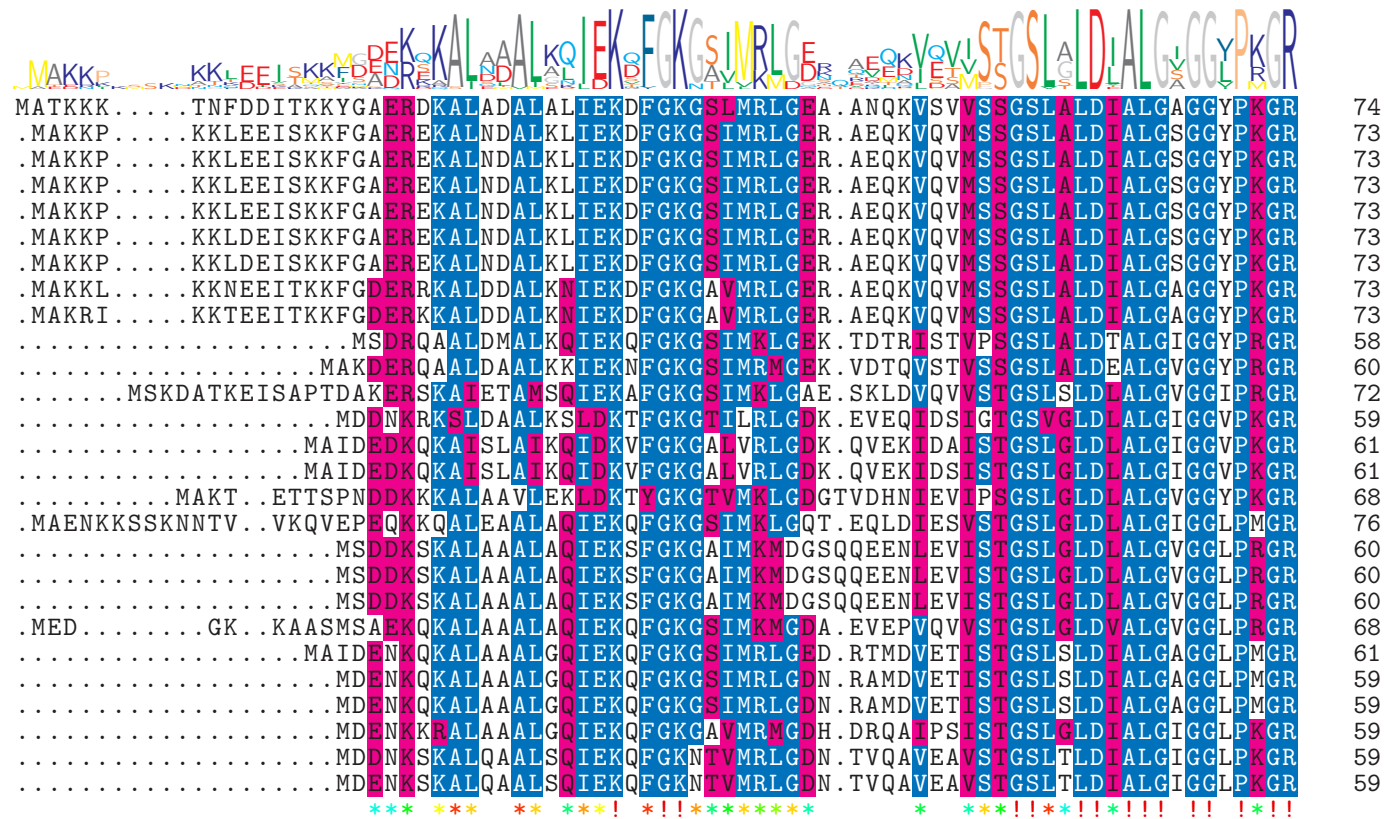


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NTDB id 159 SP RS09750 WP 001085462.1
NTDB id 527 SMSK321 RS11065 WP 001085454.1
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NTDB id 1389 A4U84 RS07560 WP 021112712.1
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NTDB id 1074 ABD1 RS10195 WP 000344167.1
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....SKKDE	VAQVDS	.VNEEVTLDLGDE	LEIE	381
NTDB id 499 SM12261 RS08315 WP 078228268.1	DEKIGQGS	ENAKKYLAADNPEIF	DEIDHQVRVQFGL	IDGEEIAE....SKKDE	AAQVDS	.VNEEVTLDLGDE	LEIE	381
NTDB id 453 Spy49 1753c ACI62003.1	GEKIGQGS	ENAKRYLADHPQLF	DEIDRKVRVKFGL	LEESEEEESAMAVASE	E.....	TDDLALDLDNGIE	IEIE	377
NTDB id 408 SMU RS09530 WP 002262392.1	GEKIGQGS	ENAKKFLADNPEIF	DDIDHKVRVQYGL	IEEDNTEEEKQSSKEK	ETDEK	.ADKNLVLELDDT	TIELE	382
NTDB id 115 BSU 16940 NP 389576.2	EERLGGQREN	AKQFLKENKDIM	LMIQEQIREHYGL	DNNGVVQQAEETQEEL	EFE.E.....			348
NTDB id 625 LCA RS02525 WP 011374196.1	SERIGQGS	ENAKNYLADHEDVE	DEVRLKVRAAYG	ISDVPPEEDLPTTEDE	.QI.NILPDDST	EE.....		355
NTDB id 1313 DR RS12030 WP 010888966.1	DERIGQGS	KEKTIAIYIAERPE	MEQEIRDRVMAA	IRAGNAGEAPALAPAPAA	.PEAAEA.....			363
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NTDB id 1214 NCTC11637 00359 SQJ03206.1	DKKLGGQGR	ENAKALLKEDKAL	ADEITLKIKESIG	SNEEIMPLPDEP	.LE.EME.....			347
NTDB id 1211 C694 RS00795 WP 000963128.1	DKKLGGQGR	ENAKALLKEDKAL	ADEITLKIKESIG	SNEEIMPLPDEP	.LE.EME.....			347
NTDB id 1334 RAOC RS04870 WP 004918236.1	DTKLGGQR	DTVKELIKDNPELA	EELAKIREKLQAK					343
NTDB id 1389 A4U84 RS07560 WP 021112712.1	GTKIGQGS	KNNAVKWLKENPEI	ADKLEQEIRNTL	ASNPNSVLKATAS	.D...SNDES	DVEEFSEEE..L.....		372
NTDB id 1130 NGFG RS03960 WP 003688695.1	GAKIGQGS	KDNVRVWLKENPEI	SDEIDAKIRALNG	VEMHITEGTQDE	.TD.....GERPEE			348
NTDB id 1124 NGFG RS03960 WP 003688695.1	GAKIGQGS	KDNVRVWLKENPEI	SDEIDAKIRALNG	VEMHITEGTQDE	.TD.....GERPEE			348
NTDB id 1123 OK783 RS03845 WP 003688695.1	GAKIGQGS	KDNVRVWLKENPEI	SDEIDAKIRALNG	VEMHITEGTQDE	.TD.....GERPEE			348
NTDB id 1427 RS RS02760 WP 011000510.1	GERIGQGR	DNCREFLRENAEL	AREIENKVVREHL	GVTMPGAVTLAE	E..VE.ED.....			352
NTDB id 295326 DL890 RS05185 WP 002914769.1	GDKIGQGS	KANAITWLKENPAAAK	EIEKKVRELLLNQDAKPD	.FV..VD.GNDAEETE	QDF.....			352
NTDB id 1165 A1552VC RS01565 WP 000344154.1	GDKIGQGS	KANACKYLLKENPEI	AKTLDKKLREMLLNPNENMQLI	.AE.....TSSA	ADDVEFGAVPEEF			354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	GDKIGQGS	KANACKYLLKENPEI	AKTLDKKLREMLLNPNENMQLI	.AE.....TSSA	ADDVEFGAVPEEF			354
NTDB id 1205 PSJM300 05545 AFN77183.1	GSKIGQGS	KANAAYYLEENPEI	GQIEEQIRAKLL	VSANTKA..TP..VA	.EDLADADI.....			347
NTDB id 1022 ACIAD RS06390 WP 004925639.1	GNKIGQGS	KNNVIRYLEENPQISTE	IEEAVIREQLLT	KASDQTA..A...HD	.ETEEEPDLLES			349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	GNKIGQGS	KNNVIRYFEENNQIAEE	IEERNIREQLLT	TGTNGAV..Q...I..	EDEEEDPDLLES			349
consensus	***!!!*****	**	*****	*****	**	*		

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		IEE	
NTDB id 600 KW2 RS01765 WP 011675413.1	...		387
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NTDB id 228 SPD RS09265 WP 001085462.1	IEE		388
NTDB id 194 SPR RS08825 WP 001085462.1	IEE		388
NTDB id 159 SP RS09750 WP 001085462.1	IEE		388
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NTDB id 1022 ACIAD RS06390 WP 004925639.1	...		349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	...		349
consensus			

- X non conserved
- X similar
- X ≥ 50% conserved