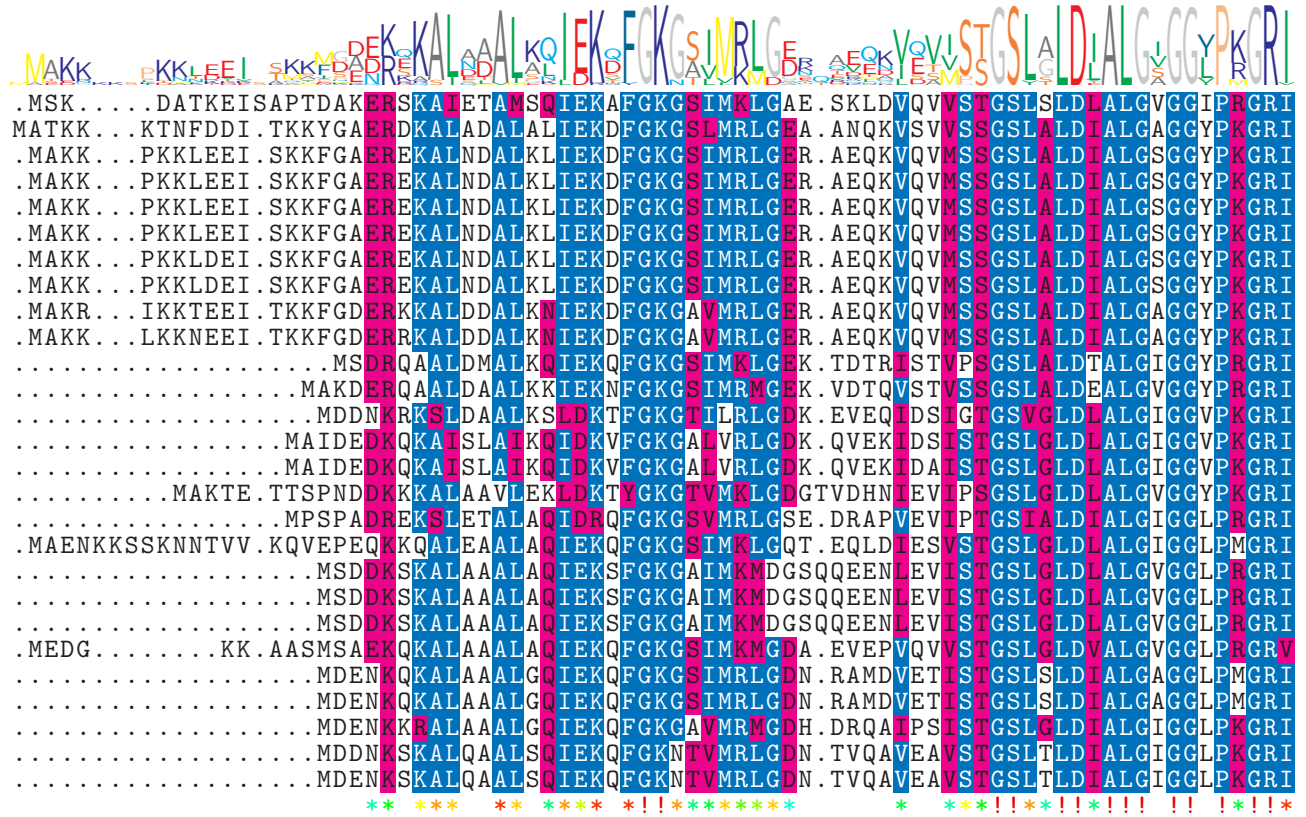


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consensus

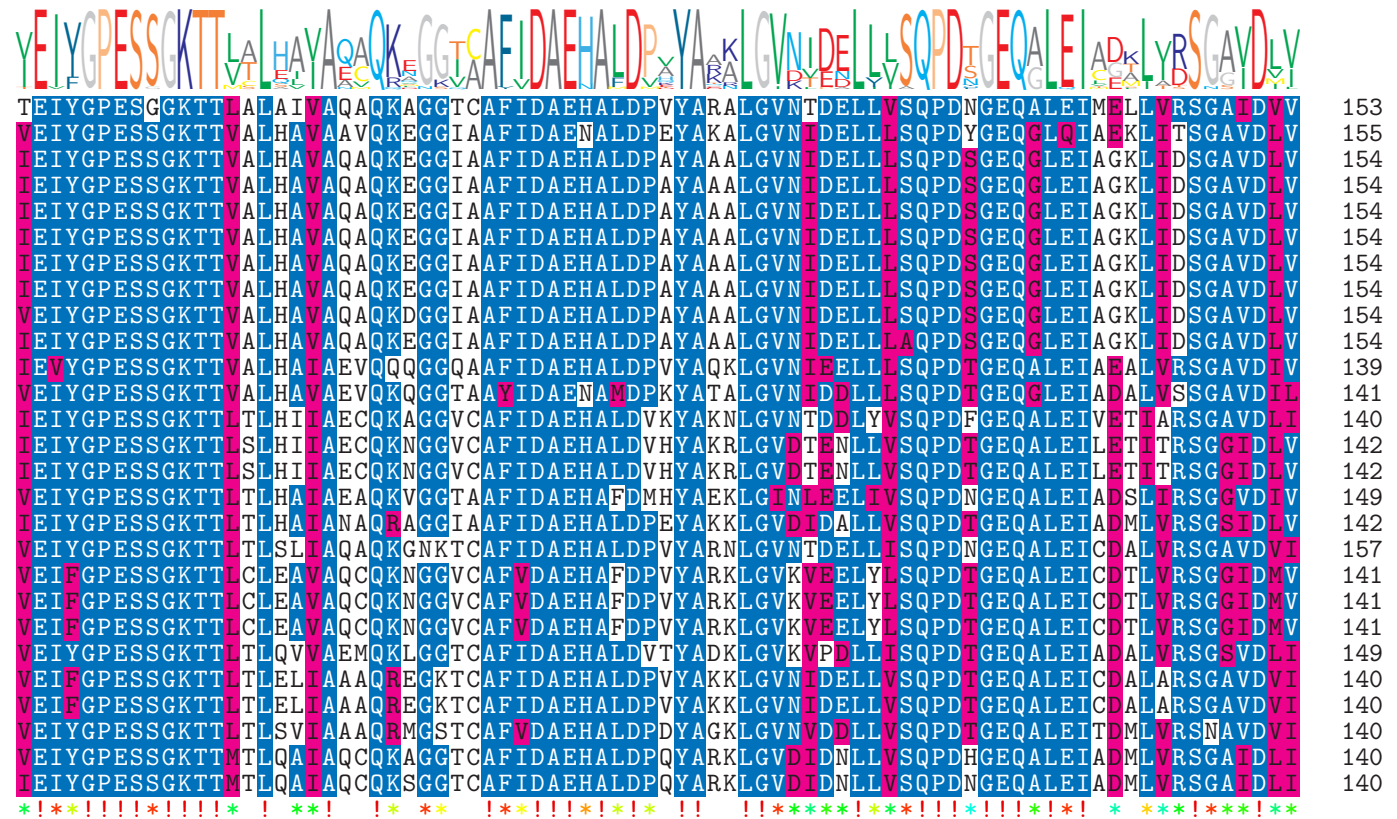
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consensus

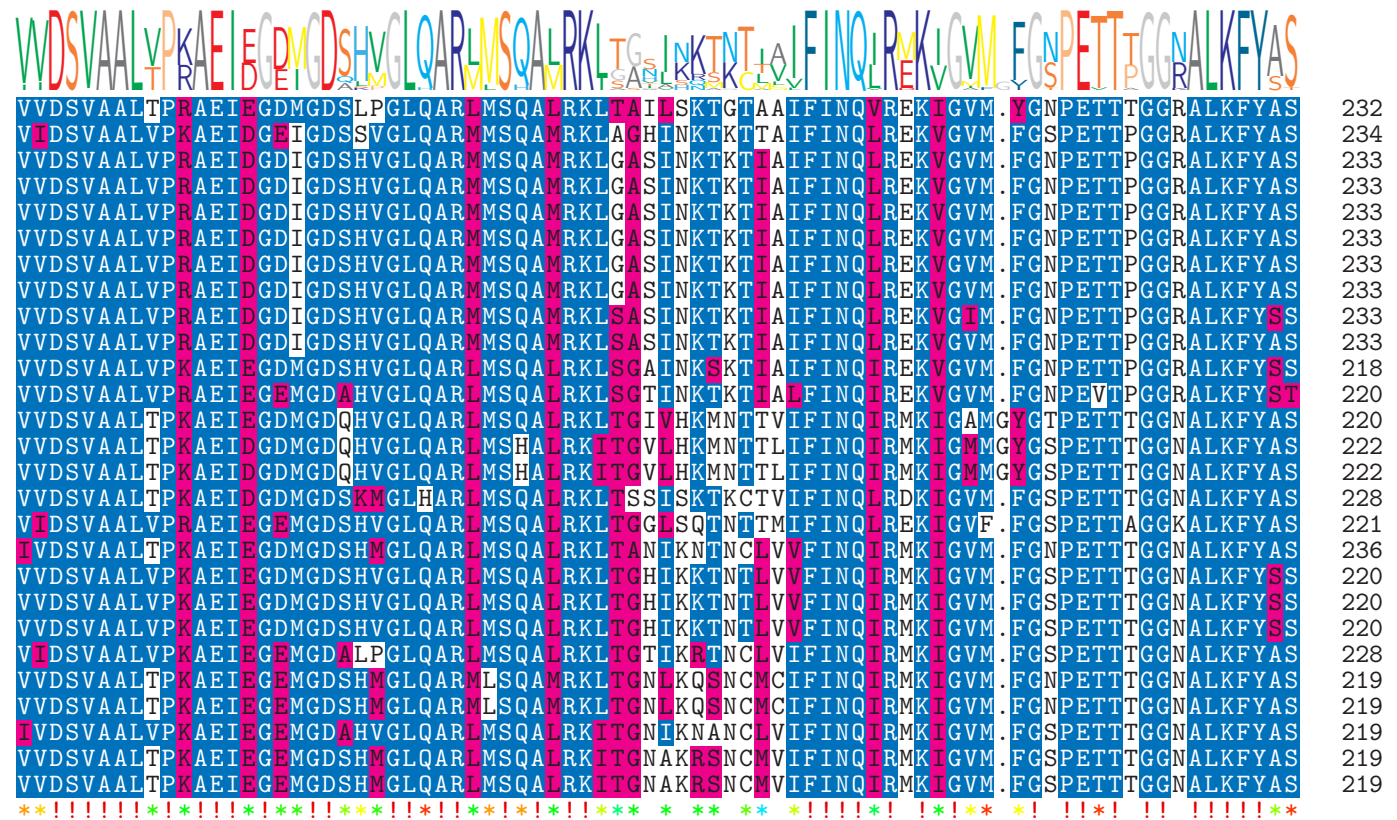
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consensus

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NTDB id 269 KZH43 RS08665 WP 001085462.1	VRLDVRGNTQIKGTG.DQKET	NVGKET	KIKVVKNKV	VAPPFK	EAVVE	IMYG	EGIS	KTGELL	KI	ASDL	DI	TKKAGA	WYSY	KD	312	
NTDB id 228 SPD RS09265 WP 001085462.1	VRLDVRGNTQIKGTG.DQKET	NVGKET	KIKVVKNKV	VAPPFK	EAVVE	IMYG	EGIS	KTGELL	KI	ASDL	DI	TKKAGA	WYSY	KD	312	
NTDB id 194 SPR RS08825 WP 001085462.1	VRLDVRGNTQIKGTG.DQKET	NVGKET	KIKVVKNKV	VAPPFK	EAVVE	IMYG	EGIS	KTGELL	KI	ASDL	DI	TKKAGA	WYSY	KD	312	
NTDB id 159 SP RS09750 WP 001085462.1	VRLDVRGNTQIKGTG.DQKET	NVGKET	KIKVVKNKV	VAPPFK	EAVVE	IMYG	EGIS	KTGELL	KI	ASDL	DI	TKKAGA	WYSY	KD	312	
NTDB id 527 SMSK321 RS11065 WP 001085454.1	VRLDVRGSTQIKGTG.DQKDT	NVGKET	KIKVVKNKV	VAPPFK	EAFVE	IMYG	EGIS	KTGELL	KI	ASDL	DI	TKKAGA	WYSY	KD	312	
NTDB id 499 SM12261 RS08315 WP 078228268.1	VRLDVRGSTQIKGTG.DQKDT	NVGKET	KIKVVKNKV	VAPPFK	EAFVE	IMYG	EGIS	KTGELL	KI	ASDL	DI	TKKAGA	WYSY	KD	312	
NTDB id 408 SMU RS09530 WP 002262392.1	VRLDVRGNTQIKGTG.EQKDS	NIGKET	KIKVVKNKV	VAPPFK	EAFVE	IIYG	EGIS	RTGELV	KI	ASDL	GI	IQKAGA	WYSY	NG	312	
NTDB id 453 Spy49 1753c ACI62003.1	VRLDVRGTTQIKGTG.DQKDS	SIGKET	KIKVVKNKV	VAPPFK	VAEVE	IMYG	EGIS	RTGELV	KI	ASDL	DI	IQKAGA	WFSY	NG	312	
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NTDB id 625 LCA RS02525 WP 011374196.1	VRLEVRRAETIKNGT.....	DMIGN	RAIKIKVVKNKV	VAPPFK	VAEVD	IMYG	GGIS	RTGELV	DM	AVEKD	IT	NKSG	SWYS	YGS	295	
NTDB id 1245 Cj1673c YP 002345041.1	VRLDVRKVVAT....L.KQNE	EPIGN	RVKIKVVKNKV	VAPPFR	QAEFD	VMFG	EGEL	SREGEL	ID	YGVK	LDIV	DKSG	AWFS	YKD	295	
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NTDB id 1214 NCTC11637 00359 SQJ03206.1	VRIDIRRIAA....L.KQNE	QHIGN	RAKAKVVKNKV	VAPPFR	EAEFD	IMFG	EGIS	KEGEI	ID	YGVK	LDIV	DKSG	AWLS	YQD	297	
NTDB id 1334 RAOC RS04870 WP 004918236.1	VRIDIRRSLSDTGKIKDKSG	EVIGN	RTKIKVVKNKV	VAPPFK	SAEFD	IMYG	EGV	SKVGE	ILD	VATDL	DI	IQKSG	SWFS	YQD	308	
NTDB id 166789 ATC03 RS12670 WP 067877633.1	VRLDIRRIET....M.KDGTE	AVGN	RTIKVVKNK	MAPPFK	QAEFD	ILYGT	GISRE	GLID	FGVD	QGI	VKKSG	AWTY	YDG	296		
NTDB id 1389 A4U84 RS07560 WP 021112712.1	VRLDIRRCGV....V.KDGDE	IIGSE	TKVKKVVKNKV	VAPPFR	REVQF	DIMYG	EGIS	RMNELL	IL	AEANG	F	IKKSG	AWFS	YDG	311	
NTDB id 1130 NGFG RS03960 WP 003688695.1	VRLDIRRTGS....I.KKGE	EVVGN	ETRVKVI	KNKVAPP	FRQAE	FDILY	GEGIS	WEGEL	ID	IGVKN	DI	INKSG	AWYS	YNG	295	
NTDB id 1124 NGFG RS03960 WP 003688695.1	VRLDIRRTGS....I.KKGE	EVVGN	ETRVKVI	KNKVAPP	FRQAE	FDILY	GEGIS	WEGEL	ID	IGVKN	DI	INKSG	AWYS	YNG	295	
NTDB id 1123 OK783 RS03845 WP 003688695.1	VRLDIRRTGS....I.KKGE	EVVGN	ETRVKVI	KNKVAPP	FRQAE	FDILY	GEGIS	WEGEL	ID	IGVKN	DI	INKSG	AWYS	YNG	295	
NTDB id 1427 RS RS02760 WP 011000510.1	VRLDIRRIGS....I.KKGE	DEVGN	ETKIKVVKNKV	VAPPFR	EAI	FDILY	GAGVS	REGEI	ID	LGVE	AKV	VEKSG	AWYS	YNG	303	
NTDB id 1165 A1552VC RS01565 WP 000344154.1	VRLDIRRTGA....I.KEGE	EVVGN	ETRIKVVKNK	IAAPF	KEANT	QIMYG	GGFN	REGEL	ID	LGVK	HKM	VVEKSG	AWYS	YNG	294	
NTDB id 1142 GTF74 RS11550 WP 000344154.1	VRLDIRRTGA....I.KEGE	EVVGN	ETRIKVVKNK	IAAPF	KEANT	QIMYG	GGFN	REGEL	ID	LGVK	HKM	VVEKSG	AWYS	YNG	294	
NTDB id 1205 PSJM300 05545 AFN77183.1	VRLDIRRTGA....V.KEGE	DEVV	SETRVKVVKNKV	VAPPFR	QAEF	QILY	GKGI	YRNGE	I	DLGV	QGL	VEKSG	AWY	AYKG	294	
NTDB id 1022 ACIAD RS06390 WP 004925639.1	VRLDIRRIGQ....V.KEGE	DEIIG	SETKVKVVKNK	MAPPFR	EAI	FQILY	GKGV	NQLG	ELVD	LAVQQ	N	IVQK	AGAW	YSY	QG	294
NTDB id 1074 ABD1 RS10195 WP 000344167.1	VRLDIRRIGQ....V.KEGE	DEIIG	SETKVKVVKNK	MAPPFK	EAI	FQILY	GKGT	NQLG	ELVD	LAVQQ	D	IVQK	AGAW	YSY	QG	294
consensus	!!****!	*	**	*****!!!!!!	!!!!!!*	*	*****!****	*****	**	***	!	!!!!!!				

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NTDB id 1313 DR RS12030 WP 010888966.1	ERIGQGKEKTIA ^Y IAERP ^E MEQEIRDRVMAAIRAGNAGEAPALAPAPAA.....PEAAEA.....	363
NTDB id 600 KW2 RS01765 WP 011675413.1	EKIGQGA ^E KA ^K NYLKEHQDV ^F DEIDHKVRAAHGLDDSEVAETEEETTASKT.KAKAKKEEKAVETEEIELELED.....	387
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NTDB id 228 SPD RS09265 WP 001085462.1	EKIGQGS ^E NAK ^K YLA ^E HP ^E IFDEIDKQVRSKFG ^L IDGEEVSEQDTENKKDE.....PKKEEA..VNEEVPLDLGDELEIE	385
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NTDB id 499 SM12261 RS08315 WP 078228268.1	EKIGQGS ^E NAK ^K YLA ^D NPEIFDEIDHQVRVQFGLIDGEEIAE....SKKDE.....AAQVDS..VNEEVTLDLGDELEIE	381
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NTDB id 625 LCA RS02525 WP 011374196.1	ERIGQGR ^E NAK ^N YLA ^D HEDVEDEVRLKVRAAYGTS ^D VPEEDLPTTEDE.QI..NILPDDST.....EE.....	355
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NTDB id 1074 ABD1 RS10195 WP 000344167.1	NKIGQGG ^K NNVIRY ^F EENNQIAEEIERNIREQLLTTGTNGAVQ.I.EDEEEPDLL..LES.....	349
consensus	**!!!***** * * ***** * * * * * * * * * *	

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NTDB id 600 KW2 RS01765 WP 011675413.1	...		387
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NTDB id 499 SM12261 RS08315 WP 078228268.1	IEE		384
NTDB id 408 SMU RS09530 WP 002262392.1	D..		383
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NTDB id 1022 ACIAD RS06390 WP 004925639.1	...		349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	...		349
consensus			

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