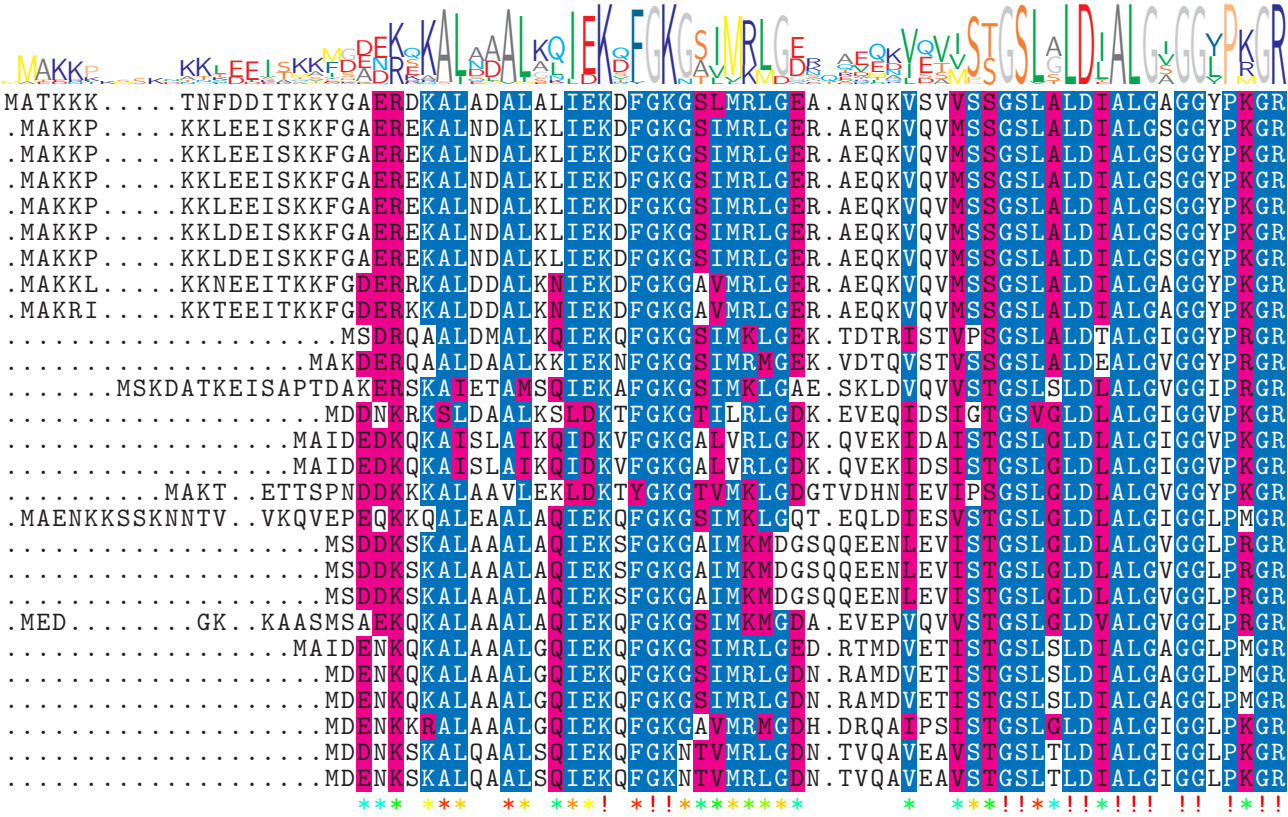


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NTDB id 159 SP RS09750 WP 001085462.1
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NTDB id 1022 ACIAD RS06390 WP 004925639.1
NTDB id 1074 ABD1 RS10195 WP 000344167.1
consensus



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consensus

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NTDB id 600 KW2 RS01765 WP 011675413.1	DEKIGQGA	EKAKNYLKEHQDV	DEIDHKVRAAHG	LDDSEVAETEEETT	ASKTKAKAKKEEK	AVETEEIELELED		387
NTDB id 269 KZH43 RS08665 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTEN	KKDE....PKKEEA	.VNEEVPLDLGDE	LEIE	385
NTDB id 228 SPD RS09265 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTEN	KKDE....PKKEEA	.VNEEVPLDLGDE	LEIE	385
NTDB id 194 SPR RS08825 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTEN	KKDE....PKKEEA	.VNEEVPLDLGDE	LEIE	385
NTDB id 159 SP RS09750 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTEN	KKDE....PKKEEA	.VNEEVPLDLGDE	LEIE	385
NTDB id 527 SMSK321 RS11065 WP 001085454.1	DEKIGQGS	ENAKKYLAADNPEV	FAEIDHQVRVQFGL	IDGEEAAE....SK	KDE....VAQVDS	.VNEEVTLDLGDE	LEIE	381
NTDB id 499 SM12261 RS08315 WP 078228268.1	DEKIGQGS	ENAKKYLAADNPEIF	DEIDHQVRVQFGL	IDGEEIAE....SK	KDE....AAQVDS	.VNEEVTLDLGDE	LEIE	381
NTDB id 453 Spy49 1753c ACI62003.1	GEKIGQGS	ENAKRYLADHPQLF	DEIDRKVRVKFGL	LEESEEEESAMAV	ASE.....E.....	TDDLALDLDN	GIEIE	377
NTDB id 408 SMU RS09530 WP 002262392.1	GEKIGQGS	ENAKKFLADNPEIF	DDIDHKVRVQYGL	IEEDNTEEEKQSS	KEK.....ETDEK	.ADKNLVLELDD	TIELE	382
NTDB id 115 BSU 16940 NP 389576.2	EE	RLGQGREN	AKQFLKENKDIM	LMIQEQIREHYGL	DNNGVVQQAEET	QEEL.EFE.E.....		348
NTDB id 625 LCA RS02525 WP 011374196.1	SERIGQGS	ENAKNYLADHEDVE	DEVRLKVRVQYGL	ISDVPEEDLPTTE	DE.QI.NILPDDST	EE.....		355
NTDB id 1313 DR RS12030 WP 010888966.1	DERIGQGS	KEKTIAIYIAERPE	MEQEIRDRVMAA	IRAGNAGEAPALA	PAPAA.PEAAEA			363
NTDB id 1245 Cj1673c YP 002345041.1	DK	KLGGGREN	SKAFLKENPEIA	DEITKAIQNSMG	IEGMISGSEDDE	.GE.E.....		343
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NTDB id 1211 C694 RS00795 WP 000963128.1	DK	KLGGGREN	AKALLKEDKAL	ADEITLKIKESIG	SNEEIMPLPDEP	.LE.EME.....		347
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NTDB id 1389 A4U84 RS07560 WP 021112712.1	GT	KIGQGK	NNAVKWLKENPEI	ADKLEQEIRNTL	ASNPNSVLKATAS	.D...SNDES	DVEEFSEEE..L.....	372
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NTDB id 1124 NGFG RS03960 WP 003688695.1	GAKIGQGK	DNVRVWLKENPEI	SDEIDAKIRALNG	VEMHITEGTQDE	.TD.....GERPEE			348
NTDB id 1123 OK783 RS03845 WP 003688695.1	GAKIGQGK	DNVRVWLKENPEI	SDEIDAKIRALNG	VEMHITEGTQDE	.TD.....GERPEE			348
NTDB id 1427 RS RS02760 WP 011000510.1	GE	RIGQGRD	NCREFLRENAEL	AREIENKVRHL	GVTPMGAVTLAE	E..VE.ED.....		352
NTDB id 361725 FDK25 RS05920 WP 002914769.1	GD	KIGQGGKAN	AITWLKENPAAAK	EIEKKVRELLLN	NQDAKPD..FV..	VD.GNDAEETE	QDF.....	352
NTDB id 1165 A1552VC RS01565 WP 000344154.1	GD	KIGQGGKAN	ACKYLLKENPEI	AKTLDKKLREML	LNPNENMQLI..	AE.....TSSA	ADDVEFGAVPEEF	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	GD	KIGQGGKAN	ACKYLLKENPEI	AKTLDKKLREML	LNPNENMQLI..	AE.....TSSA	ADDVEFGAVPEEF	354
NTDB id 1205 PSJM300 05545 AFN77183.1	GSKIGQGG	KANAAYLEENPEI	GQIEEQIRAKLL	VSANTKA..TP..	VA.EDLADADI			347
NTDB id 1022 ACIAD RS06390 WP 004925639.1	GN	KIGQGGK	NNVIRYLEENPQ	ISTEIEAVIREQL	LTKASDQTA..A...	HD.ETEEEPDL	LLES.....	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	GN	KIGQGGK	NNVIRYFEENN	QIAEEIERNIREQL	LTGTNGAV..Q...I..	EDEEEDPDL	LLES.....	349
consensus		***!!!*****	***	*****	*****	***	***	

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NTDB id 1022 ACIAD RS06390 WP 004925639.1	...	349	
NTDB id 1074 ABD1 RS10195 WP 000344167.1	...	349	
consensus			

-  non conserved
-  similar
-  ≥ 50% conserved