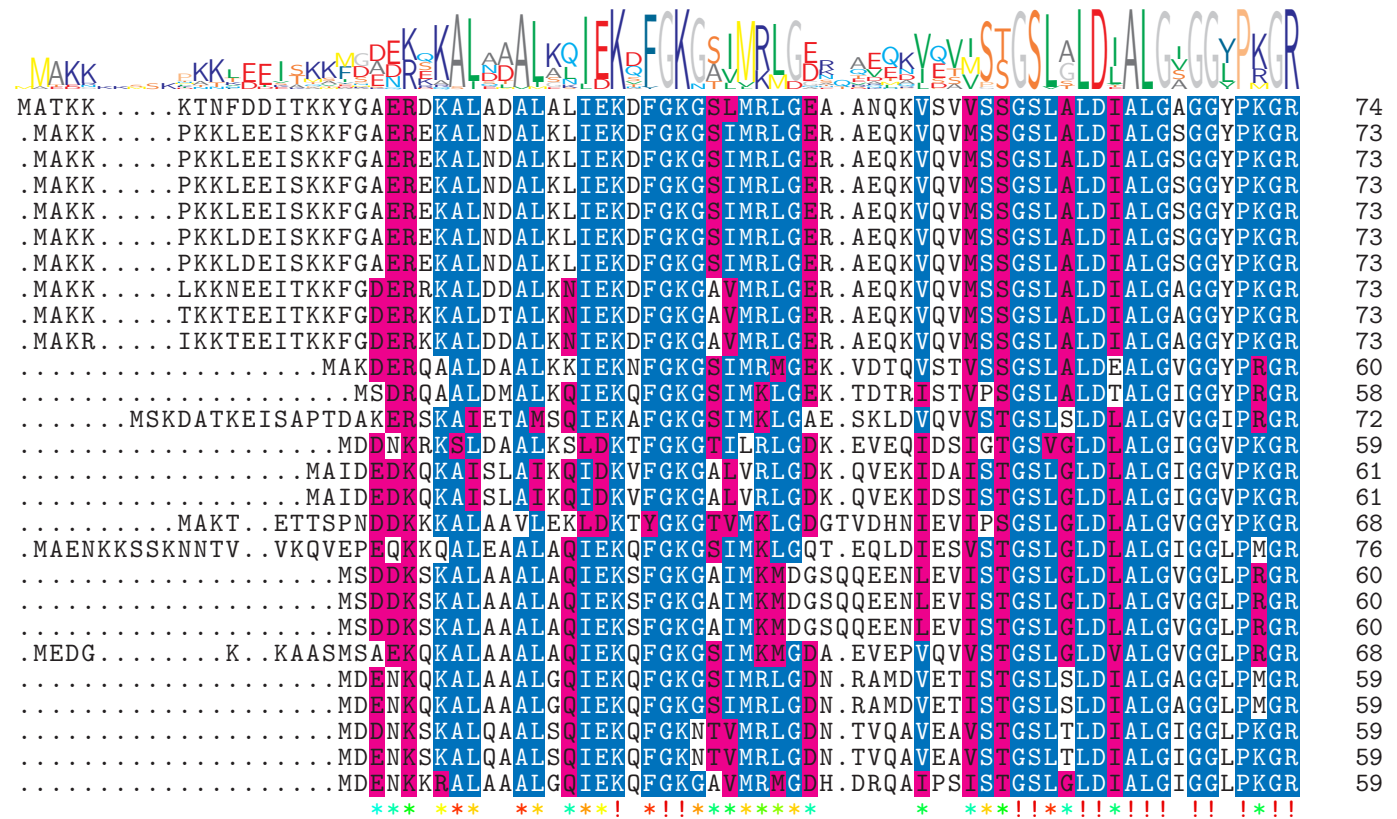


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consensus

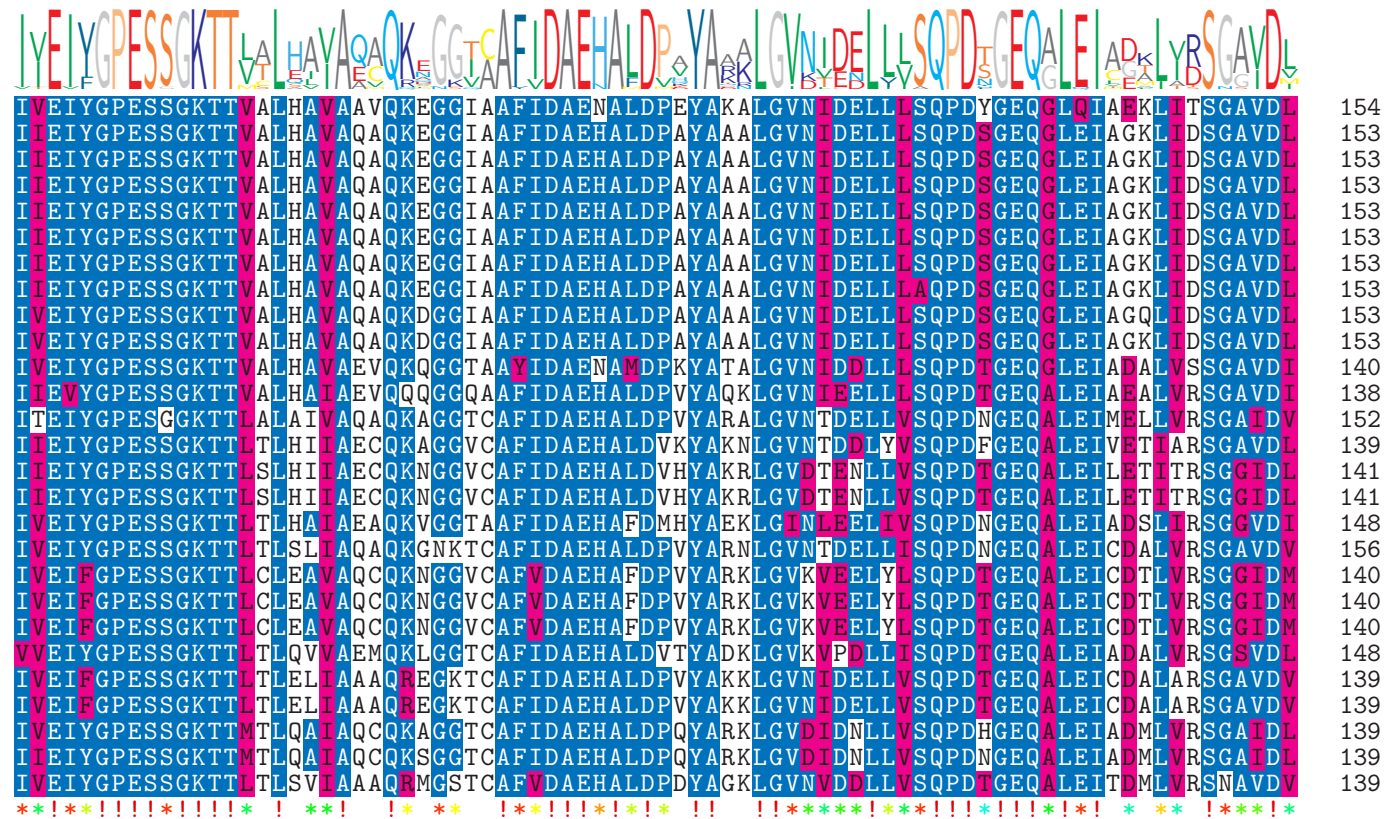
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consensus

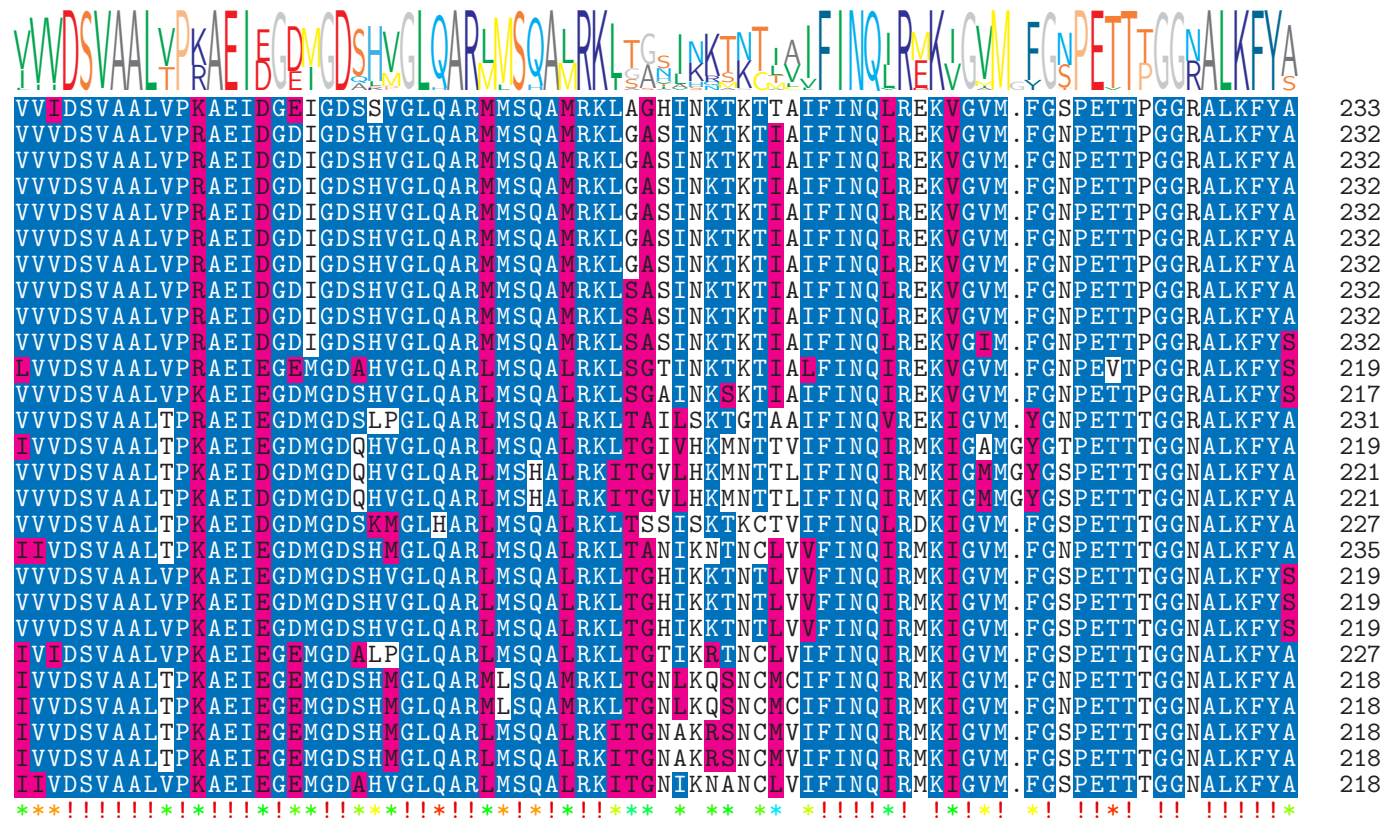
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consensus

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NTDB id 600 KW2 RS01765 WP 011675413.1	SVRLDVRGSTKIEEGS.GDNKTQIGK	ITKIKVVKNKVAPPFKVALVDIMFGEGISSTGELINIAVEEGIIKKSGAWFAYN	312
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NTDB id 228 SPD RS09265 WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETN	VGKETKIKVVKNKVAPPFKAEVVEIMYEGEGISKTGELLKIASDLIIKKAGAWYSYK	311
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NTDB id 499 SM12261 RS08315 WP 078228268.1	SVRLDVRGSTQIKGTG.DQKDTN	VGKETKIKVVKNKVAPPFKAEFVEIMYEGEGISKTGELLKIASDLIIKKAGAWYSYK	311
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NTDB id 383554 FY406 RS02320 WP 003089908.1	SVRLDVRGNTQIKGTG.DQKDSN	IGKETKIKVVKNKVAPPFKAEFVEIMYEGEGISRTGELVKIASDLGIIQKAGAWYSYN	311
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NTDB id 625 LCA RS02525 WP 011374196.1	TVRLEVRRAETIKNGT.....DM	IGNRARIKVVKNKVAPPFKVAEVDIMYGGISRTGELVDMAVEKDIINKSGSWYSYG	294
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NTDB id 1334 RAOC RS04870 WP 004918236.1	SVRIDIRRLSDTGKIKDKSGEV	IGNRTKVVVKNKVAPPFKSAEFDIMYEGEGVSKVGEILDVATDLIIQKSGSWFSYQ	307
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NTDB id 1022 ACIAD RS06390 WP 004925639.1	SVRLDIRRIGQ....V.KEGDEI	IGSETKVVKNKMAPPFRQAIFQILYGKGVNQLGELVDLAVQQNIVQKAGAWYSYQ	293
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NTDB id 1205 PSJM300 05545 AFN77183.1	SVRLDIRRTGA....V.KEGDEV	VGSETRVVKNKVAPPFRQAEDQILYGKGIYRNGEIIDLGVQQGLVEKSGAWAYK	293
consensus	*!!**!*~	*~**~*****!!*!!*!!*!!*~**~*****!!*~**~*****~**~*****~**~*****!!~*****!	

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NTDB id 600 KW2 RS01765 WP 011675413.1	DEKIGQGA	EKAKNYLKEHQDV	FDEIDHKVRAAHG	LDDSEVAETEEETT	ASKTKAKAKKEEK	AVETEEIELELED		387
NTDB id 269 KZH43 RS08665 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTEN	KKDE....PKKEEA	.VNEEVPLDLGDE	LEIE	385
NTDB id 228 SPD RS09265 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTEN	KKDE....PKKEEA	.VNEEVPLDLGDE	LEIE	385
NTDB id 194 SPR RS08825 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTEN	KKDE....PKKEEA	.VNEEVPLDLGDE	LEIE	385
NTDB id 159 SP RS09750 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTEN	KKDE....PKKEEA	.VNEEVPLDLGDE	LEIE	385
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NTDB id 1313 DR RS12030 WP 010888966.1	DERIGQGS	KEKTIAYIAERP	EMEQUEIRDRV	MAAIRAGNAGEA	PALAPAPAAPEAA	E..A.....		363
NTDB id 1245 Cj1673c YP 002345041.1	DKKLGQGS	ENAKFLKENPEI	ADEITKAIQNSM	GIEGMI.....	SGSEDD..EGE..	E.....		343
NTDB id 1214 NCTC11637 00359 SQJ03206.1	DKKLGQGS	ENAKALLKEDKA	LADEITLKIKES	IGSNEEI.....	MPLPDE..PLE..	EME.....		347
NTDB id 1211 C694 RS00795 WP 000963128.1	DKKLGQGS	ENAKALLKEDKA	LADEITLKIKES	IGSNEEI.....	MPLPDE..PLE..	EME.....		347
NTDB id 1334 RAOC RS04870 WP 004918236.1	DTKLGQGR	DTVKELIKDNPE	LAELEAKIREKL	QAK.....				343
NTDB id 1389 A4U84 RS07560 WP 021112712.1	GTKIGQGS	KNNAVKWLKEN	PEIADKLEQEI	RNTLASNPNS....	VLKATASDSND..	ESDVVEEFSEEL		372
NTDB id 1130 NGFG RS03960 WP 003688695.1	GAKIGQGS	KDNVRVWLKEN	PEISDEIDAKI	RALNGVEMHI....	TEGTQDET	DGE..R.....	PEE.....	348
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NTDB id 1427 RS RS02760 WP 011000510.1	GERIGQGR	DNCREFLRENA	ELAREIENKVRE	HGLVTPMG....	AVTLA.EEVEE..	D.....		352
NTDB id 1165 A1552VC RS01565 WP 000344154.1	GDKIGQGS	KANACKYLLKEN	PEIAKTLDKKL	REMLLNPENM....	QLIAETSSAAD..	DVEFGAVPEEF		354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	GDKIGQGS	KANACKYLLKEN	PEIAKTLDKKL	REMLLNPENM....	QLIAETSSAAD..	DVEFGAVPEEF		354
NTDB id 1022 ACIAD RS06390 WP 004925639.1	GNKIGQGS	KNNVIRYLEEN	PQISTEIEAVI	REQLLT	TKASD.....QTAA	.HDETEE..EPD	LL..ES.....	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	GNKIGQGS	KNNVIRYFEEN	NQIAEEIERNI	REQLLT	TTGTN....GAVQ	.I.EDEE..EPD	LL..LES.....	349
NTDB id 1205 PSJM300 05545 AFN77183.1	GSKIGQGS	KANAACKYLEEN	PEIGQIEEQI	RAKLLVTSAN....	TKATPVAEDLA..	DADI.....		347
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		IEE	
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NTDB id 228 SPD RS09265 WP 001085462.1	IEE		388
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 527 SMSK321 RS11065 WP 001085454.1	IEE		384
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NTDB id 383554 FY406 RS02320 WP 003089908.1	D..		382
NTDB id 408 SMU RS09530 WP 002262392.1	D..		383
NTDB id 625 LCA RS02525 WP 011374196.1	...		355
NTDB id 115 BSU 16940 NP 389576.2	...		348
NTDB id 1313 DR RS12030 WP 010888966.1	...		363
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NTDB id 1130 NGFG RS03960 WP 003688695.1	...		348
NTDB id 1124 NGFG RS03960 WP 003688695.1	...		348
NTDB id 1123 OK783 RS03845 WP 003688695.1	...		348
NTDB id 1427 RS RS02760 WP 011000510.1	...		352
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NTDB id 1142 GTF74 RS11550 WP 000344154.1	...		354
NTDB id 1022 ACIAD RS06390 WP 004925639.1	...		349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	...		349
NTDB id 1205 PSJM300 05545 AFN77183.1	...		347
consensus			

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