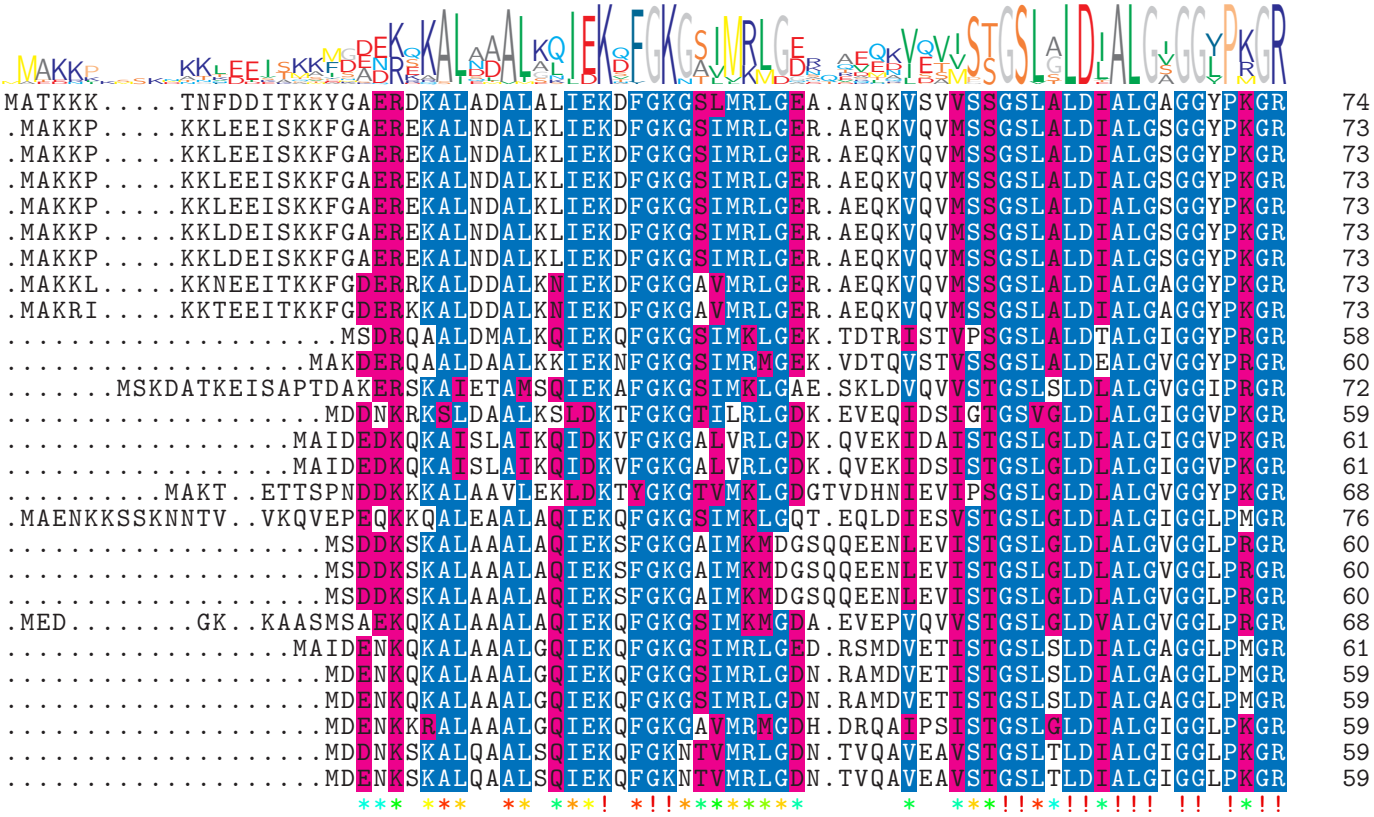


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NTDB id 269 KZH43 RS08665 WP 001085462.1
NTDB id 228 SPD RS09265 WP 001085462.1
NTDB id 194 SPR RS08825 WP 001085462.1
NTDB id 159 SP RS09750 WP 001085462.1
NTDB id 527 SMSK321 RS11065 WP 001085454.1
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NTDB id 453 Spy49 1753c ACI62003.1
NTDB id 408 SMU RS09530 WP 002262392.1
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NTDB id 625 LCA RS02525 WP 011374196.1
NTDB id 1313 DR RS12030 WP 010888966.1
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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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NTDB id 600 KW2 RS01765 WP 011675413.1
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consensus

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logo

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NTDB id 625 LCA RS02525 WP 011374196.1	TVRLEVRRAETIKNGT.....	DMIGNRARIKVVKNKVAPPFKVAEVDIMYGGISRTGELVDM	AVEKDIINKSGSWYSYG	294	
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NTDB id 1389 A4U84 RS07560 WP 021112712.1	SVRLDIRRCGV....	V.KDGDEIGSETKVVKNKVAPPFR	EVQFDIMYEGEGISRMNELL	ILAEANGFIKKSGAWFSYD	310
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consensus	*!!**!* *	* ** *****!!*!!*!!*! *	*****!!*!!*! ***** *	***** !!*!!*!!*	

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Sequence	Score
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DEKIGQGSSENAKKYLAEHPEIFDEIDKQVRSKFLIDGEEVSEQDTENKKDE . . . PKKEEA . VNEEVPLDLGDELEIE	385
DEKIGQGSSENAKKYLAHNPEVFAEIDHQVRVQFGLIDGEEAAE . . . SKKDE . . . VAQVDS . VNEEVTLDLGDLEIE	381
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GEKIGQGSSENAKKFLADNPEIFDDIDHKVRVQYGLIEEDNTEEKQSSKEK ETDEK . . . ADKNLVLELDDTIELE	382
EERLGQGRSENAKQFLKENKDIMLMIQEQUIREHYGLDNGGVVQQAEETQEEL . EFE . E	348
SERIGQGRSENAKNYLADHEDVEDEVRLKVRVQYGLSDVPEEDLPTTEDE . QI . NILPDDST EE	355
DERIGQGEKTIATYIAERPMEQEIRDRVMAAIRAGNAGEAPALAPAPAAPEAAE	363
DKKLGGGRENKAFLENPEIAD EITKAIQNSMGI EGM I SGSEDDGEGE	343
DKKLGGGRENKALLKEDKALADEITLKIKESIGSNEEI MPLPDEPLEEME	347
DKKLGGGRENKALLKEDKALADEITLKIKESIGSNEEI MPLPDEPLEEME	347
DTKLGGGRDTPVKELIKDNPELAELEAKIREKLQAK	343
GTKIGQGKNNAVKWLKENPEIADKLEQEI RNTL IASPN S VLKATASDSNDES DVEE FSEEEL	372
GAKIGGQKDNVRVWLKENPEISDEIDAKIRALNGVEMHI TEGTQDET DGERPEE	348
GAKIGGQKDNVRVWLKENPEISDEIDAKIRALNGVEMHI TEGTQDET DGERPEE	348
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GERIGQGRDNCREFLRENAELAREIENKVRHLGVTPMG AVTLA . EEEVED	352
GDKIGQGGKANAIISWLKENPAAAEIEKKVRELLSNQDS TPDFAVDGNSEAE TEQD F	352
GDKIGGQKANACKYLKENPEIAKTLDKKLREMLLNPNEM QLIA . . . ETSSAADDVE FGAVPEEF	354
GDKIGGQKANACKYLKENPEIAKTLDKKLREMLLNPNEM QLIA . . . ETSSAADDVE FGAVPEEF	354
GSKIGGQKANAAKYLEENPEIGQIEEQIRAKLLVTSAN TKATPVAEDLADADI	347
GNKIGGQKNNVIRYLEENPQISTEIEAVIREQLLTKASD QTA . . HDETEEEEDLLE S	349
GNKIGGQKNNVIRIFYENNQIAEIERNIREQLLTGTN GAVQ . I . EDEEEDPDL L ES	349

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NTDB id 194 SPR RS08825 WP 001085462.1	IEE	388	
NTDB id 159 SP RS09750 WP 001085462.1	IEE	388	
NTDB id 527 SMSK321 RS11065 WP 001085454.1	IEE	384	
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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