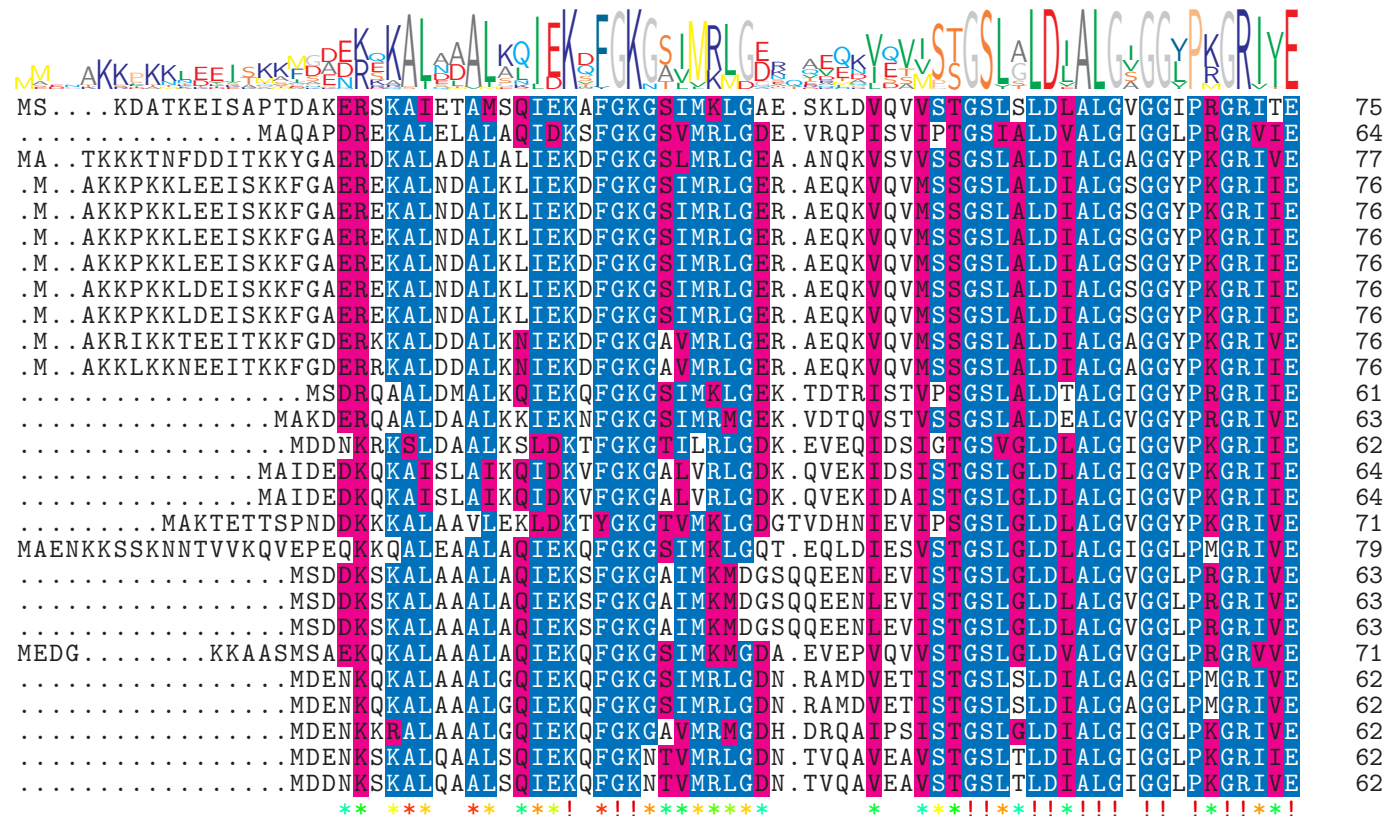


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consensus

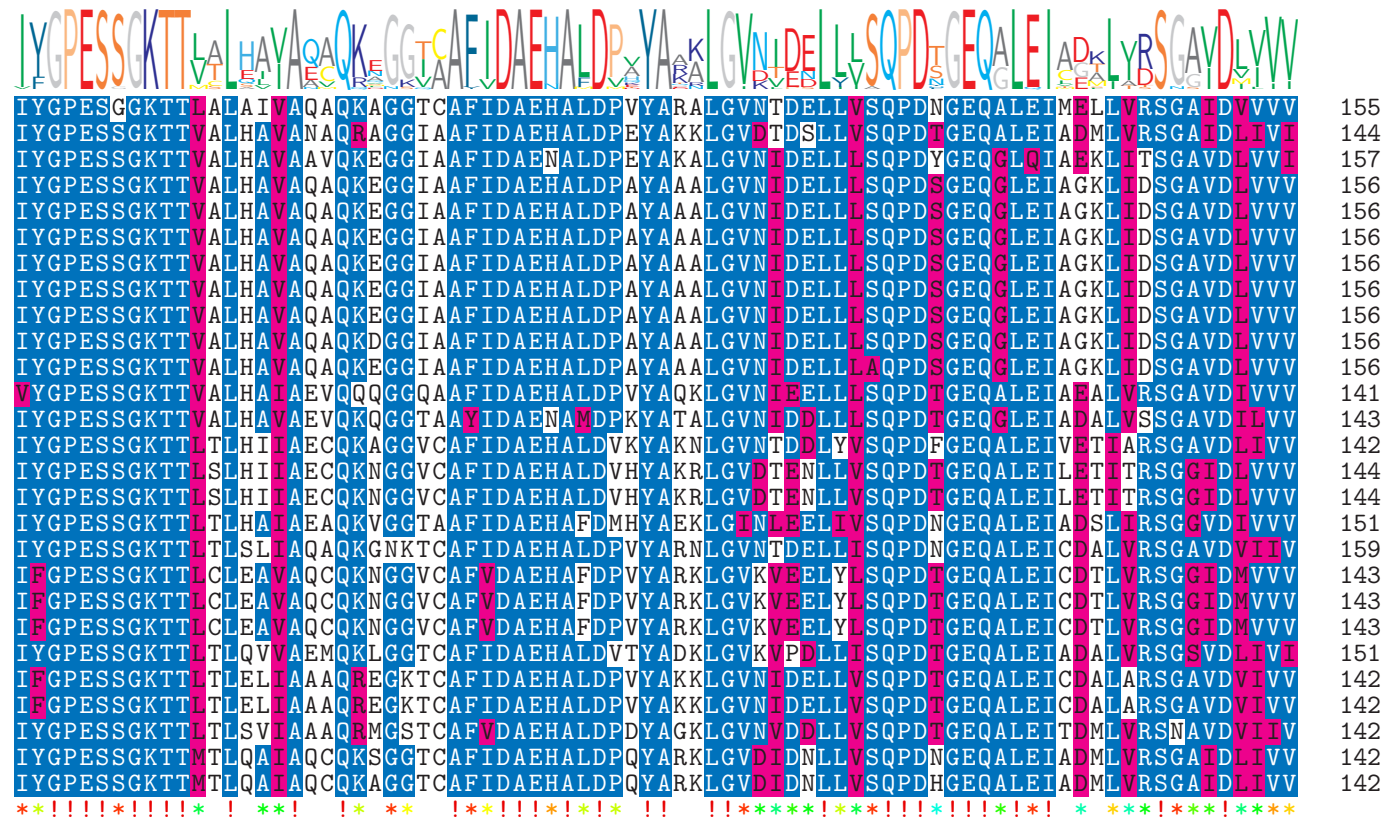
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consensus

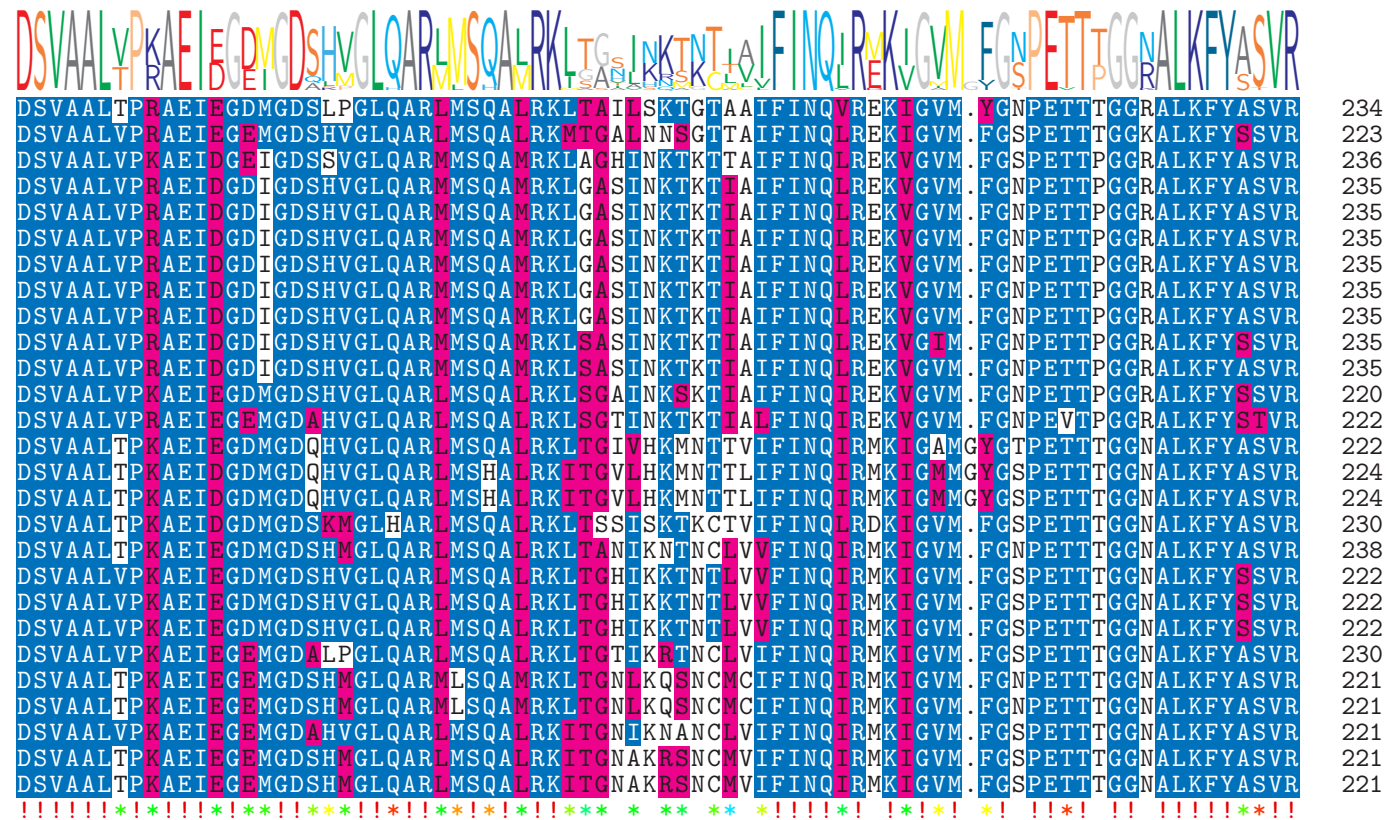
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NTDB id 1022 ACIAD RS06390 WP 004925639.1
consensus

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NTDB id 1313 DR RS12030 WP 010888966.1	LDVRRIGQ...PTKVGND	AVANTV	IKTVKNKVA	APPFKE	VELAL	VYCGKG	FDQLS	DLVGL	AADMD	I	IKKAG	SFYSY	GDER	310					
NTDB id 186152 BAB75 RS16445 WP 043078007.1	LDVRR	IETLKDGT....EAV	GNRT	RVKVVKNKV	SPPFK	QAEFD	DILYGK	GISKE	GLIDM	MGVEQ	GFIRK	SGSWFTY	YEGEQ	298					
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NTDB id 159 SP RS09750 WP 001085462.1	LDVRG	NTQIKGTG.DQKETN	VGKETIK	IKVVKNKV	VAPPFKE	AVVEIMY	GEGIS	KTGELL	KIASDL	DI	IKKAG	AWYSYKDEK	314						
NTDB id 499 SM12261 RS08315 WP 078228268.1	LDVRG	STQIKGTG.DQKDTN	VGKETIK	IKVVKNKV	VAPPFKE	AFVEIMY	GEGIS	KTGELL	KIASDL	DI	IKKAG	AWYSYKDEK	314						
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NTDB id 115 BSU 16940 NP 389576.2	LEVRR	AEQLKQGN.....D	VMGNK	TKIKVVKNKV	VAPPFR	TAEVD	IMY	GEGIS	KEGETI	IDLG	TELDI	VQKSG	SWSYEEER	295					
NTDB id 625 LCA RS02525 WP 011374196.1	LEVRR	AETIKNGT.....D	IGNRA	RIKVVKNKV	VAPPFK	V	AEVDIMY	GQGIS	RTGEL	VDMA	VEKDI	I	INKSG	SWSYGSER	297				
NTDB id 1245 Cj1673c YP 002345041.1	LDVRK	VAT...L.KQNE	EP	IGNRV	KVVKNKV	VAPPFR	QAEFD	VMFG	EGLS	REGEL	IDYGV	KLDI	VDKSG	AWFSYKDKK	297				
NTDB id 1211 C694 RS00795 WP 000963128.1	IDIRRI	AS....L.KQNE	EQH	IGNRA	KA	KVVKNKV	VAPPFR	EAEFD	IMFG	GEGIS	KEGETI	IDYGV	KLDI	VDKSG	AWLSYQDKK	299			
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NTDB id 1334 RAOC RS04870 WP 004918236.1	IDIRRS	LSLSDTG	KIKDKS	GEVIGN	RTKV	KVVKNKV	VAPPFK	S	AEFDIMY	GEGV	SKVGE	ILDV	ATDLD	I	QKSGSWFSYQDTK	310			
NTDB id 1389 A4U84 RS07560 WP 021112712.1	LDIRRC	CGV...V.KDG	DEI	IGSETK	VKVVKNKV	VAPPFR	REVQF	DIMY	GEGIS	RMNELL	ILAE	ANGFI	KKSGAW	FSYDGT	K	313			
NTDB id 1130 NGFG RS03960 WP 003688695.1	LDIRRT	TGS....I.KKG	EEVL	GNETRV	KVIKNKV	VAPPFR	QAEFD	DILY	GEGIS	WEGEL	IDIGV	KNDI	INKSG	AWYSYNGAK		297			
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NTDB id 1123 OK783 RS03845 WP 003688695.1	LDIRRT	TGS....I.KKG	EEVL	GNETRV	KVIKNKV	VAPPFR	QAEFD	DILY	GEGIS	WEGEL	IDIGV	KNDI	INKSG	AWYSYNGAK		297			
NTDB id 1427 RS RS02760 WP 011000510.1	LDIRRI	IGS....I.KKG	DEV	VGN	ETKV	KVVKNKV	VAPPFR	E	AI	F	DILY	GAGV	S	REGEI	IDLG	V	EAKVVEKSGAWYSYNGER	R	305
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NTDB id 1142 GTF74 RS11550 WP 000344154.1	LDIRRT	TGA....I.KEG	EEV	VGN	ETRI	KVVKNK	IA	APPFKE	ANTQ	IMY	GQGF	N	REGEL	IDLG	V	KHKMVEKSGAWYSYNGDK		296	
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NTDB id 1074 ABD1 RS10195 WP 000344167.1	LDIRRI	IGQ....V.KEG	DEI	VG	SETRV	KVVKNK	M	APPFK	E	AI	FQILY	GKG	TNQL	GELVD	LAV	QQDIV	QKAGAWYSYQGNK		296
NTDB id 1022 ACIAD RS06390 WP 004925639.1	LDIRRI	IGQ....V.KEG	DEI	IG	SETRV	KVVKNK	M	APPFR	E	AI	FQILY	GKG	V	NQLGELVD	LAV	QQNIV	QKAGAWYSYQGNK		296
consensus	***!*		*	*	*	*	*****!*****!*	*	*	*****!*****	*****	*	***	!	!*****!	*			

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NTDB id 1313 DR RS12030 WP 010888966.1	IGQGKEKTIAYIAERPMEQEIRDRVMAAIRAGNAGEAPALAPAPAA.....PEAAEA.....	363
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NTDB id 1214 NCTC11637 00359 SQJ03206.1	LGQGGRENAKALLKEDKALADEITLTIKESIGSNEEIMPLPDEP..LEEM.E.....	347
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NTDB id 1130 NGFG RS03960 WP 003688695.1	IGQGGKDNVRVWLKENPEISDEIDAKIRALNGVEMHITEGTQDET.....DGER.....PEE.....	348
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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