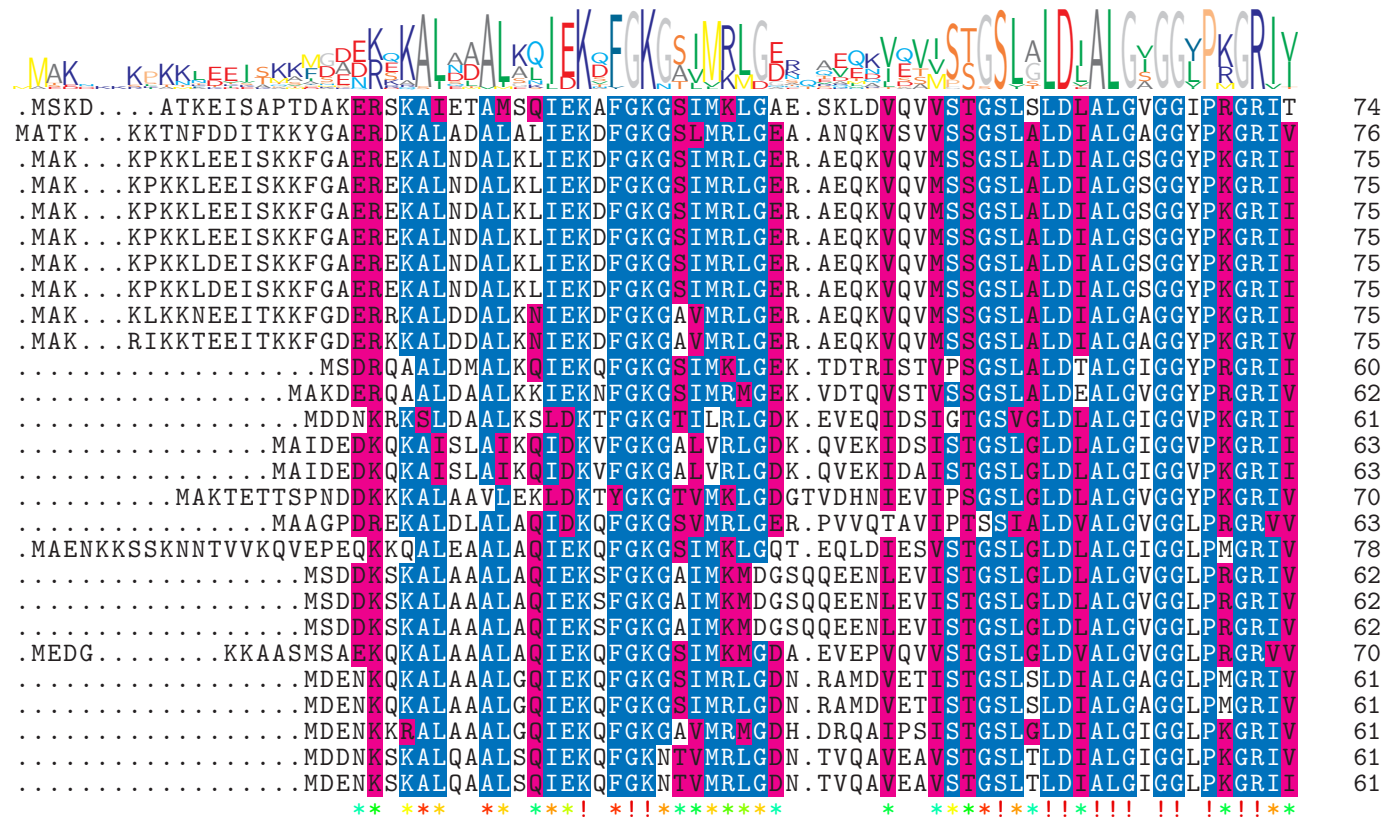


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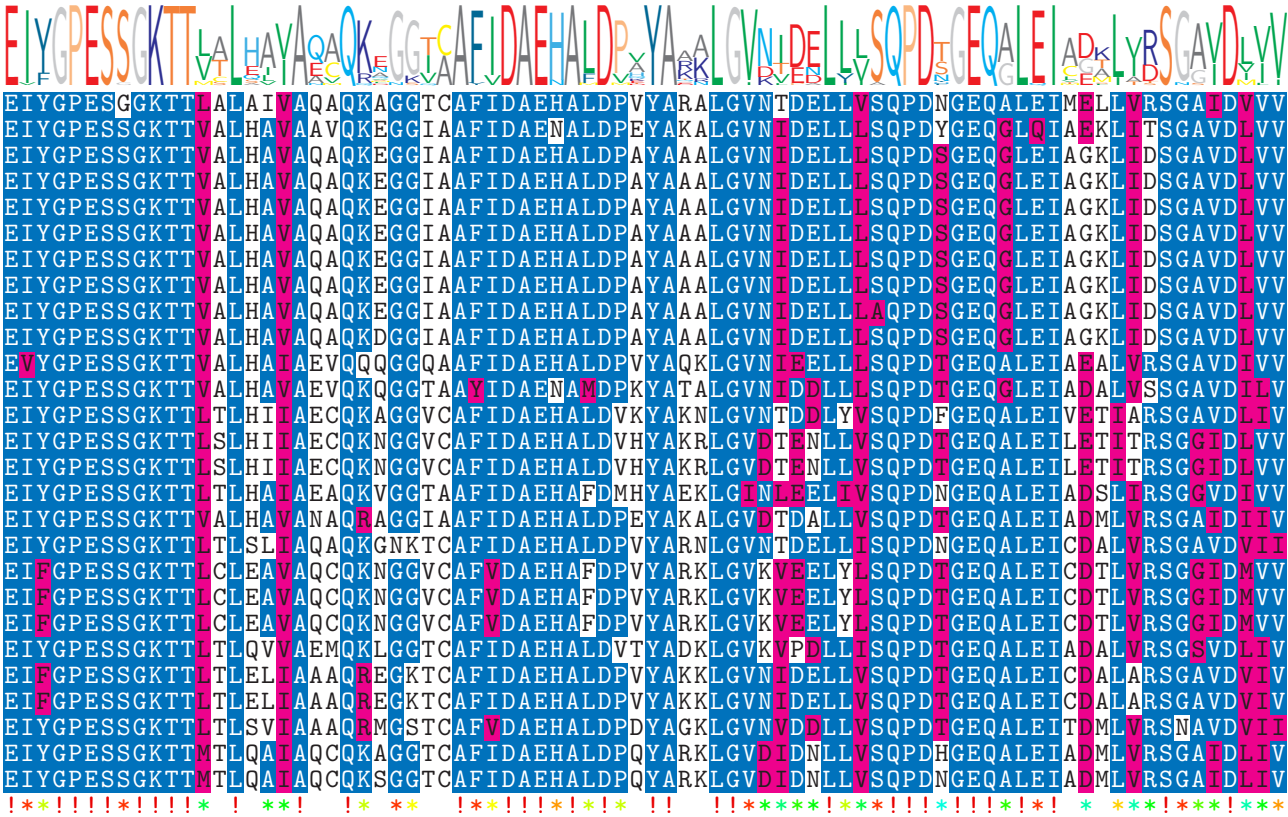
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NTDB id 408 SMU RS09530 WP 002262392.1
NTDB id 115 BSU 16940 NP 389576.2
NTDB id 625 LCA RS02525 WP 011374196.1
NTDB id 1245 Cj1673c YP 002345041.1
NTDB id 1211 C694 RS00795 WP 000963128.1
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NTDB id 393368 GCE86 RS01860 WP 091269420.1
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NTDB id 1130 NGFG RS03960 WP 003688695.1
NTDB id 1124 NGFG RS03960 WP 003688695.1
NTDB id 1123 OK783 RS03845 WP 003688695.1
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NTDB id 1165 A1552VC RS01565 WP 000344154.1
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consensus

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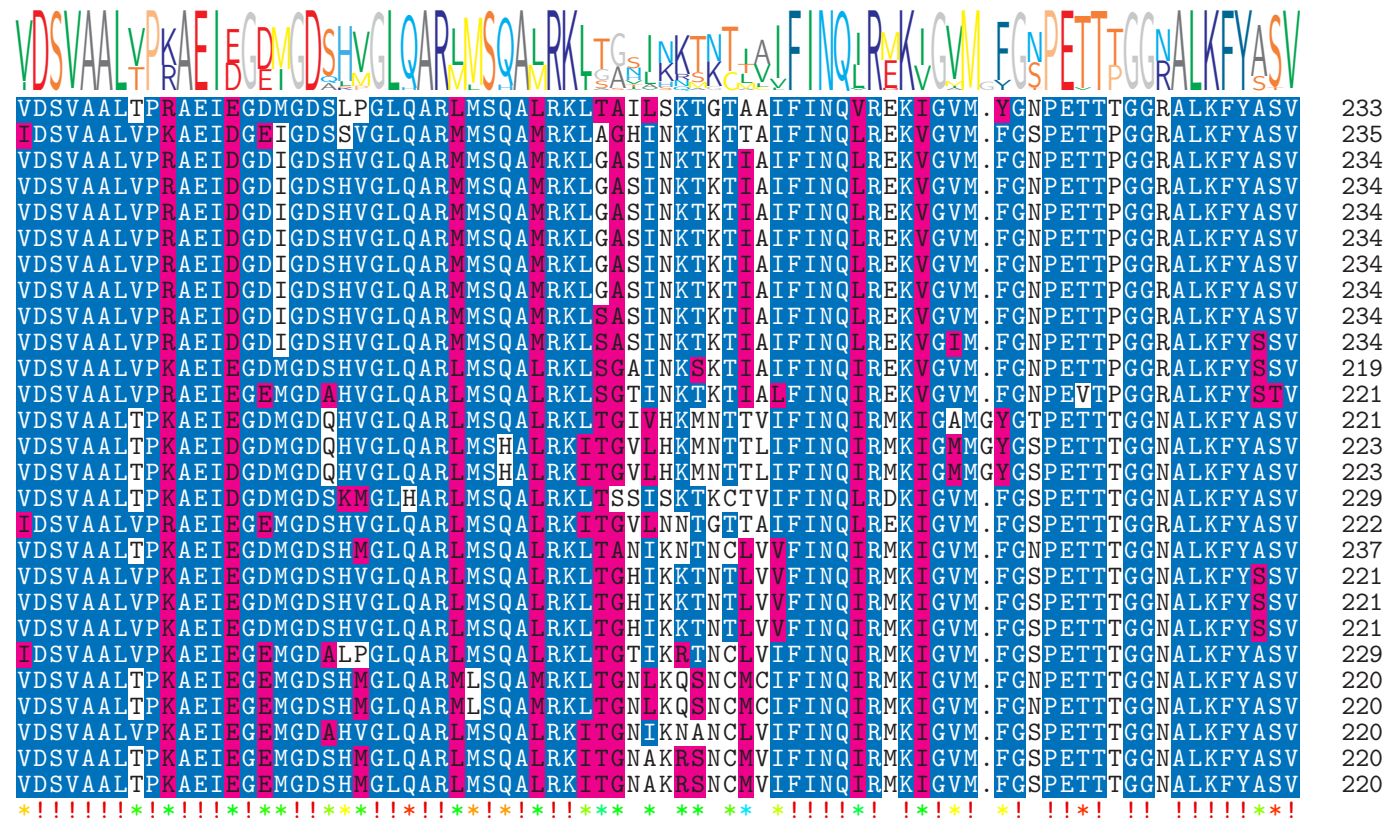
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consensus

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NTDB id 159 SP RS09750 WP 001085462.1	RLDVRGNTQIKGTG.DQKETN	VGKETK	IKVVKNKV	APPFKE	AVVE	IMY	GEGIS	KT	GEL	LKIAS	DL	DI	IKKAGAWYSY	KDE	313		
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NTDB id 499 SM12261 RS08315 WP 078228268.1	RLDVRGSTQIKGTG.DQKDTN	VGKETK	IKVVKNKV	APPFKE	AFVE	IMY	GEGIS	KT	GEL	LKIAS	DL	DI	IKKAGAWYSY	KDE	313		
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NTDB id 115 BSU 16940 NP 389576.2	RLEVRRAEQLKQGN.....	DVMGNK	TKIKVVKNKV	APPFRT	AEVD	IMY	GEGIS	KE	GEI	IDL	GT	EL	DI	VQKSGS	WYSY	EEEE	294
NTDB id 625 LCA RS02525 WP 011374196.1	RLEVRRAETIKNGT.....	DMIGNRARI	IKVVKNKV	APPFKE	AEVD	IMY	GQGIS	RT	GEL	VDMA	VEK	DI	INKSGS	WYSY	GSE	296	
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NTDB id 1142 GTF74 RS11550 WP 000344154.1	RLDIRRTGA....I.KEGEV	VGNETRI	KVVKNK	IAAPFKE	ANTQ	IMY	GQGF	N	REGEL	IDL	GVKHK	MVEKSG	AWSY	NGD	295		
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NTDB id 1022 ACIAD RS06390 WP 004925639.1	RLDIRRIGQ....V.KEGDEI	IGSETK	VVVKNK	MAPPF	RE	AI	FQILY	GKGV	NQL	LGEL	VDLAV	QQNIV	QKAG	AWSY	QGN	295	
NTDB id 1074 ABD1 RS10195 WP 000344167.1	RLDIRRIGQ....V.KEGDEI	VGSETK	VVVKNK	MAPPFKE	AI	FQILY	GKGT	NQL	LGEL	VDLAV	QQDIV	QKAG	AWSY	QGN	295		
consensus	!***!*	*	**	*****!***!!*!!*!!*	*	*****!*	*****	*****	***	***	!	!*****!					

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NTDB id 1427 RS RS02760 WP 011000510.1	RIGQGRDNCREFLRENAELAREIENKVREHLGVTPMGAV.TLAEEVEED.....	352
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NTDB id 1142 GTF74 RS11550 WP 000344154.1	KIGQGGKANACKYLLKENPEIAKTLDDKLLREMLLNPENMQLIAETSSAADV.EFGAVP.....EEF.....	354
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NTDB id 1074 ABD1 RS10195 WP 000344167.1	KIGQGGKNNVIRYFEENNQIAEEIERNIREQLLTGTNGAVQ.I.EDEEEP.DLL..L.....ES.....	349
consensus	**!!!!***** ** ***** ***** ** ** *	

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NTDB	id	194	SPR	RS08825	WP	001085462.1	E	388
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NTDB	id	527	SMSK321	RS11065	WP	001085454.1	E	384
NTDB	id	499	SM12261	RS08315	WP	078228268.1	E	384
NTDB	id	453	Spy49	1753c	ACI62003.1	.	.	378
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NTDB	id	1214	NCTC11637	00359	SQJ03206.1	.	.	347
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NTDB	id	1130	NGFG	RS03960	WP	003688695.1	.	348
NTDB	id	1124	NGFG	RS03960	WP	003688695.1	.	348
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consensus								

- ☐ non conserved
- ☒ similar
- ☒ $\geq 50\%$ conserved