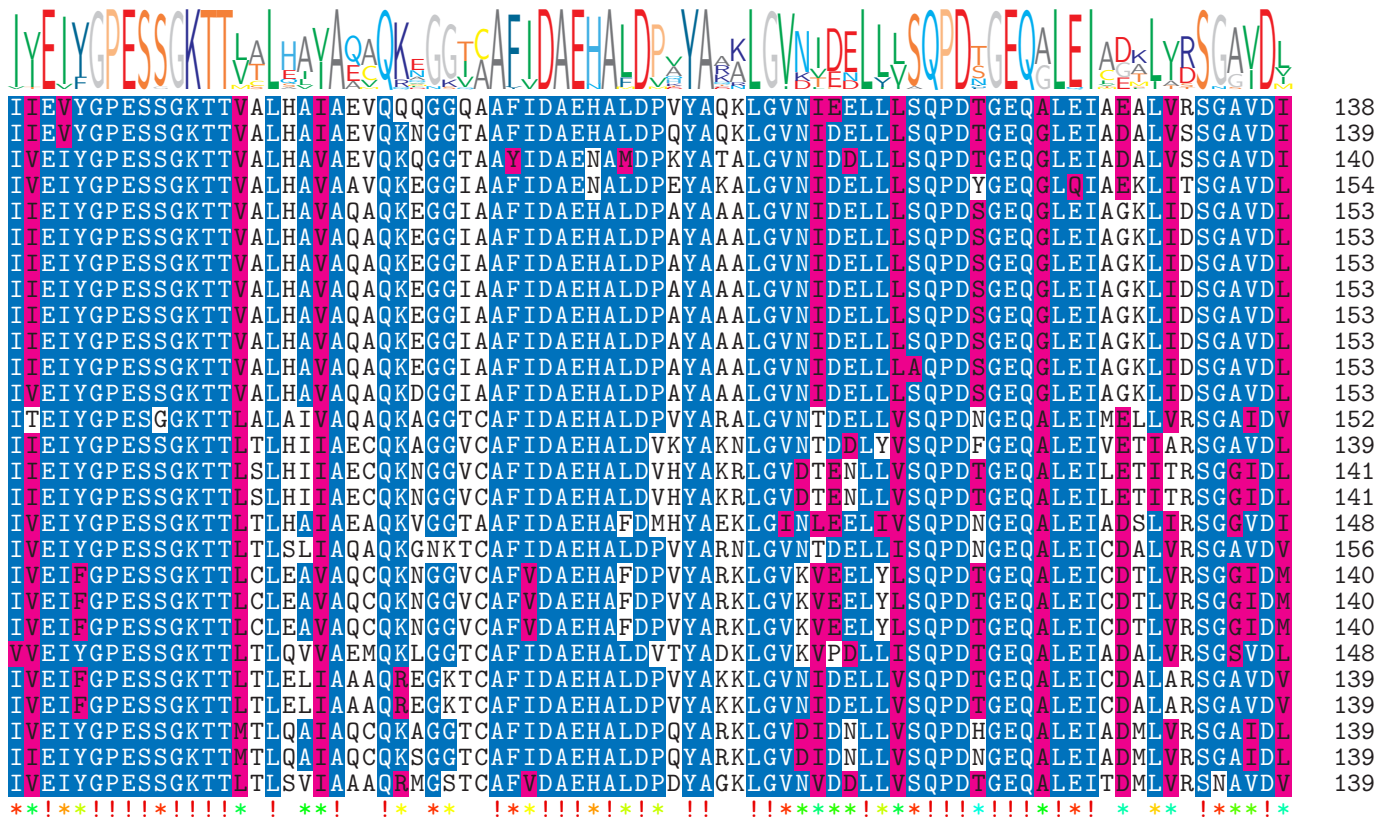


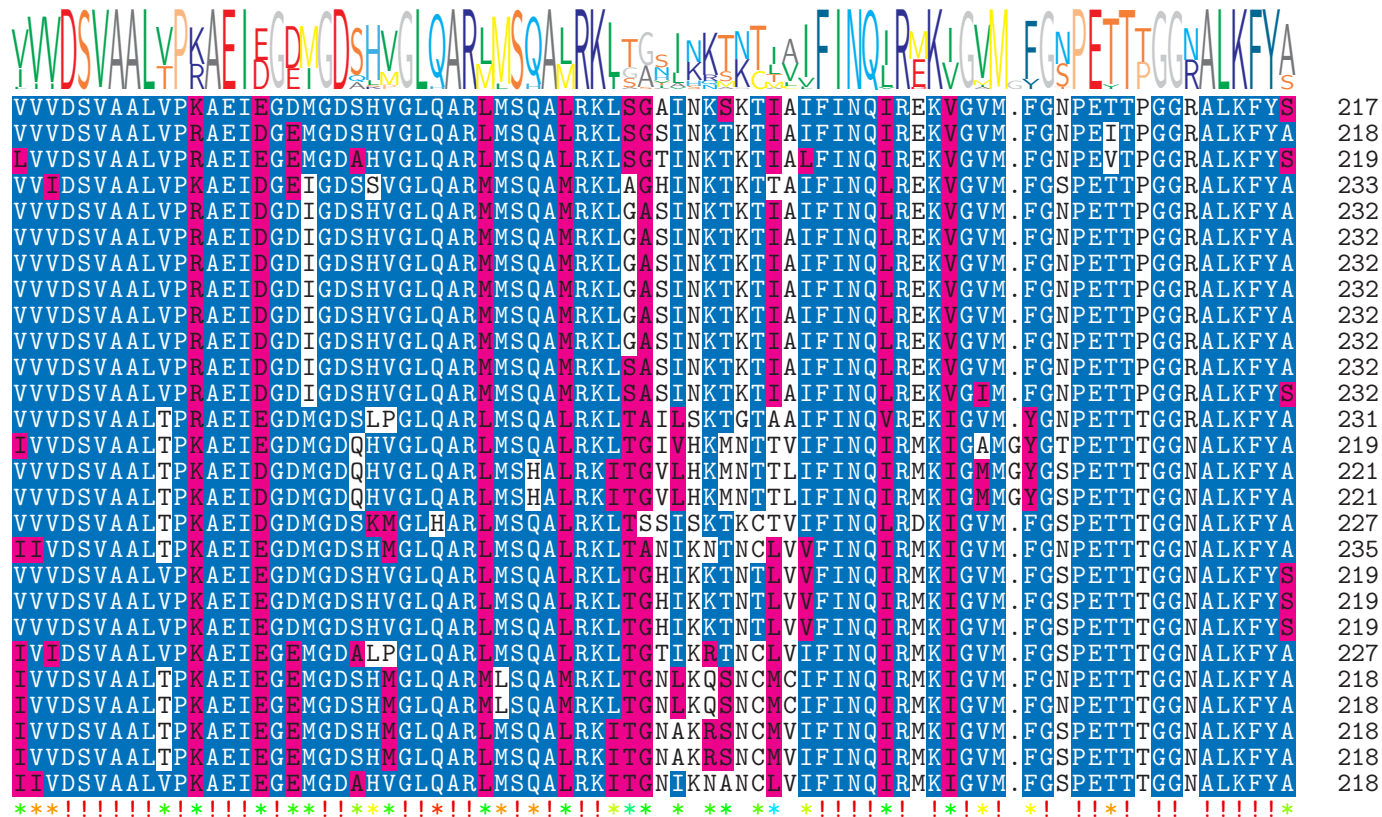
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NTDB id 228 SPD RS09265 WP 001085462.1	.MAK.....KPKKLEEISKKFGAEREKALNDALKLIEKDFGKCSIMRLCER.AEQKVQVMSSGSLALDTALCSGGYPKGR	73
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NTDB id 499 SM12261 RS08315 WP 078228268.1	.MAK.....KPKKLDEISKKFGAEREKALNDALKLIEKDFGKCSIMRLCER.AEQKVQVMSSGSLALDTALCSGGYPKGR	73
NTDB id 453 Spy49 1753c ACI62003.1	.MAK.....KLKKNEEITKKFGDERRKALDDALKNIEKDFGKCAVMRLCER.AEQKVQVMSSGSLALDTALCAGGYPRGR	73
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NTDB id 1245 Cj1673c YP 002345041.1	MDENKRRSLDAALKSLDKTFGKCTILRLCDK.EVEQIDSLIGTGSVGLDLALCIGGVPRGR	59
NTDB id 1211 C694 RS00795 WP 000963128.1	MAIDEDKQKATSLATKQIDKVFVGKCALVRLCDK.QVEKIDSLSTGSLGLDLALCIGGVPRGR	61
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NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKKSSKNNTV..VKQVEPEQKKQALEAALAQIEKQFGKCSIMKLGGT.EQLDIESVSTGSLGLDLALCIGGLPMGR	76
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NTDB id 499 SM12261 RS08315 WP 078228268.1
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NTDB id 1074 ABD1 RS10195 WP 000344167.1
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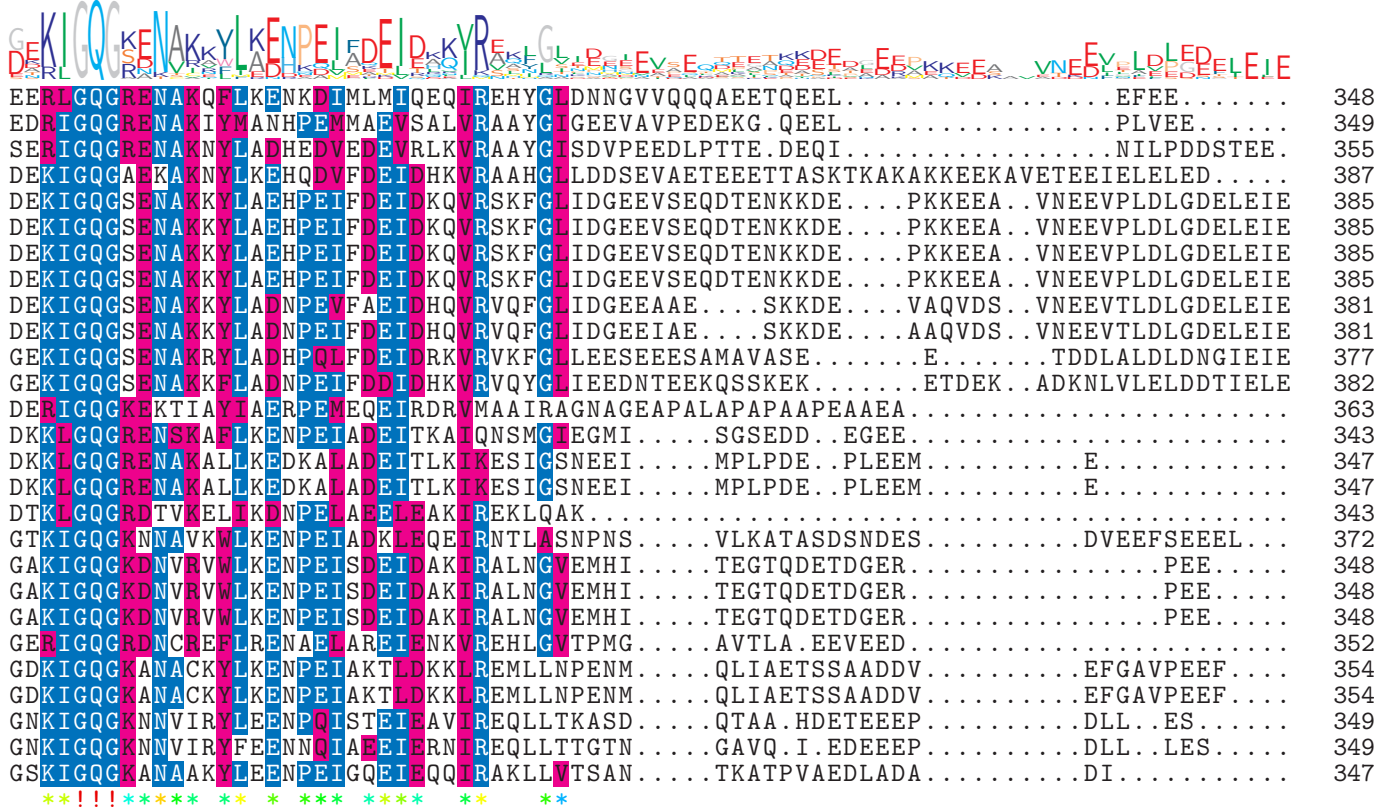


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NTDB id 625 LCA RS02525 WP 011374196.1	TVRLEVRRRAETIKNGT....DM	GNRARIKVVKNKVAPPFKVAEVDIMYGGISSTGELIDMAVEK	DI	INKSGWYSY	294
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NTDB id 269 KZH43 RS08665 WP 001085462.1	SVRLDVRGNTQIKGTG.DQKE	TNMGKETKIKVVKNKVAPPFKAEAVVEIMYGEGISKTGELLKIASDL	DI	KKAGAWYSY	311
NTDB id 228 SPD RS09265 WP 001085462.1	SVRLDVRGNTQIKGTG.DQKE	TNMGKETKIKVVKNKVAPPFKAEAVVEIMYGEGISKTGELLKIASDL	DI	KKAGAWYSY	311
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NTDB id 499 SM12261 RS08315 WP 078228268.1	SVRLDVRGNTQIKGTG.DQKE	TNMGKETKIKVVKNKVAPPFKAEAVVEIMYGEGISKTGELLKIASDL	DI	KKAGAWYSY	311
NTDB id 453 Spy49 1753c ACI62003.1	SVRLDVRGTTQIKGTG.DQKE	SSITGKETKIKVVKNKVAPPFKVAEVEIMYGEGISRTGELVKIASDL	DI	QKAGAWFSYN	311
NTDB id 408 SMU RS09530 WP 002262392.1	SVRLDVRGNTQIKGTG.EQKE	DSNITGKETKIKVVKNKVAPPFKAEFVEITYGEGISRTGELVKIASDL	GI	TIQKAGAWFSYN	311
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NTDB id 1211 C694 RS00795 WP 000963128.1	SVRLDIRRIAS....L.KQNE	QHICNRAKIKVVKNKVAPPFRRQAEFDIMFEGEGISKEGE	LDYGVKLDIVDK	SGAWLSYQ	296
NTDB id 1214 NCTC11637 00359 SQJ03206.1	SVRLDIRRIAA....L.KQNE	QHICNRAKIKVVKNKVAPPFRRQAEFDIMFEGEGISKEGE	LDYGVKLDIVDK	SGAWLSYQ	296
NTDB id 1334 RA0C RS04870 WP 004918236.1	SVRLDIRRSLSDTGKIKDKSGE	VITGNRTKIKVVKNKVAPPFKSAEFDIMYGECSKVGEILDVATDL	DI	IQKSGWFSYQ	307
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consensus	**!* **!* *	* * * * * ! * * ! ! ! * ! * ! *	* * * * * ! * ! * * * * * * * * * * * * * * ! ! * * * * !		

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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