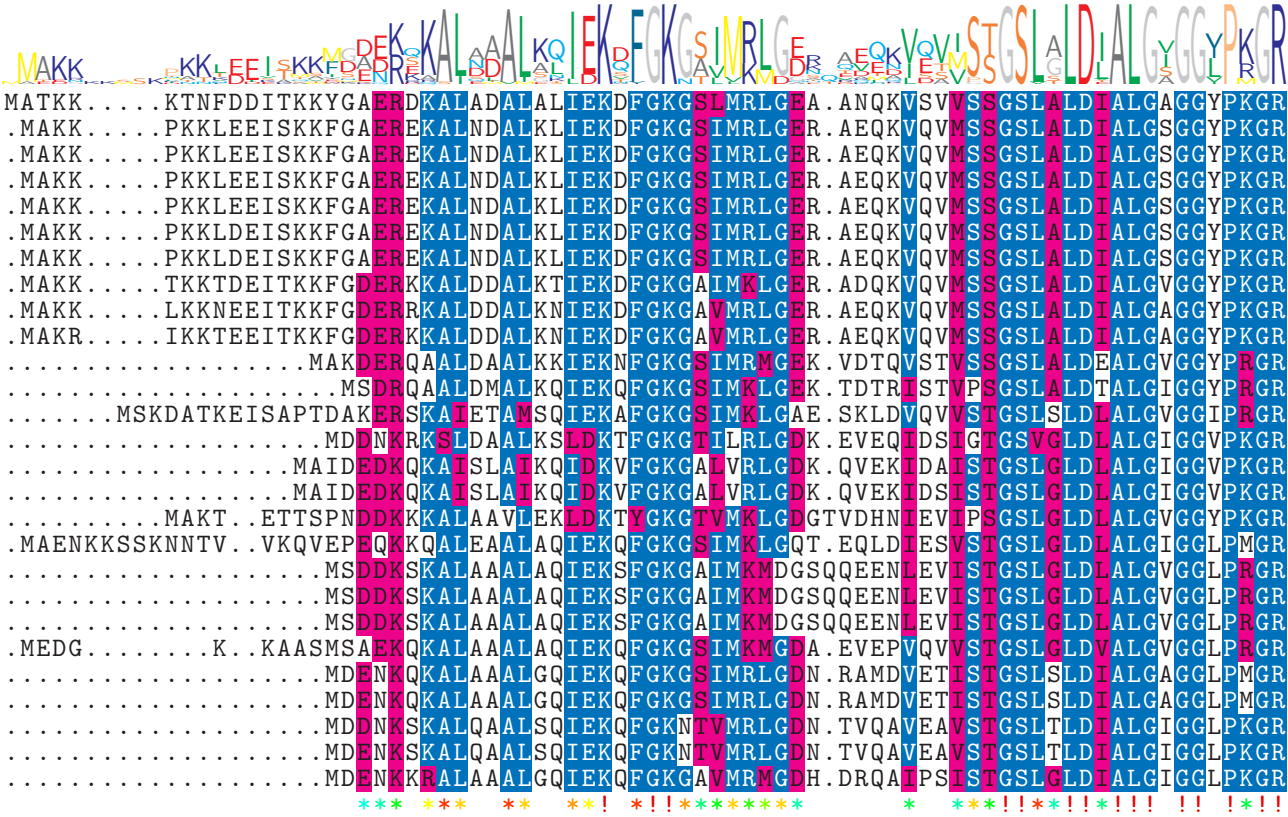


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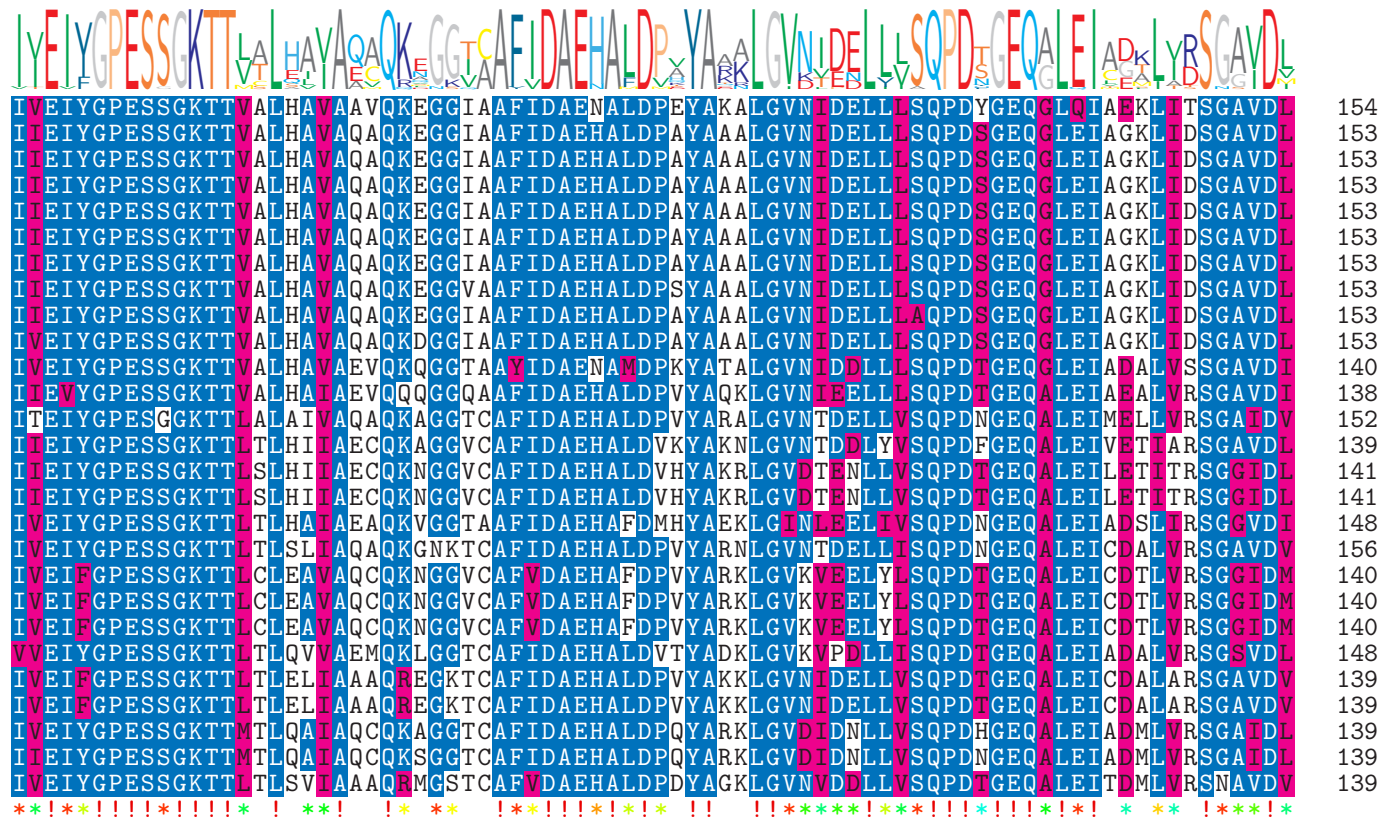


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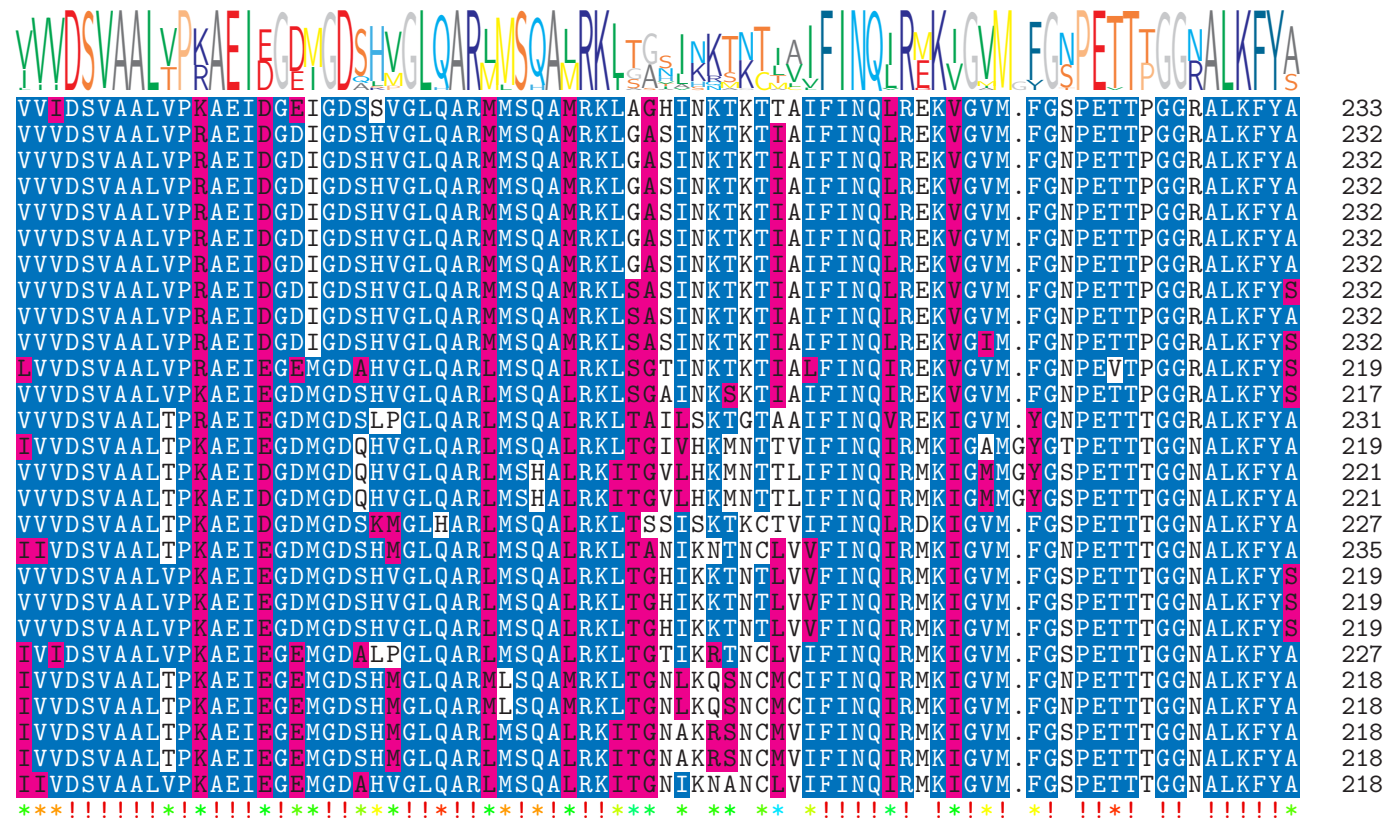
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consensus

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NTDB id 159 SP RS09750 WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETN	VGKETKIKVVKNKVAPPFKEA	AVVEIMYEGEGISKTGEL	LKIASDL	DIIKKAGAWYSYK	311	
NTDB id 527 SMSK321 RS11065 WP 001085454.1	SVRLDVRGSTQIKGTG.DQKDTN	VGKETKIKVVKNKVAPPFKEA	AFVEIMYEGEGISKTGEL	LKIASDL	DIIKKAGAWYSYK	311	
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NTDB id 115 BSU 16940 NP 389576.2	SVRLEVRRAEQLKQGN.....DV	MGNKTKIKVVKNKVAPPFRTA	EV	DIMYEGEGISKEGEI	IDLGTEL	DIVQKSGSWYSYE	292
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NTDB id 1245 Cj1673c YP 002345041.1	SVRLDVRKVAT....L.KQNEEP	IGNRVKVVKNKVAPPFRQA	EF	DVMFGEGLS	REGELIDYGV	KLDIVDKSGAWFSYK	294
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NTDB id 1389 A4U84 RS07560 WP 021112712.1	SVRLDIRRCGV....V.KDGDEI	IGSETKVVKNKVAPPFREVQ	FDIMYEGEGISRMNELLILA	EANGFIKKSGAWFSYD	310		
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NTDB id 1165 A1552VC RS01565 WP 000344154.1	SVRLDIRRTGA....I.KEGEEV	VGNETRIKVVKNKIAAPFKE	ANTQIMYGGFNR	REGELIDLG	GVKHKMVEKSGAWYSYN	293	
NTDB id 1142 GTF74 RS11550 WP 000344154.1	SVRLDIRRTGA....I.KEGEEV	VGNETRIKVVKNKIAAPFKE	ANTQIMYGGFNR	REGELIDLG	GVKHKMVEKSGAWYSYN	293	
NTDB id 1022 ACIAD RS06390 WP 004925639.1	SVRLDIRRIGQ....V.KEGDEI	IGSETKVVKNKMAPPFRE	AI	FIQILYGKGVNQLGEL	VDLAVQQNIVQKAGAWYSYQ	293	
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NTDB id 1205 PSJM300 05545 AFN77183.1	SVRLDIRRTGA....V.KEGDEV	VGSETRVKNKVAPPFRQA	EFQILYGKGIYRNGE	IIDLG	VQQGLVEKSGAWAYK	293	
consensus	*!!**!* *	* ** *****!!*!!*!!*!!* *	*****!!*!!** * ** *	*** ! !*****!			

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NTDB id 600 KW2 RS01765 WP 011675413.1	DEKIGQGA	EKAKNYLKEHQDV	FDEIDHKVRAAHG	LDDSEVAETEEETT	ASKTKAKAKKKEEK	AVETE	EIELELED		387
NTDB id 269 KZH43 RS08665 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTENKK	DE....PKK..	EEAVNEE	VPLDLGDELEIE		385
NTDB id 228 SPD RS09265 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTENKK	DE....PKK..	EEAVNEE	VPLDLGDELEIE		385
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NTDB id 1214 NCTC11637 00359 SQJ03206.1	DKKLGQGS	ENAKALLKEDKAL	ADEITLKIKESIGS	NEEI....MPLPDE	.PL.....	EE....ME			347
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NTDB id 1389 A4U84 RS07560 WP 021112712.1	GTKIGQGS	KNNAVKWLKENPEI	ADKLEQEI RNTLAS	NPNS....VLKATAS	DSN.....	DE...SD	VEEFSEEEL...		372
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NTDB id 1124 NGFG RS03960 WP 003688695.1	GAKIGQGS	KDNVRVWLKENPEI	SDEIDAKIRALNG	VEMHI....TEGTQDE	TG.....	ER.....	PEE.....		348
NTDB id 1123 OK783 RS03845 WP 003688695.1	GAKIGQGS	KDNVRVWLKENPEI	SDEIDAKIRALNG	VEMHI....TEGTQDE	TG.....	ER.....	PEE.....		348
NTDB id 1427 RS RS02760 WP 011000510.1	GERIGQGR	DNCREFLRENAEL	AREIENKVRHLGV	TPMG....AVTLA	.EEVE.....	ED.....			352
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NTDB id 1074 ABD1 RS10195 WP 000344167.1	GNKIGQGS	KNNVIRYLEENPQ	ISTEIEAVIREQLLT	GTN....GAVQ	.I.EDE.....	EE...PD	LL..LES.....		349
NTDB id 1205 PSJM300 05545 AFN77183.1	GSKIGQGS	KANAACKYLEENPEI	IGQIEEQIRAKLL	VTSAN....TKATP	VAAEDL.....	AD...AD	I.....		347
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NTDB id 194 SPR RS08825 WP 001085462.1	IEE	388	
NTDB id 159 SP RS09750 WP 001085462.1	IEE	388	
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NTDB id 499 SM12261 RS08315 WP 078228268.1	IEE	384	
NTDB id 293548 DLJ52 RS10050 WP 002960557.1	E..	380	
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NTDB id 1074 ABD1 RS10195 WP 000344167.1	...	349	
NTDB id 1205 PSJM300 05545 AFN77183.1	...	347	
consensus			

-  non conserved
-  similar
-  ≥ 50% conserved