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NTDB id 1177 A1552VC RS01165 WP 000422572.1	MELNQYLDGMLITHKASDLYITVGA	PILYRVDGELRAQGEAL.SVADVTAL	LHAMMDARQA	EFGKQ	TREANFAVVRD	75							
NTDB id 1203 PSJM300 01605 AFN76401.1	MEFEKLLRLMVEKGGSDLFITAGV	PPSMKVNGKILPVNKT	MPSEMTRET	VHGV	MNEQQRREFTENHECNFAISAR	76							
NTDB id 1019 ACIAD RS04205 WP 004922051.1	MDFNDLLNLMAKHKASDLFITAGV	EPSLKINGEITPVSKTK	LDGDMIAQLIDSITTQ	KQRQEF	ETHECNFAILNR	76							
NTDB id 348900 WN16 RS23410 WP 044700841.1	MNMEEIVALS	SVKHNVSDHLHCNAWPARWRR	RKGVES...APFTTPD	VENLLMCWLSE	EQQQVQLQEQGGQIDFAVTLT	73							
NTDB id 1307 DR RS10055 WP 010888596.1	MTSGIDITDILRLAADKGASDITILAA	GLPPQFKLSG	DYDAQGFEL	SASDTRKLMYS	MNMNERQQRI	FEKKRELEDFSFALG	80						
NTDB id 1086 NMV RS00245 WP 002218487.1	MQITDLLAFGAKNKASDLHLSSG	ISPMIRVHGD	MRRINLPEMSAE	EVGNM	VTSVMNDHQRKIYQQNLEV	DFSFLP	76						
NTDB id 1116 NGFG RS10615 WP 003690200.1	MQITDLLAFGAKNKASDLHLSSG	ISPMIRVHGD	MRRINLPEMSAE	EVGNM	VTSVMNDHQRKIYQQNLEV	DFSFLP	76						
NTDB id 1185 GTF74 RS11940 WP 000350195.1	MDIAELLEFSVKHNASDLHLSAG	VPPMVRIDG	EVRLKGVPAFTHSD	VHRLIFE	IMNDAQRSEYE	EKKLEVDFSFLP	76						
NTDB id 1176 A1552VC RS01160 WP 000350195.1	MDIAELLEFSVKHNASDLHLSAG	VPPMVRIDG	EVRLKGVPAFTHSD	VHRLIFE	IMNDAQRSEYE	EKKLEVDFSFLP	76						
NTDB id 1283 ACE17W RS02630 WP 010947729.1	MDIAELLAFSVKNGSSDLHISAG	MPPMIRVDGDLR	KNINLP	P	LEHKDVIKI	IYD	IMNDRQRKEYEEFFETDFSFEIA	76					
NTDB id 1259 GC085 RS10305 WP 010947729.1	MDIAELLAFSVKNGSSDLHISAG	MPPMIRVDGDLR	KNINLP	P	LEHKDVIKI	IYD	IMNDRQRKEYEEFFETDFSFEIA	76					
NTDB id 1202 PSJM300 01600 AFN76400.1	MDITELLAFSAKQGGASDLHLSSG	LPPMIRVDGDVRRINLP	PAMDHKQV	HALIYD	IMNDKQRK	DFEEFLETDFSFEVP	76						
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NTDB id 1060 ABD1 RS04380 WP 000355489.1	MDITELLAFSVKNGASDLHLSAG	MPPMIRVDGEVRRINLP	PALEHKDVHRLVYD	IMNDKQR	RDYEKKLETDFSFEVP	76							
NTDB id 1040 HON27 RS13360 WP 000355489.1	MDITELLAFSVKNGASDLHLSAG	MPPMIRVDGEVRRINLP	PALEHKDVHRLVYD	IMNDKQR	RDYEKKLETDFSFEVP	76							
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	MDITELLAFSVKNGASDLHLSAG	MPPMIRVDGEVRRINLP	PALEHKDVHRLVYD	IMNDKQR	RDYEKKLETDFSFEVP	76							
consensus	***	*****	*!*****	*****	*****	*	*	*	*	*****	*****	*	*!*****

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	NVARFRVNAF	NQNRGAGAVERT	PSYLT	EDLGLP	IFKKIA	RGVLV	TGPTGSGKST	TLAAM	YIN	HR	HI	153
NTDB id 1203 PSJM300 01605 AFN76401.1	GIGRFRVSAFYQRNLAGMVL	RIETNIPTIEDL	KLPDVLKKL	ALT	TKRGLV	LVFGATGTGKST	SLAAM	IGYRN	KNSSGHI			155
NTDB id 1019 ACIAD RS04205 WP 004922051.1	EKNERFRVSAFYQRDMPG	MVIRRIETKIPSPDDL	HLPPI	LKELAMSKRG	IIIFSGATGTGKST	SLASMI	QHRN	QHSKGHI				156
NTDB id 348900 WN16 RS23410 WP 044700841.1	D.SRRLRASAFVHQGTSLALRL	LPLDCPHLDD	LQPPA	VIPELLHSENG	LILVTGATGSGKST	TLAAMVEY	LNQHI	EGHI				152
NTDB id 1307 DR RS10055 WP 010888596.1	D.KARFRVNAFMQRGNV	GGVMRLIPTT	VRTIAEMGLPQT	VIDIANAPRGLV	LVLTGPTGSGKST	TLASMI	DHINTT	KKLHI				159
NTDB id 1086 NMV RS00245 WP 002218487.1	N.VARFRVNAFNI	GRGPA	AAVFRTIPSTVLS	LEELKAPSIFQKIA	ESPRGMVLVTGPTGSGKST	TLAAMIN	YIN	ETQPAHI				155
NTDB id 1116 NGFG RS10615 WP 003690200.1	N.VARFRVNAFNT	TGRGPA	AAVFRTIPSTVLS	LEELKAPSIFQKIA	ESPRGMVLVTGPTGSGKST	TLAAMIN	YIN	ETQPAHI				155
NTDB id 1185 GTF74 RS11940 WP 000350195.1	N.VGRFRVNAFHQARGCS	AVFRTIPTV	IPTLEQLDAPE	IFSKIANYEKGLV	LVLTGPTGSGKST	TLAAMVNYV	NAH	NKH				155
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NTDB id 1283 ACE17W RS02630 WP 010947729.1	N.LARFRVNAFNQSRGA	AAVFRTIPSEILSMED	LGLPPIFKEMAS	FSRGLV	LVLTGPTGSGKST	TLAAVIDY	INSSRY	YEHI				155
NTDB id 1259 GC085 RS10305 WP 010947729.1	N.LARFRVNAFNQSRGA	AAVFRTIPSEILSMED	LGLPPIFKEMAS	FSRGLV	LVLTGPTGSGKST	TLAAVIDY	INSSRY	YEHI				155
NTDB id 1202 PSJM300 01600 AFN76400.1	G.VARFRVNAFNQNRGAGAV	FRTIPSKVLTMED	LGMGEVFRKITD	VPRGLV	LVLTGPTGSGKST	TLAAML	DYLN	NNTKYHHI				155
NTDB id 1194 PAKAF RS01995 WP 003084552.1	G.VARFRVNAFNQNRGAGAV	FRTIPSKVLTMED	LGMGEVFRKITD	VPRGLV	LVLTGPTGSGKST	TLAAML	DYLN	NNTKYHHI				155
NTDB id 1020 ACIAD RS04210 WP 01182164.1	N.LARFRVNVFNQNRGAGAV	FRTIPSKVLTLEEL	LGLGKIFRD	ICDYPRGLV	LVLTGPTGSGKST	TLAAML	DYINN	HR				155
NTDB id 1060 ABD1 RS04380 WP 000355489.1	N.VARFRVNAFNQNRGAGAV	FRTIPSKVLTMED	LGLGQIFKD	ICDYPRG	IVLV	TGPTGSGKST	TLAAML	DYIN				155
NTDB id 1040 HON27 RS13360 WP 000355489.1	N.VARFRVNAFNQNRGAGAV	FRTIPSKVLTMED	LGLGQIFKD	ICDYPRG	IVLV	TGPTGSGKST	TLAAML	DYIN				155
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consensus	*	***!*****	*	*	*****	*****	*	*	*	*****	*****	!!

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consensus

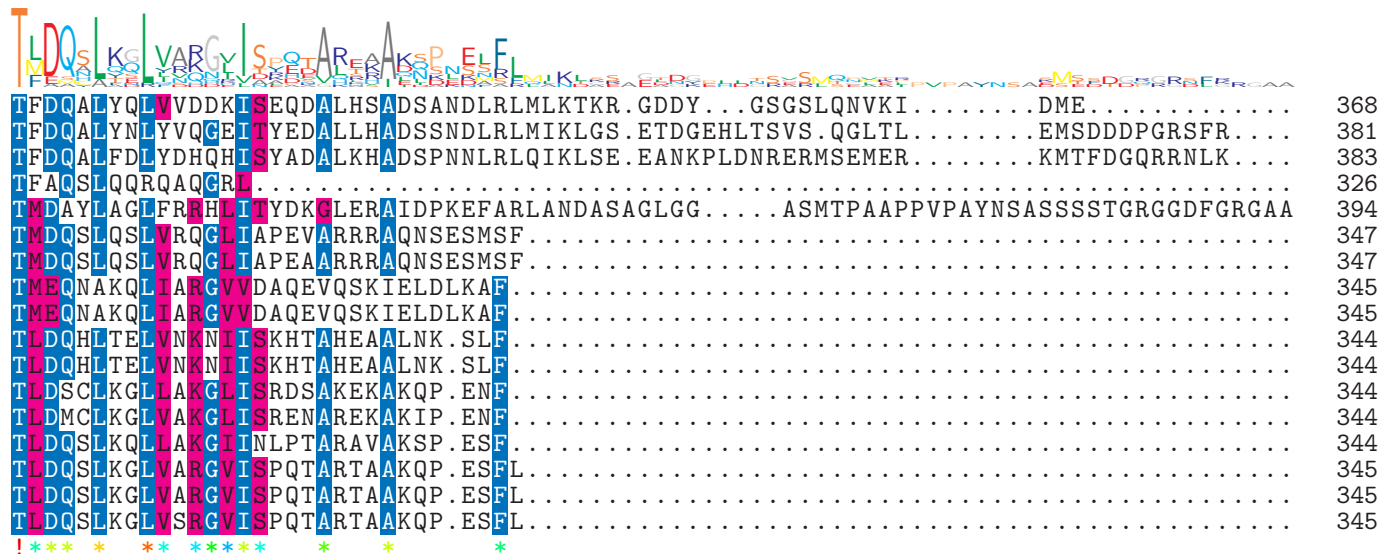
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consensus

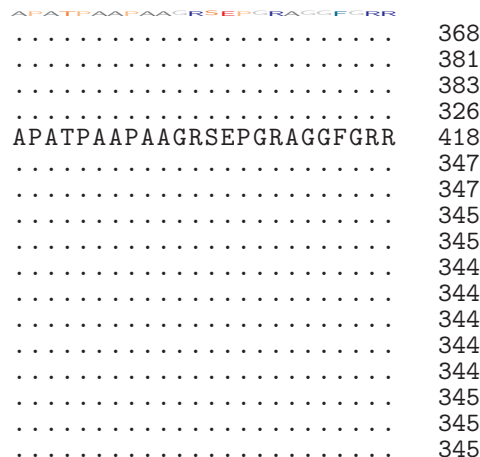
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NTDB id 1040 HON27 RS13360 WP 000355489.1
NTDB id 1081 FDQ49 RS05335 WP 006581387.1
consensus

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-  non conserved
-  similar
-  >50% conserved