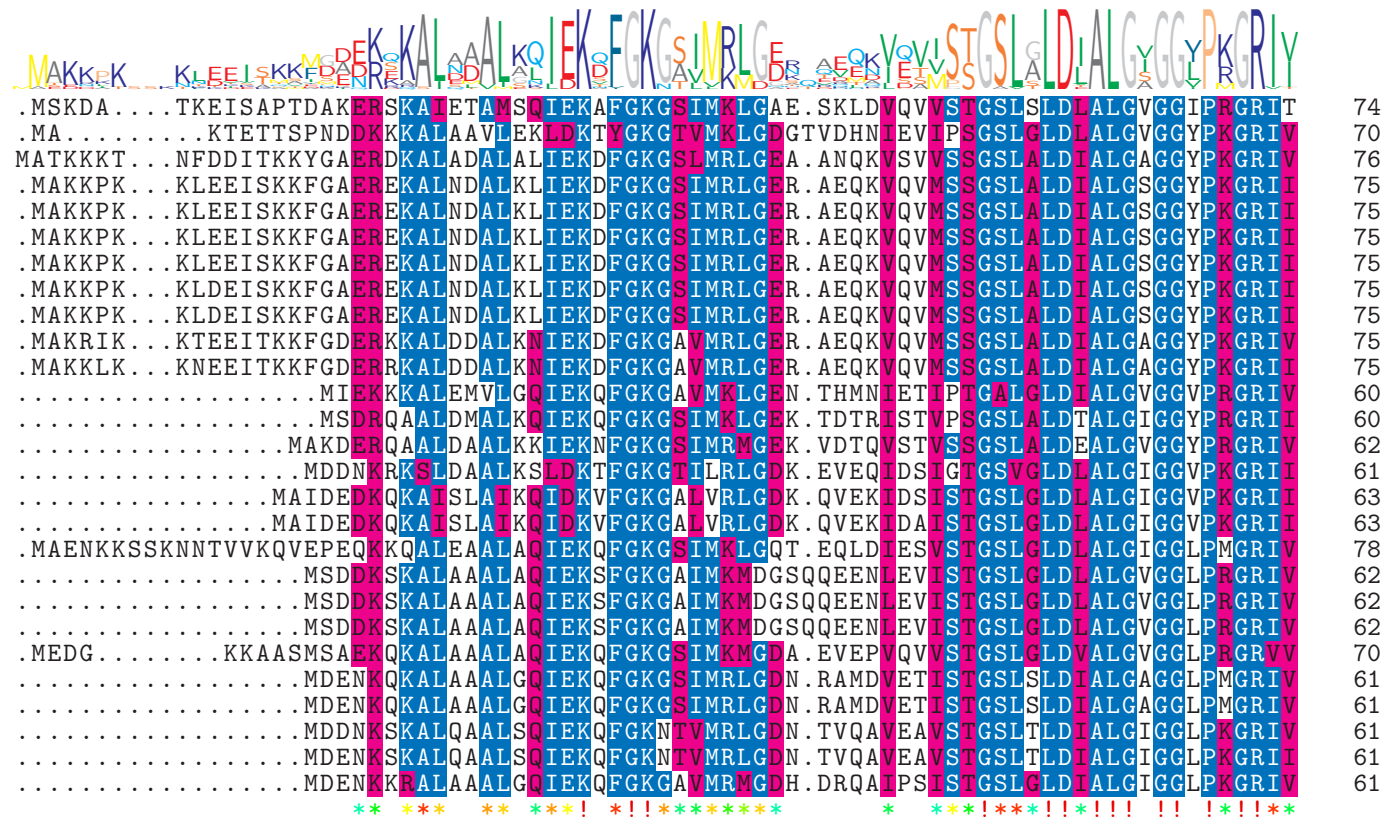


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consensus

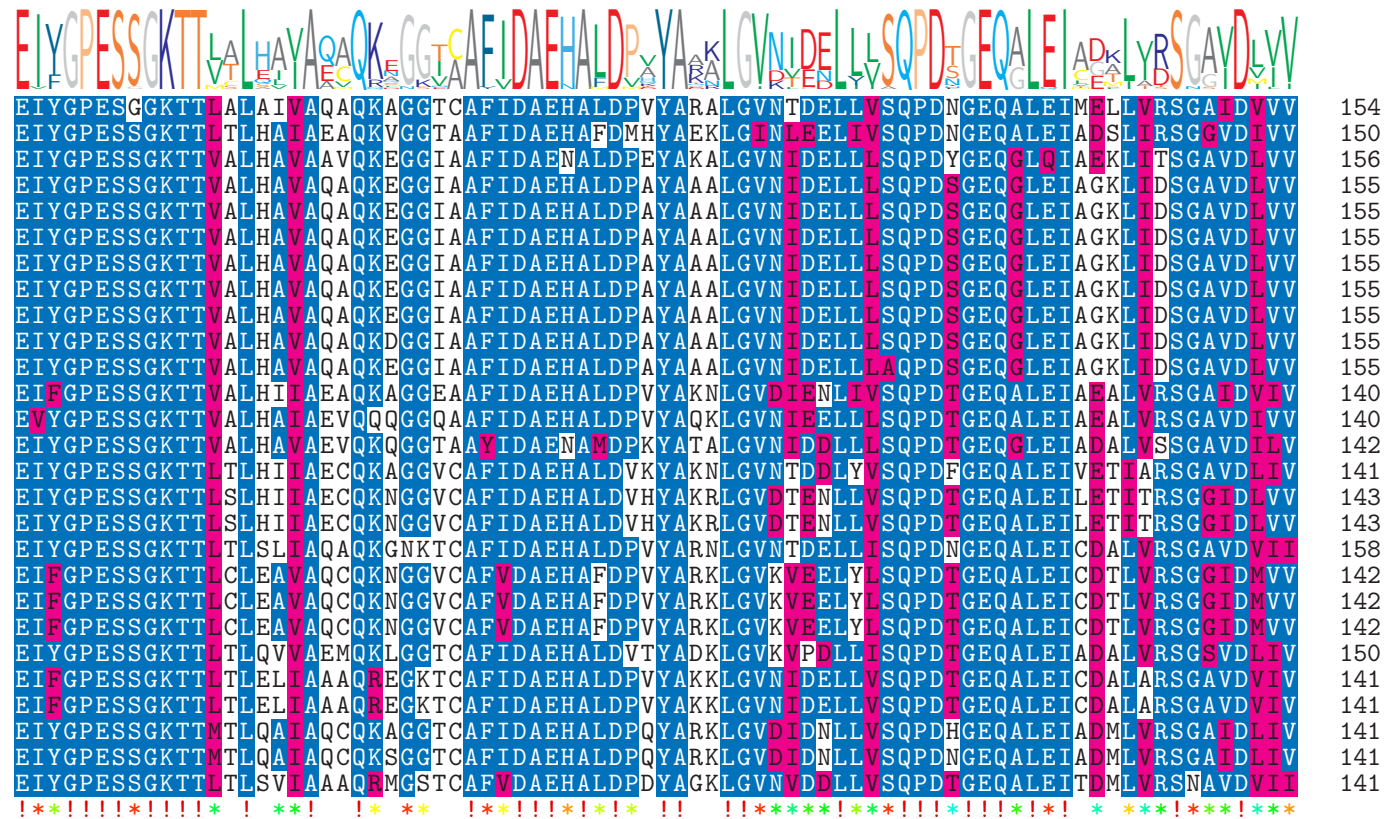
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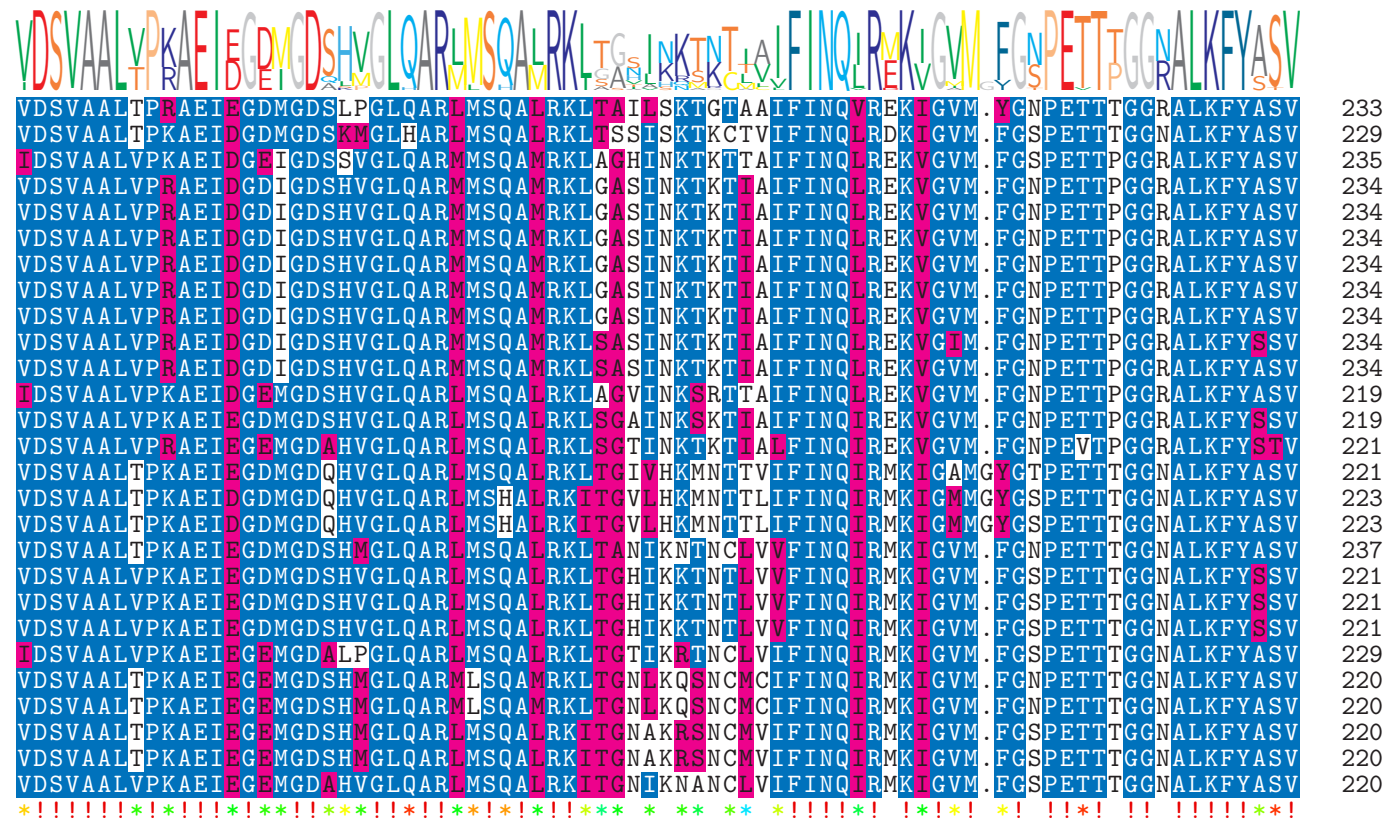
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consensus

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NTDB id 159 SP RS09750 WP 001085462.1
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NTDB id 527 SMSK321 RS11065 WP 001085454.1
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consensus



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NTDB id 600 KW2 RS01765 WP 011675413.1	RLDVRGSTKIEEG.SGDNKTQ	IGKITKIKVVKVKNKVAPP	FKVALVDIMFGEGISST	GELLNIAVEEGI	IKKSGAWFAYNDE	314
NTDB id 269 KZH43 RS08665 WP 001085462.1	RLDVRGNTQIKGT.GDQKETN	VGKETKIKVVKVKNKVAPP	FKAEAVVEIMYGGEGIS	KTGELLKIASDLDI	IKKAGAWYSYKDE	313
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NTDB id 194 SPR RS08825 WP 001085462.1	RLDVRGNTQIKGT.GDQKETN	VGKETKIKVVKVKNKVAPP	FKAEAVVEIMYGGEGIS	KTGELLKIASDLDI	IKKAGAWYSYKDE	313
NTDB id 159 SP RS09750 WP 001085462.1	RLDVRGNTQIKGT.GDQKETN	VGKETKIKVVKVKNKVAPP	FKAEAVVEIMYGGEGIS	KTGELLKIASDLDI	IKKAGAWYSYKDE	313
NTDB id 499 SM12261 RS08315 WP 078228268.1	RLDVRGSTQIKGT.GDQKDTN	VGKETKIKVVKVKNKVAPP	FKAEAFVEIMYGGEGIS	KTGELLKIASDLDI	IKKAGAWYSYKDE	313
NTDB id 527 SMSK321 RS11065 WP 001085454.1	RLDVRGSTQIKGT.GDQKDTN	VGKETKIKVVKVKNKVAPP	FKAEAFVEIMYGGEGIS	KTGELLKIASDLDI	IKKAGAWYSYKDE	313
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NTDB id 453 Spy49 1753c ACI62003.1	RLDVRGTTQIKGT.GDQKDS	IGKETKIKVVKVKNKVAPP	FKVAEVEIMYGGEGIS	RTEGELVKIASDLDI	TIQKAGAWFSYNGE	313
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NTDB id 115 BSU 16940 NP 389576.2	RLLEVRRAEQLKQG.N....	DVMGNKTKIKVVKVKNKVAPP	FRTAEVDIMYGGEGIS	KEGEIIDLGTELDIV	QKSGSWYSYEEE	294
NTDB id 625 LCA RS02525 WP 011374196.1	RLEVRRAEETIKNG.T....	DMIGNRARIKVVKNKVAPP	FKVAEVDIMYGGEGIS	RTEGELVDMAVEKDI	INKSGSWYSYGSE	296
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consensus	!***!* ** *	* ** *****!***!!*!***!***	*****!*!*** ***** *	*** ! !****!		

consensus



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NTDB id	600	KW2	RS01765	WP	011675413.1	.	387
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NTDB id	408	SMU	RS09530	WP	002262392.1	.	383
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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							

- ☐ non conserved
- ☒ similar
- ☒ $\geq 50\%$ conserved