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NTDB id 1177 A1552VC RS01165 WP 000422572.1	MEINQYLDGMLTHKASDLYITVGA	PILYRVDGELRAQGE.AL.SVADVTALLHAMMDARQAEFFKQTREANFAVVR	74
NTDB id 1203 PSJM300 01605 AFN76401.1	MEFEKLLRLMVEKGGSDLFITAGVPPSMKVNGKILPVNK.TPMSPEMTRET	VHGMVNEQQRREFTENHECNFAISA	75
NTDB id 1019 ACIAD RS04205 WP 004922051.1	MDFNDLLNLMAKHKASDLFITAGVEPSL	KINGEITPVSK.TKLDGDMIAQLIDSITTQKQRQEF	75
NTDB id 1307 DR RS10055 WP 010888596.1	MTSGIDITDILRLAADKGASDIILAAGLPPQFKLSG	DYDAQGF.EPLSASDTRKLMYSMMNERQQRI	79
NTDB id 44120 FTV RS00455 WP 003019818.1	MIRKLLTLCVQKKASDLHLSSGCKAKYRIDG	DLIDIESSPVLNDKMTSQMLLEIMTDDQKDELI	75
NTDB id 1116 NGFG RS10615 WP 003690200.1	MQITDLLAFGAKNKASDLHLSSGISPMIRVHG	DMRRINL.PEMSAEEVGNMVTSMVNDHQRKI	75
NTDB id 1086 NMV RS00245 WP 002218487.1	MQITDLLAFGAKNKASDLHLSSGISPMIRVHG	DMRRINL.PEMSAEEVGNMVTSMVNDHQRKI	75
NTDB id 1185 GTF74 RS11940 WP 000350195.1	MDIAELLEFSVKHNASDLHLSSGPPMVRIDG	EVRLGV.PAFTHSDVHRLIFEIMNDAQRS	75
NTDB id 1176 A1552VC RS01160 WP 000350195.1	MDIAELLEFSVKHNASDLHLSSGPPMVRIDG	EVRLGV.PAFTHSDVHRLIFEIMNDAQRS	75
NTDB id 1283 ACE17W RS02630 WP 010947729.1	MDIAELLAFAFSVKNKSSDLHISAGMPPMIR	VDGDLRKINL.PPLEHKDVIKIITYDIMNDR	75
NTDB id 1259 GC085 RS10305 WP 010947729.1	MDIAELLAFAFSVKNKSSDLHISAGMPPMIR	VDGDLRKINL.PPLEHKDVIKIITYDIMNDR	75
NTDB id 1202 PSJM300 01600 AFN76400.1	MDITELLAFSAKQGGASDLHLSSGLPPMIR	VDGDVRRINL.PAMDHKQVHALIYDIMNDK	75
NTDB id 1194 PAKAF RS01995 WP 003084552.1	MDITELLAFSAKQGGASDLHLSSGLPPMIR	VDGDVRRINL.PPLEHKQVHALIYDIMNDK	75
NTDB id 1020 ACIAD RS04210 WP 01182164.1	MDITELLAFSVQNRASDLHLSSGIPPMIR	VDGEVRRINL.PAMDHSEVHNLIYDIMNDK	75
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	MDITELLAFSVKNGASDLHLSSGIPPMIR	VDGEVRRINL.PALEHKDVHRLVYDIMNDK	75
NTDB id 1060 ABD1 RS04380 WP 000355489.1	MDITELLAFSVKNGASDLHLSSGIPPMIR	VDGEVRRINL.PALEHKDVHRLVYDIMNDK	75
NTDB id 1040 HON27 RS13360 WP 000355489.1	MDITELLAFSVKNGASDLHLSSGIPPMIR	VDGEVRRINL.PALEHKDVHRLVYDIMNDK	75
consensus	*** **!****** *!******!*****!***** * * * * *	*************** *! *!*****	

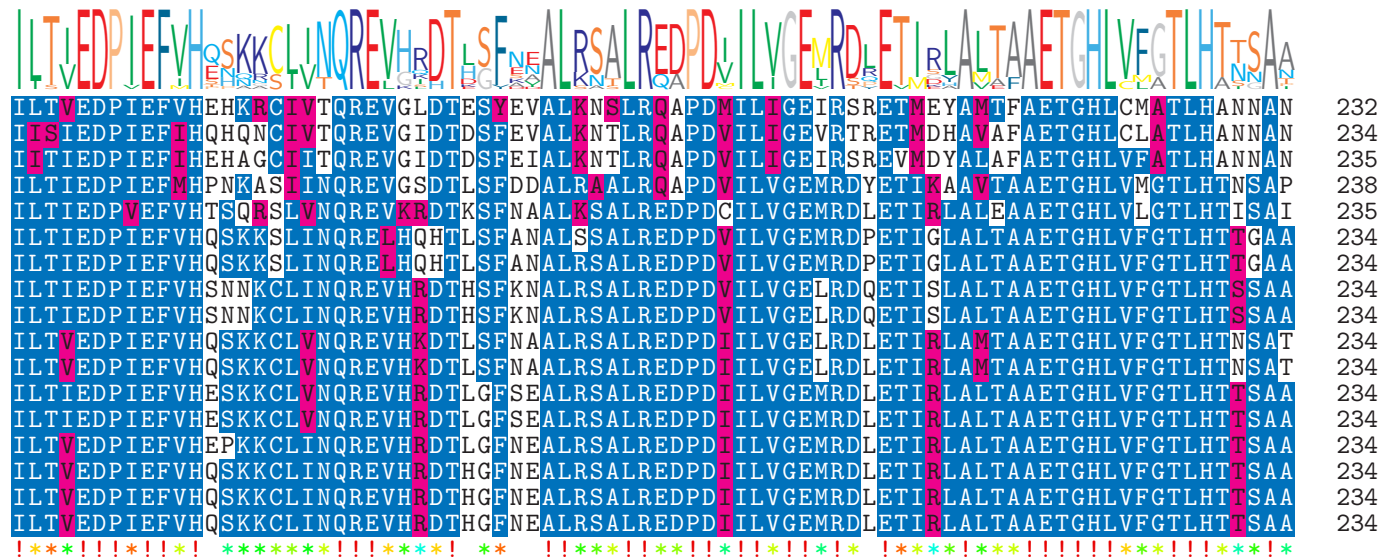
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NTDB id 1203 PSJM300 01605 AFN76401.1	RG.	I	GRFRVSAFYQRNL	AGMVLRR	IETNIPT	IEDLKL	PDVLKKL	ALT	154
NTDB id 1019 ACIAD RS04205 WP 004922051.1	REK	N	ERFRVSAFQQRDM	PGM	IRRIETKIP	SPDDL	HLPPIL	KEL	155
NTDB id 1307 DR RS10055 WP 010888596.1	.	G	KARFRVNAFMQR	GNVGGVMRLIPTIT	VRTIA	EMGLPQTVIDIAN	APRGLVLVTGPTGSGKSTTLA	SMIDHINTTKLH	158
NTDB id 44120 FTV RS00455 WP 003019818.1	RD	N	DARFRVNAFFHNR	GRGYGAVFR	LENTIPTLD	QFGAPRILKEVQAKK	GGLILVTGPTGSGKSSTLAALVNE	INH	155
NTDB id 1116 NGFG RS10615 WP 003690200.1	.	P	NVARFRVNAFNTGRGPAAVFR	TIPSTVLSLEELKAPSIFQKIAES	PRGMVLVTGPTGSGKSTTLAAMIN	YINETQPAH			154
NTDB id 1086 NMV RS00245 WP 002218487.1	.	P	NVARFRVNAFNI	GRGPAAVFR	TIPSTVLSLEELKAPSIFQKIAES	PRGMVLVTGPTGSGKSTTLAAMIN	YINETQPAH		154
NTDB id 1185 GTF74 RS11940 WP 000350195.1	.	P	NVGRFRVNAFHQARGCS	AVFRTIPTV	IP	TLEQLDAPEIFSKIANYEKGLVLVTGPTGSGKSTTLAAMVNV	NAH		154
NTDB id 1176 A1552VC RS01160 WP 000350195.1	.	P	NVGRFRVNAFHQARGCS	AVFRTIPTV	IP	TLEQLDAPEIFSKIANYEKGLVLVTGPTGSGKSTTLAAMVNV	NAH		154
NTDB id 1283 ACE17W RS02630 WP 010947729.1	.	A	NLARFRVNAFNAQSRGAAVFR	TIPSEILSMEDLGLPPIFKEMAS	FSRGLVLVTGPTGSGKSTTLAAVIDYINSSRYEH				154
NTDB id 1259 GC085 RS10305 WP 010947729.1	.	A	NLARFRVNAFNAQSRGAAVFR	TIPSEILSMEDLGLPPIFKEMAS	FSRGLVLVTGPTGSGKSTTLAAVIDYINSSRYEH				154
NTDB id 1202 PSJM300 01600 AFN76400.1	.	P	GVARFRVNAFNAQNRGAGAVFR	TIPSKVLTMEDLGMGEVFRKITD	VPRGLVLVTGPTGSGKSTTLAAMDYLNN	TKYHH			154
NTDB id 1194 PAKAF RS01995 WP 003084552.1	.	P	GVARFRVNAFNAQNRGAGAVFR	TIPSKVLTMEDLGMGEVFRKITD	VPRGLVLVTGPTGSGKSTTLAAMDYLNN	TKYHH			154
NTDB id 1020 ACIAD RS04210 WP 01182164.1	.	P	NLARFRVNVFNQNRGAGAVFR	TIPSKVLTLEELGLGKIFRDICDYPRGLVLVTGPTGSGKSTTLAAMDYLINN	HRYDH				154
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	.	P	NVARFRVNAFNAQNRGAGAVFR	TIPSKVLTMEDLGLGQIFKDICDYPRGIVLVTGPTGSGKSTTLAAMDYLIN	ENRYDH				154
NTDB id 1060 ABD1 RS04380 WP 000355489.1	.	P	NVARFRVNAFNAQNRGAGAVFR	TIPSKVLTMEDLGLGQIFKDICDYPRGIVLVTGPTGSGKSTTLAAMDYLIN	ENRYDH				154
NTDB id 1040 HON27 RS13360 WP 000355489.1	.	P	NVARFRVNAFNAQNRGAGAVFR	TIPSKVLTMEDLGLGQIFKDICDYPRGIVLVTGPTGSGKSTTLAAMDYLIN	ENRYDH				154
consensus		*****!!!!*!* * * * * *	*****	*****	*****	*****	*****	*****	*****

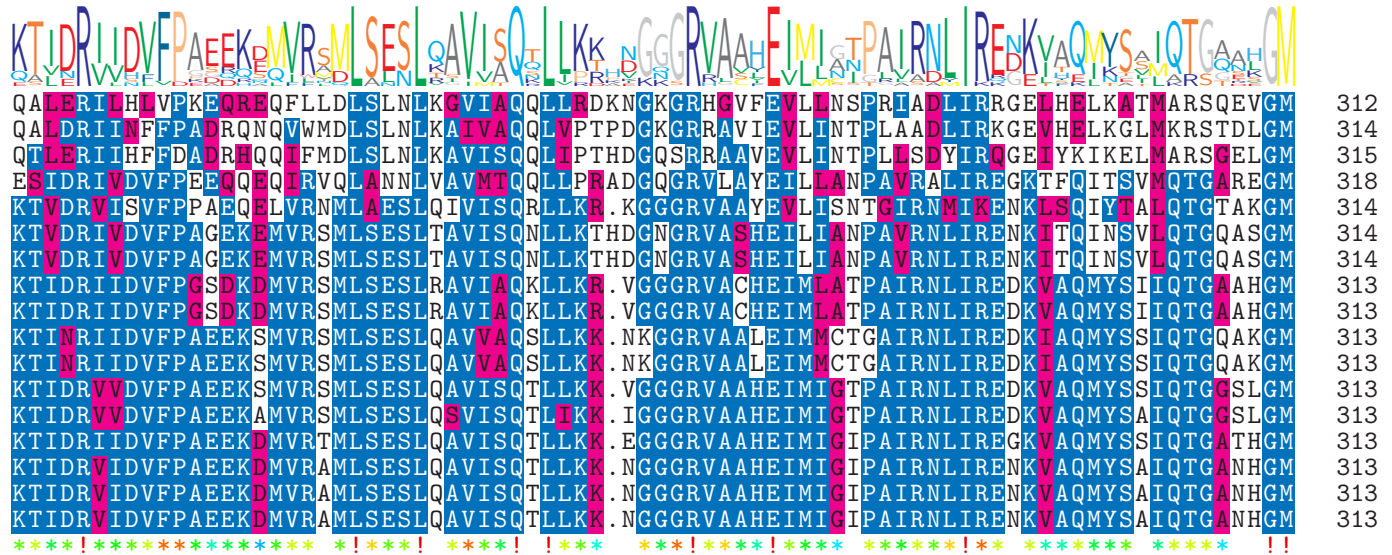
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NTDB id 44120 FTV RS00455 WP 003019818.1
NTDB id 1116 NGFG RS10615 WP 003690200.1
NTDB id 1086 NMV RS00245 WP 002218487.1
NTDB id 1185 GTF74 RS11940 WP 000350195.1
NTDB id 1176 A1552VC RS01160 WP 000350195.1
NTDB id 1283 ACE17W RS02630 WP 010947729.1
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NTDB id 1020 ACIAD RS04210 WP 011182164.1
NTDB id 1081 FDQ49 RS05335 WP 006581387.1
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NTDB id 1040 HON27 RS13360 WP 000355489.1
consensus

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NTDB id 1019 ACIAD RS04205 WP 004922051.1
NTDB id 1307 DR RS10055 WP 010888596.1
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NTDB id 1060 ABD1 RS04380 WP 000355489.1
NTDB id 1040 HON27 RS13360 WP 000355489.1
consensus



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NTDB id 1177 A1552VC RS01165 WP 000422572.1	QTFDQALYQLVVDKISEQDALHSADLANDRLMLKTK.RGDDY...GSGSLQNVKI.....DME.....	368
NTDB id 1203 PSJM300 01605 AFN76401.1	QTFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLG.SETDGEHLTSVS.QGLTL.....EMSDDDPGRSFR...	381
NTDB id 1019 ACIAD RS04205 WP 004922051.1	QTFDQALFDLYDHQHSYADALKHADSPNNLRLQIKLS.EEANKPLDNRRERMSEMER.....KMTFDGQRRNLK...	383
NTDB id 1307 DR RS10055 WP 010888596.1	VTMDAYLAGLFRHLITYDKGLERAIDPKEFARLANDASAGLGG.....ASMTPAAPPVPAYNASASSSSTGRGGDFGRGA	393
NTDB id 44120 FTV RS00455 WP 003019818.1	ATIEQSTIENLLKAGTITPEEAACYIVVR.....	342
NTDB id 1116 NGFG RS10615 WP 003690200.1	QTMDDQLQSLVRQGLIAPEAAARRRAQNSESMSF.....	347
NTDB id 1086 NMV RS00245 WP 002218487.1	QTMDDQLQSLVRQGLIAPEVARRRAQNSESMSF.....	347
NTDB id 1185 GTF74 RS11940 WP 000350195.1	QTMEQNAKQLIARGVVDQEVQSKIELDLKAF.....	345
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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
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NTDB id 1060 ABD1 RS04380 WP 000355489.1		345
NTDB id 1040 HON27 RS13360 WP 000355489.1		345
consensus		

- [X] non conserved
- [X] similar
- [X] ≥ 50% conserved