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NTDB id 1203 PSJM300 01605 AFN76401.1	MFEKLLRLMVEKGCSDLFTTACVPPSMKVNCKILPVNKTPTMSPEMTRETVHGVMNEQQRRRETTENHCCNFATISAR	76
NTDB id 347832 Pan265 RS07490 WP 145445803.1	.MSTIQIDRLLDTVVKGASDLHLTVGKAPTVMRGRLLIELKTKILLAGDTTATMKATAPERSQNELQEGGSDFGFAYG	79
NTDB id 1307 DR RS10055 WP 01088596.1	MTSGIDITDILRLAADKGASDITLAAGLPPQFKLSGDYDAQGFELASDTRKLMVSMNERQQIFEEKRELDFSFATG	80
NTDB id 1086 NMV RS00245 WP 002218487.1	MQITDLLAFGAKNKASDLHLSSGTSPIRVHCDMRRINLPEMSAAEEVGNMVTSMNDHQRAIYQQNLEVDFSFELP	76
NTDB id 1116 NGFG RS10615 WP 003690200.1	MQITDLLAFGAKNKASDLHLSSGTSPIRVHCDMRRINLPEMSAAEEVGNMVTSMNDHQRAIYQQNLEVDFSFELP	76
NTDB id 1185 GTF74 RS11940 WP 000350195.1	MDIAELLEFSVKHNASDLHLSAGVPPMVRIDGEVRKLGVPFATHSDVHRLIFEIMNDAQRSEYEEKLEVDFSFELP	76
NTDB id 1176 A1552VC RS01160 WP 000350195.1	MDIAELLEFSVKHNASDLHLSAGVPPMVRIDGEVRKLGVPFATHSDVHRLIFEIMNDAQRSEYEEKLEVDFSFELP	76
NTDB id 1283 ACE17W RS02630 WP 010947729.1	MDIAELLAFSVKNKSSDLHISACMPPMIRVDGDLRKINLPPLEHKDVIKIITYDIMNDRQRKEYEEFFETDFSFEIA	76
NTDB id 1259 GC085 RS10305 WP 010947729.1	MDIAELLAFSVKNKSSDLHISACMPPMIRVDGDLRKINLPPLEHKDVIKIITYDIMNDRQRKEYEEFFETDFSFEIA	76
NTDB id 1202 PSJM300 01600 AFN76400.1	MDITELLAFSAKQGASDLHLSSGLPPMIRVDGCVRRINLPAMDHKQVHALIITYDIMNDKQRKDFEEFLETDFSFEVP	76
NTDB id 1194 PAKAF RS01995 WP 003084552.1	MDITELLAFSAKQGASDLHLSAGLPPMIRVDGCVRRINLPLEHKQVHALIITYDIMNDKQRKDFEEFLETDFSFEVP	76
NTDB id 1020 ACIAD RS04210 WP 011182164.1	MDITELLAFSVQMRASDLHLSAGLPPMIRVDGEVRRINLPAMDHSEVHNLIITYDIMNDKQRQDYEEKLETDFSFEVP	76
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	MDITELLAFSVKNGASDLHLSACMPPMIRVDGEVRRINLPALHKKDVHRLVYDIMNDKQRQDYEEKLETDFSFEVP	76
NTDB id 1060 ABD1 RS04380 WP 000355489.1	MDITELLAFSVKNGASDLHLSACMPPMIRVDGEVRRINLPALHKKDVHRLVYDIMNDKQRQDYEEKLETDFSFEVP	76
NTDB id 1040 HON27 RS13360 WP 000355489.1	MDITELLAFSVKNGASDLHLSACMPPMIRVDGEVRRINLPALHKKDVHRLVYDIMNDKQRQDYEEKLETDFSFEVP	76
consensus	*****!***** *!!*****!***!*****!***** ***** **** ********** ***** *****	

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NTDB id 1203 PSJM300 01605 AFN76401.1	GTCGRFRVSAFYQRNLACMVLRRRIETINPTIEDLKLDPVLKKIALTKRGLVLFVGCATCTGKSTSLAAMIGYRNKNSSGHI	156
NTDB id 347832 Pan265 RS07490 WP 145445803.1	DAARFRVSIFFKQKSNVSLVLRQIPNKLDDIETIGLPKLVPELVTRPRGLFLVTGPTGSGKTTSLASMINHVNLTDDRHI	159
NTDB id 1307 DR RS10055 WP 01088596.1	DKARFRVNAFMQRGNVGGVMRLIPTTVRTIAEMGLPQTVIDIANAPRGLVLVTGPTGSGKSTTLASMDHINTTKLHIL	160
NTDB id 1086 NMV RS00245 WP 002218487.1	NVARFRVNAFNIGRGPAAVFRTIPSTVLSLEELKAPSIFFQKIAESPRCMVLVTGPTGSGKSTTLAAMINYINETQPAHIL	156
NTDB id 1116 NGFG RS10615 WP 003690200.1	NVARFRVNAFNTGRGPAAVFRTIPSTVLSLEELKAPSIFFQKIAESPRCMVLVTGPTGSGKSTTLAAMINYINETQPAHIL	156
NTDB id 1185 GTF74 RS11940 WP 000350195.1	NVGRFRVNAFHQARGCSAVFRTIPTVIPTLEQLDAPEIFSKIANYEKGLVLVTGPTGSGKSTTLAAMVNYNAHHNKHIL	156
NTDB id 1176 A1552VC RS01160 WP 000350195.1	NVGRFRVNAFHQARGCSAVFRTIPTVIPTLEQLDAPEIFSKIANYEKGLVLVTGPTGSGKSTTLAAMVNYNAHHNKHIL	156
NTDB id 1283 ACE17W RS02630 WP 010947729.1	NLARFRVNAFNQSRGAAAVFRTIPSEILSMEDLGLPPIFKEMASFSRGLVLVTGPTGSGKSTTLAAVIDYINSSRYEHIL	156
NTDB id 1259 GC085 RS10305 WP 010947729.1	NLARFRVNAFNQSRGAAAVFRTIPSEILSMEDLGLPPIFKEMASFSRGLVLVTGPTGSGKSTTLAAVIDYINSSRYEHIL	156
NTDB id 1202 PSJM300 01600 AFN76400.1	GVARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLCMGEVFRKTTDVPRGLVLVTGPTGSGKSTTLAAMDYLNNTKYHHIL	156
NTDB id 1194 PAKAF RS01995 WP 003084552.1	GVARFRVNAFNQNRGAGAVFRTIPSKVLTMEELCMGEVFRKRVSDVPRGLVLVTGPTGSGKSTTLAAMDYLNNTKYHHIL	156
NTDB id 1020 ACIAD RS04210 WP 011182164.1	NLARFRVNVFNQNRGAGAVFRTIPSQVLTLEELGLGKIFRDI CDYPRGLVLVTGPTGSGKSTTLAAMDYINNHRYDHIL	156
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	NVARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDI CDYPRGIVLVTGPTGSGKSTTLAAMDYINENRYDHIL	156
NTDB id 1060 ABD1 RS04380 WP 000355489.1	NVARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDI CDYPRGIVLVTGPTGSGKSTTLAAMDYINENRYDHIL	156
NTDB id 1040 HON27 RS13360 WP 000355489.1	NVARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDI CDYPRGIVLVTGPTGSGKSTTLAAMDYINENRYDHIL	156
consensus	***!!!!!!*!*****!***!***** ***** ***** ***** ***** ***** ***** *****	

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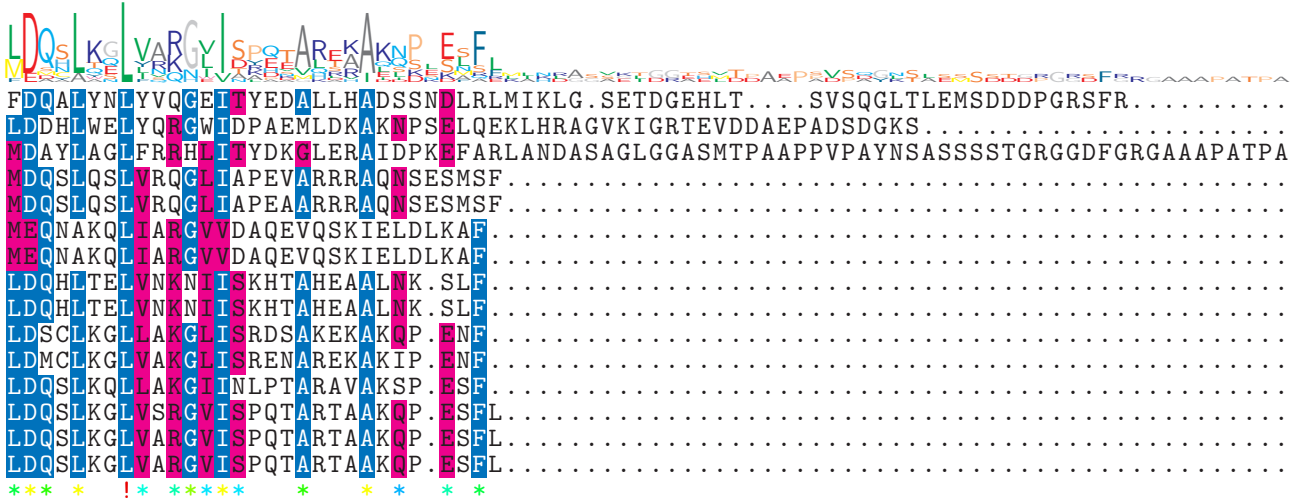
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NTDB id 347832 Pan265 RS07490 WP 145445803.1	TIEDPIEFVHQS	239
NTDB id 1307 DR RS10055 WP 010888596.1	TIEDPIEFVHQS	240
NTDB id 1086 NMV RS00245 WP 002218487.1	TIEDPIEFVHQS	236
NTDB id 1116 NGFG RS10615 WP 003690200.1	TIEDPIEFVHQS	236
NTDB id 1185 GTF74 RS11940 WP 000350195.1	TIEDPIEFVHQS	236
NTDB id 1176 A1552VC RS01160 WP 000350195.1	TIEDPIEFVHQS	236
NTDB id 1283 ACE17W RS02630 WP 010947729.1	TIEDPIEFVHQS	236
NTDB id 1259 GC085 RS10305 WP 010947729.1	TIEDPIEFVHQS	236
NTDB id 1202 PSJM300 01600 AFN76400.1	TIEDPIEFVHQS	236
NTDB id 1194 PAKAF RS01995 WP 003084552.1	TIEDPIEFVHQS	236
NTDB id 1020 ACIAD RS04210 WP 011182164.1	TIEDPIEFVHQS	236
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	TIEDPIEFVHQS	236
NTDB id 1060 ABD1 RS04380 WP 000355489.1	TIEDPIEFVHQS	236
NTDB id 1040 HON27 RS13360 WP 000355489.1	TIEDPIEFVHQS	236
consensus	TIEDPIEFVHQS	

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NTDB id 1203 PSJM300 01605 AFN76401.1	IDRIIDVFPAGEEK	316
NTDB id 347832 Pan265 RS07490 WP 145445803.1	IDRIIDVFPAGEEK	319
NTDB id 1307 DR RS10055 WP 010888596.1	IDRIIDVFPAGEEK	320
NTDB id 1086 NMV RS00245 WP 002218487.1	IDRIIDVFPAGEEK	316
NTDB id 1116 NGFG RS10615 WP 003690200.1	IDRIIDVFPAGEEK	316
NTDB id 1185 GTF74 RS11940 WP 000350195.1	IDRIIDVFPAGEEK	315
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NTDB id 1283 ACE17W RS02630 WP 010947729.1	IDRIIDVFPAGEEK	315
NTDB id 1259 GC085 RS10305 WP 010947729.1	IDRIIDVFPAGEEK	315
NTDB id 1202 PSJM300 01600 AFN76400.1	IDRIIDVFPAGEEK	315
NTDB id 1194 PAKAF RS01995 WP 003084552.1	IDRIIDVFPAGEEK	315
NTDB id 1020 ACIAD RS04210 WP 011182164.1	IDRIIDVFPAGEEK	315
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	IDRIIDVFPAGEEK	315
NTDB id 1060 ABD1 RS04380 WP 000355489.1	IDRIIDVFPAGEEK	315
NTDB id 1040 HON27 RS13360 WP 000355489.1	IDRIIDVFPAGEEK	315
consensus	IDRIIDVFPAGEEK	

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NTDB id 1203 PSJM300 01605 AFN76401.1	FDQALYNLYVQGEITIEDALLHADSSNDLRLMIKLG.SETDGEHLT...SVSQGLTLEMSDDDPGRSFR.....	381
NTDB id 347832 Pan265 RS07490 WP 145445803.1	LDLHLWELYQRCWIDPAEMLDKAKNPSELQEKLRHAGVKIGRTEVDDAEPADSDGKS.....	376
NTDB id 1307 DR RS10055 WP 010888596.1	MDAYLAGLFRRHLITYDKCLERAIDPKFARLANDASAGLGGASMTPAAPPVPAYNSASSSSTGRGGDFGRGAAAPATPA	400
NTDB id 1086 NMV RS00245 WP 002218487.1	MDQSLQSLVRQCGLIAPEVARRRAQNSSESMSF.....	347
NTDB id 1116 NGFG RS10615 WP 003690200.1	MDQSLQSLVRQCGLIAPEAARRRAQNSSESMSF.....	347
NTDB id 1185 GTF74 RS11940 WP 000350195.1	MEQNAKQLIARCVVDAQEVQSKIELDLKAF.....	345
NTDB id 1176 A1552VC RS01160 WP 000350195.1	MEQNAKQLIARCVVDAQEVQSKIELDLKAF.....	345
NTDB id 1283 ACE17W RS02630 WP 010947729.1	LDQHLTELVNKNIISKHTAHEAALNK.SLF.....	344
NTDB id 1259 GC085 RS10305 WP 010947729.1	LDQHLTELVNKNIISKHTAHEAALNK.SLF.....	344
NTDB id 1202 PSJM300 01600 AFN76400.1	LDSCSLKGLLAKGLISRDSAKEKAKQP.ENF.....	344
NTDB id 1194 PAKAF RS01995 WP 003084552.1	LDMLKGLVAKGLISRAREKAKIP.ENF.....	344
NTDB id 1020 ACIAD RS04210 WP 011182164.1	LDQSLKQLLAKGLINLPTARAVAKSP.ESF.....	344
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	LDQSLKGLVSRGVISPQTARTAAKQP.ESFL.....	345
NTDB id 1060 ABD1 RS04380 WP 000355489.1	LDQSLKGLVARGVISPQTARTAAKQP.ESFL.....	345
NTDB id 1040 HON27 RS13360 WP 000355489.1	LDQSLKGLVARGVISPQTARTAAKQP.ESFL.....	345
consensus	*** * !* ***** * * * *	



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NTDB id 1203 PSJM300 01605 AFN76401.1		381
NTDB id 347832 Pan265 RS07490 WP 145445803.1		376
NTDB id 1307 DR RS10055 WP 010888596.1	APAAGRSEPGRAGGFGRR	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
NTDB id 1259 GC085 RS10305 WP 010947729.1		344
NTDB id 1202 PSJM300 01600 AFN76400.1		344
NTDB id 1194 PAKAF RS01995 WP 003084552.1		344
NTDB id 1020 ACIAD RS04210 WP 011182164.1		344
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NTDB id 1060 ABD1 RS04380 WP 000355489.1		345
NTDB id 1040 HON27 RS13360 WP 000355489.1		345
consensus		

APAAGRSEPGRAGGFGRR

- ☐ non conserved
- ☒ similar
- ☒ ≥ 50% conserved