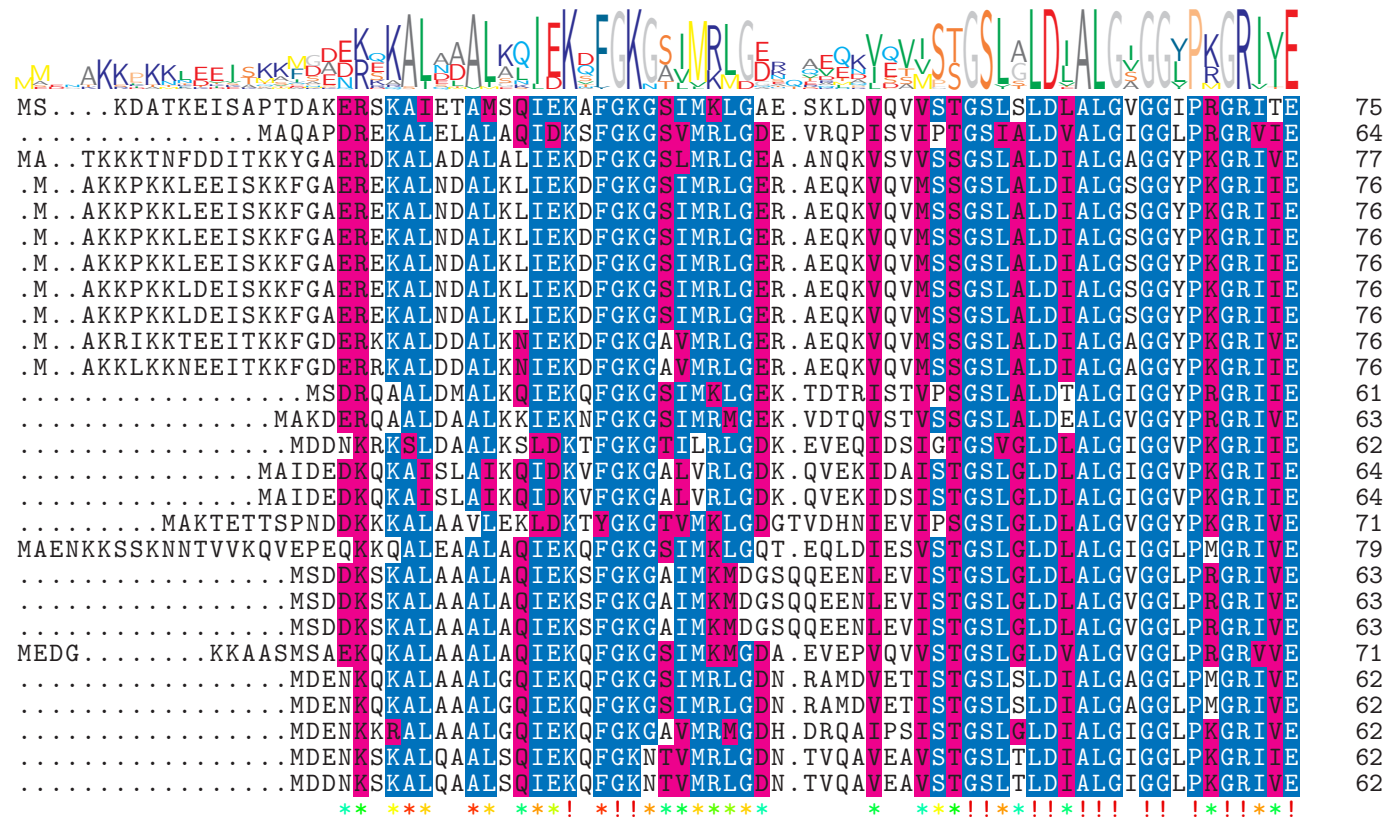


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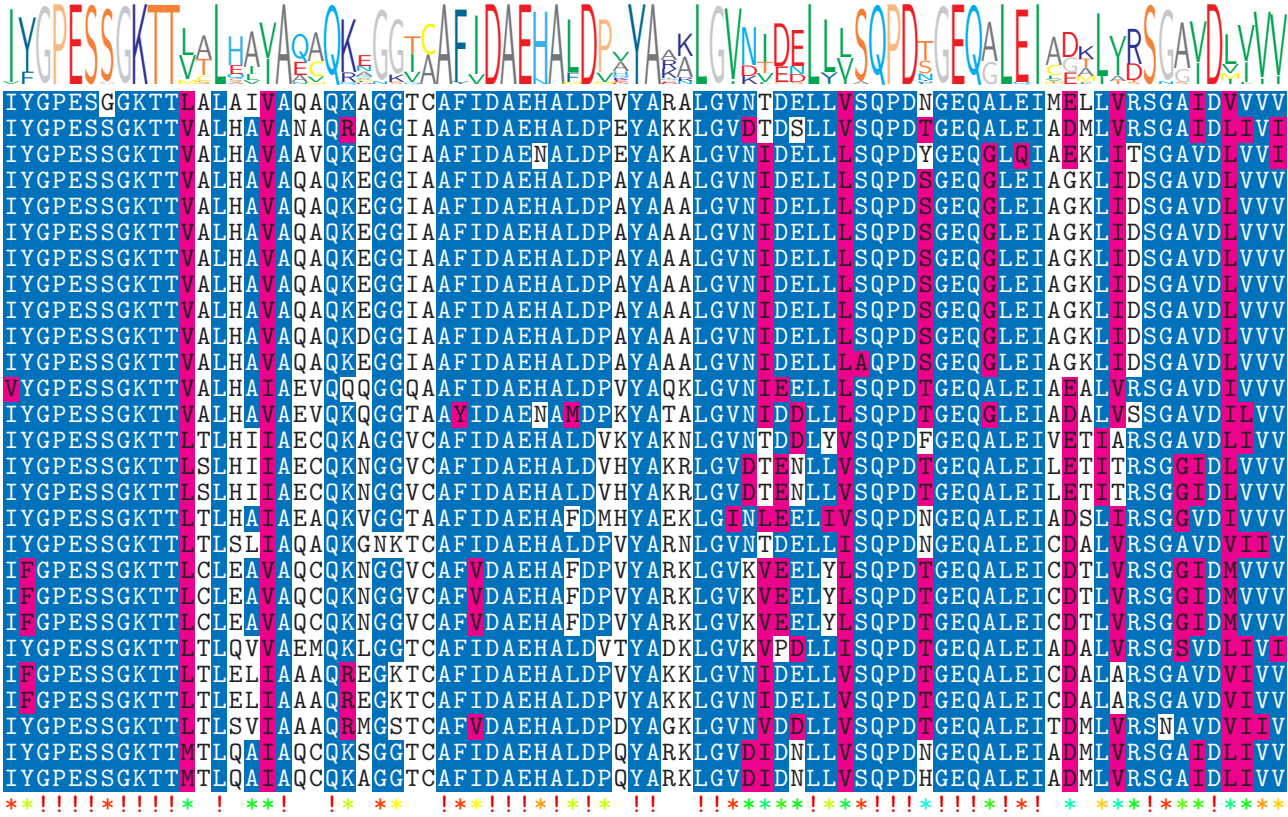
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consensus

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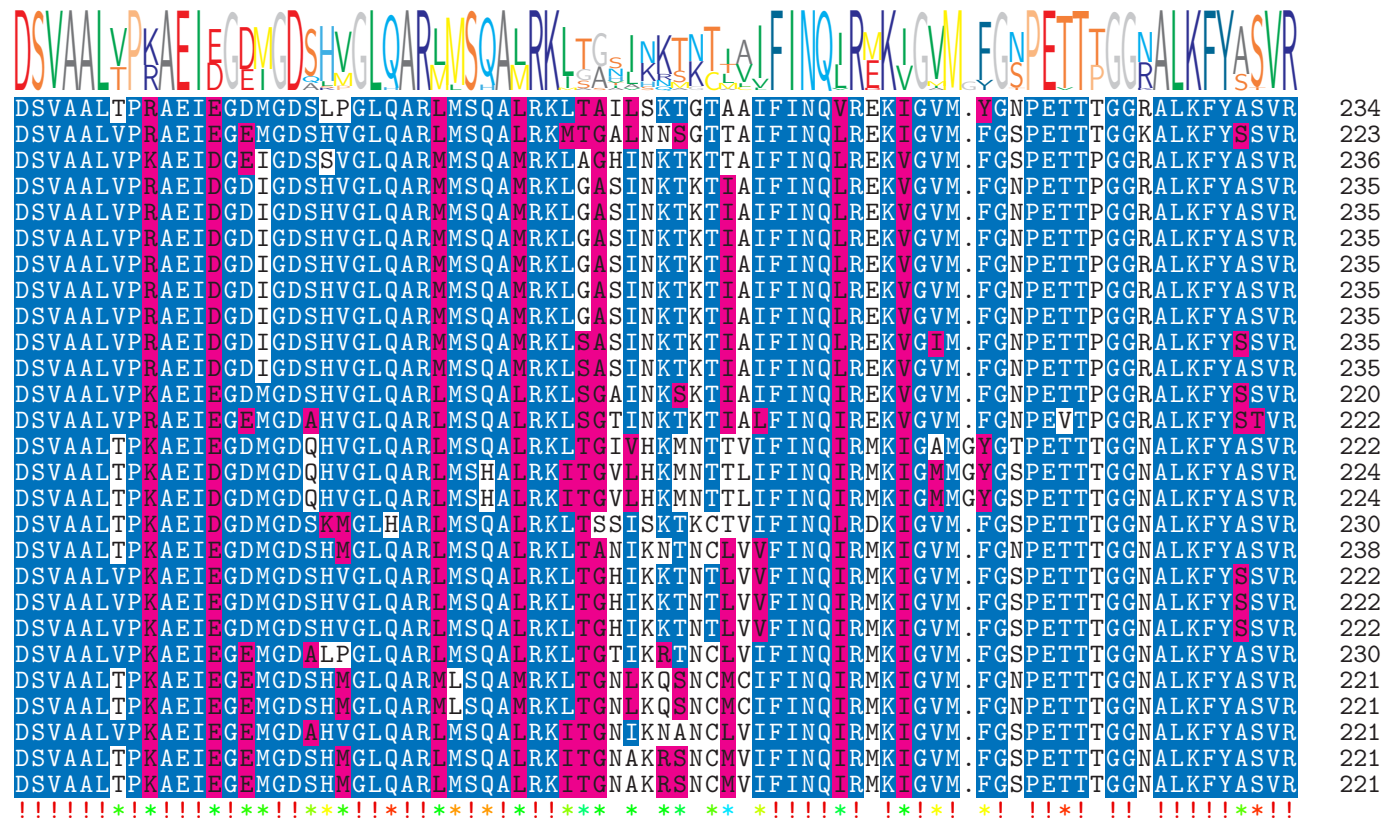
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NTDB id 1022 ACIAD RS06390 WP 004925639.1
consensus



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NTDB id 1074 ABD1 RS10195 WP 000344167.1
NTDB id 1022 ACIAD RS06390 WP 004925639.1
consensus



logo

NTDB id 1313 DR RS12030 WP 010888966.1	LDVRRIGQ...PTKVGND	AVANTV	IKTVKNKVA	APFKE	VELAL	VYGKG	GFDQLS	DLVGL	AADMD	I	IKK	AGS	FYSY	GDER	310				
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NTDB id 194 SPR RS08825 WP 001085462.1	LDVRG	NTQIKGTG.DQKETN	VGKETK	IKVVKNKV	VAPPF	KEAVV	EIMYGEGIS	KTGEL	LKLI	ASDL	DI	IKKAG	AWYSYK	DEK	314				
NTDB id 159 SP RS09750 WP 001085462.1	LDVRG	NTQIKGTG.DQKETN	VGKETK	IKVVKNKV	VAPPF	KEAVV	EIMYGEGIS	KTGEL	LKLI	ASDL	DI	IKKAG	AWYSYK	DEK	314				
NTDB id 499 SM12261 RS08315 WP 078228268.1	LDVRG	STQIKGTG.DQKDTN	VGKETK	IKVVKNKV	VAPPF	KEAFV	EIMYGEGIS	KTGEL	LKLI	ASDL	DI	IKKAG	AWYSYK	DEK	314				
NTDB id 527 SMSK321 RS11065 WP 001085454.1	LDVRG	STQIKGTG.DQKDTN	VGKETK	IKVVKNKV	VAPPF	KEAFV	EIMYGEGIS	KTGEL	LKLI	ASDL	DI	IKKAG	AWYSYK	DEK	314				
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NTDB id 115 BSU 16940 NP 389576.2	LEVRR	AEQLKQGN....D	VMGNK	TKIKVVKNKV	VAPPF	RTAEV	DIMYGEGIS	KEGE	ITID	L	GTELD	IVQK	SGSW	YSYEEER	295				
NTDB id 625 LCA RS02525 WP 011374196.1	LEVRR	AETIKNGT....D	IGNRA	RIKVVKNKV	VAPPF	KVAEV	DIMYGGIS	RTGEL	VDM	AVEK	DI	INKSG	SWSYG	SER	297				
NTDB id 1245 Cj1673c YP 002345041.1	LDVRK	VAT....L.KQNE	EEP	IGNRV	KVVKNKV	VAPPF	RQAEF	DVMF	GEGLS	REGEL	IDYGV	KLD	IVDK	SGAWFSY	KDKK	297			
NTDB id 1214 NCTC11637 00359 SQJ03206.1	IDIRRI	AA....L.KQNE	EQH	IGNRA	KA	KVVKNKV	VAPPF	REAEF	DIMF	GEGIS	KEGE	ITIDY	GVKLD	IVDK	SGAWLSY	QDKK	299		
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NTDB id 1334 RAOC RS04870 WP 004918236.1	IDIRRS	LSDTGKIKDKS	GEV	IGNRT	TKV	KVVKNKV	VAPPF	KS	AEF	DIMYGEG	VSKVGE	ILD	V	ATDLD	DI	IQKSGSWFSY	QDTK	310	
NTDB id 1389 A4U84 RS07560 WP 021112712.1	LDIRRC	GV....V.KDGE	IEI	IGSETK	VKVVKNKV	VAPPF	REVQF	DIMYGEGIS	RMNELL	LILAE	ANGFI	KKSG	AWFSY	DGDK	313				
NTDB id 1130 NGFG RS03960 WP 003688695.1	LDIRRT	TGS....I.KKGE	EEVL	GNETR	VKV	IKNKV	VAPPF	RQAEF	DILYGE	GISWEGEL	IDIGV	KNDI	INKSG	AWYSYN	GAK	297			
NTDB id 1124 NGFG RS03960 WP 003688695.1	LDIRRT	TGS....I.KKGE	EEVL	GNETR	VKV	IKNKV	VAPPF	RQAEF	DILYGE	GISWEGEL	IDIGV	KNDI	INKSG	AWYSYN	GAK	297			
NTDB id 1123 OK783 RS03845 WP 003688695.1	LDIRRT	TGS....I.KKGE	EEVL	GNETR	VKV	IKNKV	VAPPF	RQAEF	DILYGE	GISWEGEL	IDIGV	KNDI	INKSG	AWYSYN	GAK	297			
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NTDB id 1205 PSJM300 05545 AFN77183.1	LDIRRT	GA....V.KEGE	DEV	VG	SETR	VKVVKNKV	VAPPF	RQAEF	QILY	GKG	GTIY	RNGE	ITID	LG	VQQGL	VEK	SGAWYAY	KGSK	296
NTDB id 1074 ABD1 RS10195 WP 000344167.1	LDIRRI	GQ....V.KEGE	DEI	VG	SETK	VKVVKNK	MAPPF	KEAIF	QILY	GKG	TNQL	LGELVD	LAVQQ	DIVQ	KAGAWYSY	QGNK	296		
NTDB id 1022 ACIAD RS06390 WP 004925639.1	LDIRRI	GQ....V.KEGE	DEI	IG	SETK	VKVVKNK	MAPPF	REAI	FQILY	GKG	VNQL	LGELVD	LAVQQ	NIVQ	KAGAWYSY	QGNK	296		
consensus	***!*		*	*	*	*****!*****!*	*	*****!*****	*****	*	***	!	!*****!	*					

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NTDB id 1130 NGFG RS03960 WP 003688695.1	IGQGGKDNVRVWLNKENPEISDEIDAKIRALNGVEMHITEGTQDET.....DGER.....PEE.....	348
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NTDB id 1427 RS RS02760 WP 011000510.1	IGQGRDNCREFLRENAELAREIENKVREHLGVTPMGAVTLA.EEVEED.....	352
NTDB id 1165 A1552VC RS01565 WP 000344154.1	IGQGGKANACKYVWLNKENPEIAKTLDKKLREMLLNPNENMQLIAETSSAADDV.EFGAV.....PEEF.....	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	IGQGGKANACKYVWLNKENPEIAKTLDKKLREMLLNPNENMQLIAETSSAADDV.EFGAV.....PEEF.....	354
NTDB id 1205 PSJM300 05545 AFN77183.1	IGQGGKANAAKYLEENPEIGQIEEQIRAKLLVTSANTKATPVAEDLADA.D..I.....	347
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NTDB id 1022 ACIAD RS06390 WP 004925639.1	IGQGGKNNVIRYLEENPQISTEIEAVIREQLLTKASDQTAA.HDETEEEP.D..LL.....ES.....	349
consensus	*!!!!***** ** ***** ***** ** ** *	

- [X] non conserved
- [X] similar
- [X] ≥ 50% conserved