

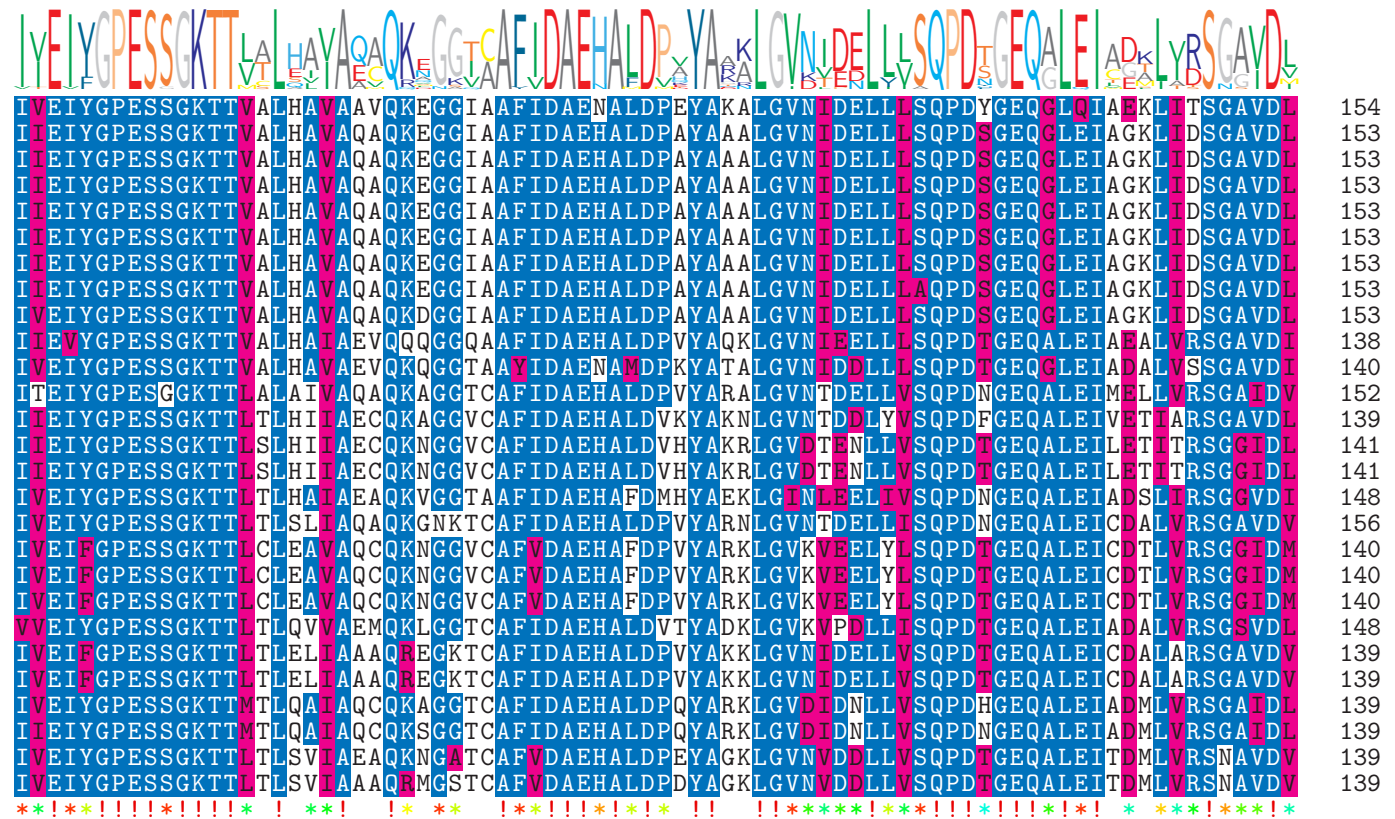
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NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAKKP.....KKLEEISKKFGA	EREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQV	MSSGSLALD	I	ALGSGGY	PKGR	73
NTDB id 228 SPD RS09265 WP 001085462.1	.MAKKP.....KKLEEISKKFGA	EREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQV	MSSGSLALD	I	ALGSGGY	PKGR	73
NTDB id 194 SPR RS08825 WP 001085462.1	.MAKKP.....KKLEEISKKFGA	EREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQV	MSSGSLALD	I	ALGSGGY	PKGR	73
NTDB id 159 SP RS09750 WP 001085462.1	.MAKKP.....KKLEEISKKFGA	EREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQV	MSSGSLALD	I	ALGSGGY	PKGR	73
NTDB id 527 SMSK321 RS11065 WP 001085454.1	.MAKKP.....KKLDEISKKFGA	EREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQV	MSSGSLALD	I	ALGSGGY	PKGR	73
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NTDB id 453 Spy49 1753c ACI62003.1	.MAKKL.....KKNEEITKKFG	DERRKALDDALKNIEKD	FGKGAVMRLGER	.AEQKVQV	MSSGSLALD	I	ALGAGGY	PKGR	73
NTDB id 408 SMU RS09530 WP 002262392.1	.MAKRI.....KKTEEITKKFG	DERKKALDDALKNIEKD	FGKGAVMRLGER	.AEQKVQV	MSSGSLALD	I	ALGAGGY	PKGR	73
NTDB id 115 BSU 16940 NP 389576.2	MSDRQAALDMALKQ	IEKQFGKGSIMKLGEK	.TDTRISTV	PSGSLALD	T	ALGIGGY	PRGR		58
NTDB id 625 LCA RS02525 WP 011374196.1	MAKDERQAALDAALKK	IEKNFGKGSIMRMGEK	.VDTQVSTV	SSGSLALD	E	ALGVGGY	PRGR		60
NTDB id 1313 DR RS12030 WP 010888966.1	MSKDATKEISAPTD	AKERSKATETAMSQIEKA	FGKGSIMKLGAE	.SKLDVQV	STGSLSLD	I	ALGVGGI	PRGR	72
NTDB id 1245 Cj1673c YP 002345041.1	MDDNKRKSLDAALKS	LDKTFGKGTILRLGDK	.EVEQIDS	IGTGSVGLD	I	ALGIGGY	VPKGR		59
NTDB id 1214 NCTC11637 00359 SQJ03206.1	MAIDEDKQKAI	SLAIKQIDKVF	FGKGALVRLGDK	.QVEKIDA	ISTGSLGLD	I	ALGIGGY	VPKGR	61
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NTDB id 1334 RAOC RS04870 WP 004918236.1	MAKTE..TTSPN	DDKKKALA	AVLEKLDKTYGKGTVMKLG	DGTVDHNI	IEVIPSGSLGLD	I	ALGVGGY	VPKGR	68
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKKSSKNNTVV..KQVEP	EQKKQALEAALA	QIEKQFGKGSIMKLGQT	.EQLDIES	VSTGSLGLD	I	ALGIGGL	PMGR	76
NTDB id 1130 NGFG RS03960 WP 003688695.1	MSDDKSKALAAALA	QIEKSFGKGAIMKMDGSQ	QEENLEVISTGSLGLD	I	ALGVGGL	PRGR		60	
NTDB id 1124 NGFG RS03960 WP 003688695.1	MSDDKSKALAAALA	QIEKSFGKGAIMKMDGSQ	QEENLEVISTGSLGLD	I	ALGVGGL	PRGR		60	
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NTDB id 1022 ACIAD RS06390 WP 004925639.1	MDDNKSKALQAALS	QIEKQFGKNTVMRLGDN	.TVQAVEAV	STGSLTLD	I	ALGIGGL	PKGR		59
NTDB id 1074 ABD1 RS10195 WP 000344167.1	MDENKSKALQAALS	QIEKQFGKNTVMRLGDN	.TVQAVEAV	STGSLTLD	I	ALGIGGL	PKGR		59
NTDB id 182640 A210 RS21075 WP 003252365.1	MDDNKKRALAAALG	QIERQFGKGAVMRMGDH	.ERQGI	PAISTGSLGLD	I	ALGIGGL	PKGR		59
NTDB id 1205 PSJM300 05545 AFN77183.1	MDENKKRALAAALG	QIEKQFGKGAVMRMGDH	.DRQAIPS	ISTGSLGLD	I	ALGIGGL	PKGR		59
consensus	*** **	***	***	***	***	***	***	***	

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NTDB id 1205 PSJM300 05545 AFN77183.1
consensus

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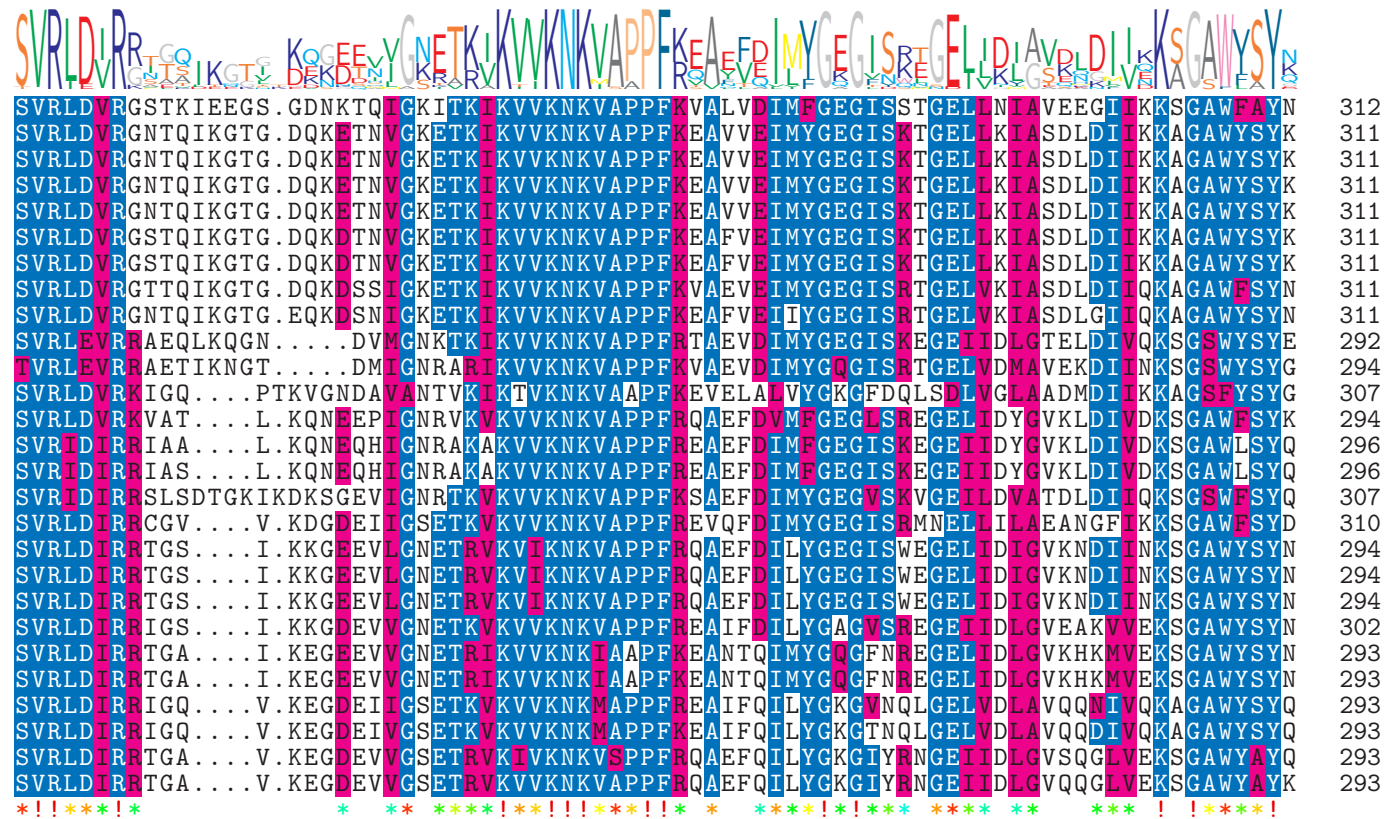


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NTDB	id	228	SPD	RS09265	WP	001085462.1	VV	DSVAALVPRAEID	GD	IGDSHVGLQARMMSQAMRKL	GAS	INKTKTTA	IFINQLREK	VGV	M	FGNPETT	P	GGRALKFYA	232
NTDB	id	194	SPR	RS08825	WP	001085462.1	VV	DSVAALVPRAEID	GD	IGDSHVGLQARMMSQAMRKL	GAS	INKTKTTA	IFINQLREK	VGV	M	FGNPETT	P	GGRALKFYA	232
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NTDB	id	1214	NCTC11637	00359	SQJ03206.1	VV	DSVAALTPKAEID	GDM	GDAQHVGLQARLMSHALRKIT	GVL	HKMNTTL	IFINQIRMK	IGMMGY	YGS	PETTT	T	TGGRALKFYA	221	
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NTDB	id	1334	RAOC	RS04870	WP	004918236.1	VV	DSVAALTPKAEID	GDM	GDSKMGHLHARLMSQALRKLT	SS	ISKTKCTV	IFINQLRDK	IGV	M	FGSPETTT	T	TGGRALKFYA	227
NTDB	id	1389	A4U84	RS07560	WP	021112712.1	I	VVDSVAALTPKAEIE	GDM	GDSHMGGLQARLMSQALRKLT	ANIK	NTNCLV	VFINQIRMK	IGV	M	FGNPETTT	T	TGGRALKFYA	235
NTDB	id	1130	NGFG	RS03960	WP	003688695.1	VV	DSVAALVPKAEIE	GDM	GDSHVGLQARLMSQALRKLT	GHI	KKTNTL	VVFINQIRMK	IGV	M	FGSPETTT	T	TGGRALKFY	219
NTDB	id	1124	NGFG	RS03960	WP	003688695.1	VV	DSVAALVPKAEIE	GDM	GDSHVGLQARLMSQALRKLT	GHI	KKTNTL	VVFINQIRMK	IGV	M	FGSPETTT	T	TGGRALKFY	219
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NTDB	id	1142	GTF74	RS11550	WP	000344154.1	I	VDSVAALTPKAEIE	GEM	GDSHMGGLQARLMSQAMRKL	TGN	LKQSNCMC	IFINQIRMK	IGV	M	FGNPETTT	T	TGGRALKFYA	218
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NTDB id 182640 A210 RS21075 WP 003252365.1
NTDB id 1205 PSJM300 05545 AFN77183.1
consensus

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consensus

Sequence	Score
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GEKIGQGSENAKRYLADHPQLFDEIDRKVRVKFGLLEESEESAMAVASE E TDDLALDLNGIEIE	377
GEKIGQGSENAKKFLADNPVFEIDHQRVQVGLIEEDNTEEKQSSKEK ETDEK ADKNLVLELDDTIELE	382
EERLGQGRENAKQFLKENKDIMLMIQEQUIREHYGLDNGGVVQQAEETQEEL . EFE . E	348
SERIGQGRENAKNYLADHEDVEDEVRLKVRAAAGISDVPEEDLPTTEDE . QI . NILPDDST EE	355
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DKKLGGGRENASKAFLKENPEIADEITKAIQNSMGIEGMISGSEDDEGE E	343
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GDKIGQKKANACKYLKENPEIAKTLKKLREMLLPENMQLIAETSSA . . . AD . . . DVE FGAVPEEF	354
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logo

NTDB id 600 KW2 RS01765 WP 011675413.1	...	387
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NTDB id 228 SPD RS09265 WP 001085462.1	IEE	388
NTDB id 194 SPR RS08825 WP 001085462.1	IEE	388
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NTDB id 1205 PSJM300 05545 AFN77183.1	...	347

consensus

 non conserved
 similar
 ≥ 50% conserved