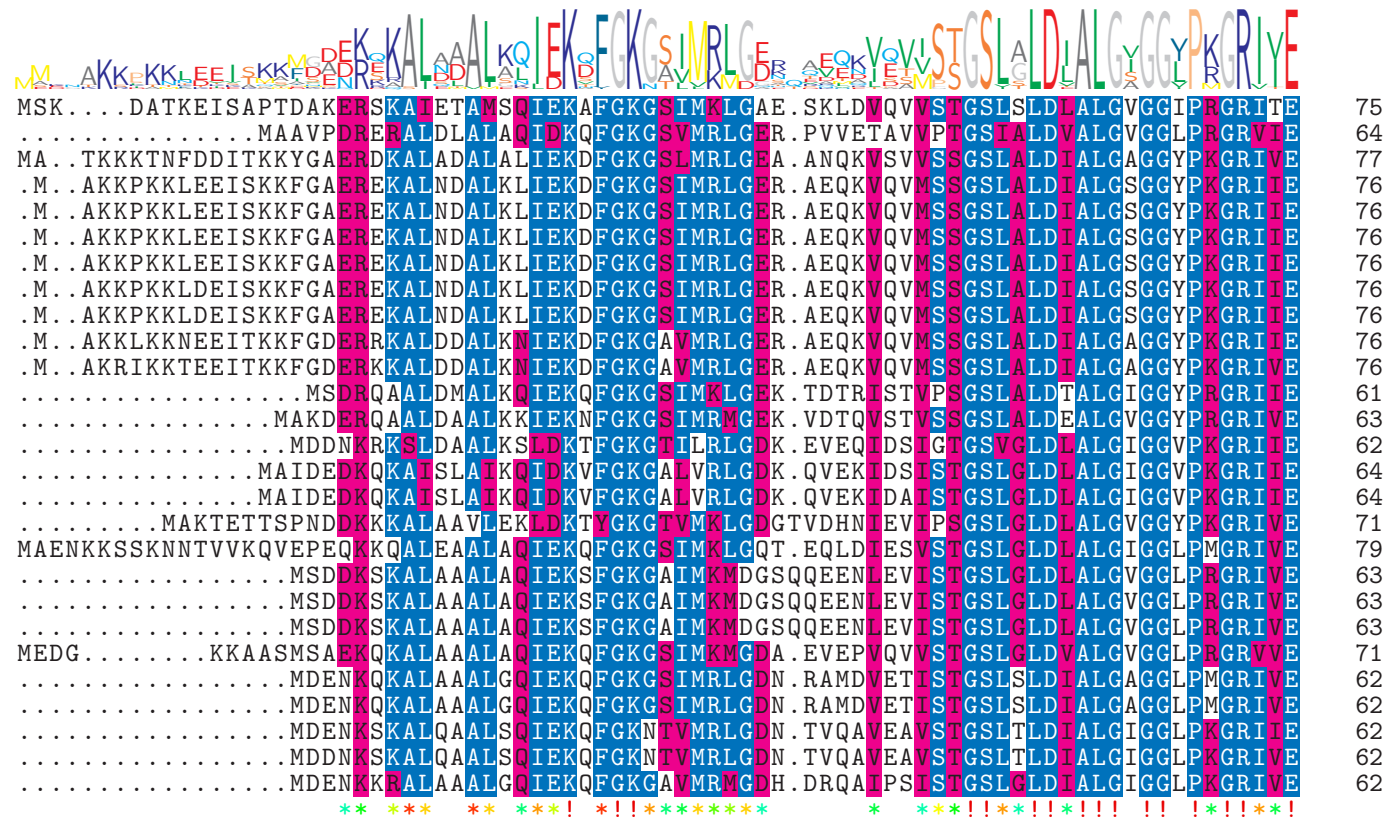


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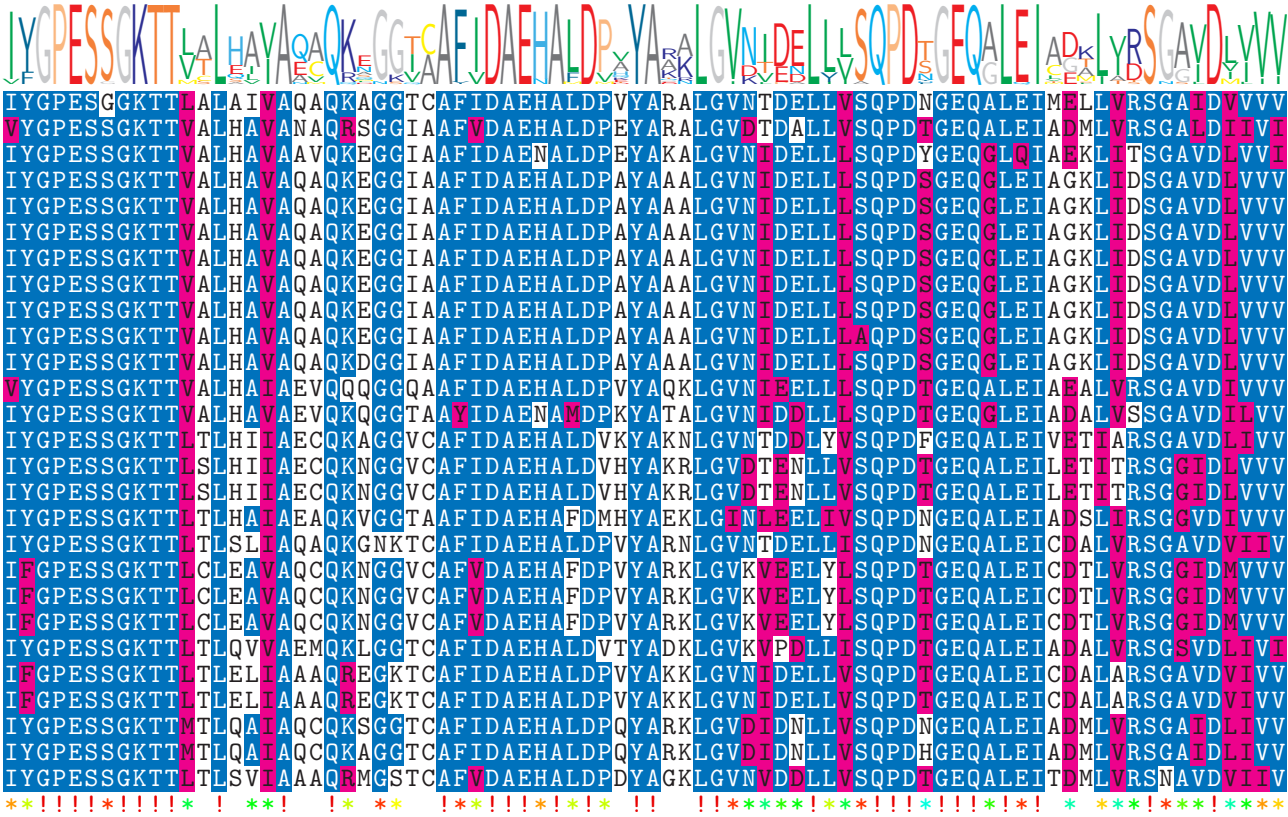
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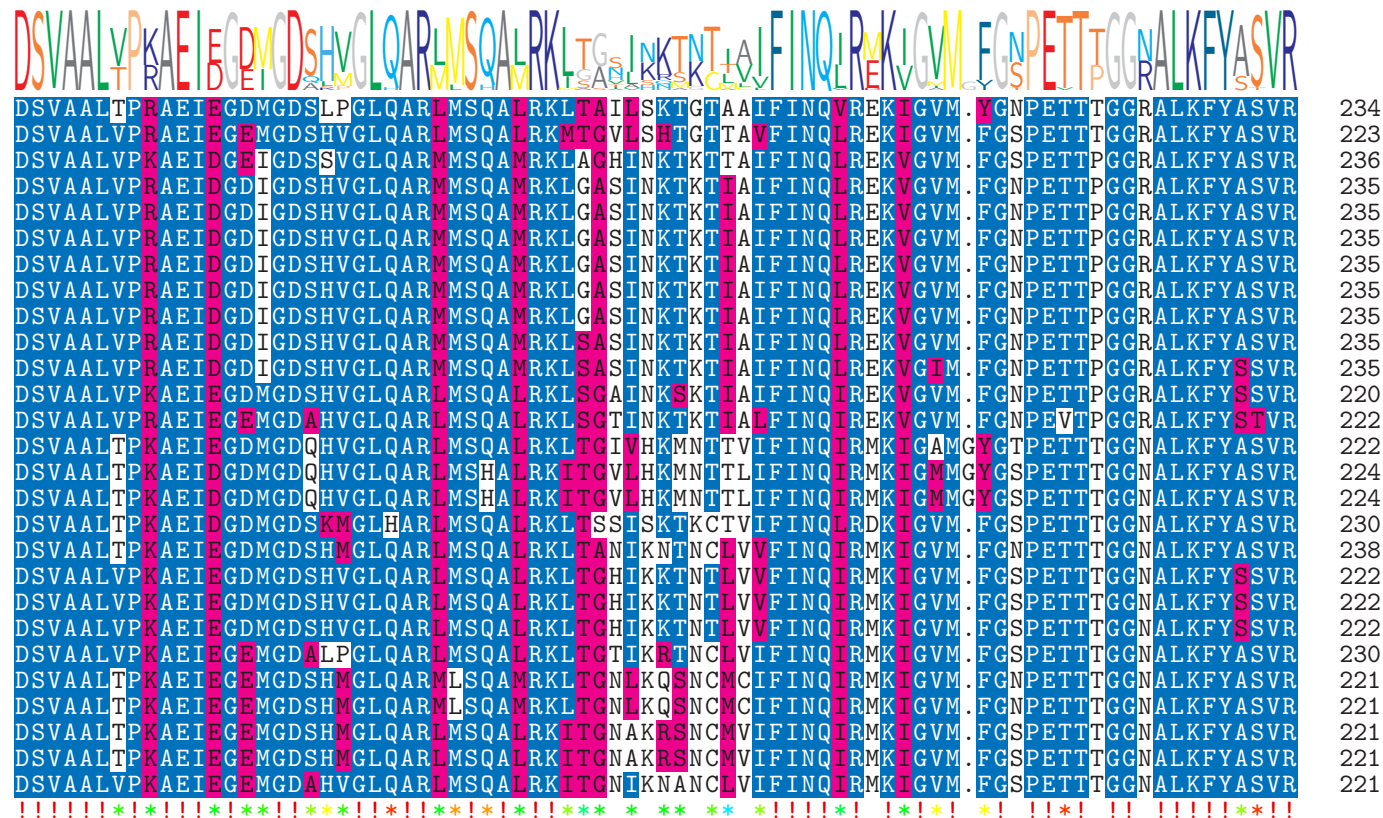


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NTDB id 1205 PSJM300 05545 AFN77183.1
consensus

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NTDB id 27933 STROP RS07150 WP 011905323.1	LDVRRIESLKDGT....DV	VGNRT	RVKVVKNKVA	APFK	QAEFD	IMYGK	GISRE	GLSD	VGVEQ	A	IRK	SGAW	TYE	GDQ	298
NTDB id 600 KW2 RS01765 WP 011675413.1	LDVRGSTKIEEGS.GDNKT	QIGKIT	IKVVKNKV	APPFK	VALVD	IMFG	EGISST	GELLN	IAVEE	G	IKK	SGAW	FAYN	DEK	315
NTDB id 269 KZH43 RS08665 WP 001085462.1	LDVRGNTQIKGTG.DQK	ETNVG	KETKIKVVKNK	VAPPF	KEAVV	EIMYG	EGIS	KTG	ELLK	IAS	DL	I	IKK	AGAW	314
NTDB id 228 SPD RS09265 WP 001085462.1	LDVRGNTQIKGTG.DQK	ETNVG	KETKIKVVKNK	VAPPF	KEAVV	EIMYG	EGIS	KTG	ELLK	IAS	DL	I	IKK	AGAW	314
NTDB id 194 SPR RS08825 WP 001085462.1	LDVRGNTQIKGTG.DQK	ETNVG	KETKIKVVKNK	VAPPF	KEAVV	EIMYG	EGIS	KTG	ELLK	IAS	DL	I	IKK	AGAW	314
NTDB id 159 SP RS09750 WP 001085462.1	LDVRGNTQIKGTG.DQK	ETNVG	KETKIKVVKNK	VAPPF	KEAVV	EIMYG	EGIS	KTG	ELLK	IAS	DL	I	IKK	AGAW	314
NTDB id 527 SMSK321 RS11065 WP 001085454.1	LDVRGSTQIKGTG.DQK	DTNVG	KETKIKVVKNK	VAPPF	KEAFV	EIMYG	EGIS	KTG	ELLK	IAS	DL	I	IKK	AGAW	314
NTDB id 499 SM12261 RS08315 WP 078228268.1	LDVRGSTQIKGTG.DQK	DTNVG	KETKIKVVKNK	VAPPF	KEAFV	EIMYG	EGIS	KTG	ELLK	IAS	DL	I	IKK	AGAW	314
NTDB id 453 Spy49 1753c ACI62003.1	LDVRGTTQIKGTG.DQK	DSSIG	KETKIKVVKNK	VAPPF	KVAE	VEIMYG	EGIS	RTG	ELV	K	IAS	DL	I	IKK	314
NTDB id 408 SMU RS09530 WP 002262392.1	LDVRGNTQIKGTG.EQK	DSNIG	KETKIKVVKNK	VAPPF	KEAFV	EIMYG	EGIS	RTG	ELV	K	IAS	DL	I	IKK	314
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NTDB id 625 LCA RS02525 WP 011374196.1	LEVRRAEETIKNGT....	DMIGN	RAKIKVVKNK	VAPPF	KVAE	VDIMYG	GGIS	RTG	ELV	D	M	A	V	E	297
NTDB id 1245 Cj1673c YP 002345041.1	LDVRKVVAT...L.KQNE	EP	IGNRV	KVVKNK	VAPPF	RQAE	FDV	MFG	ELSR	E	G	E	L	I	297
NTDB id 1211 C694 RS00795 WP 000963128.1	IDIRRIAS...L.KQNE	EQHIGN	RAKAKVVKNK	VAPPF	REAE	FDIMF	GEGIS	KEGE	ITD	Y	G	V	K	L	299
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NTDB id 1389 A4U84 RS07560 WP 021112712.1	LDIRRCGV...V.KDG	DEIIG	SETKV	KVVKNK	VAPPF	REV	QFDIMYG	EGIS	R	M	N	E	L	L	313
NTDB id 1130 NGFG RS03960 WP 003688695.1	LDIRRTGS...I.KKG	EEVLGN	ETRVK	VKNK	VAPPF	RQAE	FDILY	GEGIS	W	E	G	E	L	I	297
NTDB id 1124 NGFG RS03960 WP 003688695.1	LDIRRTGS...I.KKG	EEVLGN	ETRVK	VKNK	VAPPF	RQAE	FDILY	GEGIS	W	E	G	E	L	I	297
NTDB id 1123 OK783 RS03845 WP 003688695.1	LDIRRTGS...I.KKG	EEVLGN	ETRVK	VKNK	VAPPF	RQAE	FDILY	GEGIS	W	E	G	E	L	I	297
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NTDB id 1165 A1552VC RS01565 WP 000344154.1	LDIRRTGA...I.KEG	EEVVG	NETRI	KVVKNK	IAAP	FKE	ANTQIMYG	GGFN	R	E	G	E	L	I	296
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NTDB id 27933 STROP RS07150 WP 011905323.1	LGQGKEKAREFLRENPDVAAEIEKKILEKLGV	GAGAGDAAGGP	ELPP.....VDF		348	
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NTDB id 625 LCA RS02525 WP 011374196.1	IGQGGREN	AKNNYLADHEDVEDEVRLKVRAAYGISDVPEEDLPTTEDE	..QI.NILPDDST.....EE		355	
NTDB id 1245 Cj1673c YP 002345041.1	LGQGGRENSK	AFLENPEIADEITKAIQNSMGI	EGMISGSEDDE..GEE		343	
NTDB id 1211 C694 RS00795 WP 000963128.1	LGQGGREN	AKALLKEDKALADEITLKIKESIGSNEEIMPLPDEP	..LEEM.E.....		347	
NTDB id 1214 NCTC11637 00359 SQJ03206.1	LGQGGREN	AKALLKEDKALADEITLKIKESIGSNEEIMPLPDEP	..LEEM.E.....		347	
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NTDB id 1389 A4U84 RS07560 WP 021112712.1	IGQGGKNN	AVKWLKENPEIADKLEQEIRNTLASNPNSVLKATASDSNDES	..DVEEF.....SEEEL		372	
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NTDB id 1165 A1552VC RS01565 WP 000344154.1	IGQGGKAN	ACKYLLKENPEIAKTLDKKLREMLLNPNENMQLIAETSSAADDV	..EFGAV.....PEEF		354	
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NTDB id 1205 PSJM300 05545 AFN77183.1	IGQGGKAN	AAKYLEENPEIGQEIEQQIRAKLLVTSANTKATPVAEDLADA	..D..I.....		347	
consensus	*!!!*****	* * *****	*****	*****	*****	*

- ☒ non conserved
- ☒ similar
- ☒ ≥ 50% conserved