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NTDB id 1177 A1552VC RS01165 WP 000422572.1	MELNQYLDGMLITHKASDLYITVGA	PILYRVDGELRAQGEAL.SVADVTAL	LHHAMDDARQA	EFGKQTR	EANFAVVRD	75						
NTDB id 1203 PSJM300 01605 AFN76401.1	MEFEKLLRLMVEKGGSDLFITAGV	PPSMKVNGKILPVNKT	PMSP	EMTRET	VHGV	MNEQQRREF	TENHECNFAISAR	76				
NTDB id 1019 ACIAD RS04205 WP 004922051.1	MDFNDLLNLMAKHKASDLFITAGV	EPSL	KINGEITPVSKTKL	DGDMIAQLIDSITTQKQRQEF	ETHECN	FAILNR	76					
NTDB id 412540 GJV84 RS04325 WP 016150970.1	MNMEEIVALS	SVKHNVS	SDLHL	CNAWPARWRRRGKVES...APFTTP	DVENLLMCWLSE	EQQQVQLQE	GGQIDFAVTLT	73				
NTDB id 1307 DR RS10055 WP 010888596.1	MTSGIDITDIILRLAADKGASDITILAA	GLPPQFKLSG	DYDAQGFEL	SASDTRKLMYS	MMNER	QQRIF	EFEKRELD	DFS	FALG	80		
NTDB id 1086 NMV RS00245 WP 002218487.1	MQITDLLAFGAKNKASDLHLSSG	ISPMIRVHGD	MRRINLP	EMSAE	EVGNM	VTSM	NDHQRKI	YQQN	LEVDFS	FELP	76	
NTDB id 1116 NGFG RS10615 WP 003690200.1	MQITDLLAFGAKNKASDLHLSSG	ISPMIRVHGD	MRRINLP	EMSAE	EVGNM	VTSM	NDHQRKI	YQQN	LEVDFS	FELP	76	
NTDB id 1185 GTF74 RS11940 WP 000350195.1	MDIAELLEFSVKHNASDLHL	SAGVPPMVR	IDGEVRKLG	VPAFTHSD	VHRLIFE	IMNDAQR	SEYEEK	LEVDFS	FELP	76		
NTDB id 1176 A1552VC RS01160 WP 000350195.1	MDIAELLEFSVKHNASDLHL	SAGVPPMVR	IDGEVRKLG	VPAFTHSD	VHRLIFE	IMNDAQR	SEYEEK	LEVDFS	FELP	76		
NTDB id 1283 ACE17W RS02630 WP 010947729.1	MDIAELLAFSVKNGSSDLHIS	SAGMPPMIR	VDGDLR	KNINLP	PLEHKDVI	KIYD	IMNDRQR	KEYEEF	FETDFS	FETIA	76	
NTDB id 1259 GC085 RS10305 WP 010947729.1	MDIAELLAFSVKNGSSDLHIS	SAGMPPMIR	VDGDLR	KNINLP	PLEHKDVI	KIYD	IMNDRQR	KEYEEF	FETDFS	FETIA	76	
NTDB id 1202 PSJM300 01600 AFN76400.1	MDITELLAFSAKQGGASDLHL	SSGLPPMIR	VDGDVRRINLP	PAMDHKQV	HALIYD	IMNDKQR	KDFEEF	LETDFS	FSEVP	76		
NTDB id 1194 PAKAF RS01995 WP 003084552.1	MDITELLAFSAKQGGASDLHL	SAGLPPMIR	VDGDVRRINLP	PLEHKQV	HALIYD	IMNDKQR	KDFEEF	LETDFS	FSEVP	76		
NTDB id 1020 ACIAD RS04210 WP 01182164.1	MDITELLAFSVQNRASDLHL	SAGIPPMIR	VDGEVRRINLP	PAMDHSEVHNLI	YD	IMNDKQR	RDYEEK	LETDFS	FSEVP	76		
NTDB id 1060 ABD1 RS04380 WP 000355489.1	MDITELLAFSVKNGASDLHL	SAGMPPMIR	VDGEVRRINLP	PALEHKD	VHRLVYD	IMNDKQR	RDYEEK	LETDFS	FSEVP	76		
NTDB id 1040 HON27 RS13360 WP 000355489.1	MDITELLAFSVKNGASDLHL	SAGMPPMIR	VDGEVRRINLP	PALEHKD	VHRLVYD	IMNDKQR	RDYEEK	LETDFS	FSEVP	76		
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	MDITELLAFSVKNGASDLHL	SAGMPPMIR	VDGEVRRINLP	PALEHKD	VHRLVYD	IMNDKQR	RDYEEK	LETDFS	FSEVP	76		
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NTDB id 1203 PSJM300 01605 AFN76401.1	G. I	GRFRVSAFYQRNL	AGMVLRR	IETNIPT	IEDLKL	PDVLKKL	ALT	KRGLVLVFGAT	GTGKST	SLAAMIGYRN	KNSSGHI	155			
NTDB id 1019 ACIAD RS04205 WP 004922051.1	EKNER	FRVSAFYQR	QDMPGMVIR	IETKIP	SPDDLHL	PPILKEL	AMSKRG	IIIFSGA	TGTGKST	SLASMI	QHRN	QHSKGHI	156		
NTDB id 412540 GJV84 RS04325 WP 016150970.1	D. S	RRLRASAFVHQ	GTSLALRL	LPLDCPH	LLD	LQPPA	VIPELLH	SENGLI	ILVTGAT	TGSGKSTT	LAA	MEYELN	QHIEGHI	152	
NTDB id 1307 DR RS10055 WP 010888596.1	D. K	ARFRVNAFMQR	GNVGGVMRL	IPITV	RTIA	EMGLP	QTVIDE	IANAP	RGLVLV	TGPTGSGKST	TLAAS	MIDHINTT	KKLHI	159	
NTDB id 1086 NMV RS00245 WP 002218487.1	N. V	ARFRVNAFNIGR	GPAAVFRT	IPSTV	LSLEEL	KAPSI	IFQKIA	ESPRGM	VLVTGPT	TGSGKSTT	LAA	MINYINET	QPAHI	155	
NTDB id 1116 NGFG RS10615 WP 003690200.1	N. V	ARFRVNAFNIGR	GPAAVFRT	IPSTV	LSLEEL	KAPSI	IFQKIA	ESPRGM	VLVTGPT	TGSGKSTT	LAA	MINYINET	QPAHI	155	
NTDB id 1185 GTF74 RS11940 WP 000350195.1	N. V	GRFRVNAFHQA	RGC	SAVFRT	IPITV	PTLEQL	DAPE	IFSKI	ANYEK	GLVLVTGPT	TGSGKSTT	LAA	VNYVNA	HHNKHI	155
NTDB id 1176 A1552VC RS01160 WP 000350195.1	N. V	GRFRVNAFHQA	RGC	SAVFRT	IPITV	PTLEQL	DAPE	IFSKI	ANYEK	GLVLVTGPT	TGSGKSTT	LAA	VNYVNA	HHNKHI	155
NTDB id 1283 ACE17W RS02630 WP 010947729.1	N. L	ARFRVNAFNQSR	GAAVFRT	IPSEIL	SMEDL	GLPPI	FKEM	ASFSR	RGLVLVTGPT	TGSGKSTT	LAA	VIDYIN	SSRYEHI	155	
NTDB id 1259 GC085 RS10305 WP 010947729.1	N. L	ARFRVNAFNQSR	GAAVFRT	IPSEIL	SMEDL	GLPPI	FKEM	ASFSR	RGLVLVTGPT	TGSGKSTT	LAA	VIDYIN	SSRYEHI	155	
NTDB id 1202 PSJM300 01600 AFN76400.1	G. V	ARFRVNAFNQNR	GAGAVFRT	IPSKV	LTMEDL	GMGEV	FRK	ITDVP	RGLVLVTGPT	TGSGKSTT	LAA	LDYLNNT	KYHHI	155	
NTDB id 1194 PAKAF RS01995 WP 003084552.1	G. V	ARFRVNAFNQNR	GAGAVFRT	IPSKV	LTMEEL	GMGEV	FRK	ITDVP	RGLVLVTGPT	TGSGKSTT	LAA	LDYLNNT	KYHHI	155	
NTDB id 1020 ACIAD RS04210 WP 01182164.1	N. L	ARFRVNVFNQNR	GAGAVFRT	IPSKV	LTLEEL	GLGK	IFR	DICDY	PRGLVLVTGPT	TGSGKSTT	LAA	LDYINN	HRDYHI	155	
NTDB id 1060 ABD1 RS04380 WP 000355489.1	N. V	ARFRVNAFNQNR	GAGAVFRT	IPSKV	LTMEDL	GLGQ	IFK	DICDY	PRGIVLVTGPT	TGSGKSTT	LAA	LDYINEN	RYDHI	155	
NTDB id 1040 HON27 RS13360 WP 000355489.1	N. V	ARFRVNAFNQNR	GAGAVFRT	IPSKV	LTMEDL	GLGQ	IFK	DICDY	PRGIVLVTGPT	TGSGKSTT	LAA	LDYINEN	RYDHI	155	
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	N. V	ARFRVNAFNQNR	GAGAVFRT	IPSKV	LTMEDL	GLGQ	IFK	DICDY	PRGIVLVTGPT	TGSGKSTT	LAA	LDYINEN	RYDHI	155	
consensus	*	***!*****	*	*	*****	*****	*	*	*	*****	*****	!!	*	!!	

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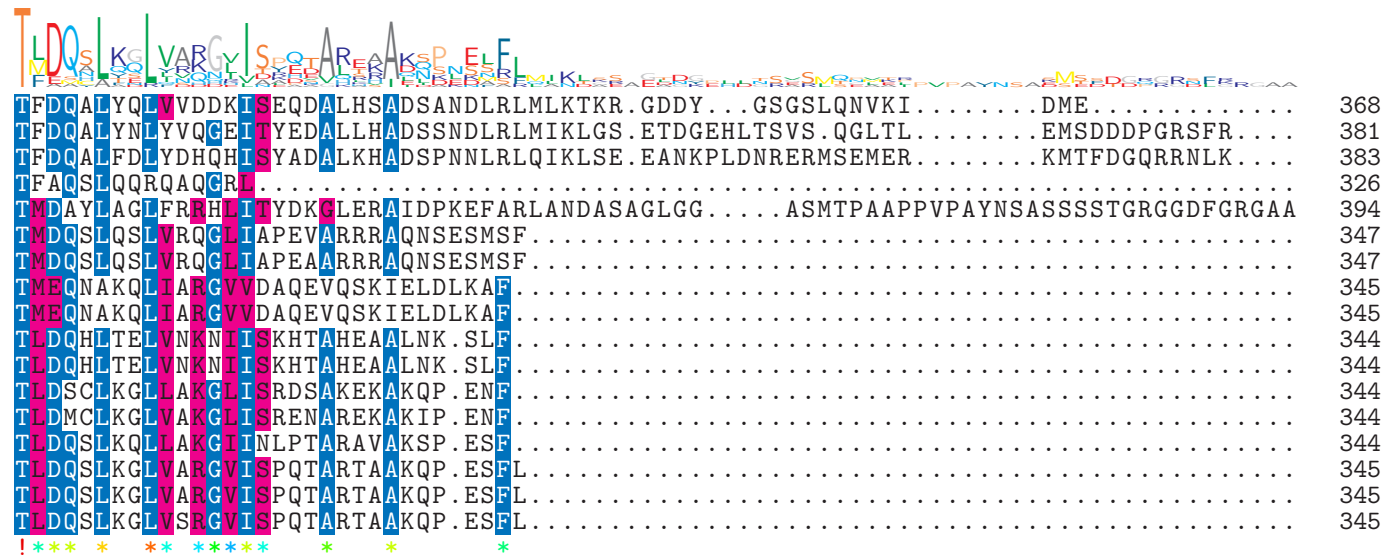
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consensus

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 381
 383
 326
 APATPAAPAAAGRSEPGRAGGFGRR 418
 347
 347
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 345
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 344
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- X non conserved
- X similar
- X $\geq 50\%$ conserved