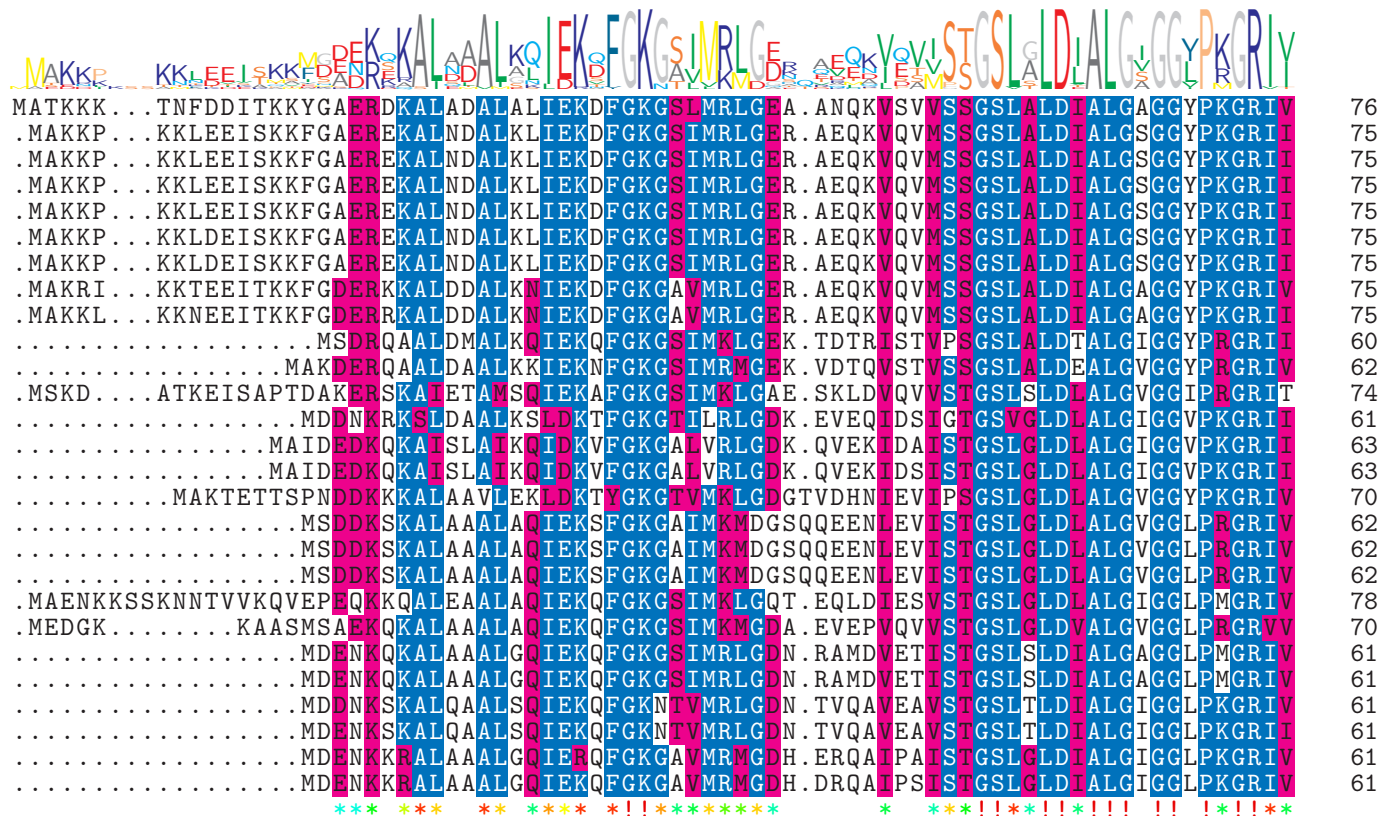


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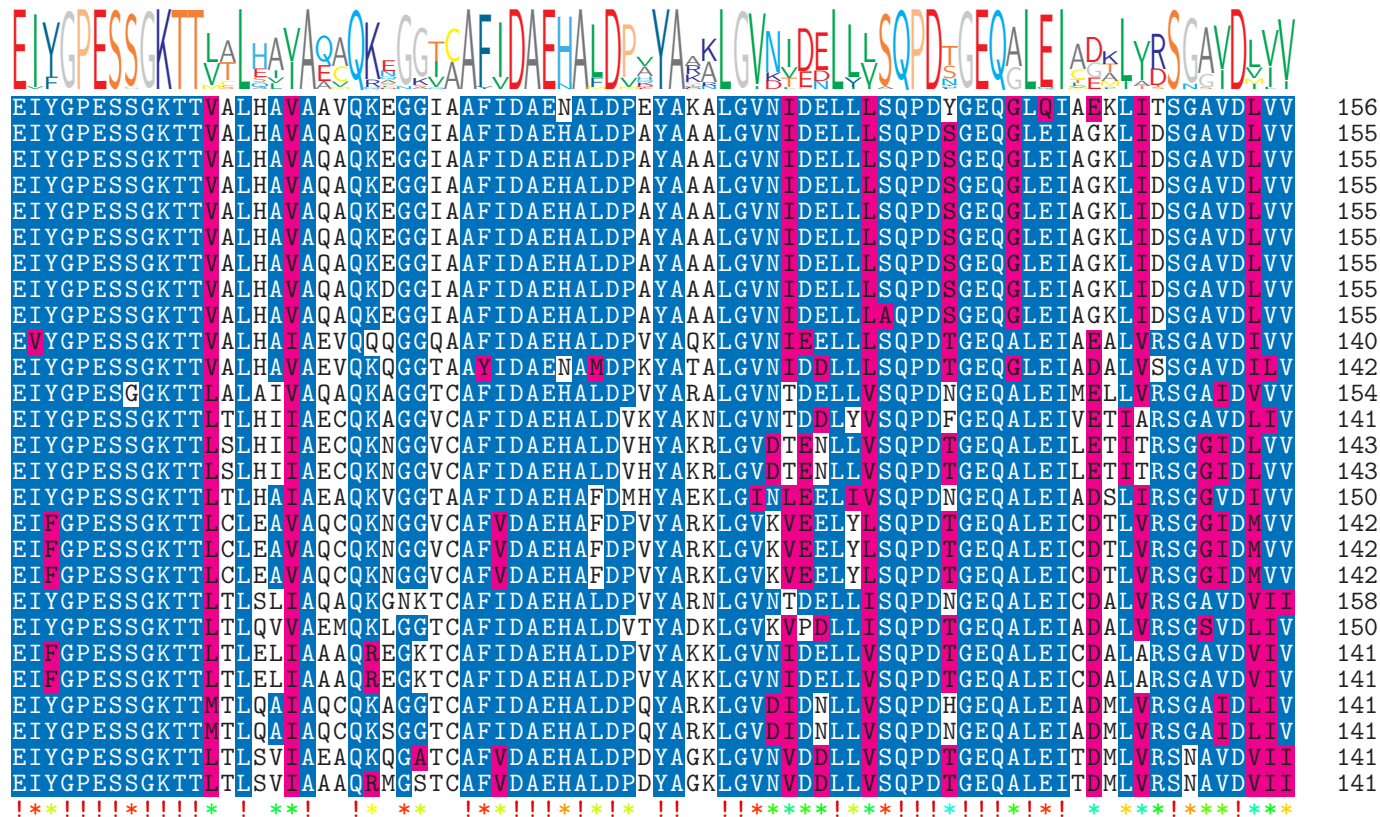
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consensus

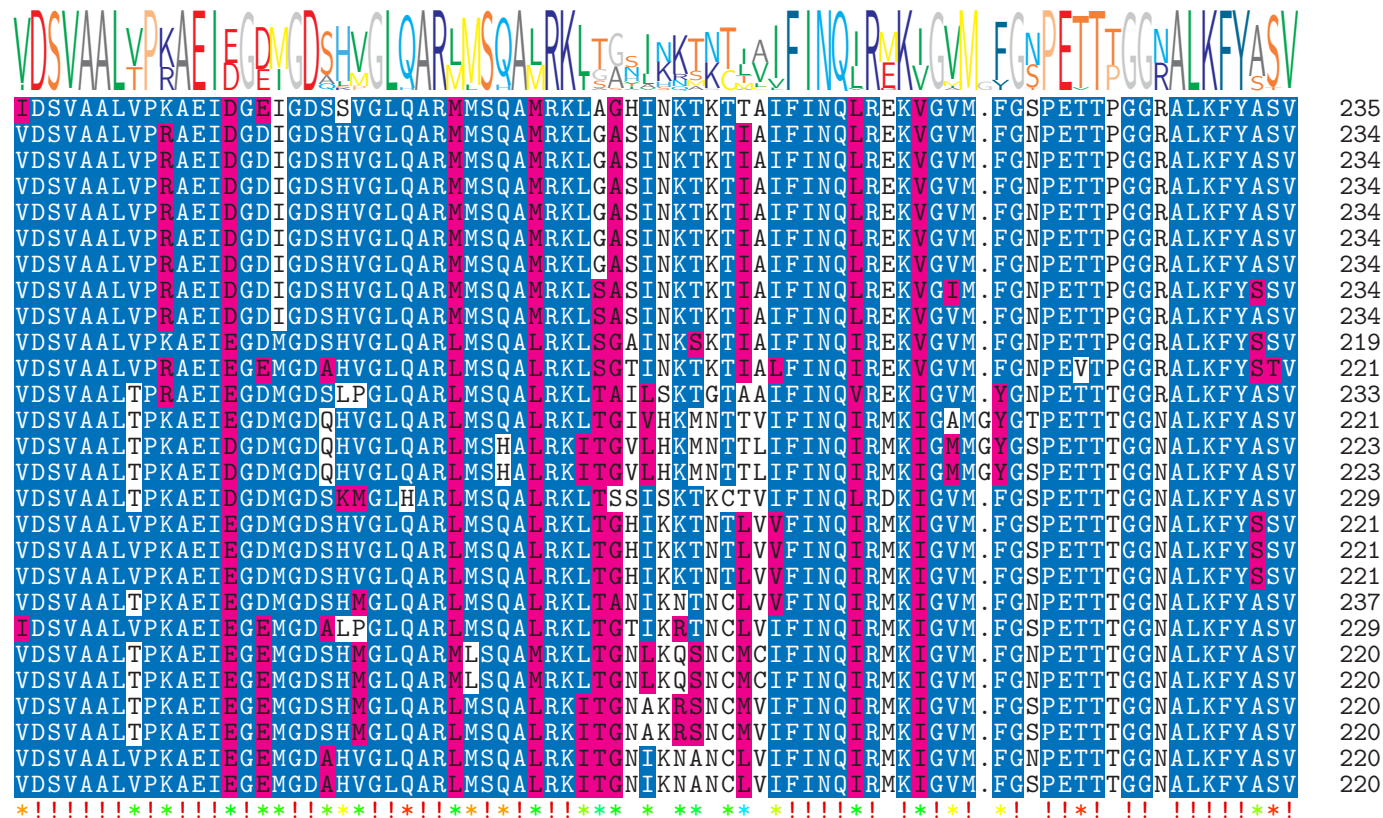
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consensus

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NTDB id 269 KZH43 RS08665 WP 001085462.1	RLDVRG	NTQIKGTG	.DQKETN	VGKETK	IKVV	VKNKVAPP	PFKEA	VV	EIM	Y	GEGIS	KTGEL	LK	IASD	LD	IKK	KAGAW	YSY	KDE	313
NTDB id 228 SPD RS09265 WP 001085462.1	RLDVRG	NTQIKGTG	.DQKETN	VGKETK	IKVV	VKNKVAPP	PFKEA	VV	EIM	Y	GEGIS	KTGEL	LK	IASD	LD	IKK	KAGAW	YSY	KDE	313
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NTDB id 499 SM12261 RS08315 WP 078228268.1	RLDVRG	STQIKGTG	.DQKDTN	VGKETK	IKVV	VKNKVAPP	PFKEA	FV	EIM	Y	GEGIS	KTGEL	LK	IASD	LD	IKK	KAGAW	YSY	KDE	313
NTDB id 527 SMSK321 RS11065 WP 001085454.1	RLDVRG	STQIKGTG	.DQKDTN	VGKETK	IKVV	VKNKVAPP	PFKEA	FV	EIM	Y	GEGIS	KTGEL	LK	IASD	LD	IKK	KAGAW	YSY	KDE	313
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NTDB id 453 Spy49 1753c ACI62003.1	RLDVRG	TTQIKGTG	.DQKDSN	IGKETK	IKVV	VKNKVAPP	PFKEA	FV	EIM	Y	GEGIS	R	TGEL	V	K	I	A	S	D	313
NTDB id 115 BSU 16940 NP 389576.2	RLEVRRA	AEQLKQGN		DVMGN	KTKIKVV	VKNKVAPP	FR	TAE	V	D	I	M	Y	G	E	G	I	S	K	294
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NTDB id 1313 DR RS12030 WP 010888966.1	RLDVRK	IGQ....	PTKVG	NDA	VANT	VKIK	TVKN	KVA	APF	KE	V	E	L	A	L	V	Y	G	K	309
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NTDB id 1427 RS RS02760 WP 011000510.1	RLDIRRI	GS....	I.KKG	DEV	VGN	ETKV	VVKN	KVAPP	FR	QAE	F	D	I	L	Y	G	A	G	V	304
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consensus	!***!*		*	*	*	*	*	*****!***!!*****!*	*	*	*****!*	*****	*****	***	***	***	!*	*****!		

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NTDB id 600 KW2 RS01765 WP 011675413.1	KIGQGA	EKAKNYLKEHQDV	DEIDHKVRAAHG	LDDSEVAETEEETT	...	ASKTKAKAKKEEKAVETEEIELELED	...	387						
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NTDB id 1124 NGFG RS03960 WP 003688695.1	KIGQGD	NVRVWL	KENPEISDEIDAKIRALNGVEMHIT	...	EGTQDET	DGE	...	RP	...	EE	...	348		
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NTDB id 1074 ABD1 RS10195 WP 000344167.1	KIGQGN	NVIRYFEENNQIAEEIERNIREQLLTTGTNG	...	AVQI	...	EDEE	EPDLL	...	L	...	ES	349		
NTDB id 125059 HW02 RS07230 WP 003092260.1	KIGQGN	ANAAYLE	DNPEIGSVLEKTI	RDQLLAKSGPV	...	KADAE	EVADA	EAD	...	...	...	346		
NTDB id 1205 PSJM300 05545 AFN77183.1	KIGQGN	ANAAYLE	DNPEIGQIEI	EQQIRAKLLVTSANT	...	KATPVA	EDLAD	ADI	...	...	...	347		
consensus	***!!!	*****	**	*****	*****	**	**			**				

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		IEIEE	
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NTDB id 194 SPR RS08825 WP 001085462.1	IEIEE		388
NTDB id 159 SP RS09750 WP 001085462.1	IEIEE		388
NTDB id 499 SM12261 RS08315 WP 078228268.1	IEIEE		384
NTDB id 527 SMSK321 RS11065 WP 001085454.1	IEIEE		384
NTDB id 408 SMU RS09530 WP 002262392.1	LED..		383
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NTDB id 115 BSU 16940 NP 389576.2			348
NTDB id 625 LCA RS02525 WP 011374196.1			355
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NTDB id 1211 C694 RS00795 WP 000963128.1			347
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NTDB id 1124 NGFG RS03960 WP 003688695.1			348
NTDB id 1123 OK783 RS03845 WP 003688695.1			348
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NTDB id 125059 HW02 RS07230 WP 003092260.1			346
NTDB id 1205 PSJM300 05545 AFN77183.1			347
consensus			

-  non conserved
-  similar
-  ≥ 50% conserved