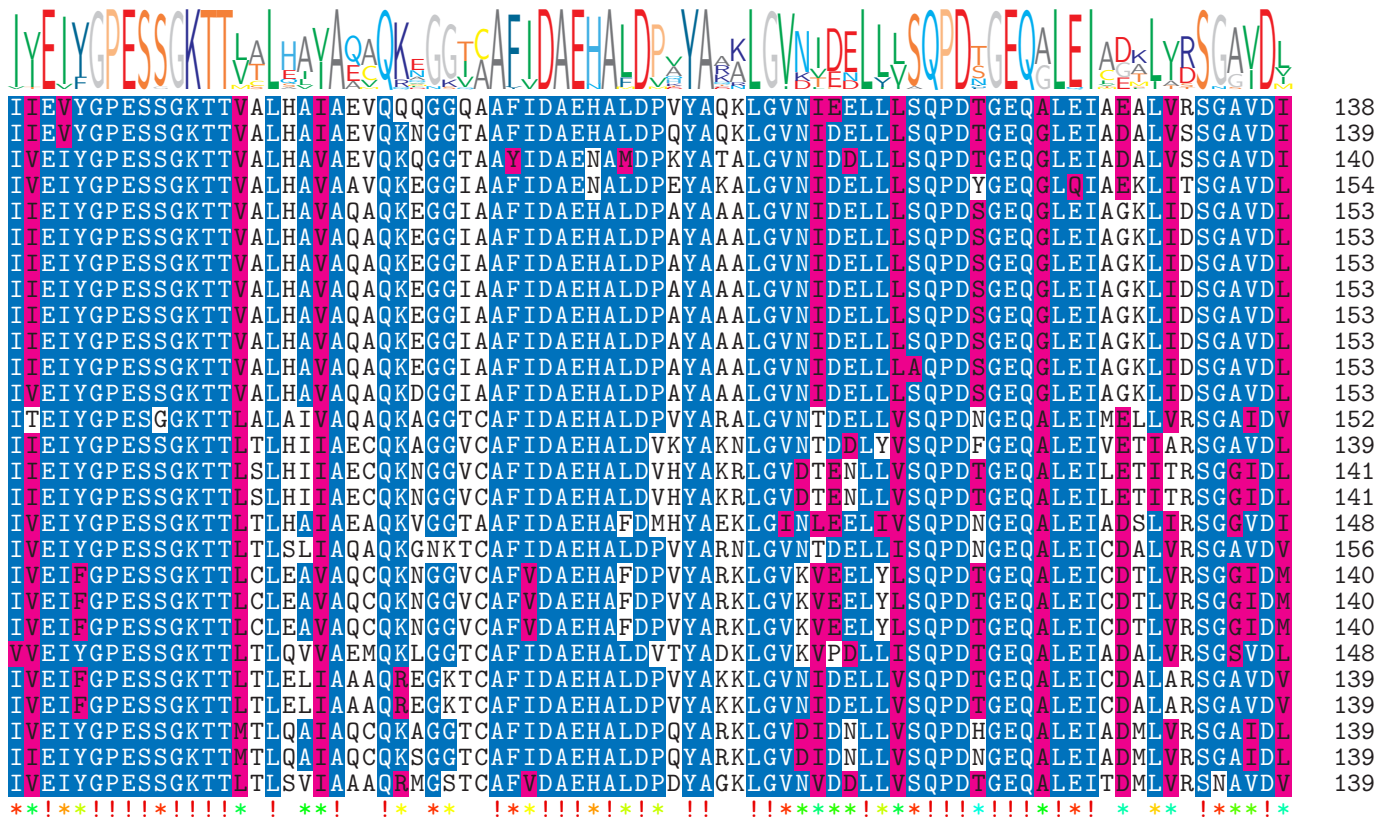


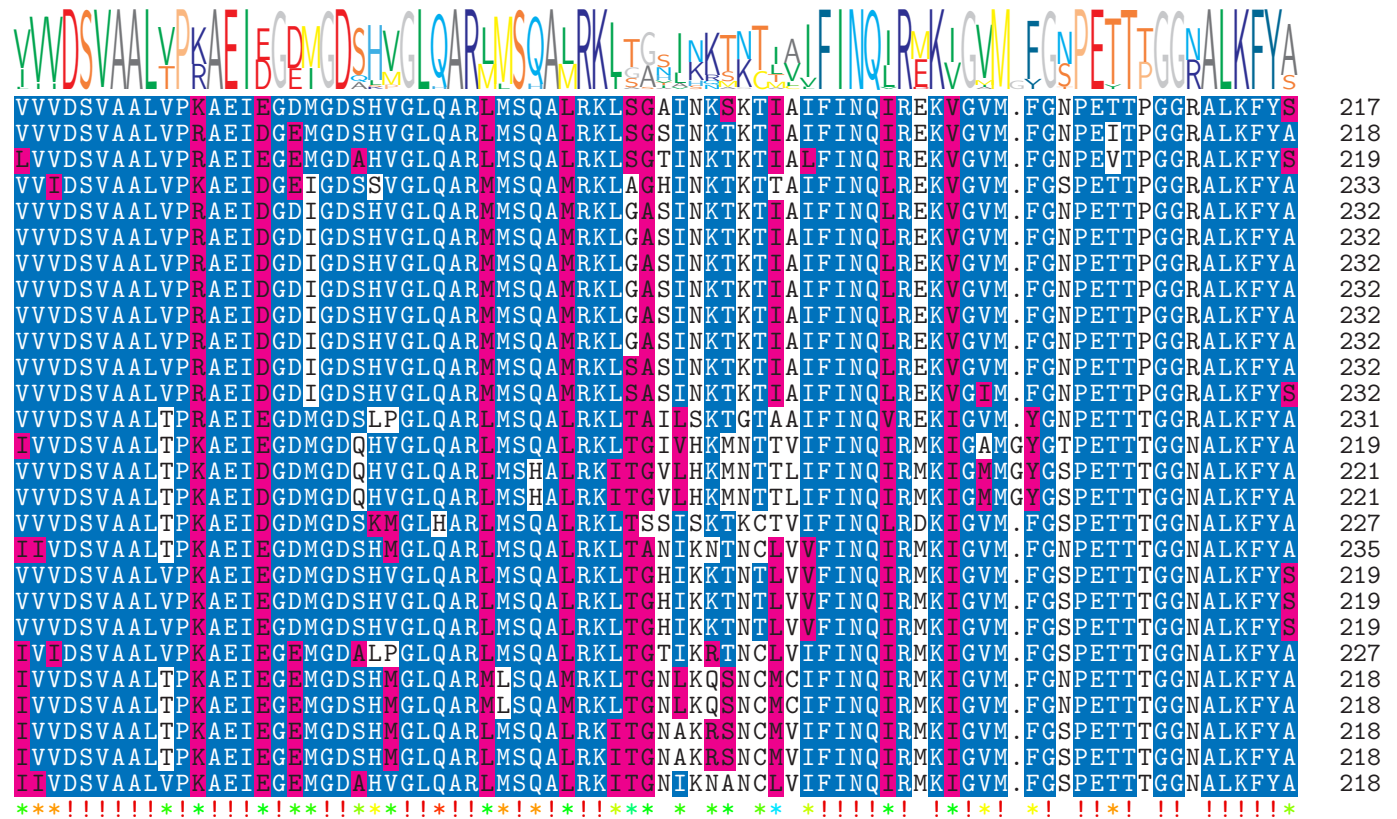
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NTDB id 115 BSU 16940 NP 389576.2	MSDRQAALDMALKQIEKQFGKCSIMKLCEK.TDTRISTVPSGSLALDTALGIGGYPRGR	58
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NTDB id 625 LCA RS02525 WP 011374196.1	MAKDERQAALDAALKKIEKNFGKCSIMRMCEK.VDTQVSTVSSGSLALDEALGVGGYPRGR	60
NTDB id 600 KW2 RS01765 WP 011675413.1	MATK.....KKTNFDDITKKYGAERDKALADALALIEKDFGKCSIMRLCEA.ANQKVSVSSGSLALDTALCAGGYPRGR	74
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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
NTDB id 408 SMU RS09530 WP 002262392.1	.MAK.....RIKKTEEITKKFGDERKKALDDALKNIEKDFGKCAVMRLCER.AEQKVQVMSSGSLALDTALCAGGYPRGR	73
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NTDB id 1245 Cj1673c YP 002345041.1	MDNKRKSLDAALKSLDKTFGKCTILRLCDK.EVEQIDSIGTGSVGLDLALCIGGVPRGR	59
NTDB id 1211 C694 RS00795 WP 000963128.1	MAIDEDKQKATSLATKQIDKVFVGKCALVRLCDK.QVEKIDISTGSLGLDLALCIGGVPRGR	61
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NTDB id 1142 GTF74 RS11550 WP 000344154.1	MDENKQKALAAALGQIEKQFGKCSIMRLCDN.RAMDVETISTGSLSLDLALCAGGLPMGR	59
NTDB id 1022 ACIAD RS06390 WP 004925639.1	MDENKSKALQAALSQIEKQFGKNTVMRLCDN.TVQAVEAVSTGSLTLDIALCIGGLPKGR	59
NTDB id 1074 ABD1 RS10195 WP 000344167.1	MDENKSKALQAALSQIEKQFGKNTVMRLCDN.TVQAVEAVSTGSLTLDIALCIGGLPKGR	59
NTDB id 1205 PSJM300 05545 AFN77183.1	MDENKKFALAAALGQIEKQFGKCAVMRMGDH.DRQAIPSTGSLGLDLALCIGGLPKGR	59
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NTDB id 194 SPR RS08825 WP 001085462.1
NTDB id 159 SP RS09750 WP 001085462.1
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NTDB id 499 SM12261 RS08315 WP 078228268.1
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consensus



NTDB id 115 BSU 16940 NP 389576.2
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consensus

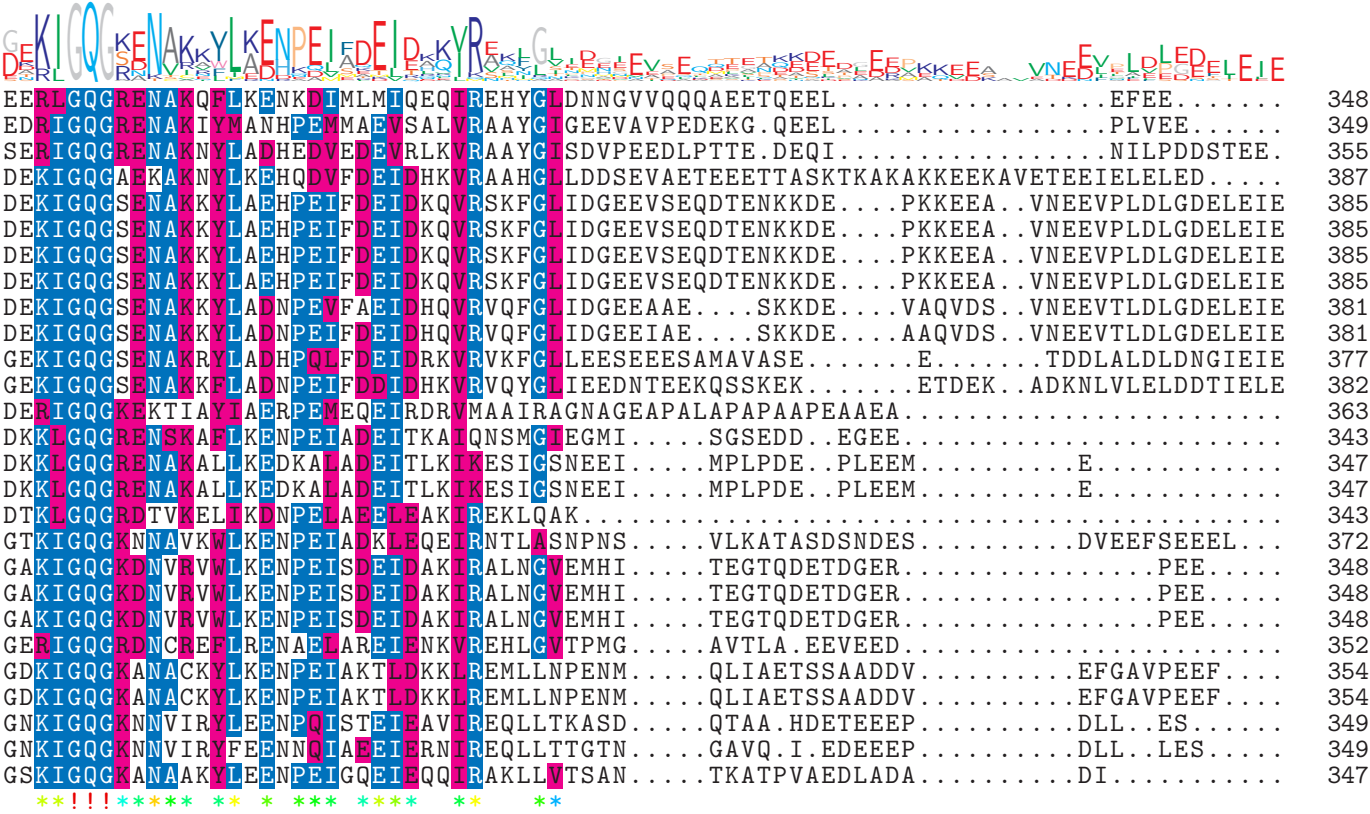


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NTDB id 269 KZH43 RS08665 WP 001085462.1	SVRLDVRGNTQIKGTG.DQKE	TNMGKETKIKVVKNKVAPPFKAEAVVEIMYGEGIS	KTGELLKIASD	LDI	IKKAGAWYSYK	311		
NTDB id 228 SPD RS09265 WP 001085462.1	SVRLDVRGNTQIKGTG.DQKE	TNMGKETKIKVVKNKVAPPFKAEAVVEIMYGEGIS	KTGELLKIASD	LDI	IKKAGAWYSYK	311		
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NTDB id 499 SM12261 RS08315 WP 078228268.1	SVRLDVRGSTQIKGTG.DQK	DTNMGKETKIKVVKNKVAPPFKAEAFVEIMYGEGIS	KTGELLKIASD	LDI	IKKAGAWYSYK	311		
NTDB id 453 Spy49 1753c ACI62003.1	SVRLDVRGTTQIKGTG.DQK	DSICKETKIKVVKNKVAPPFKVAEVEIMYGEGIS	RTEGELVKIASD	LDI	IQKAGAWFSYN	311		
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NTDB id 1211 C694 RS00795 WP 000963128.1	SVRLDIRRIAS....L.KQNE	QHICNRAKIKVVKNKVAPPFRRQAEFDIMF	EGEGISKEGEI	IDYGV	KL	DI	VDKSGAWLSYQ	296
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NTDB id 1389 A4U84 RS07560 WP 021112712.1	SVRLDIRRCGV....V.KDGE	IEITGSETKIKVVKNKVAPPFRRQAEFDIMY	GEISRMNELLILAEANG	F	IKKSGAWFSYD	310		
NTDB id 1130 NGFG RS03960 WP 003688695.1	SVRLDIRRTGS....I.KKG	EEVLCNETRIVKIKKNKVAPPFRRQAEFDILY	GEISWEGELIDIGV	KN	DI	INKSGAWYSYN	294	
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consensus	**!* **!* *	* * * * * ! * * ! ! ! * ! * ! *	* * * * * ! * ! * * * * * * * * * * * * * * ! ! * * * * !					

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consensus



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consensus			

- non conserved
- similar
- ≥ 50% conserved