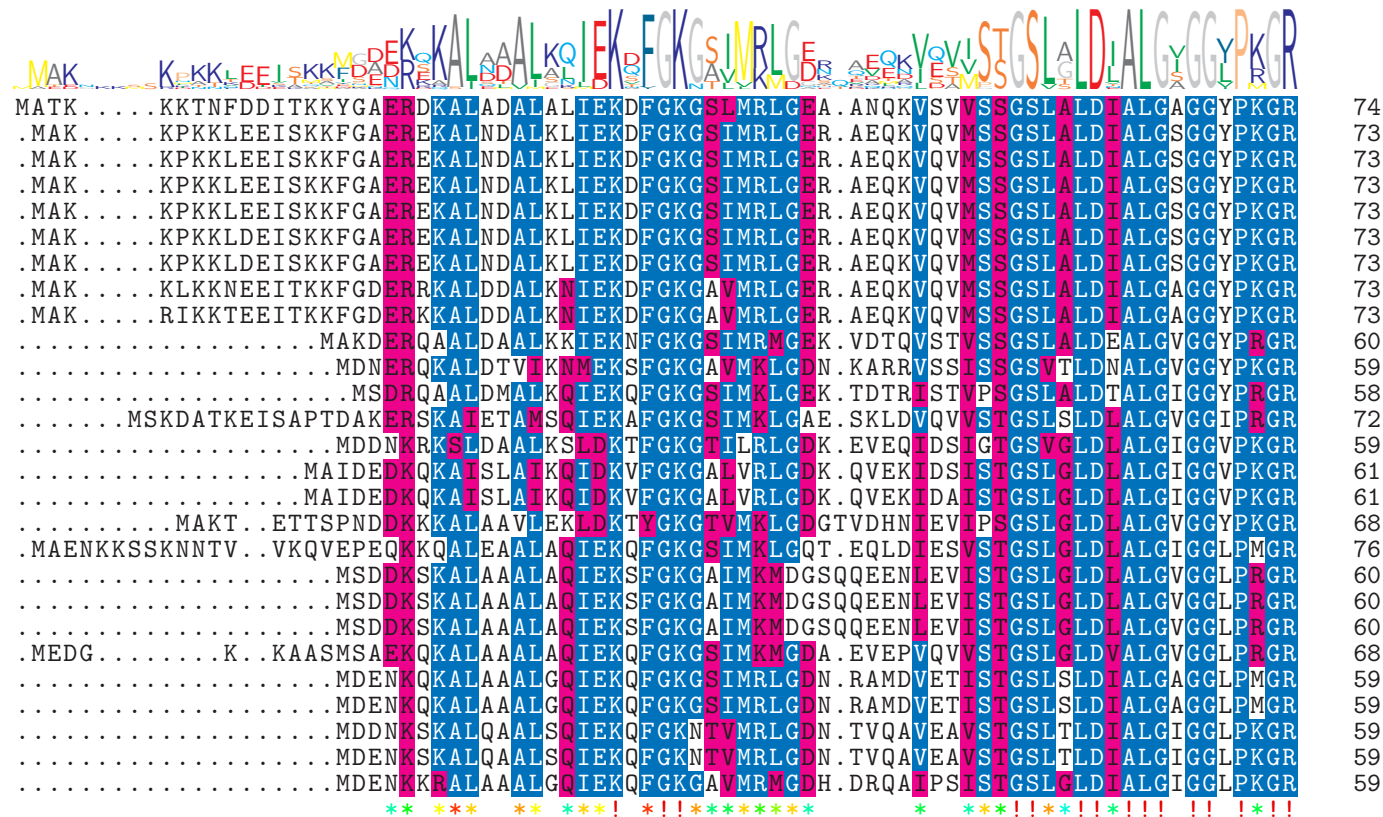


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NTDB id 600 KW2 RS01765 WP 011675413.1
NTDB id 269 KZH43 RS08665 WP 001085462.1
NTDB id 228 SPD RS09265 WP 001085462.1
NTDB id 194 SPR RS08825 WP 001085462.1
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NTDB id 527 SMSK321 RS11065 WP 001085454.1
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NTDB id 625 LCA RS02525 WP 011374196.1
NTDB id 180460 A2I67 RS05105 WP 015900175.1
NTDB id 115 BSU 16940 NP 389576.2
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NTDB id 1245 Cj1673c YP 002345041.1
NTDB id 1211 C694 RS00795 WP 000963128.1
NTDB id 1214 NCTC11637 00359 SQJ03206.1
NTDB id 1334 RAOC RS04870 WP 004918236.1
NTDB id 1389 A4U84 RS07560 WP 021112712.1
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NTDB id 1142 GTF74 RS11550 WP 000344154.1
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NTDB id 1205 PSJM300 05545 AFN77183.1
consensus

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NTDB id 194 SPR RS08825 WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETNVGKETKIKVVKNKVAPPFKEAVVEIMYEGEGISKTGELLKIASDLDIKKAGAWYSYK	311
NTDB id 159 SP RS09750 WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETNVGKETKIKVVKNKVAPPFKEAVVEIMYEGEGISKTGELLKIASDLDIKKAGAWYSYK	311
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NTDB id 453 Spy49 1753c ACI62003.1	SVRLDVRGTTQIKGTG.DQKDSNIGKETKIKVVKNKVAPPFKEAEVEIMYEGEGISRTGELVKIASDLDIQKAGAWFSYN	311
NTDB id 408 SMU RS09530 WP 002262392.1	SVRLDVRGNTQIKGTG.EQKDSNIGKETKIKVVKNKVAPPFKEAFVEIIMYEGEGISRTGELVKIASDLGIQKAGAWYSYN	311
NTDB id 625 LCA RS02525 WP 011374196.1	TVRLEVRRRAETIKNGT.....DMIGNRARIKVVKNKVAPPFKEAEVDIMYGGGISRTGELVDMAVEKDIINKSGSWYSYG	294
NTDB id 180460 A2I67 RS05105 WP 015900175.1	SVRLEVRRAEQLKQGQ.....EIVGNRTKIKVVKNKVAPPFRVAEVDIMYGGGISKEGELIDLGVENDIVDKSGAWYSYN	293
NTDB id 115 BSU 16940 NP 389576.2	SVRLEVRRAEQLKQGN.....DVMGNKTKIKVVKNKVAPPFRTAEVDIMYEGEGISKEGETIIDLGTELIDIVQKSGSWYSYE	292
NTDB id 1313 DR RS12030 WP 010888966.1	SVRLDVRKIGQ....PTKVGNDAAVANTVKIKTVKNKVAAPFKEVELALVYGKGFQDQLSDLVGLAADMDIINKAGSFYSYG	307
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NTDB id 1205 PSJM300 05545 AFN77183.1	SVRLDIRRTGA....V.KEGDEVVGSETR.VKVVKNKVAPPFRQAEFQILYGKGIYRNGEIIDLGVQQGLVEKSGAWAYK	293
consensus	*!!**!* * ** *****!*****!!*!!*!!* * *****!*!*** ***** ** *** ! !*****!	

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NTDB id 600 KW2 RS01765 WP 011675413.1	DEKIGQGA	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	DEKIGQGS	385
NTDB id 228 SPD RS09265 WP 001085462.1	DEKIGQGS	385
NTDB id 194 SPR RS08825 WP 001085462.1	DEKIGQGS	385
NTDB id 159 SP RS09750 WP 001085462.1	DEKIGQGS	385
NTDB id 499 SM12261 RS08315 WP 078228268.1	DEKIGQGS	381
NTDB id 527 SMSK321 RS11065 WP 001085454.1	DEKIGQGS	381
NTDB id 453 Spy49 1753c ACI62003.1	GEKIGQGS	377
NTDB id 408 SMU RS09530 WP 002262392.1	GEKIGQGS	382
NTDB id 625 LCA RS02525 WP 011374196.1	SERIGQG	355
NTDB id 180460 A2I67 RS05105 WP 015900175.1	GDRMGQG	355
NTDB id 115 BSU 16940 NP 389576.2	EERLGQG	348
NTDB id 1313 DR RS12030 WP 010888966.1	DERIGQG	363
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NTDB id 1022 ACIAD RS06390 WP 004925639.1	GNKIGQG	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	GNKIGQG	349
NTDB id 1205 PSJM300 05545 AFN77183.1	GSKIGQG	347
consensus	***!!!***** ** * *** ** ** ** *	

logo

		IEE	
NTDB id 600 KW2 RS01765 WP 011675413.1	...		387
NTDB id 269 KZH43 RS08665 WP 001085462.1	IEE		388
NTDB id 228 SPD RS09265 WP 001085462.1	IEE		388
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NTDB id 159 SP RS09750 WP 001085462.1	IEE		388
NTDB id 499 SM12261 RS08315 WP 078228268.1	IEE		384
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NTDB id 408 SMU RS09530 WP 002262392.1	D..		383
NTDB id 625 LCA RS02525 WP 011374196.1	...		355
NTDB id 180460 A2I67 RS05105 WP 015900175.1	...		355
NTDB id 115 BSU 16940 NP 389576.2	...		348
NTDB id 1313 DR RS12030 WP 010888966.1	...		363
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NTDB id 1211 C694 RS00795 WP 000963128.1	...		347
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NTDB id 1022 ACIAD RS06390 WP 004925639.1	...		349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	...		349
NTDB id 1205 PSJM300 05545 AFN77183.1	...		347
consensus			

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