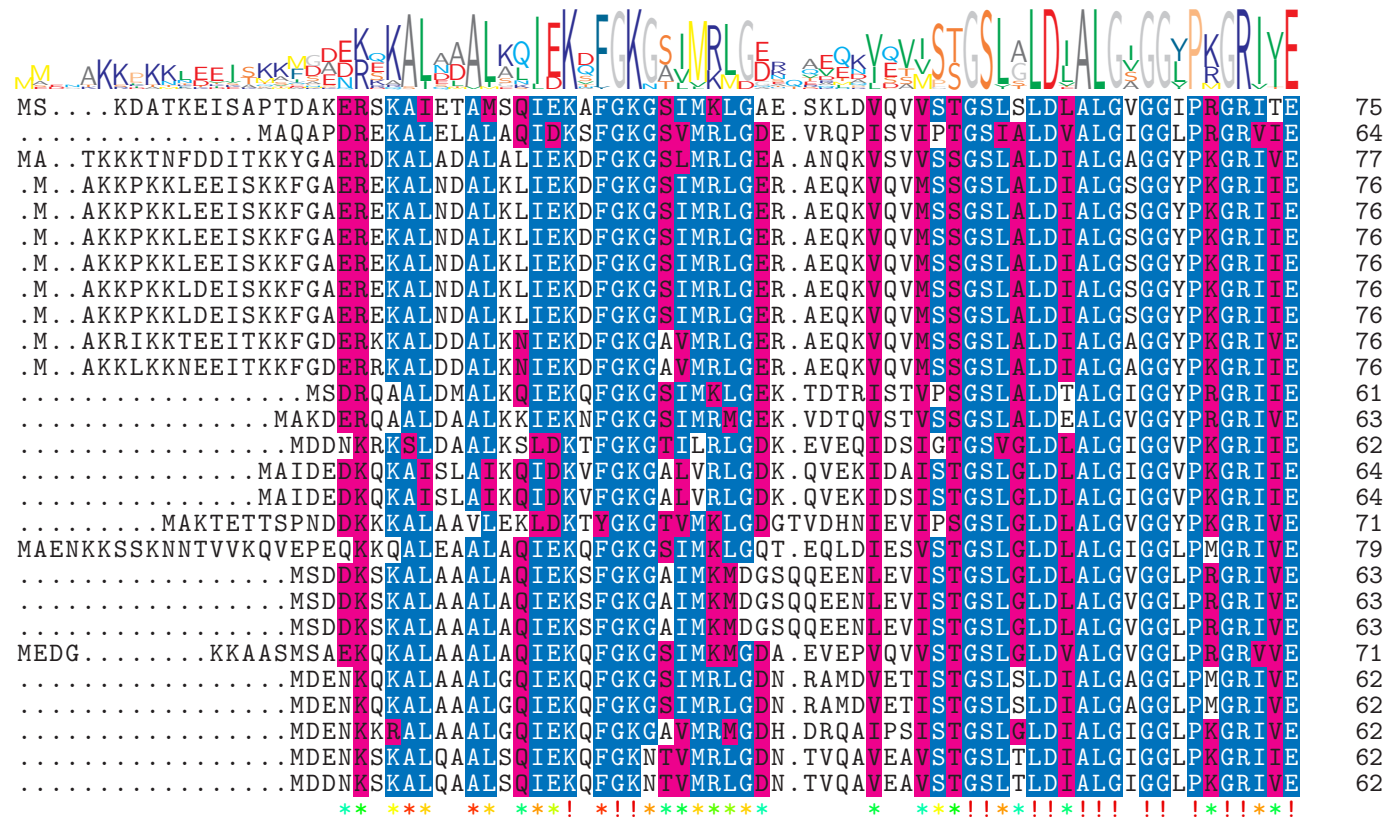


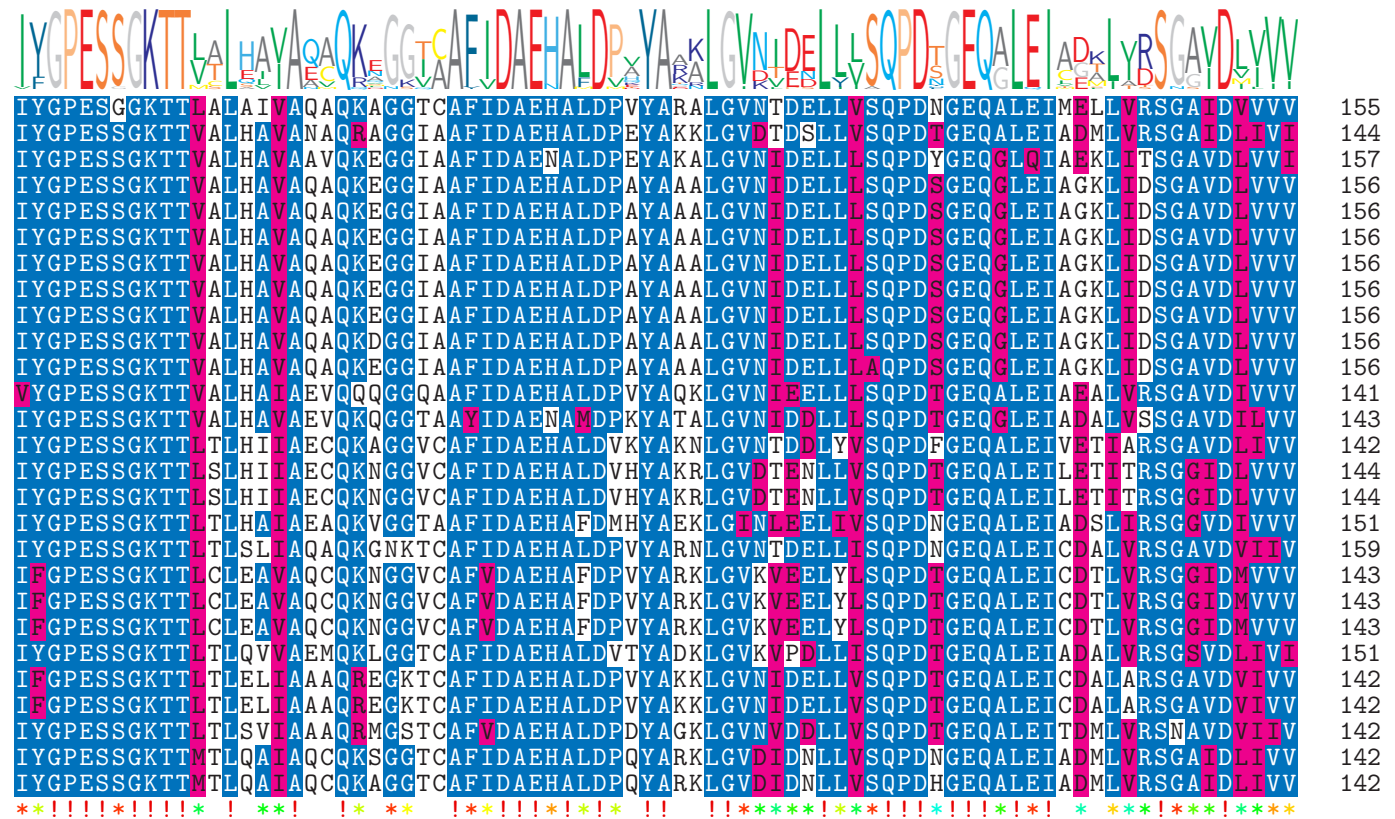
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consensus

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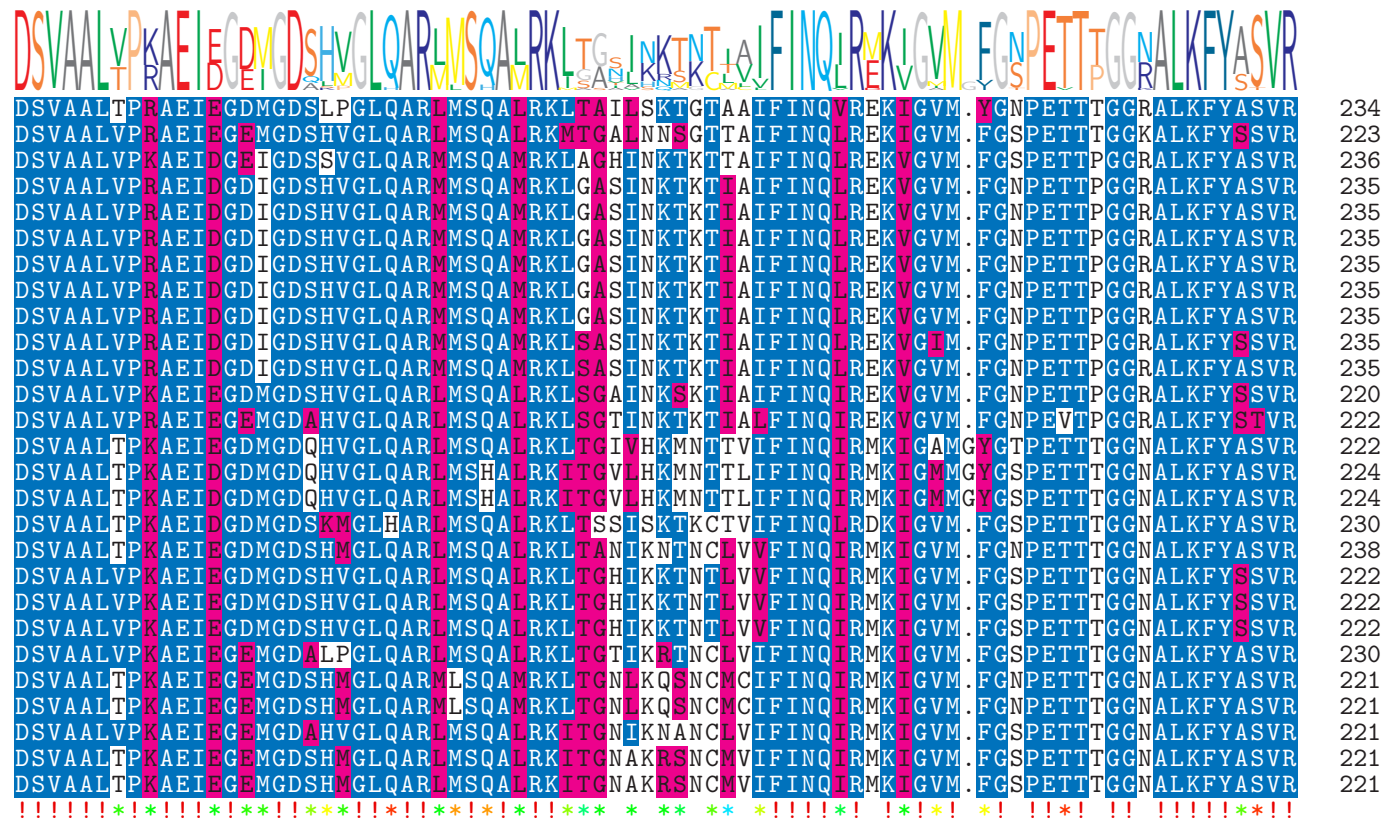
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consensus



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NTDB id 1022 ACIAD RS06390 WP 004925639.1
consensus

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NTDB id 269 KZH43 RS08665 WP 001085462.1	LDVRG	NTQIKGTG.DQKE	TNVGKET	KIKVVKNKV	VAPPF	KEAVV	EIMYG	GEGIS	KTGEL	LKIASDL	DII	IKK	AGAW	YSYKDEK	314	
NTDB id 228 SPD RS09265 WP 001085462.1	LDVRG	NTQIKGTG.DQKE	TNVGKET	KIKVVKNKV	VAPPF	KEAVV	EIMYG	GEGIS	KTGEL	LKIASDL	DII	IKK	AGAW	YSYKDEK	314	
NTDB id 194 SPR RS08825 WP 001085462.1	LDVRG	NTQIKGTG.DQKE	TNVGKET	KIKVVKNKV	VAPPF	KEAVV	EIMYG	GEGIS	KTGEL	LKIASDL	DII	IKK	AGAW	YSYKDEK	314	
NTDB id 159 SP RS09750 WP 001085462.1	LDVRG	NTQIKGTG.DQKE	TNVGKET	KIKVVKNKV	VAPPF	KEAVV	EIMYG	GEGIS	KTGEL	LKIASDL	DII	IKK	AGAW	YSYKDEK	314	
NTDB id 499 SM12261 RS08315 WP 078228268.1	LDVRG	STQIKGTG.DQK	DTNVG	KETKIKVVKNKV	VAPPF	KEAFV	EIMYG	GEGIS	KTGEL	LKIASDL	DII	IKK	AGAW	YSYKDEK	314	
NTDB id 527 SMSK321 RS11065 WP 001085454.1	LDVRG	STQIKGTG.DQK	DTNVG	KETKIKVVKNKV	VAPPF	KEAFV	EIMYG	GEGIS	KTGEL	LKIASDL	DII	IKK	AGAW	YSYKDEK	314	
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NTDB id 115 BSU 16940 NP 389576.2	LEVRR	AEQLKQGN....	DVMGN	KTKIKVVKNKV	VAPPF	RTAEV	DIMYG	GEGIS	KEGEI	IDLG	TELDI	VQK	SGS	WYSYEEER	295	
NTDB id 625 LCA RS02525 WP 011374196.1	LEVRR	AETIKNGT....	DMIGN	RAIKVVKNKV	VAPPF	KVAEV	DIMYG	GGIS	RTGEL	VDMAVE	KDI	INK	SGS	WYSYGSER	297	
NTDB id 1245 Cj1673c YP 002345041.1	LDVRK	VAT....L.KQNE	EPIGN	RVKVVKNKV	VAPPF	RQAEF	DVMF	GEGLS	R	EGEL	IDYG	VKLDI	VDK	SGAW	FYSYKDKK	297
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NTDB id 1123 OK783 RS03845 WP 003688695.1	LDIRRT	TGS....I.KKG	EEVLGN	ETRVKVI	KNKVAPP	FRQAEF	DILY	GEGIS	WEGEL	IDIG	VKNDI	INK	SGAW	YSYNGAK	297	
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NTDB id 1205 PSJM300 05545 AFN77183.1	LDIRRT	GA....V.KEG	DEVVGS	ETRVKVVKNKV	VAPPF	RQAEF	QILY	GKG	IYRN	GEIID	LG	VQGL	VEK	SGAWYAYK	GSK	296
NTDB id 1074 ABD1 RS10195 WP 000344167.1	LDIRRI	GQ....V.KEG	DEIVGS	ETRVKVVKNK	MAPPF	KEAIF	QILY	GKG	TNQL	GELVD	LAVQQ	DIV	QK	AGAW	YSYQGNK	296
NTDB id 1022 ACIAD RS06390 WP 004925639.1	LDIRRI	GQ....V.KEG	DEIVGS	ETRVKVVKNK	MAPPF	REAI	FQILY	GKG	VNQL	GELVD	LAVQQ	NIV	QK	AGAW	YSYQGNK	296
consensus	***!*		*	**	*****!*****!*	*	*****!*****	*****	***	***	! !*****!	*				

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NTDB id 408 SMU RS09530 WP 002262392.1	IGQGSSENAKKFLADNPEIFDDIDHKVVRVQYGLIEEDNTEEKQSSKEK.....ETDEK..ADKNLVLELDDTIELED..	383
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NTDB id 1211 C694 RS00795 WP 000963128.1	LGQGGRENAKALLKEDKALADEITLTIKESIGSNEEIMPLPDEP..LEEM.E.....	347
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NTDB id 1142 GTF74 RS11550 WP 000344154.1	IGQGGKANACKYLVKENPEIAKTLDKKLREMLLNPNENMQLIAETSSAADDV.EFGAV.....PEEF.....	354
NTDB id 1205 PSJM300 05545 AFN77183.1	IGQGGKANAAKYLEENPEIGQEIEQQIRAKLLVTSANTKATPVAEDLADA.D..I.....	347
NTDB id 1074 ABD1 RS10195 WP 000344167.1	IGQGGKNNVIRYFEENNQIAEEIERNIREQLLTTGTNGAVQ.I.EDEEEP.D..LL.....LES.....	349
NTDB id 1022 ACIAD RS06390 WP 004925639.1	IGQGGKNNVIRYLEENPQISTEIEAVIREQLLTKASDQTAA.HDETEEEP.D..LL.....ES.....	349
consensus	*!!!!***** ** ***** ***** ** ** *	

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