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NTDB id 1177 A1552VC RS01165 WP 000422572.1	MELNQYLDGMLITHKASDLYITVGA	PILYRVDGELRAQGEAL.SVADVTAL	LHHAMDDARQAEEFKQ	TREANFAVVRD	75							
NTDB id 1203 PSJM300 01605 AFN76401.1	MEFEKLLRLMVEKGGSDLFITAGV	PPSMKVNGKILPVNKT	PMSPEMTRET	VHGMNEQQRREFTE	NHECNFAISAR	76						
NTDB id 1019 ACIAD RS04205 WP 004922051.1	MDFNDLLNLMAKHKASDLFITAGV	EPSLKINGEITPVSKTKLDGDM	IAQLIDSITTQKQRQEF	ETHECNFAILNR	76							
NTDB id 76697 H7R63 RS03765 WP 015369731.1	MELEEIVALS	SVKHNVSDLHCSAYPPRWRR	LGLKLE...PAPFTSPDV	EELTRWLN	DPQLAQWRADGQVDFALALS	73						
NTDB id 1307 DR RS10055 WP 010888596.1	MTSGIDITDIILRLAADKGASDITILAA	GLPPQFKLSGDYDAQGFEL	SASDTRKLMYS	MMNERQQRIF	EEREKRELD	DFS	FALG	80				
NTDB id 1086 NMV RS00245 WP 002218487.1	MQITDLLAFGAKNKASDLHLSSG	ISPMIRVHGD	MRRINLPEMSAE	EVGNM	VTSMNDHQR	KIYQQN	LEVDFS	FELP	76			
NTDB id 1116 NGFG RS10615 WP 003690200.1	MQITDLLAFGAKNKASDLHLSSG	ISPMIRVHGD	MRRINLPEMSAE	EVGNM	VTSMNDHQR	KIYQQN	LEVDFS	FELP	76			
NTDB id 1185 GTF74 RS11940 WP 000350195.1	MDIAELLEFSV	KHNASDLHLSAGVPPMVR	IDGEVRKLG	VPAFTHSDVHRL	LIFEIMNDAQ	RSEYEEK	LEVDFS	FELP	76			
NTDB id 1176 A1552VC RS01160 WP 000350195.1	MDIAELLEFSV	KHNASDLHLSAGVPPMVR	IDGEVRKLG	VPAFTHSDVHRL	LIFEIMNDAQ	RSEYEEK	LEVDFS	FELP	76			
NTDB id 1283 ACE17W RS02630 WP 010947729.1	MDIAELLAFSV	KNKSSDLHISAGMPPM	IRVDGLR	KINLPP	LEHKDV	IKI	IYD	IMNDRQR	KEYEEFF	FETDFS	FEIA	76
NTDB id 1259 GC085 RS10305 WP 010947729.1	MDIAELLAFSV	KNKSSDLHISAGMPPM	IRVDGLR	KINLPP	LEHKDV	IKI	IYD	IMNDRQR	KEYEEFF	FETDFS	FEIA	76
NTDB id 1202 PSJM300 01600 AFN76400.1	MDITELLAFSA	KQGASDLHLSSGL	PPMIRVDG	DVRRINL	PAMDHKQ	VHALIYD	IMNDKQR	KDFEE	FLETDFS	SFEVP	76	
NTDB id 1194 PAKAF RS01995 WP 003084552.1	MDITELLAFSA	KQGASDLHLSSGL	PPMIRVDG	DVRRINL	PAMDHKQ	VHALIYD	IMNDKQR	KDFEE	FLETDFS	SFEVP	76	
NTDB id 1020 ACIAD RS04210 WP 01182164.1	MDITELLAFSV	QNRASDLHLSAG	IPPMIRVDG	EVRRINL	PAMDHSE	VHNL	IYD	IMNDKQR	RDYEEK	LETDFS	SFEVP	76
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	MDITELLAFSV	KNKASDLHLSAGMPPM	IRVDGEVRRINL	PALEHKD	VHRLVYD	IMNDKQR	RDYEEK	LETDFS	SFEVP	76		
NTDB id 1060 ABD1 RS04380 WP 000355489.1	MDITELLAFSV	KNKASDLHLSAGMPPM	IRVDGEVRRINL	PALEHKD	VHRLVYD	IMNDKQR	RDYEEK	LETDFS	SFEVP	76		
NTDB id 1040 HON27 RS13360 WP 000355489.1	MDITELLAFSV	KNKASDLHLSAGMPPM	IRVDGEVRRINL	PALEHKD	VHRLVYD	IMNDKQR	RDYEEK	LETDFS	SFEVP	76		
consensus	***	*****	*!*****	*****	*****	*	*	*	*****	*****	*	*!*****

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	. .	SGRFRVSAFFQRELP	CAVIRRIETRIPT	FEELKLPEVLQNL	LAIAK	RGLVLVVGAT	TGSGKSTT	MAAMTGYRN	QHR	TGHI	153		
NTDB id 1203 PSJM300 01605 AFN76401.1	G. I	GRFRVSAFYQRNLAGMVLRR	IETNIPT	IEDLKL	PDVLKKL	LALTKRGLVL	FVGATGT	TGKSTSLAAM	IGYRN	KNSSGHI	155		
NTDB id 1019 ACIAD RS04205 WP 004922051.1	EKNERFRVSAFQ	QRDMPGMVIRRIETKIP	SPDDLHL	PPILKEL	AMSKRG	IIIFSGA	TGT	TGKSTSLASMI	QHRN	NQHSKGHI	156		
NTDB id 76697 H7R63 RS03765 WP 015369731.1	D. G	PRLRASAFAHARGLSLALRL	PQRCPLGLG	APAA	SELLNEESGL	ILVTGAT	TGSGKSTTLAAM	VDYLN	QHRH	GHI	152		
NTDB id 1307 DR RS10055 WP 010888596.1	D. K	ARFRVNAFMQRGNVGGVMRLIPT	TVRTIA	EMGLPQT	VIDIAN	APRGLVL	VTGPT	TGSGKSTTLAS	MIDHINT	TKLHI	159		
NTDB id 1086 NMV RS00245 WP 002218487.1	N. V	ARFRVNAFNIGRGPAA	VFRTIPST	VL	SLEELKAPS	IFQKIA	ESPRGM	VLVTGPT	TGSGKSTTLAAM	INYINET	QPAHI	155	
NTDB id 1116 NGFG RS10615 WP 003690200.1	N. V	ARFRVNAFNITGRGPA	AVFRTIPST	VL	SLEELKAPS	IFQKIA	ESPRGM	VLVTGPT	TGSGKSTTLAAM	INYINET	QPAHI	155	
NTDB id 1185 GTF74 RS11940 WP 000350195.1	N. V	GRFRVNAFHQARGCS	AVFRTIPT	VIPT	LEQLDA	PEIFSKI	IANYEK	GLVLVTGPT	TGSGKSTTLAAM	VNYVNA	HNNKHI	155	
NTDB id 1176 A1552VC RS01160 WP 000350195.1	N. V	GRFRVNAFHQARGCS	AVFRTIPT	VIPT	LEQLDA	PEIFSKI	IANYEK	GLVLVTGPT	TGSGKSTTLAAM	VNYVNA	HNNKHI	155	
NTDB id 1283 ACE17W RS02630 WP 010947729.1	N. L	ARFRVNAFNQSRGAA	AVFRTIPSE	ILSMED	LGLPPI	FKEMAS	FSRGLVL	VTGPT	TGSGKSTTLAAM	VIDYIN	SSRYEHI	155	
NTDB id 1259 GC085 RS10305 WP 010947729.1	N. L	ARFRVNAFNQSRGAA	AVFRTIPSE	ILSMED	LGLPPI	FKEMAS	FSRGLVL	VTGPT	TGSGKSTTLAAM	VIDYIN	SSRYEHI	155	
NTDB id 1202 PSJM300 01600 AFN76400.1	G. V	ARFRVNAFNQNRGAG	AVFRTIPSK	VL	TMEDLGMGEV	FRKITD	VPRGLVL	VTGPT	TGSGKSTTLAAM	DYLNNT	KYHHI	155	
NTDB id 1194 PAKAF RS01995 WP 003084552.1	G. V	ARFRVNAFNQNRGAG	AVFRTIPSK	VL	TMEDLGMGEV	FRKITD	VPRGLVL	VTGPT	TGSGKSTTLAAM	DYLNNT	KYHHI	155	
NTDB id 1020 ACIAD RS04210 WP 01182164.1	N. L	ARFRVNVFNQNRGAG	AVFRTIPSQ	VL	TLEELGLGKIF	RDICDY	PRGLVL	VTGPT	TGSGKSTTLAAM	DYINN	HRDYHI	155	
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	N. V	ARFRVNAFNQNRGAG	AVFRTIPSK	VL	TMEDLGLGQ	IFKD	ICDYPRG	IVLVTGPT	TGSGKSTTLAAM	DYINEN	RYDHI	155	
NTDB id 1060 ABD1 RS04380 WP 000355489.1	N. V	ARFRVNAFNQNRGAG	AVFRTIPSK	VL	TMEDLGLGQ	IFKD	ICDYPRG	IVLVTGPT	TGSGKSTTLAAM	DYINEN	RYDHI	155	
NTDB id 1040 HON27 RS13360 WP 000355489.1	N. V	ARFRVNAFNQNRGAG	AVFRTIPSK	VL	TMEDLGLGQ	IFKD	ICDYPRG	IVLVTGPT	TGSGKSTTLAAM	DYINEN	RYDHI	155	
consensus	*	***!*****	*	*	*****	*****	*****	*	*	*	*****	*****	!!

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NTDB id 1307 DR RS10055 WP 01088596.1
NTDB id 1086 NMV RS00245 WP 002218487.1
NTDB id 1116 NGFG RS10615 WP 003690200.1
NTDB id 1185 GTF74 RS11940 WP 000350195.1
NTDB id 1176 A1552VC RS01160 WP 000350195.1
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NTDB id 1081 FDQ49 RS05335 WP 006581387.1
NTDB id 1060 ABD1 RS04380 WP 000355489.1
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consensus

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NTDB id 1040 HON27 RS13360 WP 000355489.1
consensus

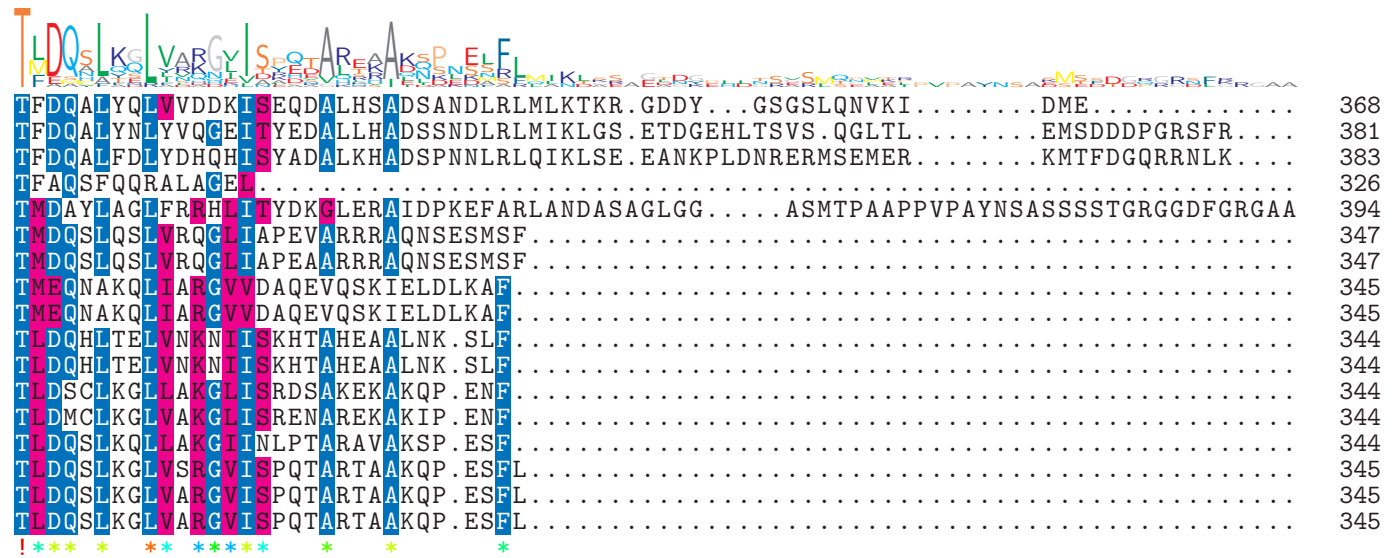
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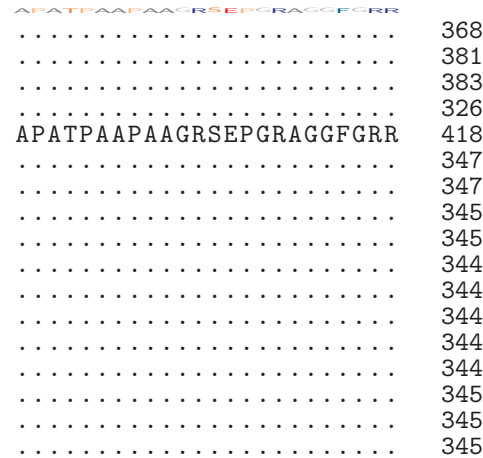
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consensus

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NTDB id 1081 FDQ49 RS05335 WP 006581387.1
NTDB id 1060 ABD1 RS04380 WP 000355489.1
NTDB id 1040 HON27 RS13360 WP 000355489.1
consensus



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