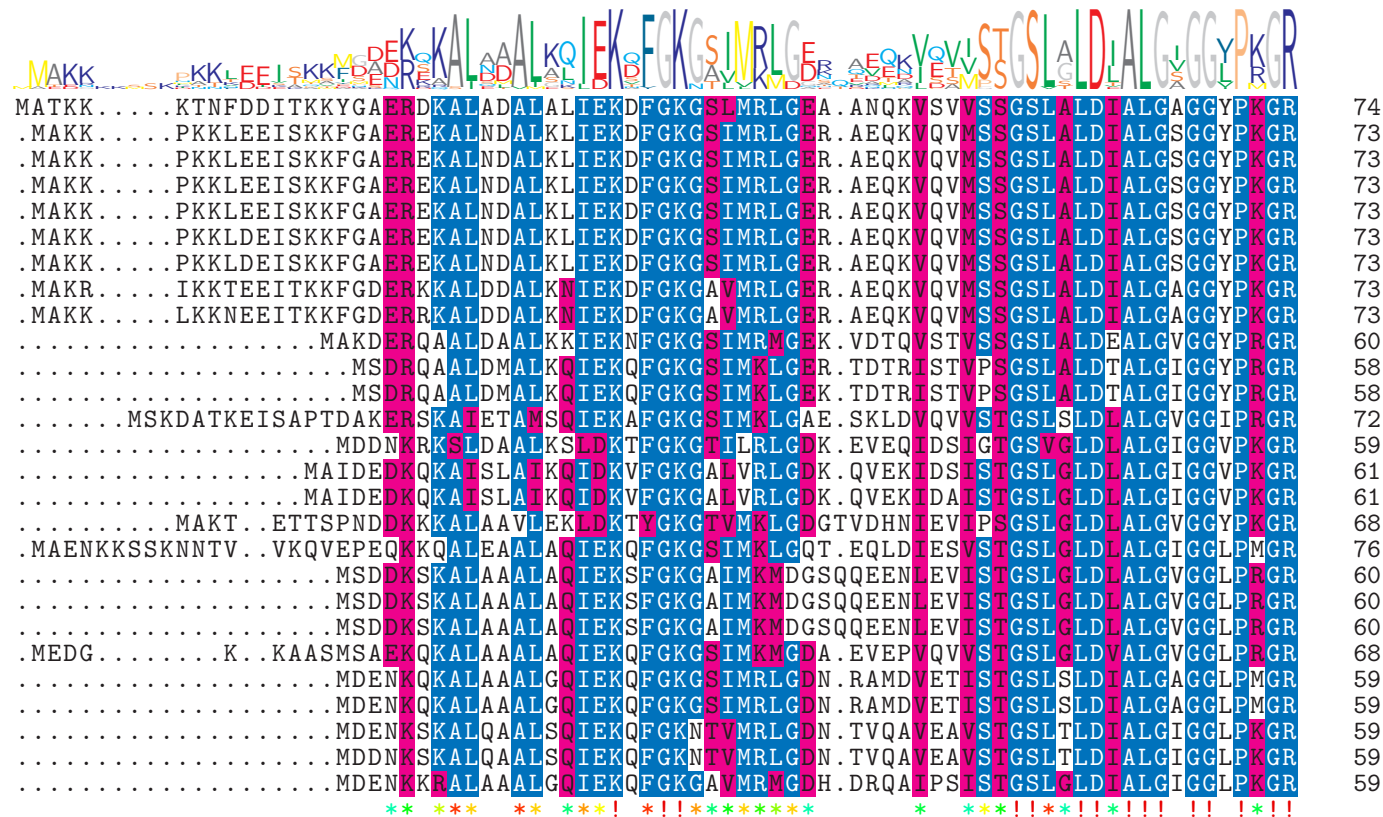


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consensus

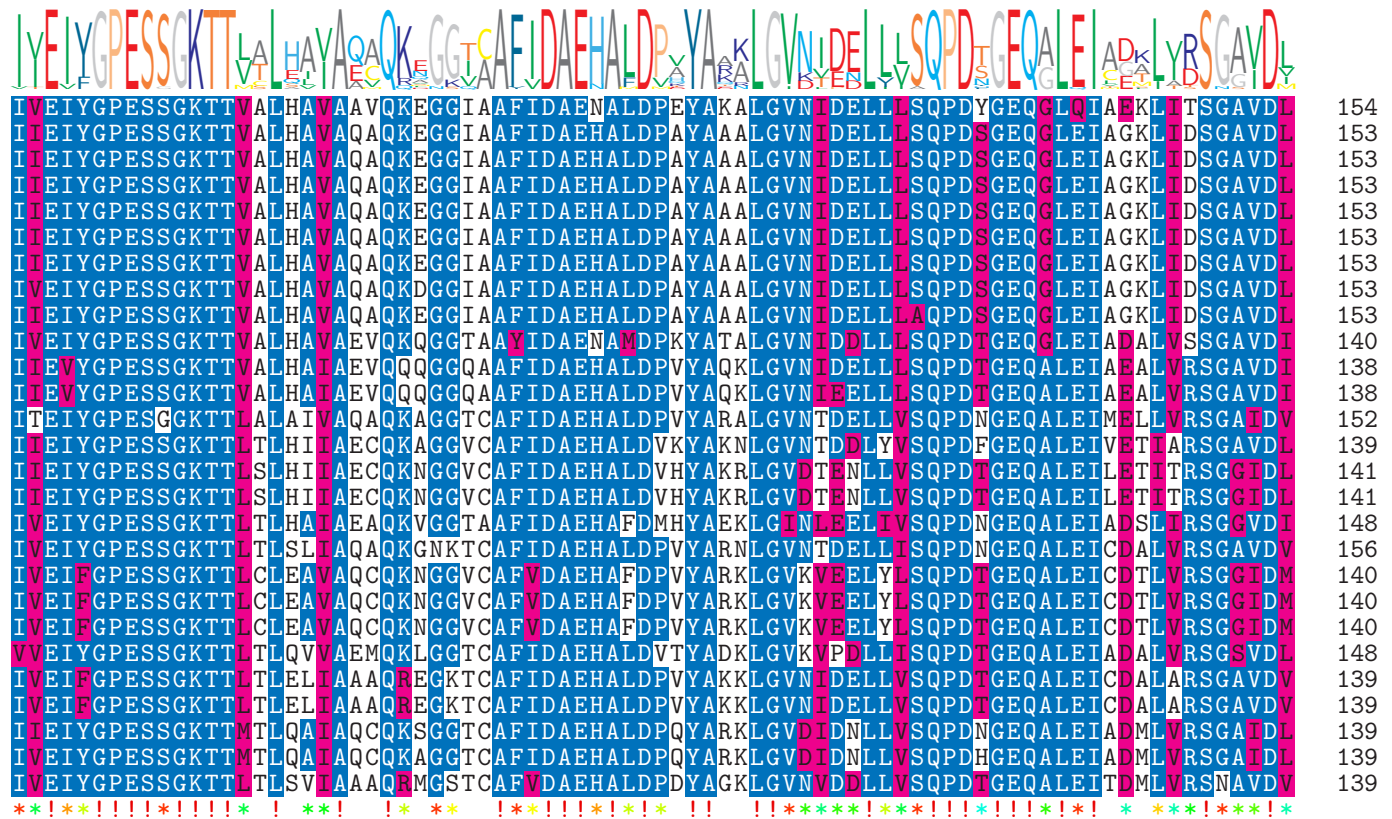
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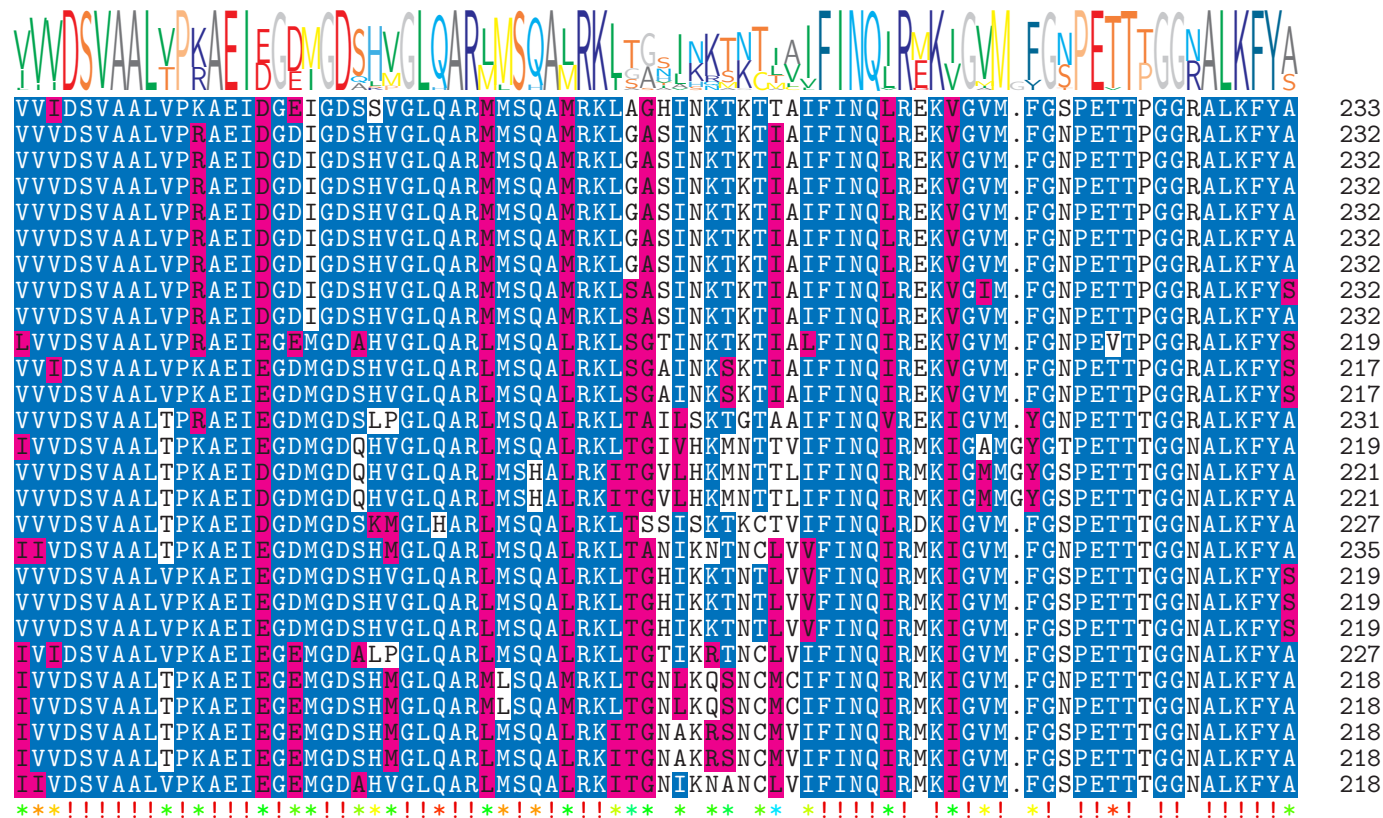
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NTDB id 600 KW2 RS01765 WP 011675413.1
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consensus



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NTDB id 194 SPR RS08825 WP 001085462.1	SVRLDVRG	NTQIKGTG	.DQKETN	VGKETKIKVVKNKVAPPFK	EAVVEIMYGE	GISKGTGELLK	IASDLDIKKAGAWYSYK	311			
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NTDB id 527 SMSK321 RS11065 WP 001085454.1	SVRLDVRG	STQIKGTG	.DQKDTN	VGKETKIKVVKNKVAPPFK	EAFVEIMYGE	GISKGTGELLK	IASDLDIKKAGAWYSYK	311			
NTDB id 408 SMU RS09530 WP 002262392.1	SVRLDVRG	NTQIKGTG	.EQKDSN	IGKETKIKVVKNKVAPPFK	EAFVEIITYGEGISRT	GELVKIASDLGI	IQKAGAWYSYN	311			
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NTDB id 965290 NSQ36 RS08295 WP 050944976.1	SVRLEV	RRAEQLKQGN	DIM	GNKTRIKVVKNKVAPPFR	IAEVDIMYGE	GISKEGEI	IDLGSEL	DIVQKSGAWYSYQ	292		
NTDB id 115 BSU 16940 NP 389576.2	SVRLEV	RRAEQLKQGN	DV	MGNKTKIKVVKNKVAPPFR	TAEVDIMYGE	GISKEGEI	IDLGTEL	DIVQKSGSWYSYE	292		
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NTDB id 1205 PSJM300 05545 AFN77183.1	SVRLDIR	RRTGA....V.KEG	DEVVGS	ETRVKVVKNKVAPPFR	QAEFQILY	GKGIYRNGE	IIDL	LG	VQQGLVEKSGAWAYK	293	
consensus	*!!**!*~			*~	**~	*****!!*!!*!!*!!*~	*	*****!!*!!*!!*~	*****~	***~	!!*****!

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NTDB id 965290 NSQ36 RS08295 WP 050944976.1	EERLGQGR	ENAKQFLKENK	DIMLMIQEQIRE	HYGLDNNGVAQ	QEAEEALEELE			345		
NTDB id 115 BSU 16940 NP 389576.2	EERLGQGR	ENAKQFLKENK	DIMLMIQEQIRE	HYGLDNNGVVQ	QQAETQEELE	.F.....EE		348		
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NTDB id 1211 C694 RS00795 WP 000963128.1	DKKLGQGR	ENAKALLKED	KALADEITLKI	KESIGSNEEI	MPLPDEP	.LE..EME		347		
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NTDB id 1074 ABD1 RS10195 WP 000344167.1	GNKIGQGN	NVIRYFE	ENNQIAEEI	ERNIREQLLT	TGTN....G	AVQ.I.EDEE	.EPD..LL	LES		349
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NTDB id 1205 PSJM300 05545 AFN77183.1	GSKIGQGN	ANAACKY	LEENPEIG	QIEEQIRAK	LLVTSAN....	TKATPVAED	LA..DAD	.I		347
consensus	***!!!	*****	**	*****	*****	**	**			

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		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	
NTDB id 194 SPR RS08825 WP 001085462.1	IEE	388	
NTDB id 159 SP RS09750 WP 001085462.1	IEE	388	
NTDB id 499 SM12261 RS08315 WP 078228268.1	IEE	384	
NTDB id 527 SMSK321 RS11065 WP 001085454.1	IEE	384	
NTDB id 408 SMU RS09530 WP 002262392.1	D..	383	
NTDB id 453 Spy49 1753c ACI62003.1	D..	378	
NTDB id 625 LCA RS02525 WP 011374196.1	...	355	
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NTDB id 115 BSU 16940 NP 389576.2	...	348	
NTDB id 1313 DR RS12030 WP 010888966.1	...	363	
NTDB id 1245 Cj1673c YP 002345041.1	...	343	
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NTDB id 1074 ABD1 RS10195 WP 000344167.1	...	349	
NTDB id 1022 ACIAD RS06390 WP 004925639.1	...	349	
NTDB id 1205 PSJM300 05545 AFN77183.1	...	347	
consensus			

-  non conserved
-  similar
-  ≥ 50% conserved