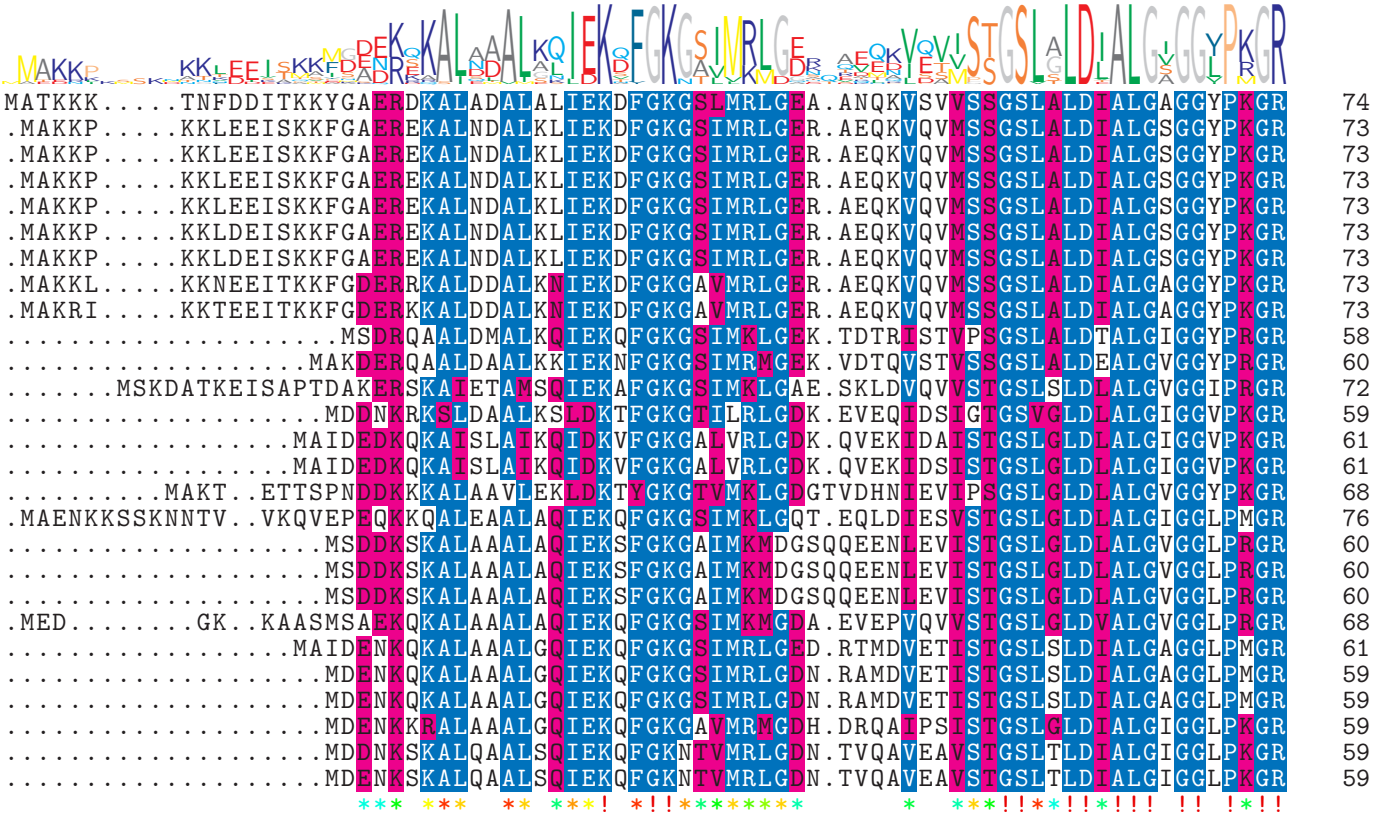


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NTDB id 194 SPR RS08825 WP 001085462.1
NTDB id 159 SP RS09750 WP 001085462.1
NTDB id 527 SMSK321 RS11065 WP 001085454.1
NTDB id 499 SM12261 RS08315 WP 078228268.1
NTDB id 453 Spy49 1753c ACI62003.1
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NTDB id 1074 ABD1 RS10195 WP 000344167.1
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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	ENAKKYLADNPEV	FAEIDHQVRVQFGL	IDGEEAAE....SK	KDE....VAQVDS	.VNEEVTLDLGDE	LEIE	381
NTDB id 499 SM12261 RS08315 WP 078228268.1	DEKIGQGS	ENAKKYLADNPEIF	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	ENAKNYLADHED	VEDEVRLKVR	AAYGISDVPEED	LPTTEDE.QI.NIL	PDDST.....EE		355
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NTDB id 1245 Cj1673c YP 002345041.1	DK	KLGGGREN	SKAFLKENPEI	ADEITKAIQNSM	GIEGMISGSEDDE	.GE.E.....		343
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NTDB id 1334 RAOC RS04870 WP 004918236.1	DT	KLGGGRD	TVKELIKDNPE	LAELEAKIREKL	QAK.....			343
NTDB id 1389 A4U84 RS07560 WP 021112712.1	GT	KIGQGK	NNAVKWLKENPE	IADKLEQEI	RNTLASNPNSVL	KATAS..D...S	NDES	372
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NTDB id 93486 ACG94 RS20205 WP 002914769.1	GD	KIGQGAN	AITWLKENPAA	AKEIEKKVRELL	LNNQDAKPD..FV	.VD.GNDAEETE	QDF	352
NTDB id 1165 A1552VC RS01565 WP 000344154.1	GD	KIGQGAN	ACKYLLKENPE	IAKTLDKKLRE	MLLNPENMQLI	.AE.....TSSA	ADD	354
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consensus		***!!!*****	***	*****	*****	***	***	

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consensus

 non conserved
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 ≥ 50% conserved