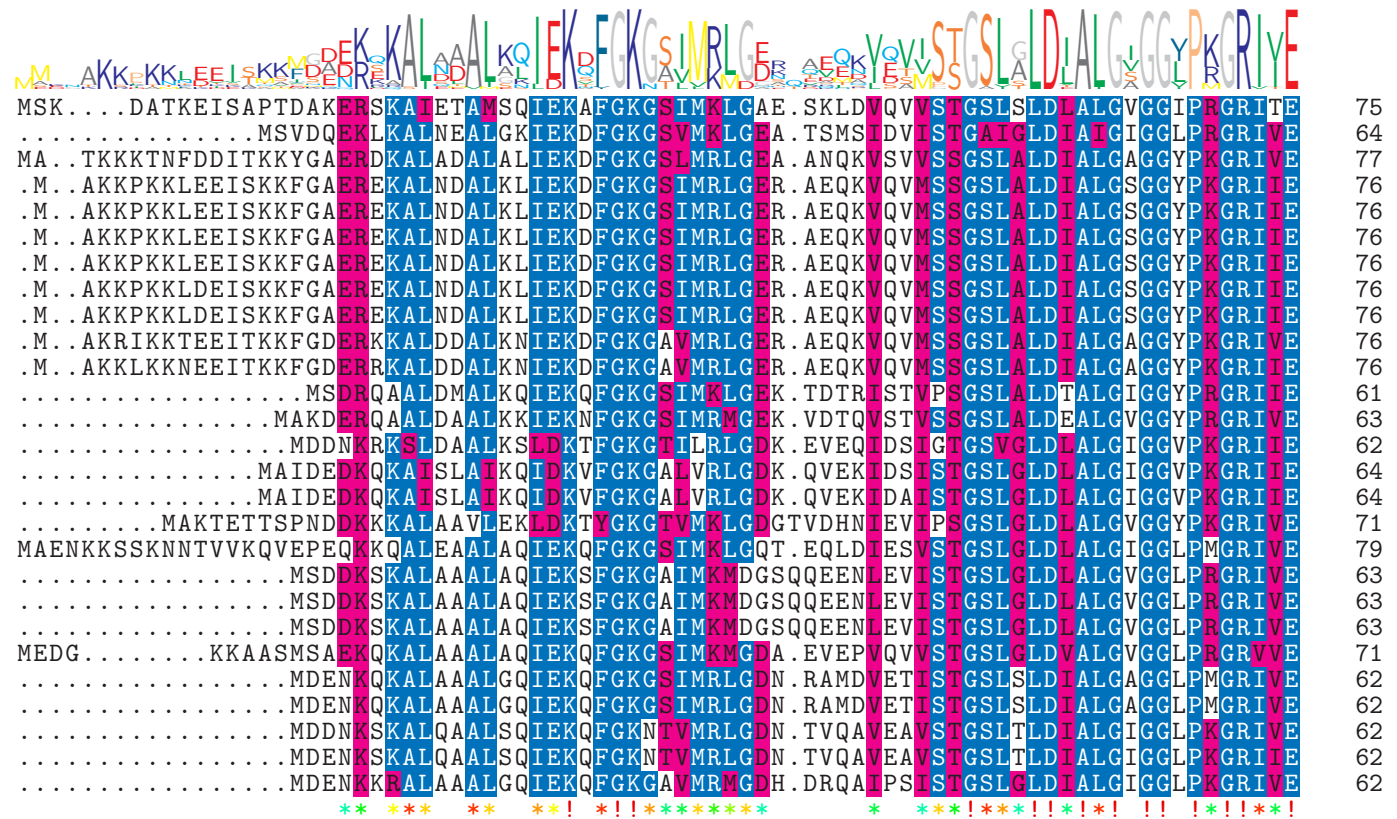


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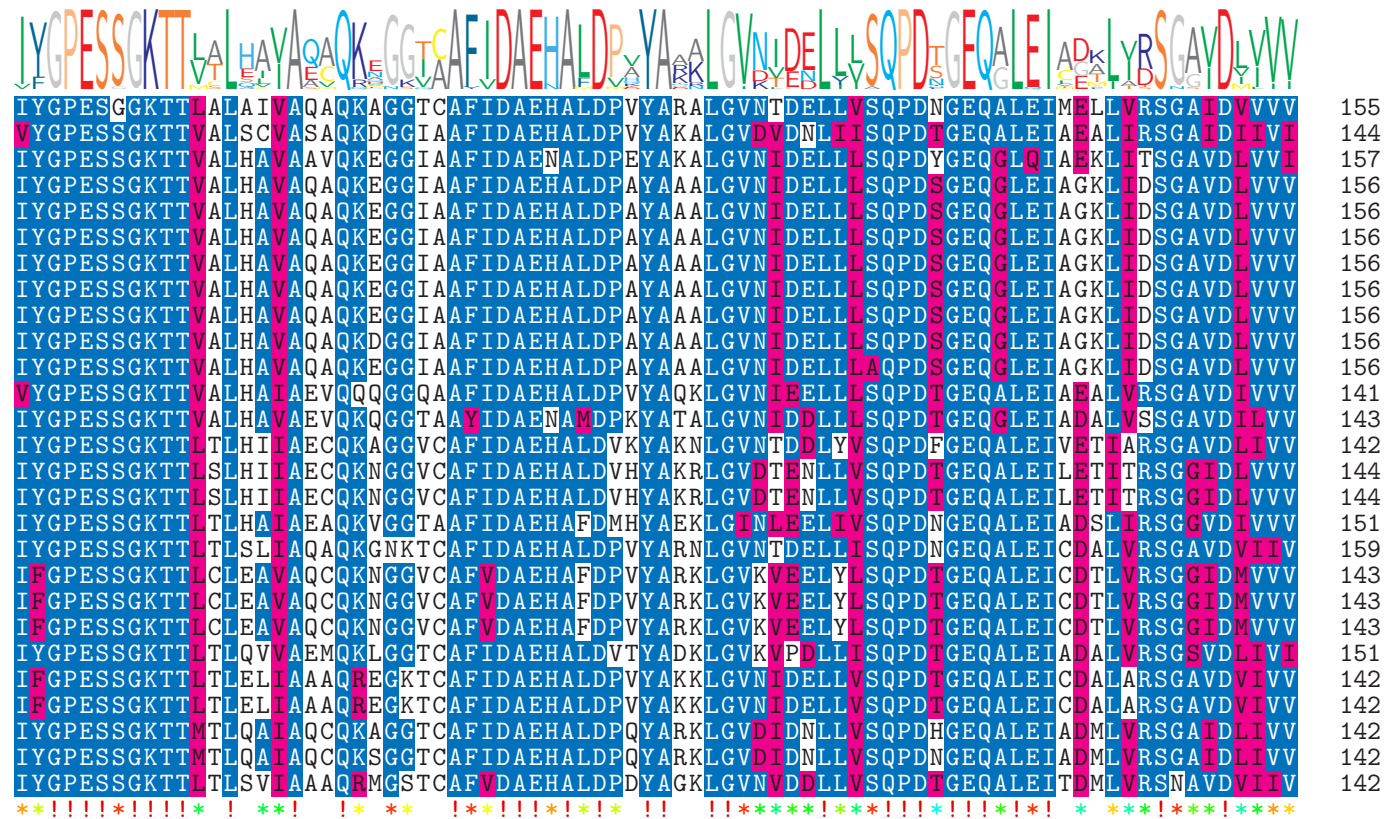
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consensus

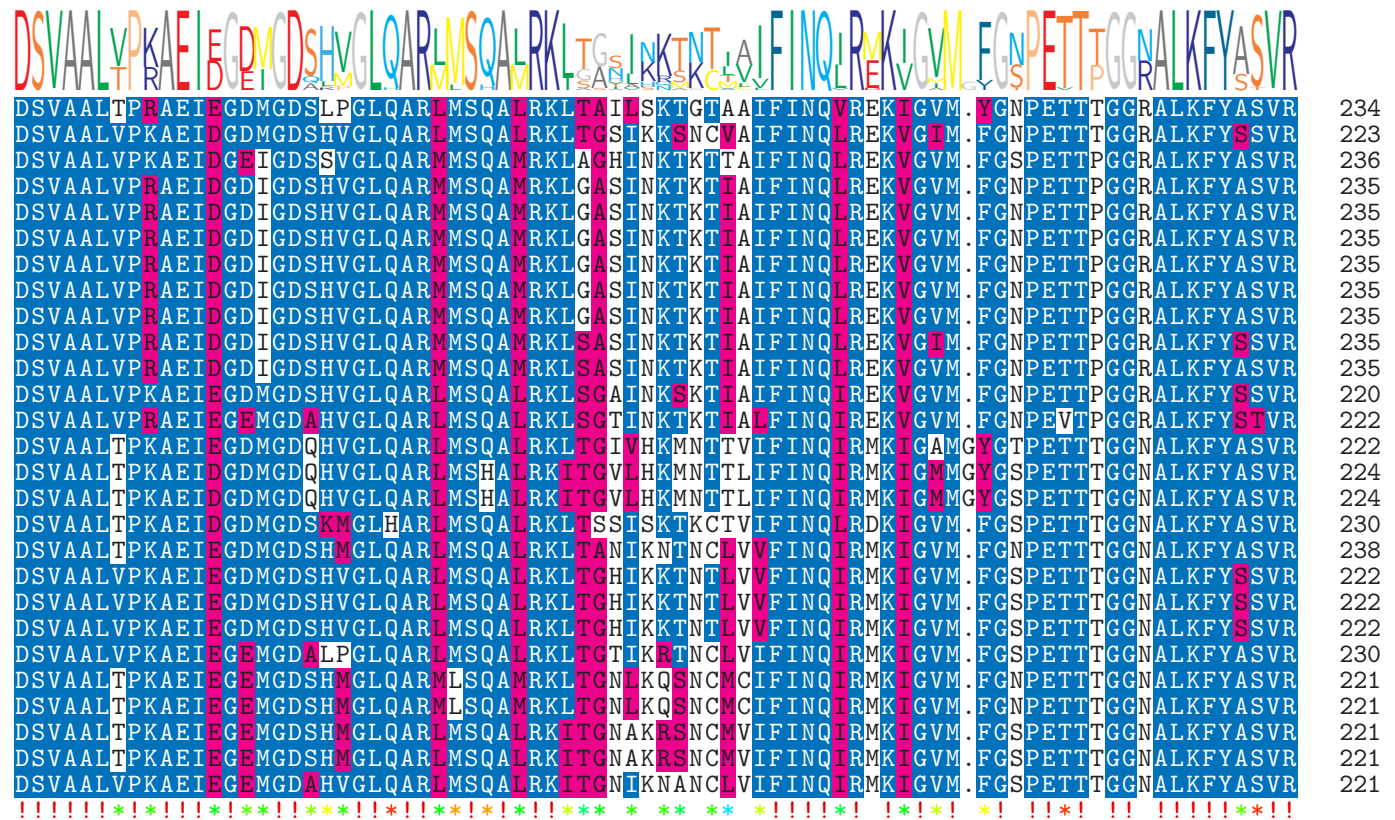
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NTDB id 1205 PSJM300 05545 AFN77183.1
consensus

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NTDB id 600 KW2 RS01765 WP 011675413.1	LDVRGSTKIEEGS.GDNKTQ	IGKIT	IKVVKNKV	AAFFK	VALVD	IMFGEG	ISSTG	ELLN	IAVEE	GITKK	SGAW	FAY	NDE	315
NTDB id 269 KZH43 RS08665 WP 001085462.1	LDVRGNTQIKGTG.DQKETN	VGKETK	IKVVKNKV	AAFFK	EAVVE	IMYGEG	ISKTG	ELLK	IASDL	DI	IKKAG	AWSY	KDE	314
NTDB id 228 SPD RS09265 WP 001085462.1	LDVRGNTQIKGTG.DQKETN	VGKETK	IKVVKNKV	AAFFK	EAVVE	IMYGEG	ISKTG	ELLK	IASDL	DI	IKKAG	AWSY	KDE	314
NTDB id 194 SPR RS08825 WP 001085462.1	LDVRGNTQIKGTG.DQKETN	VGKETK	IKVVKNKV	AAFFK	EAVVE	IMYGEG	ISKTG	ELLK	IASDL	DI	IKKAG	AWSY	KDE	314
NTDB id 159 SP RS09750 WP 001085462.1	LDVRGNTQIKGTG.DQKETN	VGKETK	IKVVKNKV	AAFFK	EAVVE	IMYGEG	ISKTG	ELLK	IASDL	DI	IKKAG	AWSY	KDE	314
NTDB id 527 SMSK321 RS11065 WP 001085454.1	LDVRGSTQIKGTG.DQKDTN	VGKETK	IKVVKNKV	AAFFK	EAFVE	IMYGEG	ISKTG	ELLK	IASDL	DI	IKKAG	AWSY	KDE	314
NTDB id 499 SM12261 RS08315 WP 078228268.1	LDVRGSTQIKGTG.DQKDTN	VGKETK	IKVVKNKV	AAFFK	EAFVE	IMYGEG	ISKTG	ELLK	IASDL	DI	IKKAG	AWSY	KDE	314
NTDB id 408 SMU RS09530 WP 002262392.1	LDVRGNTQIKGTG.EQKDSN	IGKETK	IKVVKNKV	AAFFK	EAFVE	ITYGEG	ISRTG	ELVK	IASDL	GI	IQKAG	AWSY	NGE	314
NTDB id 453 Spy49 1753c ACI62003.1	LDVRGTTQIKGTG.DQKDS	IGKETK	IKVVKNKV	AAFFK	VAEVE	IMYGEG	ISRTG	ELVK	IASDL	DI	IQKAG	AW	FSY	314
NTDB id 115 BSU 16940 NP 389576.2	LEVRRAEQLKQGN.....D	VMGNK	TKIKVVKNKV	AAFFR	TAEVD	IMYGEG	ISKEG	EIT	IDL	GTEL	DIVQ	KS	SWY	295
NTDB id 625 LCA RS02525 WP 011374196.1	LEVRRAEETIKNGT.....D	MIGNR	ARIKVVKNKV	AAFFK	VAEVD	IMYG	GGISRT	GELV	DM	AVEK	DI	IN	KS	297
NTDB id 1245 Cj1673c YP 002345041.1	LDVRKVAT....L.KQNEEP	IGNRV	KVVKNKV	AAFFR	QAEFD	VMFG	EGLS	REGEL	IDY	GVK	L	D	VD	297
NTDB id 1211 C694 RS00795 WP 000963128.1	IDIRRIAS....L.KQNEQH	IGNRA	KA	KVVKNKV	AAFFR	EAEFD	IMFG	EGIS	KEG	EIT	IDY	GVK	L	299
NTDB id 1214 NCTC11637 00359 SQJ03206.1	IDIRRIAA....L.KQNEQH	IGNRA	KA	KVVKNKV	AAFFR	EAEFD	IMFG	EGIS	KEG	EIT	IDY	GVK	L	299
NTDB id 1334 RAOC RS04870 WP 004918236.1	IDIRRSLSDTGKIKDKSGEV	IGNRT	KVVKNKV	AAFFK	SAEFD	IMYGEG	VSKV	GEIL	D	VAT	D	L	DI	310
NTDB id 1389 A4U84 RS07560 WP 021112712.1	LDIRRCGV....V.KDGEI	IGSET	KVVKNKV	AAFFR	REVQF	IMYGEG	ISRM	NELL	L	ILAE	ANG	F	IKK	313
NTDB id 1130 NGFG RS03960 WP 003688695.1	LDIRRTGS....I.KKGEVL	GNETR	RVKVI	KNKV	AAFFR	QAEFD	DILY	GEGIS	WEGEL	ID	IGV	KND	DI	297
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NTDB id 1427 RS RS02760 WP 011000510.1	LDIRRIGS....I.KKGEV	VGNET	KVVKNKV	AAFFR	EAEIF	DILY	GAGV	SREGE	I	IDL	GVE	A	KV	305
NTDB id 1165 A1552VC RS01565 WP 000344154.1	LDIRRTGA....I.KEGEEV	VGNETR	IKVVKNK	IAAPF	KEANT	QIMYG	GGFNR	REGEL	IDL	GVK	HKM	VEK	S	296
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NTDB id 1205 PSJM300 05545 AFN77183.1	LDIRRTGA....V.KEGDEV	VGSET	RVKVVKNKV	AAFFR	QAEFQ	ILY	GKGI	YRNGE	I	IDL	GV	Q	Q	296
consensus	***!*	*	**	*****!*****!*****!*	*	*****!*****	*****	***	***	!*****!	*			

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NTDB id 115 BSU 16940 NP 389576.2	LGQGGRENAKQFLKENKDIMLMIQEQIREHYGLDNGGVVQQAEETQEEL.EFE.E.....	348
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NTDB id 1214 NCTC11637 00359 SQJ03206.1	LGQGGRENAKALLKEDKALADEITLKI KESIGSNEEIMPLPDE..PLEEM.E.....	347
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NTDB id 1130 NGFG RS03960 WP 003688695.1	IGQGGKDNVRVWLKENPEISDEIDAKIRALNGVEMHITEGTQDETGDGER.....PEE.....	348
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NTDB id 1074 ABD1 RS10195 WP 000344167.1	IGQGGKNNVIRYFEENNQIAEEIERNIREQLLTTGTNGAVQ.I.EDEEEP.DLL.....LES.....	349
NTDB id 1205 PSJM300 05545 AFN77183.1	IGQGGKANAAKYLEENPEIGQEIEQQIRAKLLVTSANTKATPVAEDLADA.DI.....	347
consensus	*!!!!***** ** ***** ***** ** *	

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