

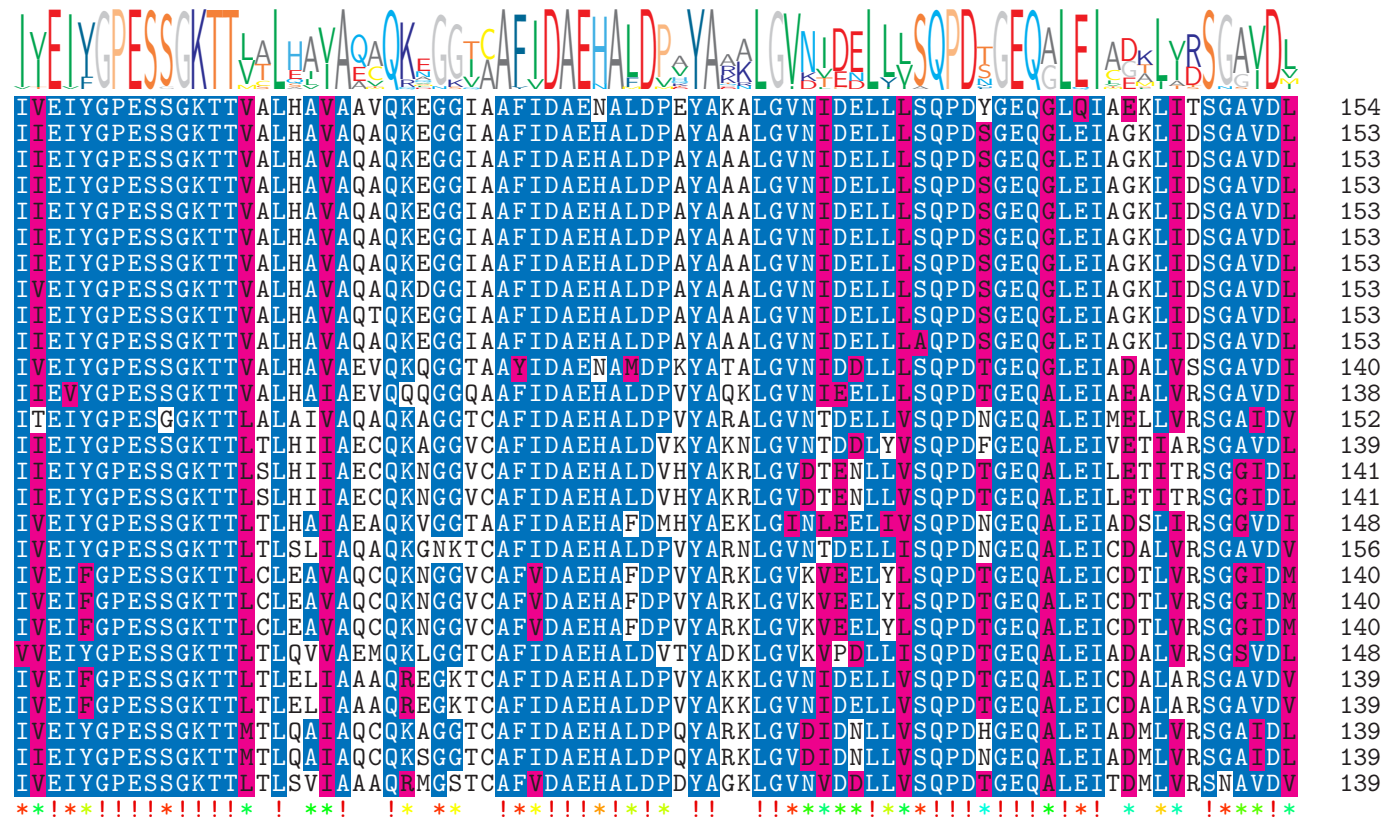
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NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAKK....PKKLEEISKKFGA	EREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQ	VMSGSLALD	I	ALGSGGY	PKGR	73
NTDB id 228 SPD RS09265 WP 001085462.1	.MAKK....PKKLEEISKKFGA	EREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQ	VMSGSLALD	I	ALGSGGY	PKGR	73
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NTDB id 159 SP RS09750 WP 001085462.1	.MAKK....PKKLEEISKKFGA	EREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQ	VMSGSLALD	I	ALGSGGY	PKGR	73
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NTDB id 307391 DV947 RS00360 WP 002949056.1	.MAKK....TKKTEEITKKFG	DERRKALDDALKNIEKD	FGKGAVMRLGER	.AEQKVQ	VMSGSLALD	I	ALGAGGY	PKGR	73
NTDB id 453 Spy49 1753c ACI62003.1	.MAKK....LKKNEEITKKFG	DERRKALDDALKNIEKD	FGKGAVMRLGER	.AEQKVQ	VMSGSLALD	I	ALGAGGY	PKGR	73
NTDB id 625 LCA RS02525 WP 011374196.1	MAKDERQAALDAALKKIEKN	FNGKGSIMRMGEK	.VDTQVST	VSSGSLALDEAL	GVGGY	PRGR			60
NTDB id 115 BSU 16940 NP 389576.2	MSDRQAALDMALKQIEKQ	FGKGSIMKLGAE	.TDTRI	STVPSGSLALD	TALGIGGY	PRGR			58
NTDB id 1313 DR RS12030 WP 010888966.1	MSKDATKEISAPTDAKERSKA	ITETAMSQIEKA	FGKGSIMKLGAE	.SKLDVQ	VVSTGSLSLD	LALGVGGI	PRGR		72
NTDB id 1245 Cj1673c YP 002345041.1	MDNKRKSLDAALKS	LDKTFGKGTILRLGDK	.EVEQID	ISTG	SVGLDLALGIGG	VPKGR			59
NTDB id 1211 C694 RS00795 WP 000963128.1	MAIDEDKQKATISLA	IKQIDKVF	FGKGALVRLGDK	.QVEKID	ISTG	SLGLDLALGIGG	VPKGR		61
NTDB id 1214 NCTC11637 00359 SQJ03206.1	MAIDEDKQKATISLA	IKQIDKVF	FGKGALVRLGDK	.QVEKID	AISTG	SLGLDLALGIGG	VPKGR		61
NTDB id 1334 RAOC RS04870 WP 004918236.1	MAKT..ETTSNDDKKK	KALAAVLEKLDKT	YGKGTVMKLG	DGTVDHNI	EVIPSG	SLGLDLALGVGGY	PKGR		68
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKKSSKNNTV..VKQVEP	EQKKQALEAALA	QIEKQFGKGSIMKLGQT	.EQLDIE	SVSTGSLGLDLALGIGGL	PMGR			76
NTDB id 1130 NGFG RS03960 WP 003688695.1	MSDDKSKALAAALA	QIEKSFGKGAIMKMDGSQ	QEENLEVISTG	SLGLDLALGVGGL	PRGR				60
NTDB id 1124 NGFG RS03960 WP 003688695.1	MSDDKSKALAAALA	QIEKSFGKGAIMKMDGSQ	QEENLEVISTG	SLGLDLALGVGGL	PRGR				60
NTDB id 1123 OK783 RS03845 WP 003688695.1	MSDDKSKALAAALA	QIEKSFGKGAIMKMDGSQ	QEENLEVISTG	SLGLDLALGVGGL	PRGR				60
NTDB id 1427 RS RS02760 WP 011000510.1	.MEDG.....K..KAASMSA	EKQKALAAALA	QIEKQFGKGSIMKMGDA	.EVEPVQ	VVSTGSLGLD	VALGVGGL	PRGR		68
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NTDB id 1074 ABD1 RS10195 WP 000344167.1	MDENKSKALQAALS	QIEKQFGKNTVMRLGDN	.TVQAVEA	VSTG	SLTLDIALGIGGL	PKGR			59
NTDB id 1205 PSJM300 05545 AFN77183.1	MDENKKRALAAALG	QIEKQFGKGAVMRMGDH	.DRQAIPS	ISTG	SLGLDIALGIGGL	PKGR			59
consensus	***	***	*	***!	***!	*****	*	***!!*!!*!!*!!*!!*!!	

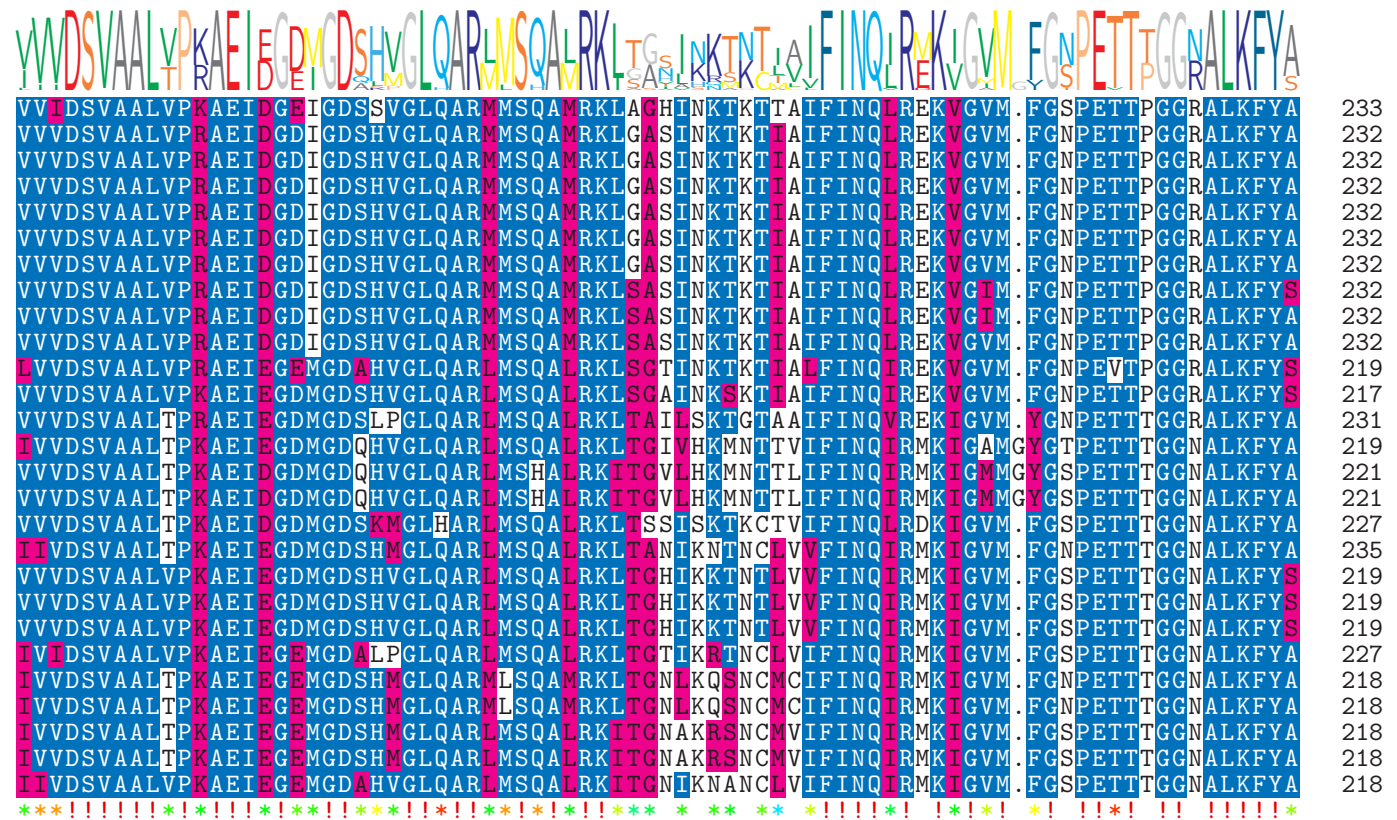
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NTDB id 194 SPR RS08825 WP 001085462.1
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NTDB id 408 SMU RS09530 WP 002262392.1
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consensus

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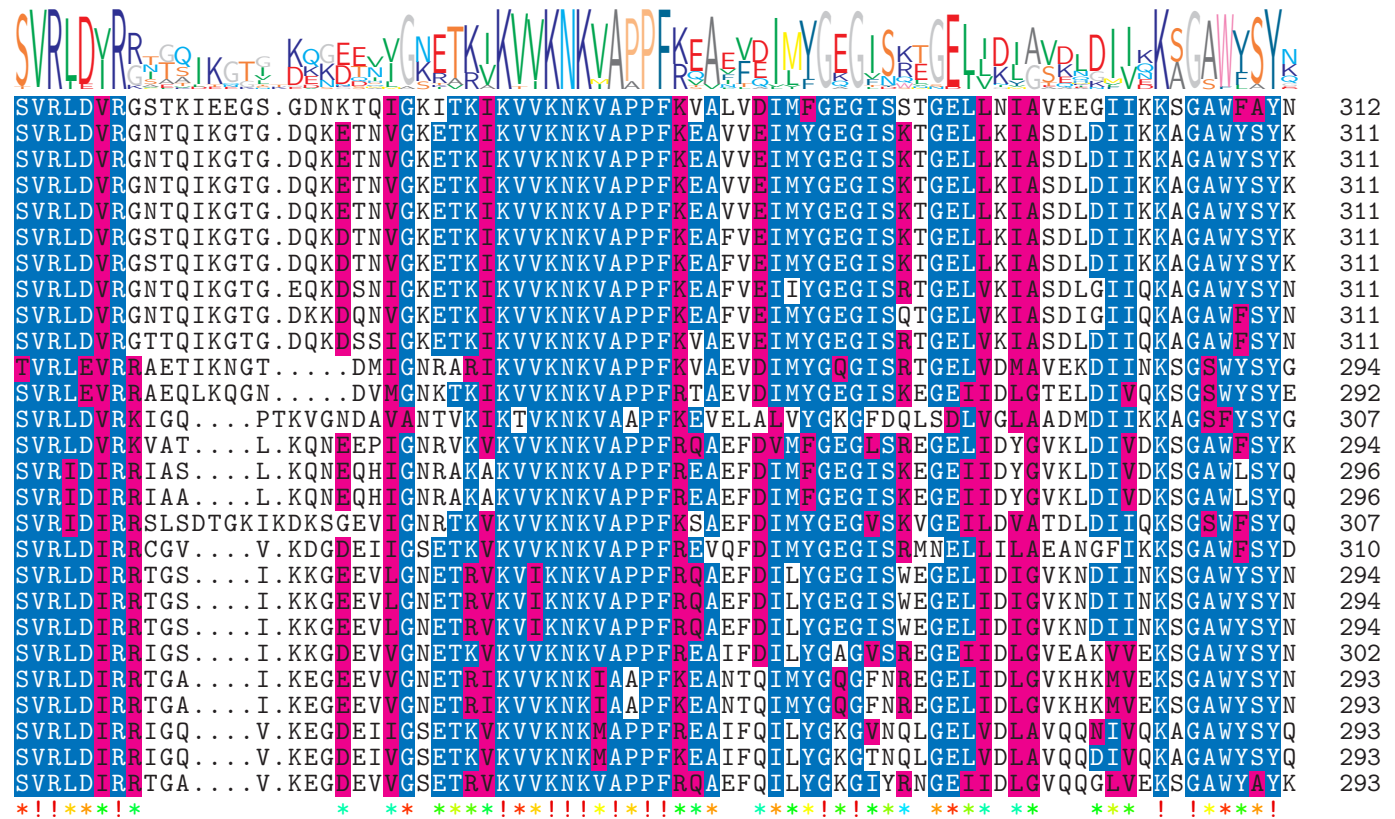
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NTDB id 1074 ABD1 RS10195 WP 000344167.1
NTDB id 1205 PSJM300 05545 AFN77183.1
consensus

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GEKIGQGSENAKKFLADNPEIFDDIDHKKVRVQGLIEEDNTEEKQSSKEKE...T...DE..KADKNLVLELDDTIELE	382
GEKIGQGSENAKKYLADHPEIFAIDHKKVRVHYGLVELDEDDVVEDTQVEDT..Q...VE..DTSDLELILDLDSTIEIE	383
GEKIGQGSENAKRYLADHPQLFDEIDRKVRVKFGLLEESEESAMAV.....AS..EETDDLALDLNGIEIE	377
SERIGQGRENAKNYLADHEDVEDEVRLKVRAAAGISDVPEEDLPTTEDE.QINI.....LPDDSTEE..	355
EEERLGGRENAKQFLKENDKIMLTIQEIQIREHYGLDNNGVVQQQAETQEELEF.....E.E.....	348
DERIGQGKEKTIAYIAIERPEMEQEIRDRVMAAIRAGNAGEAPALAPAPAAPEAA...EA.....	363
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DKKLGGGRENAKALLKEDKALADEITLKIKESIGSNEEI....MPLPDE..PL.....EEME	347
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GAKIGQKKNVVRVWLKENPEISDEIDAKIRALNGVEMHI....TEGTQDETGD.....ER.....PEE.....	348
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logo

		↓EE	
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NTDB id 269 KZH43 RS08665 WP 001085462.1	IEE	388	
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consensus			

-  non conserved
-  similar
-  ≥ 50% conserved