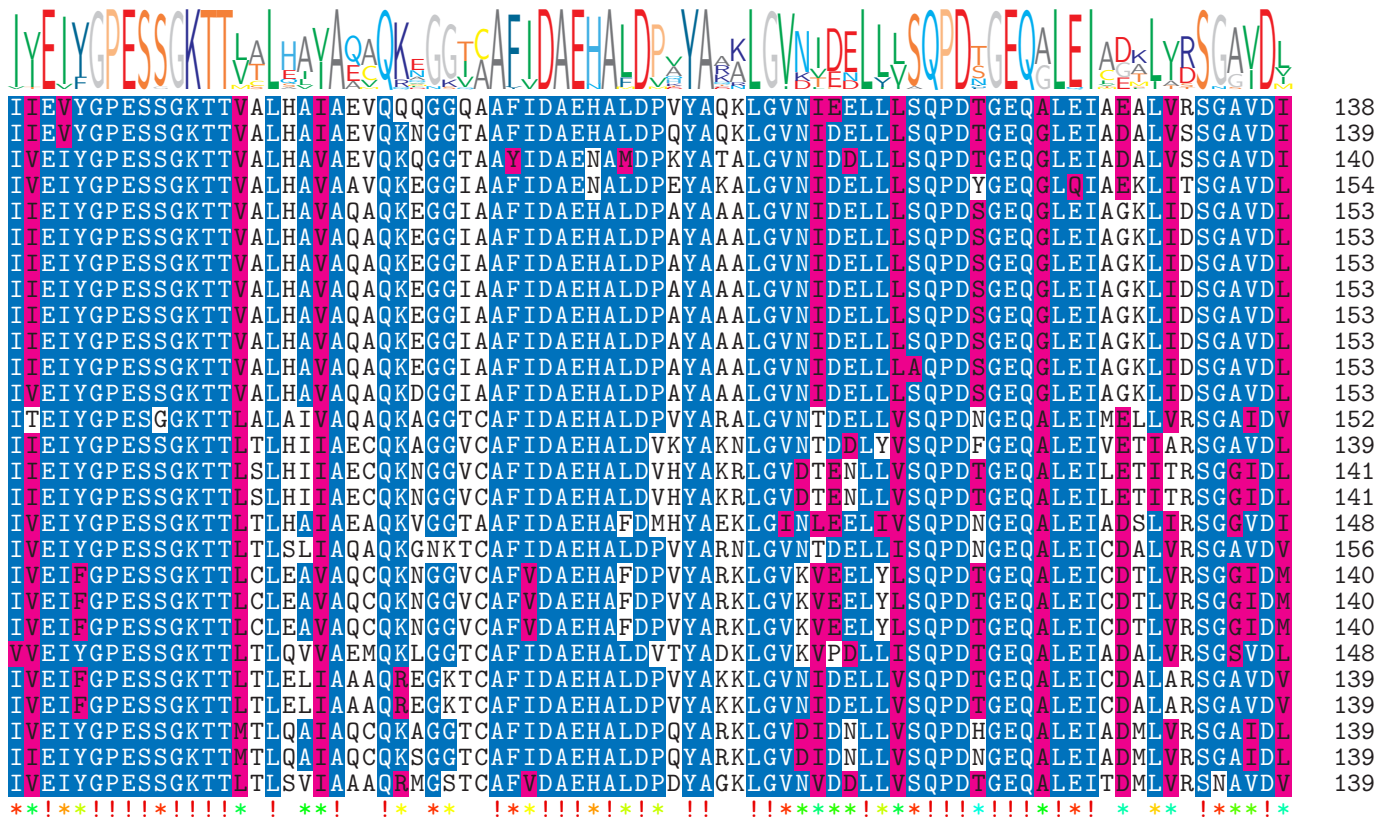


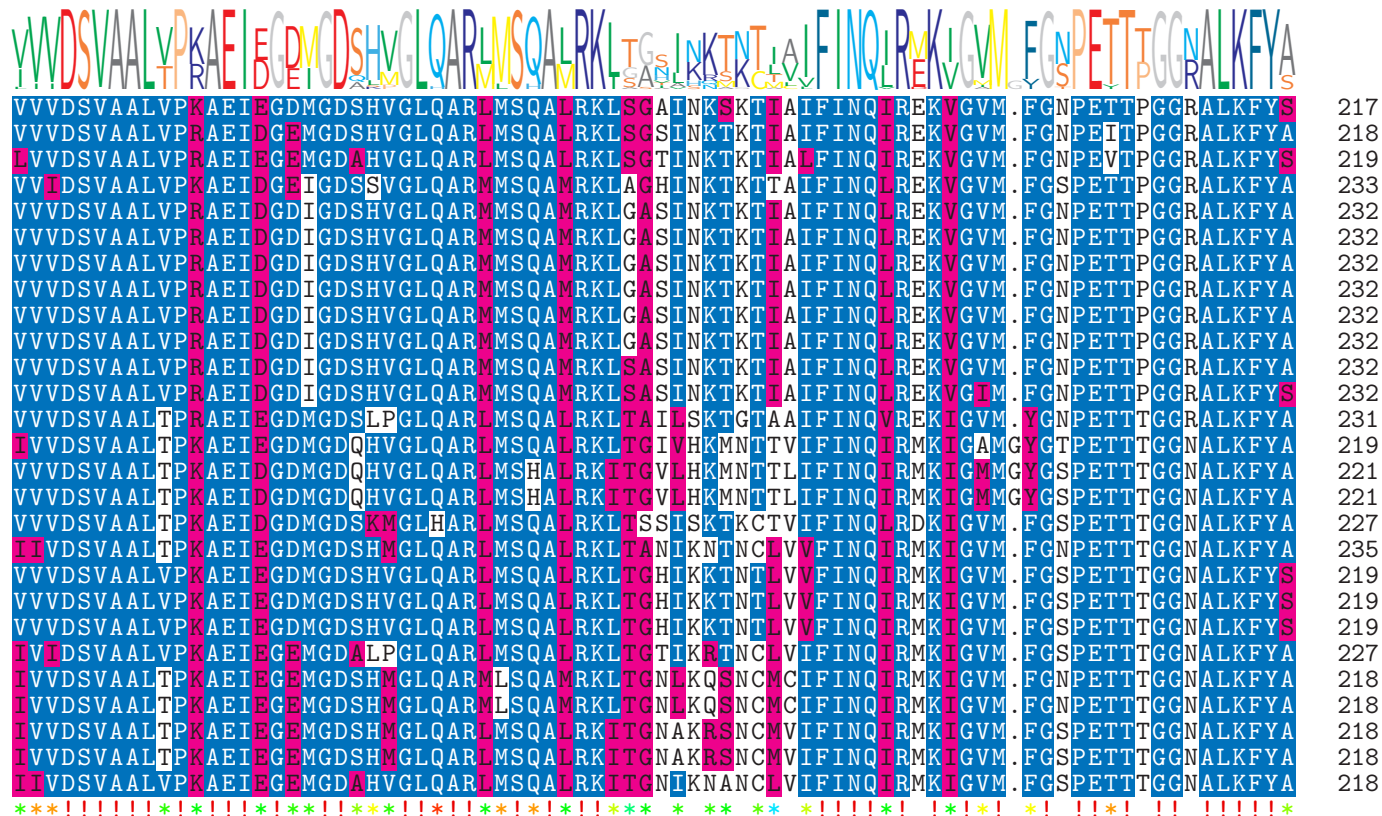
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NTDB id 159 SP RS09750 WP 001085462.1	.MAK.....KPKKLEEISKKFGAEREKALNDALKLIEKDFGKCSIMRLCER.AEQKVQVMSSGSLALDTALCSGGYPKGR	73
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NTDB id 499 SM12261 RS08315 WP 078228268.1	.MAK.....KPKKLDEISKKFGAEREKALNDALKLIEKDFGKCSIMRLCER.AEQKVQVMSSGSLALDTALCSGGYPKGR	73
NTDB id 453 Spy49 1753c ACI62003.1	.MAK.....KLKKNEEITKKFGDERRKALDDALKNIEKDFGKGAVMRLCER.AEQKVQVMSSGSLALDTALCAGGYPRGR	73
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NTDB id 1245 Cj1673c YP 002345041.1	MDENKRRSLDAALKSLDKTFGKCTILRLCDK.EVEQIDSIGTGSVGLDLALCIGGVPRGR	59
NTDB id 1211 C694 RS00795 WP 000963128.1	MAIDEDKQKATSLATKQIDKVFVGKCALVRLCDK.QVEKIDISTGSLGLDLALCIGGVPRGR	61
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NTDB id 1334 RA0C RS04870 WP 004918236.1	MAKT..ETTSPPNDKKKALAALVLEKLDKTYGKCTVMKLCGTVVDHNEVIPSLSLGLDLALGVGGYPKGR	68
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NTDB id 1142 GTF74 RS11550 WP 000344154.1	MDENKQKALAAALGQIEKQFGKCSIMRLCDN.RAMDVETISTGSLSLDLALCAGGLPMGR	59
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NTDB id 194 SPR RS08825 WP 001085462.1
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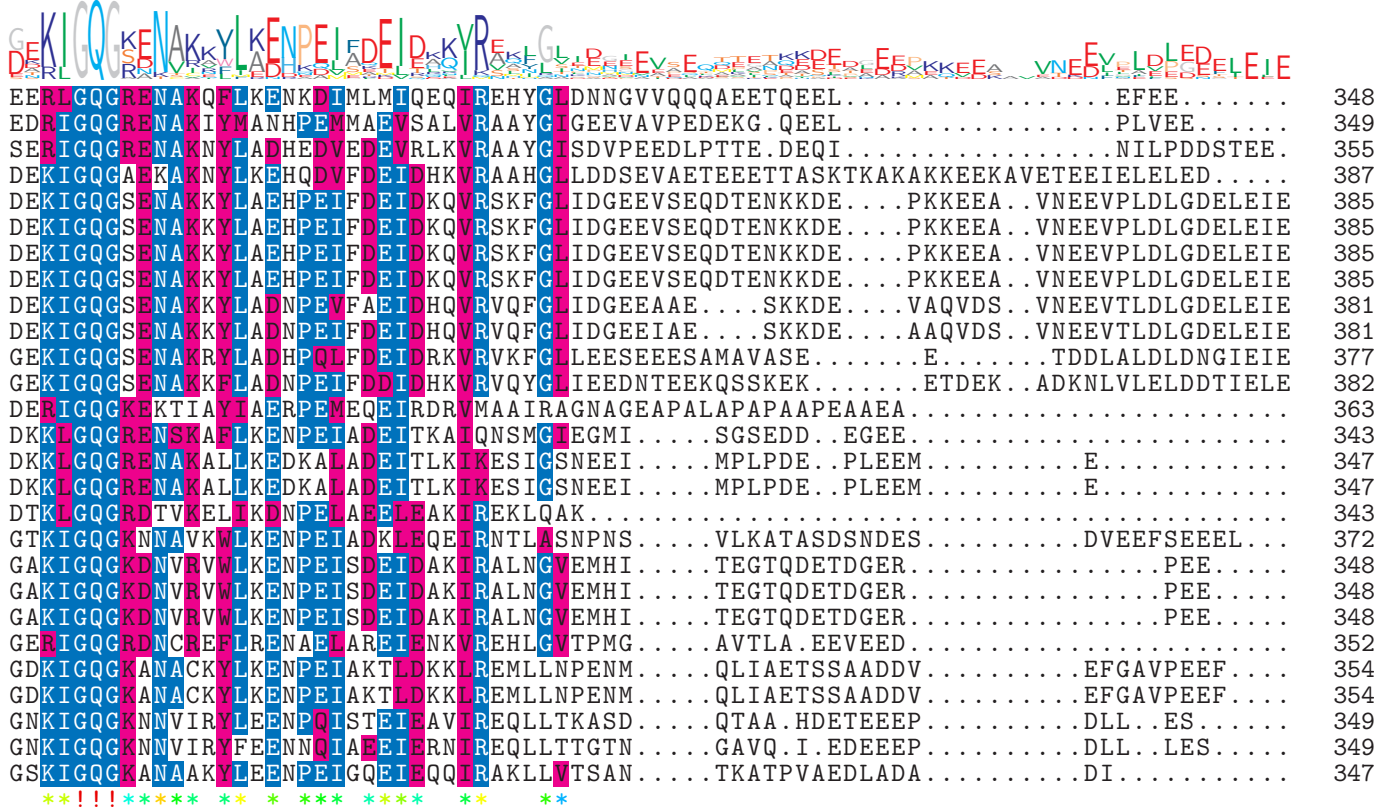


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NTDB id 625 LCA RS02525 WP 011374196.1	TVRLEVRRRAETIKNGT....DMIC	NRARIKVVKNKVAPPFKVAEVDIMYGGISSTGELIDMAVEK	DI	INKSGWYSY	G	294
NTDB id 600 KW2 RS01765 WP 011675413.1	SVRLDVRGSTKIEEGS.GDNKTQ	ICKITKIKVVKNKVAPPFKVALVDIMFEGEGISSTGELINIAVEEG	DI	KKSGAWFAY	N	312
NTDB id 269 KZH43 RS08665 WP 001085462.1	SVRLDVRGNTQIKGTG.DQKE	TNVCKETKIKVVKNKVAPPFKAEAVVEIMYGEGISKTGELLKIASD	DI	IKKAGAWYSY	K	311
NTDB id 228 SPD RS09265 WP 001085462.1	SVRLDVRGNTQIKGTG.DQKE	TNVCKETKIKVVKNKVAPPFKAEAVVEIMYGEGISKTGELLKIASD	DI	IKKAGAWYSY	K	311
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NTDB id 499 SM12261 RS08315 WP 078228268.1	SVRLDVRGNTQIKGTG.DQKE	TNVCKETKIKVVKNKVAPPFKAEAVVEIMYGEGISKTGELLKIASD	DI	IKKAGAWYSY	K	311
NTDB id 453 Spy49 1753c ACI62003.1	SVRLDVRGTTQIKGTG.DQKE	SSICKETKIKVVKNKVAPPFKVAEVEIMYGEGISRTGELVKIASD	DI	IKKAGAWFSYN	F	311
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NTDB id 1211 C694 RS00795 WP 000963128.1	SVRLDIRRIAS....L.KQNE	QHICNRAKAKVVKNKVAPPFRBAEFDIMFEGEGISKEGELIDYGVKLD	IVDKSGAWLSYQ			296
NTDB id 1214 NCTC11637 00359 SQJ03206.1	SVRLDIRRIAA....L.KQNE	QHICNRAKAKVVKNKVAPPFRBAEFDIMFEGEGISKEGELIDYGVKLD	IVDKSGAWLSYQ			296
NTDB id 1334 RA0C RS04870 WP 004918236.1	SVRLDIRRSLSDTGKIKDKSGE	VICNRTKIKVVKNKVAPPFKSAEFDIMYGECSKVGEILDVATD	LDI	IQKSGWFSYQ		307
NTDB id 1389 A4U84 RS07560 WP 021112712.1	SVRLDIRRCGV....V.KDGE	IEITGSETKIKVVKNKVAPPFRREVQFDIMYGEGISRMNELILAEANGF	IKKSGAWFSYD			310
NTDB id 1130 NGFG RS03960 WP 003688695.1	SVRLDIRRTGS....I.KKGE	EVLCNETRIVKVIKNKVAPPFRQAEDDILYGEGISWEGELIDIGVKND	IINKSGAWYSYN			294
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NTDB id 1022 ACIAD RS06390 WP 004925639.1	SVRLDIRRIGQ....V.KEGE	DEIVGSETKIKVVKNKMAPPFRBAIFQILYCKGVNQLGELVDLAVQQ	NDIVQKAGAWYSYQ			293
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consensus	**!* **!* *	* * * * * ! * * ! ! ! * ! * ! * *	* * * * * ! * ! * * * * * * * * * * ! ! * * * * !			

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NTDB id 159 SP RS09750 WP 001085462.1	IEE	388	
NTDB id 527 SMSK321 RS11065 WP 001085454.1	IEE	384	
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consensus			

- non conserved
- similar
- ≥ 50% conserved