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NTDB id 1177 A1552VC RS01165 WP 000422572.1	MELNQYLDGMLTHKASDLYITVGA	PILYRVDGELRAQGEAL.SVADVTAL	LHAMMDARQA	EFKQ	TREANFAVVRD	75										
NTDB id 1203 PSJM300 01605 AFN76401.1	MEFEKLLRLMVEKGGSDLFITAGV	PPSMKVNGKILPVNKT	TPMSPEMTRET	VHGVMMNEQ	QRREFTENHECNFAISAR	76										
NTDB id 1019 ACIAD RS04205 WP 004922051.1	MDFNDLLNLMAKHKASDLFITAGV	EPSLKINGEITPVSKTKLDGDM	IAQLIDSITTQK	QRQEF	ETHECNFAILNR	76										
NTDB id 395102 GFB57 RS08520 WP 003027090.1	MNMEEIVALS	SVKHNVSDLHLCNAWPARWRRHGKVES...APFTAPD	VENLLMCWLSEQ	QQVQLQEQQ	IDFAVTLT	73										
NTDB id 1307 DR RS10055 WP 010888596.1	MTSGIDITDILRLAADKGASDITILAA	AGLPQFKLSG	YDAQGFEL	SASDTRKLMYS	MMNERQQRI	FEEREKRELD	SFALG	80								
NTDB id 1086 NMV RS00245 WP 002218487.1	MQITDLLAFGAKNKASDLHLSSG	ISPMIRVHGD	MRRINLP	PEMSAE	EVGNM	VTSMVNDHQRKI	YQQNLEVD	SFELP	76							
NTDB id 1116 NGFG RS10615 WP 003690200.1	MQITDLLAFGAKNKASDLHLSSG	ISPMIRVHGD	MRRINLP	PEMSAE	EVGNM	VTSMVNDHQRKI	YQQNLEVD	SFELP	76							
NTDB id 1185 GTF74 RS11940 WP 000350195.1	MDIAELLEFSVKHNASDLHLSAG	VPPMVRIDGE	VRKLG	VPAFTHSD	VHRLIFE	IMNDAQRSEYEEK	LEVDFS	SFELP	76							
NTDB id 1176 A1552VC RS01160 WP 000350195.1	MDIAELLEFSVKHNASDLHLSAG	VPPMVRIDGE	VRKLG	VPAFTHSD	VHRLIFE	IMNDAQRSEYEEK	LEVDFS	SFELP	76							
NTDB id 1283 ACE17W RS02630 WP 010947729.1	MDIAELLAFSVKNGSSDLHISAG	MPPMIRVDGLR	KNINLP	LEHKDV	IKI	IYD	IMNDRQRKE	YEEFFET	D	S	F	E	I	A	76	
NTDB id 1259 GC085 RS10305 WP 010947729.1	MDIAELLAFSVKNGSSDLHISAG	MPPMIRVDGLR	KNINLP	LEHKDV	IKI	IYD	IMNDRQRKE	YEEFFET	D	S	F	E	I	A	76	
NTDB id 1202 PSJM300 01600 AFN76400.1	MDITELLAFSAKQGGASDLHLSS	GLPPMIRVDG	DVRRINLP	PAMDHKQ	VHALIYD	IMNDKQRK	D	FEEFLET	D	S	F	E	V	P	76	
NTDB id 1194 PAKAF RS01995 WP 003084552.1	MDITELLAFSAKQGGASDLHLSA	GLPPMIRVDG	DVRRINLP	P	LEHKQ	VHALIYD	IMNDKQRK	D	FEEFLET	D	S	F	E	V	P	76
NTDB id 1020 ACIAD RS04210 WP 01182164.1	MDITELLAFSVQNRASDLHLSAG	IPPMIRVDG	EVRRINLP	PAMDHSE	VHNLIYD	IMNDKQR	R	DYEEKLET	D	S	F	E	V	P	76	
NTDB id 1060 ABD1 RS04380 WP 000355489.1	MDITELLAFSVKNGASDLHLSAG	MPPMIRVDG	EVRRINLP	PALEHKDV	HRLVYD	IMNDKQR	R	DYEEKLET	D	S	F	E	V	P	76	
NTDB id 1040 HON27 RS13360 WP 000355489.1	MDITELLAFSVKNGASDLHLSAG	MPPMIRVDG	EVRRINLP	PALEHKDV	HRLVYD	IMNDKQR	R	DYEEKLET	D	S	F	E	V	P	76	
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	MDITELLAFSVKNGASDLHLSAG	MPPMIRVDG	EVRRINLP	PALEHKDV	HRLVYD	IMNDKQR	R	DYEEKLET	D	S	F	E	V	P	76	
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NTDB id 1203 PSJM300 01605 AFN76401.1	G..TGRFRVSAFYQRNLAGMVLRRRIETNIPTIEDLKLDPDVLKKLALTKRGLVLFVGATGTGKSTSLAAMIGYRNKNSSGHI	155
NTDB id 1019 ACIAD RS04205 WP 004922051.1	EKNERFRVSAFYQRDMPCGMVIRRIETKIPSPDDLHLPLILKELAMSKRGIIIFSGATGTGKSTSLASMIQHRNQHSGKHI	156
NTDB id 395102 GFB57 RS08520 WP 003027090.1	D.SRRLRASAFVHLQGTSLALRLPLDCPHLDDLQPPAVIPELLHSENGLLVLTGATGSGKSTTLAAMVEYLNQHIIEGHI	152
NTDB id 1307 DR RS10055 WP 010888596.1	D.KARFRVNAFMQRGNVGGVMRLIPTTVRTIAEMGLPQTVIDIANAPRGLVLVTGPTGSGKSTTLASMIDHINTTKKLHI	159
NTDB id 1086 NMV RS00245 WP 002218487.1	N.VARFRVNAFNIGRGPAAVFRTIPSTVLSLEELKAPSIQKIAESPRGMVLVTGPTGSGKSTTLAAMINYINETQPAHI	155
NTDB id 1116 NGFG RS10615 WP 003690200.1	N.VARFRVNAFNTGRGPAAVFRTIPSTVLSLEELKAPSIQKIAESPRGMVLVTGPTGSGKSTTLAAMINYINETQPAHI	155
NTDB id 1185 GTF74 RS11940 WP 000350195.1	N.VGRFRVNAFHQARGCSAVFRTIPTVIPTLEQLDAPEIFSKIANYEKGLVLVTGPTGSGKSTTLAAMVNYNAHNNKHI	155
NTDB id 1176 A1552VC RS01160 WP 000350195.1	N.VGRFRVNAFHQARGCSAVFRTIPTVIPTLEQLDAPEIFSKIANYEKGLVLVTGPTGSGKSTTLAAMVNYNAHNNKHI	155
NTDB id 1283 ACE17W RS02630 WP 010947729.1	N.LARFRVNAFNQSRGAAAVFRTIPSEILSMEDLGLPPIFKEMASFSRGLVLVTGPTGSGKSTTLAAVIDYINSSRYEHI	155
NTDB id 1259 GC085 RS10305 WP 010947729.1	N.LARFRVNAFNQSRGAAAVFRTIPSEILSMEDLGLPPIFKEMASFSRGLVLVTGPTGSGKSTTLAAVIDYINSSRYEHI	155
NTDB id 1202 PSJM300 01600 AFN76400.1	G.VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGMGEVFRKITDVPRLVLVTGPTGSGKSTTLAAMDYLNNTKYHHI	155
NTDB id 1194 PAKAF RS01995 WP 003084552.1	G.VARFRVNAFNQNRGAGAVFRTIPSKVLTMEELGMGEVFRKRVSDVPRGLVLVTGPTGSGKSTTLAAMDYLNNTKYHHI	155
NTDB id 1020 ACIAD RS04210 WP 01182164.1	N.LARFRVNVFNQNRGAGAVFRTIPSKVLTLEELGLGKIFRDCIDYPRGLVLVTGPTGSGKSTTLAAMDYINNHRDYHI	155
NTDB id 1060 ABD1 RS04380 WP 000355489.1	N.VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDCIDYPRGITVLVTGPTGSGKSTTLAAMDYINENRYDHI	155
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NTDB id 1081 FDQ49 RS05335 WP 006581387.1	N.VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDCIDYPRGITVLVTGPTGSGKSTTLAAMDYINENRYDHI	155
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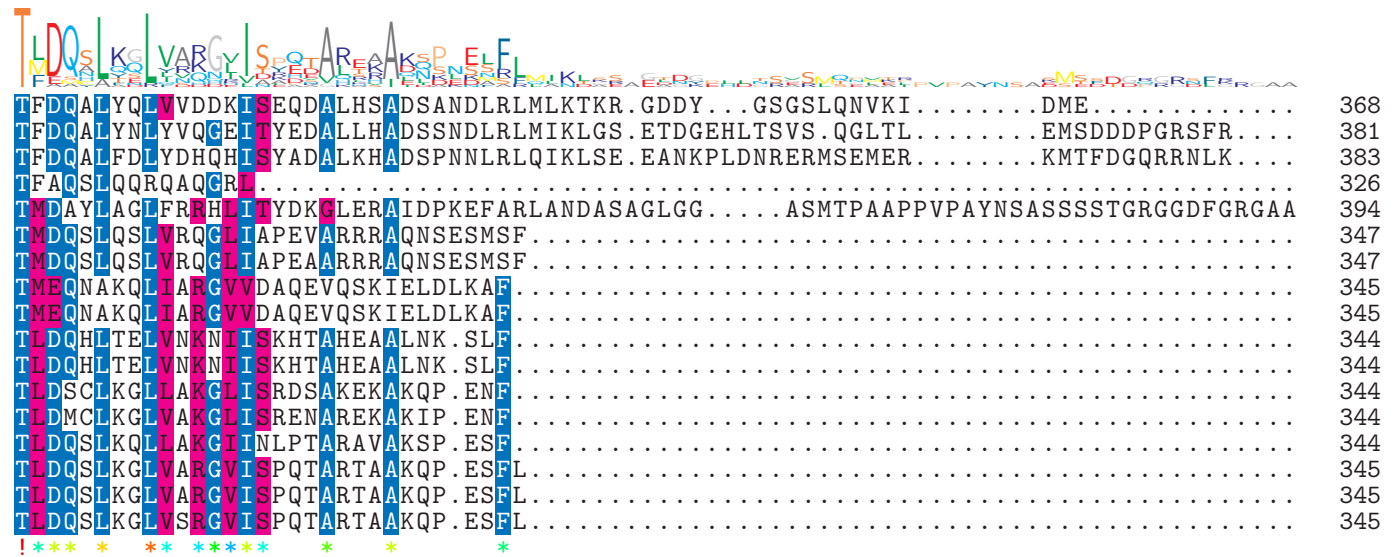
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consensus

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 381
 383
 326
 APATPAAPAAAGRSEPGRAGGFGRR 418
 347
 347
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 344
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 344
 344
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 345

-  non conserved
-  similar
-  $\geq 50\%$ conserved