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NTDB id 1307 DR RS10055 WP 010888596.1	...MTSGIDITDILRLAADKGGASDIILAAGLPPQFKISGDYDAQGFELPSASDTRKLMYSMMNERQQRIFEKRELDFFSF	77
NTDB id 1177 A1552VC RS01165 WP 000422572.1	MELNQYLDGMLTHKASDLYITVGCAPILYRVDGELRAQGEA.LSVADVLTALLHAMMDARQAEFKQTREANFAV	72
NTDB id 1019 ACIAD RS04205 WP 004922051.1	MDFNDLLNLMAKHKASDLFITAGVPSLKINGEITPVSKTKLDGDMIAQLIDSITTQKQRQFEIETHECNFAI	73
NTDB id 1065839 ACG1WH RS05035 WP 005408369.1	MNTTATTIDFTSFLKLMAHQRASDLFITAGMPPAMKVNGKISPIITQPTLTPQQSRDLVLNVMTPAQREEFEKTHECNFAI	80
NTDB id 1203 PSJM300 01605 AFN76401.1	MEFEKLLRLMVEKGGSDLFITAGVPPSMKVNGKILPVNKTTPMSPEMTRETIVHGVMEEQRRREFTENHECNFAI	73
consensus	*** *!***** **!!*****!*** *****!*** **	

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NTDB id 1307 DR RS10055 WP 010888596.1	ALG.DKARFRVNAFMQRGNVGVMRLIPTTVRTIAEMGLPQTVIDIANAPRGLVLVTGPTGSGKSTTLASMIDHINTTKK	156
NTDB id 1177 A1552VC RS01165 WP 000422572.1	VR..DSGRFRVSAFFQRELPGAVIRRIETRIPTFEELKLPEVLQNLAIAKRGLVLVVGATGSGKSTTMAAMTGYRNQHR	150
NTDB id 1019 ACIAD RS04205 WP 004922051.1	LNREKNERFRVSAFQQRDMPGVMVIRRIETRIPTSPDDLHLPLILKELAMSKRGIIFSGATGTGKSTSLASMIQHRNQHSK	153
NTDB id 1065839 ACG1WH RS05035 WP 005408369.1	GLS.GVGRFRVSCFYQRNQVGMVLRRIETRIPTVEELSPLPIIKTLAMTKRGIILFVGATGTGKSTSLAAMIGYRNQNST	159
NTDB id 1203 PSJM300 01605 AFN76401.1	SAR.GIGRFRVSAFYQRNLAGMVLRRITNIPTIEDLKLDPDLVKKLALTAKRGLVLVVGATGTGKSTSLAAMIGYRNKNSS	152
consensus	*!!!!!!*!!* *!!!!!!*!!!!!!*!! *!! *!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!! *	

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NTDB id 1307 DR RS10055 WP 010888596.1	LHILTIEDPIEFMHPNKAISIINQREVGSDTLSFDDALRAALRQAPDVLIGEMRDYETIKAAVTAAETGHLVMTGLTNS	236
NTDB id 1177 A1552VC RS01165 WP 000422572.1	GHIITVEDPIEFVHEHKRCIVTQREVGLDTSYEVALKNSLRQAPDMILIGEIRSMETMEYAMTFAETGHLCLMATLHANN	230
NTDB id 1019 ACIAD RS04205 WP 004922051.1	GHIITIEDPIEFIEHAGCIITQREVGLDTSFEIALKNTLRQAPDVLIGEIRSMREVMYALAFATGHLVLFATLHANN	233
NTDB id 1065839 ACG1WH RS05035 WP 005408369.1	GHIITIEDPIEFVHKHEGCIITQREVGLDTSWEAALKNTLRQAPDVMIGEVRTREGMDHAIATAETGHLVLCITLHANN	239
NTDB id 1203 PSJM300 01605 AFN76401.1	GHIISIEDPIEFIHQHNCIVTQREVGLDTSFEVALKNTLRQAPDVLIGEVRTRETMDHAVAFAETGHLCLATLHANN	232
consensus	*!!!!!!*!!!!!!* *!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!	

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NTDB id 1307 DR RS10055 WP 010888596.1	APESIDRIVDVFPPEQQEQIRVQLANNLVAVMTQQLIPRADGQGRVLAYEILLANPAVRALIREGKTFQITSVMQTGARE	316
NTDB id 1177 A1552VC RS01165 WP 000422572.1	ANQALERILHLVPKEQREQFLLDLSLNLKGVIAQQLLRDKNKGKGRHGVFEVLLNSPRIADLRIRGELHELKATMARSQEV	310
NTDB id 1019 ACIAD RS04205 WP 004922051.1	ANQTLERIIHFFDADRHQQIFMDLSLNLKAVISQQLIPTHDQSRRAAVEVLINTPLISDYIRQGEIYKIKELMARSQEL	313
NTDB id 1065839 ACG1WH RS05035 WP 005408369.1	ANQAMDRIVNFPPEDRRNQLLMDLSLNLKGVVAQQLVPSPDGGRSRKVAMEILLGTPLVQDYIRDGEIHKLKEVMDKDSVQL	319
NTDB id 1203 PSJM300 01605 AFN76401.1	ANQALDRIINFFPADRQNVWMDLSLNLKAIQAQQLVPTPDGKGRAVIEVLINTPLAADLRIRGEVHELKGLMKRSTDL	312
consensus	!*****!* **** *!* ****!!*****!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!	

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NTDB id 1307 DR RS10055 WP 010888596.1	GMVTMDAYLAGLFRRHLLITYDKGLERAIDPKEFARLANDASAGLGGASMTIPA.APPVPAYNSASSSSTGRGGDFGRGAAA	395
NTDB id 1177 A1552VC RS01165 WP 000422572.1	GMQTFDQALYQLVVDKISEQDALHSADSANDRLMLKTKRGD.DYG...SGSLQNV....KIDME.....	368
NTDB id 1019 ACIAD RS04205 WP 004922051.1	GMQTFDQALFDLYDHQHISYADALKHADSPNNRLRLQIKLSEEA.NKPLDNRRERMSEM....ERKMTFDGQRRNLK.....	383
NTDB id 1065839 ACG1WH RS05035 WP 005408369.1	GMKTFDQSLFELYQAGEISYEDALRYADSQNEVRLRIKLSQGG.DARTLSQG.LDGV....EISEIR.....	380
NTDB id 1203 PSJM300 01605 AFN76401.1	GMQTFDQALYNLYVQGEITYEDALLHADSSNDRLRLMIKLGSET.DGEHLTSV.SQGL....TLEMSDDDPGRSFR.....	381
consensus	!!*!!*!!*!!* *! *****! *** *****!*** **	

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NTDB id 1307 DR RS10055 WP 010888596.1	PATPAAPAAAGRSEPGRAGGFRR	418
NTDB id 1177 A1552VC RS01165 WP 000422572.1	PATPAAPAAAGRSEPGRAGGFRR	368
NTDB id 1019 ACIAD RS04205 WP 004922051.1		383
NTDB id 1065839 ACG1WH RS05035 WP 005408369.1		380
NTDB id 1203 PSJM300 01605 AFN76401.1		381
consensus		

-  non conserved
-  similar
-  ≥ 50% conserved