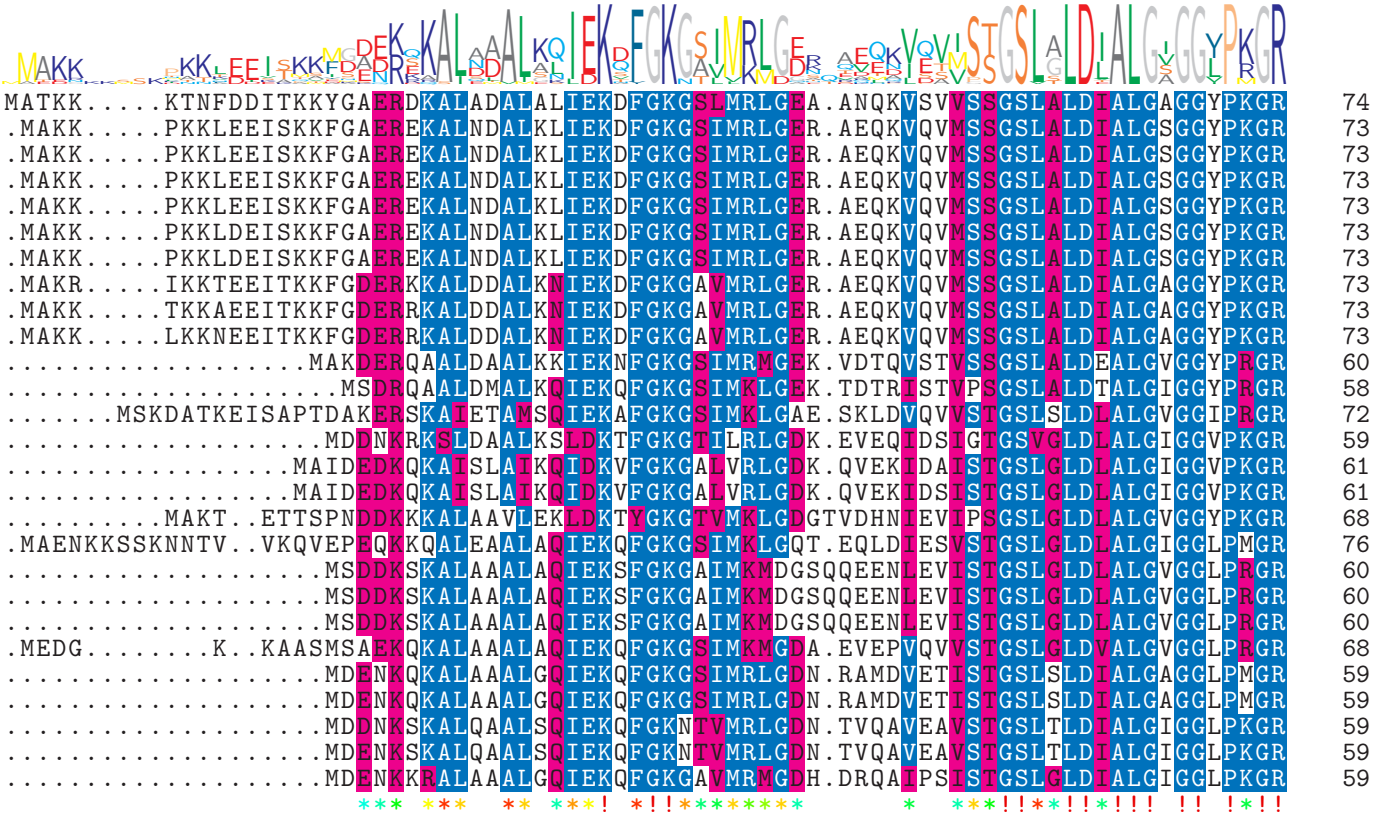


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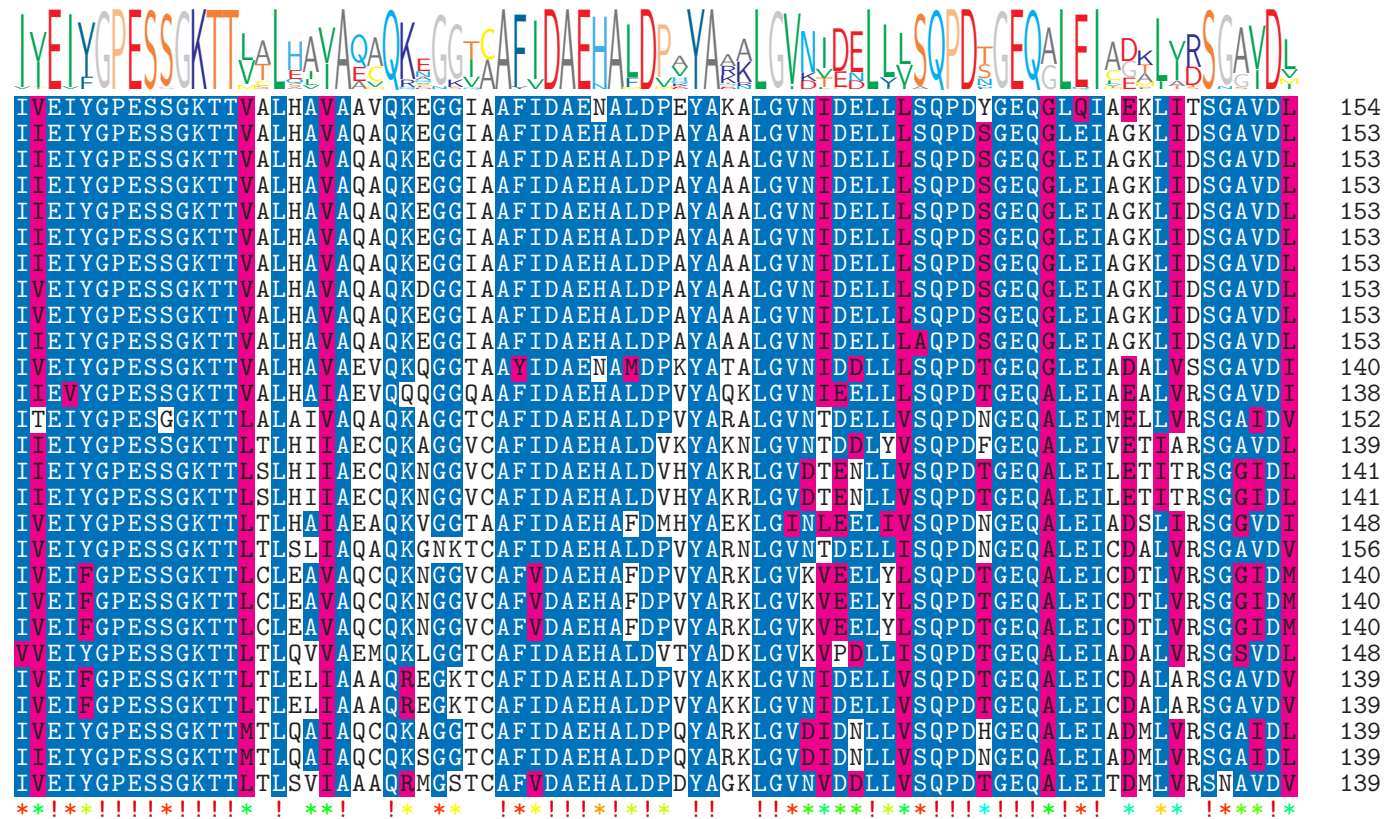
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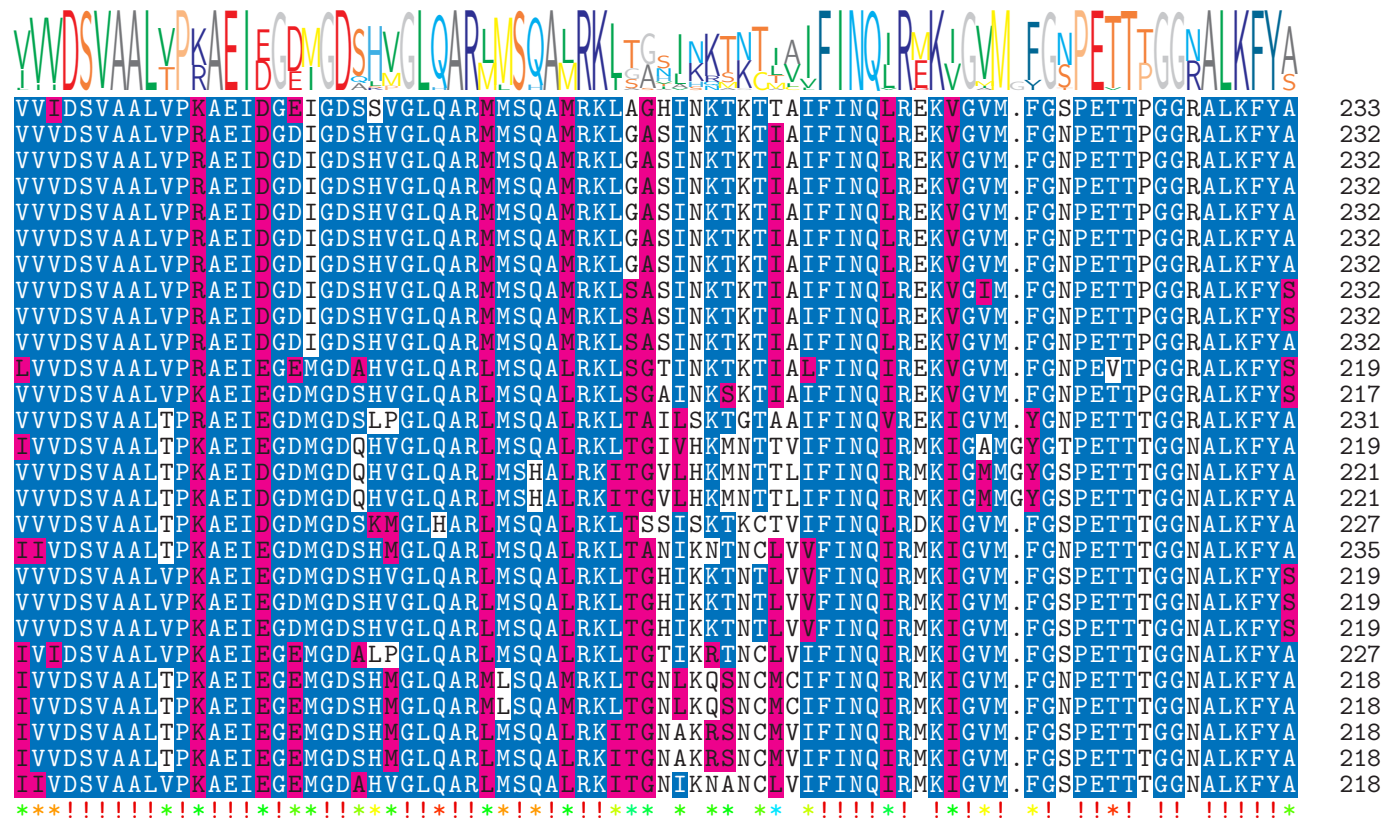
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consensus

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NTDB id 228 SPD RS09265 WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETN	VGKETKIKVVKNKVAPPFK	EAVVEIMYEGEGISKTGELL	K	IASDL	D	IIKKAGAWYSYK		311
NTDB id 194 SPR RS08825 WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETN	VGKETKIKVVKNKVAPPFK	EAVVEIMYEGEGISKTGELL	K	IASDL	D	IIKKAGAWYSYK		311
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NTDB id 499 SM12261 RS08315 WP 078228268.1	SVRLDVRGSTQIKGTG.DQKDTN	VGKETKIKVVKNKVAPPFK	EAFVEIMYEGEGISKTGELL	K	IASDL	D	IIKKAGAWYSYK		311
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NTDB id 408 SMU RS09530 WP 002262392.1	SVRLDVRGNTQIKGTG.EQKDSN	IGKETKIKVVKNKVAPPFK	EAFVEIITYGEGISRTGELV	K	IASDLG	I	IQKAGAWYSYN		311
NTDB id 325850 EGX70 RS08640 WP 001085741.1	SVRLDVRGNTQIKGTG.EHKDHN	VGKETKIKVVKNKVAPPFK	EAFVEIMYEGEGISRTGELI	K	IASDL	D	IIQKAGAWYSYN		311
NTDB id 453 Spy49 1753c ACI62003.1	SVRLDVRGTTQIKGTG.DQKDSN	IGKETKIKVVKNKVAPPFK	VAEVEIMYEGEGISRTGELV	K	IASDL	D	IIQKAGAWFSYN		311
NTDB id 625 LCA RS02525 WP 011374196.1	TVRLEVRRAETIKNGT.....DM	IGNRARIKVVKNKVAPPFK	VAEVDIMYGGISRTGELVDM	AVEKD	I	INKSGSWYSYG		294	
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NTDB id 1142 GTF74 RS11550 WP 000344154.1	SVRLDIRRTGA....I.KEGEEV	VGNETRIKVVKNKIAAPFK	EANTQIMYGGFNRREGELI	D	LGVKHKM	VVEKSGAWYSYN		293	
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NTDB id 1205 PSJM300 05545 AFN77183.1	SVRLDIRRTGA....V.KEGDEV	VGSETRNVKVVKNKVAPPFR	QAEFFQILYGKGIYRNGE	I	DLGVQQ	LVEKSGAWAYK		293	
consensus	*!!**!*~	~	**	*****!*****!!*!!*!!*!!*!!*!!*!!	*****!!*!!*!!*!!*!!*!!*!!	*****!!	*****!!	*****!!	

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NTDB id 600 KW2 RS01765 WP 011675413.1	DEKIGQGA	EKAKNYLKEHQ	DV	FDEIDHKVRAAHG	LDDSEVAETEEETTAS	KTAKAKKEEKAVETE	E	I	E	L	E	L	E	D		387					
NTDB id 269 KZH43 RS08665 WP 001085462.1	DEKIGQGS	ENAKKYLAEH	PEIF	DEIDKQVRSKF	G	LIDGEEVSEQD	TENKKDEPK	...	KEE	..	AVNEE	VPLDLG	DELEIE		385						
NTDB id 228 SPD RS09265 WP 001085462.1	DEKIGQGS	ENAKKYLAEH	PEIF	DEIDKQVRSKF	G	LIDGEEVSEQD	TENKKDEPK	...	KEE	..	AVNEE	VPLDLG	DELEIE		385						
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NTDB id 453 Spy49 1753c ACI62003.1	GEKIGQGS	ENAKRYLA	DHPQLF	DEIDRKVRVKF	G	LLEES	EE	..	ESAMAVA		S	..	EETD	LALDL	NGIEIE	377					
NTDB id 625 LCA RS02525 WP 011374196.1	SERIGQGS	ENAKNYLA	DHEDVE	DEVRLKVR	AAYG	ISDVPEED	LPTTEDE	..	QIN		ILPDD	STEE	..		355						
NTDB id 115 BSU 16940 NP 389576.2	EERLGQGS	ENAKQFL	KENKDI	MLMIQE	Q	IREHYG	L	DNNGVV	QQQAET	QEELE		FE	..	E		348					
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NTDB id 1214 NCTC11637 00359 SQJ03206.1	DKKLGQGS	ENAKALL	KEDKAL	ADEITLK	IKESIG	SNEEI	...	MPLPDE	..	P		LEEME			347						
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NTDB id 1074 ABD1 RS10195 WP 000344167.1	GNKIGQGS	KNNVIRY	FEENNQ	IAEIEI	ERN	I	REQLLT	TTGTN	...	GAVQ	..	I	..	ED		EEEP	DLL	..	LES		349
NTDB id 1205 PSJM300 05545 AFN77183.1	GSKIGQGS	KANAACKY	LEENPEI	GQIE	EQ	I	RAKLL	V	TSAN	...	TKATP	V	AED		LADAD	I			347		
consensus	***!!!	*****	**	*****	*****	**	**	**								*					

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NTDB id 527 SMSK321 RS11065 WP 001085454.1	IEE	384	
NTDB id 408 SMU RS09530 WP 002262392.1	D..	383	
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consensus			

-  non conserved
-  similar
-  ≥ 50% conserved