

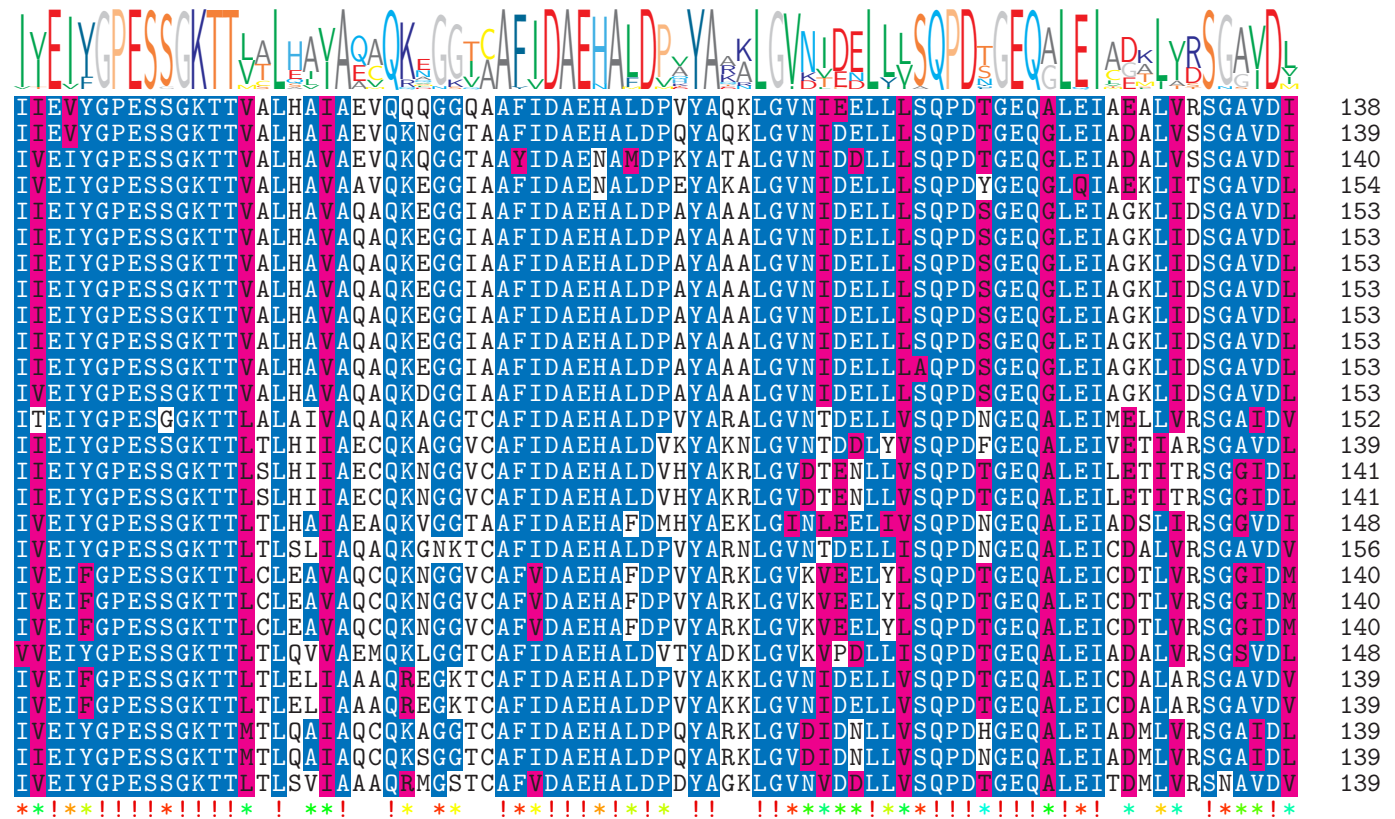
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NTDB id 115 BSU 16940 NP 389576.2	MS	DRQAALDMALKQ	IEKQ	FGKGSIMKLGEK	.TDTRI	ISTV	SGSLALD	TALGI	GGYPRGR	58	
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NTDB id 625 LCA RS02525 WP 011374196.1	MAK	DERQAALDAALKK	IEKN	FGKGSIMRMGEK	.VDTQV	VSTV	SSGSLALD	EALGV	GGYPRGR	60	
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NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAK.....	KPKKLEEISKKFGA	EREKALND	ALKL	IEKD	FGKGSIMRLGER	.AEQKVQV	MSSSGSLALD	TALGSGGYPKGR	73	
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NTDB id 499 SM12261 RS08315 WP 078228268.1	.MAK.....	KPKKLDEISKKFGA	EREKALND	ALKL	IEKD	FGKGSIMRLGER	.AEQKVQV	MSSSGSLALD	TALGSGGYPKGR	73	
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NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKKSSKNNTV..	VKQVEP	EQKKQALEAALA	Q	IEKQ	FGKGSIMKLQ	QT.EQLD	IESV	STGSLGLDL	LALGIGGLPMGR	76
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NTDB id 1124 NGFG RS03960 WP 003688695.1	MS	DDKSKALAAALA	Q	IEKS	SFGKGAIMKMDGSQ	Q	Q	EENLEVI	STGSLGLDL	LALGVGGLPRGR	60
NTDB id 1123 OK783 RS03845 WP 003688695.1	MS	DDKSKALAAALA	Q	IEKS	SFGKGAIMKMDGSQ	Q	Q	EENLEVI	STGSLGLDL	LALGVGGLPRGR	60
NTDB id 1427 RS RS02760 WP 011000510.1	.MEDG.....	K..KAASMSA	EKQKALAAALA	Q	IEKQ	FGKGSIMKMGDA	.EVEPVQV	VSTGSLGLD	VALGVGGLPRGR	68	
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NTDB id 1142 GTF74 RS11550 WP 000344154.1	MD	ENKQKALAAALGQ	IEKQ	FGKGSIMRLGDN	.RAMDVET	ISTGSLSLD	TALGAGGL	PMGR		59	
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NTDB id 1074 ABD1 RS10195 WP 000344167.1	MD	ENKSKALQAALSQ	IEKQ	FGKNTVMRLGDN	.TVQAVEA	VSTGSLTLD	TALGIGGL	PKGR		59	
NTDB id 1205 PSJM300 05545 AFN77183.1	MD	ENKKRALAAALGQ	IEKQ	FGKGAVMRMGDH	.DRQAIPS	ISTGSLGLD	TALGIGGL	PKGR		59	
consensus	***	***	*	***	***	***	*	***	***		

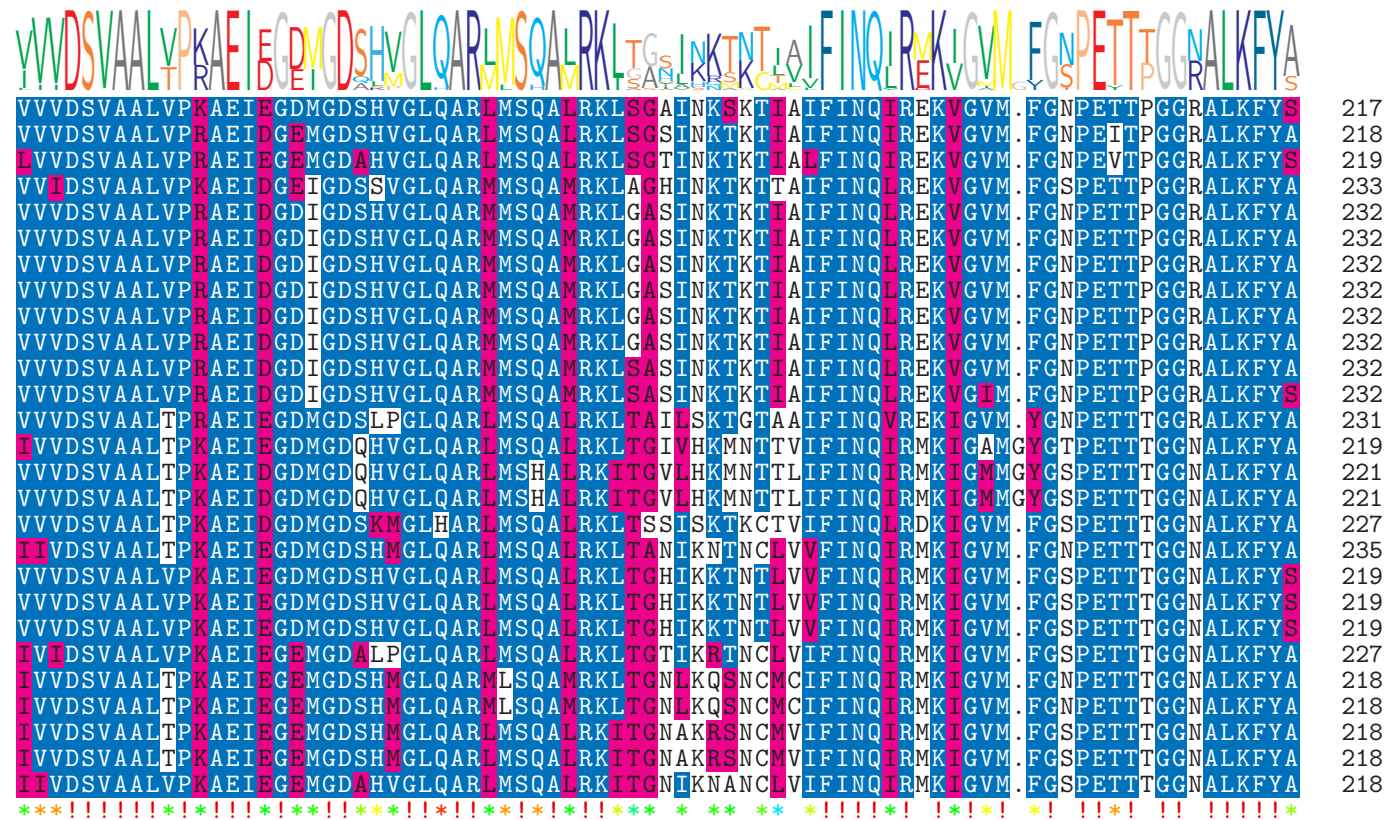
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NTDB id 600 KW2 RS01765 WP 011675413.1
NTDB id 269 KZH43 RS08665 WP 001085462.1
NTDB id 228 SPD RS09265 WP 001085462.1
NTDB id 194 SPR RS08825 WP 001085462.1
NTDB id 159 SP RS09750 WP 001085462.1
NTDB id 527 SMSK321 RS11065 WP 001085454.1
NTDB id 499 SM12261 RS08315 WP 078228268.1
NTDB id 453 Spy49 1753c ACI62003.1
NTDB id 408 SMU RS09530 WP 002262392.1
NTDB id 1313 DR RS12030 WP 010888966.1
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consensus

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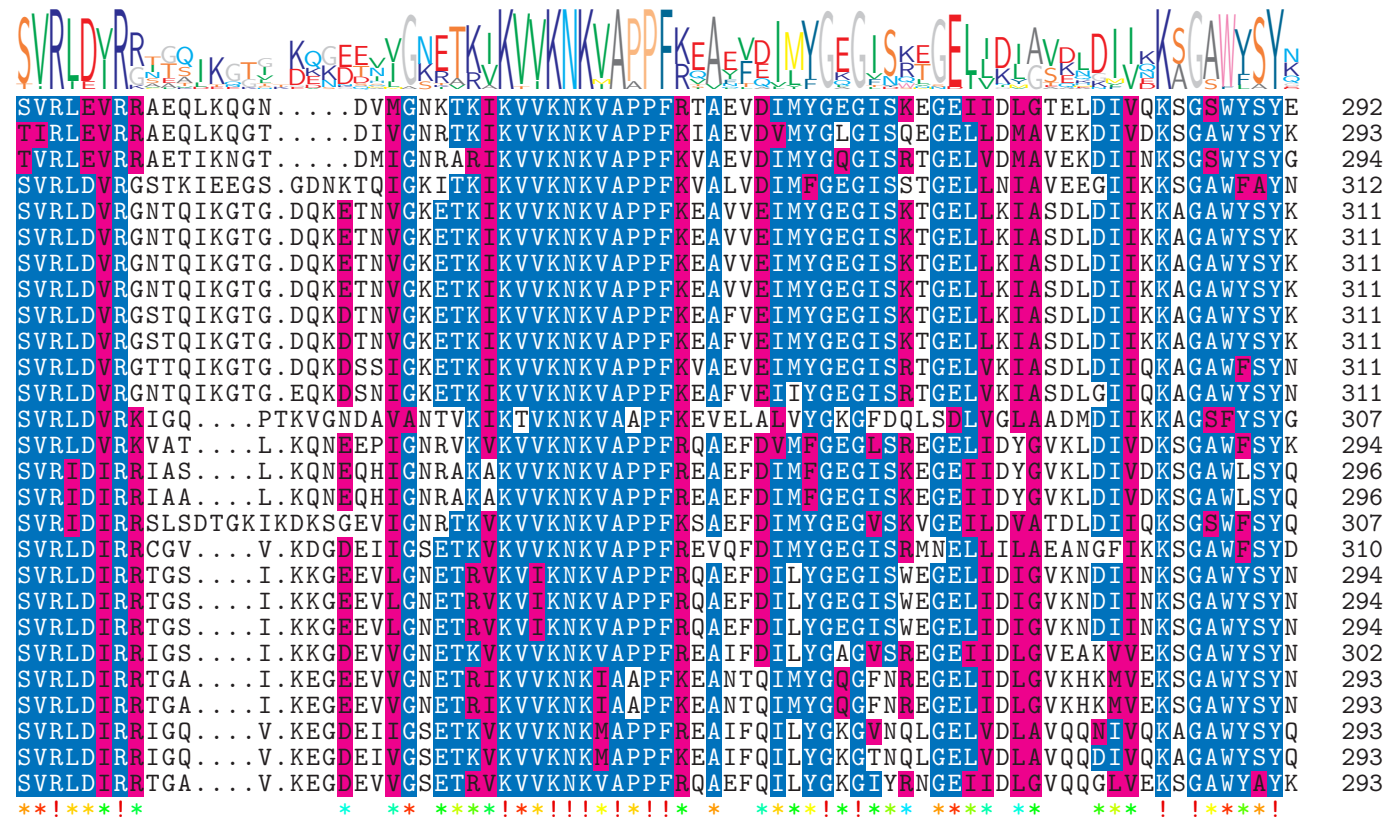
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NTDB id 1205 PSJM300 05545 AFN77183.1
consensus



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consensus

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NTDB id 115 BSU 16940 NP 389576.2	EERIGQGRENAKQFLKENKDIIMLMIQEQIREHYGLDNNGVVQQQAETQEEL.....EFEE.....	348
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NTDB id 600 KW2 RS01765 WP 011675413.1	DEKIGQGAEKAKNYLKEHQDVFDEIDHKVRAAHGLDDSEVAETEEETTASKTAKAKKEEKAVETEEIELELED.....	387
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NTDB id 1214 NCTC11637 00359 SQJ03206.1	DKKLGQGRENAKALLKEDKALADEITLKIKESIGSNEEI.....MPLPDE..PLEEM.....E.....	347
NTDB id 1334 RAOC RS04870 WP 004918236.1	DTKLGQGRDTVKELIKDNPELAELEAKIREKLQAK.....	343
NTDB id 1389 A4U84 RS07560 WP 021112712.1	GTKIGQGGKNNAVKWLKENPEIADKLEQEIRNTLASNPNS....VLKATASDSNDES.....DVEEFSEEEL...	372
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NTDB id 1124 NGFG RS03960 WP 003688695.1	GAKIGQGGKDNVRVWLKENPEISDEIDAKIRALNGVEMHI....TEGTQDETDGER.....PEE.....	348
NTDB id 1123 OK783 RS03845 WP 003688695.1	GAKIGQGGKDNVRVWLKENPEISDEIDAKIRALNGVEMHI....TEGTQDETDGER.....PEE.....	348
NTDB id 1427 RS RS02760 WP 011000510.1	GERIGQGRDNCREFLRENAELAREIENKVREHLGVTPMG....AVTLA.EEVEED.....	352
NTDB id 1165 A1552VC RS01565 WP 000344154.1	GDKIGQGGKANACKYLVKENPEIAKTLDDKKLREMMLLPENM....QLIAETSSAADDV.....EFGAVPEEF....	354
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NTDB id 1205 PSJM300 05545 AFN77183.1	GSKIGQGGKANAAKYLVLENPEIGQEIEQQIRAKLLVTSAN....TKATPVAEDLADA.....DI.....	347
consensus	***!!!***** ** * *** ***** ** **	

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NTDB id 115	BSU 16940 NP 389576.2	...	348
NTDB id 214104	BVA20 RS12635 WP 002287328.1	...	349
NTDB id 625	LCA RS02525 WP 011374196.1	...	355
NTDB id 600	KW2 RS01765 WP 011675413.1	...	387
NTDB id 269	KZH43 RS08665 WP 001085462.1	IEE	388
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
NTDB id 527	SMSK321 RS11065 WP 001085454.1	IEE	384
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NTDB id 453	Spy49 1753c ACI62003.1	D..	378
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consensus			

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