
NTDB id 1203 PSJM300 01605 AFN76401.1        ....MEFEKLLRLMVEKGGSDLFITAGVPPSMKVNGKILPVNKTPMSPEMTRETVHGVMNEQQRREFTENHECNFAISAR   76
NTDB id 1307 DR RS10055 WP 010888596.1       MTSGIDITDILRLAADKGASDIILAAGLPPQFKLSGDYDAQGFEPLSASDTRKLMYSMMNERQQRIFEEKRELDFSFALG   80
NTDB id 1081 FDQ49 RS05335 WP 006581387.1    ....MDITELLAFSVKNGASDLHLSAGMPPMIRVDGEVRRINLPALEHKDVHRLVYDIMNDKQRRDYEEKLETDFSFEVP   76
NTDB id 1060 ABD1 RS04380 WP 000355489.1     ....MDITELLAFSVKNGASDLHLSAGMPPMIRVDGEVRRINLPALEHKDVHRLVYDIMNDKQRRDYEEKLETDFSFEVP   76
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NTDB id 1283 ACE17W RS02630 WP 010947729.1   ....MDIAELLAFSVKNKSSDLHISAGMPPMIRVDGDLRKINLPPLEHKDVIKIIYDIMNDRQRKEYEEFFETDFSFEIA   76
NTDB id 1259 GCO85 RS10305 WP 010947729.1    ....MDIAELLAFSVKNKSSDLHISAGMPPMIRVDGDLRKINLPPLEHKDVIKIIYDIMNDRQRKEYEEFFETDFSFEIA   76
consensus                                        *** **!********!!**************!*************** ******************  !**!****

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NTDB id 252801 KSH RS07890 WP 099808389.1   NQTARFRVSAFVQKDCAGMVLRKIETKIPTVEHLNLPPILNEIAMKKRGIVLLVGATGTGKSTTLAAMMGYRNENSRGHI  156
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consensus                                     ***!!!!*!!*!******!*!*!***********!* ****** * !!*****!*!!*!!!!**!******!  ****!!

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NTDB id 1307 DR RS10055 WP 010888596.1       LTIEDPIEFMHPNKASIINQREVGSDTLSFDDALRAALRQAPDVILVGEMRDYETIKAAVTAAETGHLVMGTLHTNSAPE  239
NTDB id 1081 FDQ49 RS05335 WP 006581387.1    LTVEDPIEFVHQSKKCLINQREVHRDTHGFNEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAK  235
NTDB id 1060 ABD1 RS04380 WP 000355489.1     LTVEDPIEFVHQSKKCLINQREVHRDTHGFNEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAK  235
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NTDB id 1283 ACE17W RS02630 WP 010947729.1   LTVEDPIEFVHQSKKCLVNQREVHKDTLSFNAALRSALREDPDIILVGELRDLETIRLAMTAAETGHLVFGTLHTNSATK  235
NTDB id 1259 GCO85 RS10305 WP 010947729.1    LTVEDPIEFVHQSKKCLVNQREVHKDTLSFNAALRSALREDPDIILVGELRDLETIRLAMTAAETGHLVFGTLHTNSATK  235
consensus                                    ***!!!!!**!********!!!!**!! *** *!***!!  !!*!!*!!*!**!****!***!!!!!!***!!!***!  *
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logo
NTDB id 1177 A1552VC RS01165 WP 000422572.1  ALERILHLVPKEQREQFLLDLSLNLKGVIAQQLLRDKNGKGRHGVFEVLLNSPRIADLIRRGELHELKATMARSQEVGMQ  313
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NTDB id 252801 KSH RS07890 WP 099808389.1   ALERIIHFFEAKHHEQILMDLSLNLRAIVAQQLIATPDGKGRRPAIEILLNSQLIGDYIRKGEIHEIKPVMKRSREIGMQ  316
NTDB id 1203 PSJM300 01605 AFN76401.1        ALDRIINFFPADRQNQVWMDLSLNLKAIVAQQLVPTPDGKGRRAVIEVLINTPLAADLIRKGEVHELKGLMKRSTDLGMQ  315
NTDB id 1307 DR RS10055 WP 010888596.1       SIDRIVDVFPEEQQEQIRVQLANNLVAVMTQQLLPRADGQGRVLAYEILLANPAVRALIREGKTFQITSVMQTGAREGMV  319
NTDB id 1081 FDQ49 RS05335 WP 006581387.1    TIDRVIDVFPAEEKDMVRAMLSESLQAVISQTLLK.KNGGGRVAAHEIMIGIPAIRNLIRENKVAQMYSAIQTGANHGMT  314
NTDB id 1060 ABD1 RS04380 WP 000355489.1     TIDRVIDVFPAEEKDMVRAMLSESLQAVISQTLLK.KNGGGRVAAHEIMIGIPAIRNLIRENKVAQMYSAIQTGANHGMT  314
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consensus                                    ***!***********  ****!**  !*****!*!**  *****!****!***  *******!!*********  *****   !!*

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NTDB id 1177 A1552VC RS01165 WP 000422572.1  TFDQALYQLVVDDKISEQDALHSADSANDLRLMLKTKRGDDYGSG...SLQNVK........IDME...............  368
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NTDB id 252801 KSH RS07890 WP 099808389.1   TFDQALFDLYENGDITYRDAIQHADSPNDLRLLIKLESKSANKTEES....ELE........LSLQSDDNSAANDNAIS.  383
NTDB id 1203 PSJM300 01605 AFN76401.1        TFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLGSETDGEHLTSV.SQGLT........LEMSDDDPGRSFR.....  381
NTDB id 1307 DR RS10055 WP 010888596.1       TMDAYLAGLFRRHLITYDKGLERAIDPKEFARLAND...ASAGLGGAS.MTPAAPPVPAYNSASSSSTGRGGDFGRGAAA  395
NTDB id 1081 FDQ49 RS05335 WP 006581387.1    TLDQSLKGLVSRGVISPQTARTAAKQPESFL.......................................................  345
NTDB id 1060 ABD1 RS04380 WP 000355489.1     TLDQSLKGLVARGVISPQTARTAAKQPESFL.......................................................  345
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NTDB id 1259 GCO85 RS10305 WP 010947729.1    TLDQHLTELVNKNIISKHTAHEAALNKSLF........................................................  344
consensus                                    !*!* !  !* ***!*  *** *! **  *

logo
                                             PATPAAPAAGRSEPGRAGGFGRR
NTDB id 1177 A1552VC RS01165 WP 000422572.1  ........................  368
NTDB id 1019 ACIAD RS04205 WP 004922051.1    ........................  383
NTDB id 252801 KSH RS07890 WP 099808389.1   ........................  383
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NTDB id 1307 DR RS10055 WP 010888596.1       PATPAAPAAGRSEPGRAGGFGRR   418
NTDB id 1081 FDQ49 RS05335 WP 006581387.1    ........................  345
NTDB id 1060 ABD1 RS04380 WP 000355489.1     ........................  345
NTDB id 1040 HON27 RS13360 WP 000355489.1    ........................  345
NTDB id 1283 ACE17W RS02630 WP 010947729.1   ........................  344
NTDB id 1259 GCO85 RS10305 WP 010947729.1    ........................  344
consensus
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X non conserved

X similar

X ≥ 50% conserved