

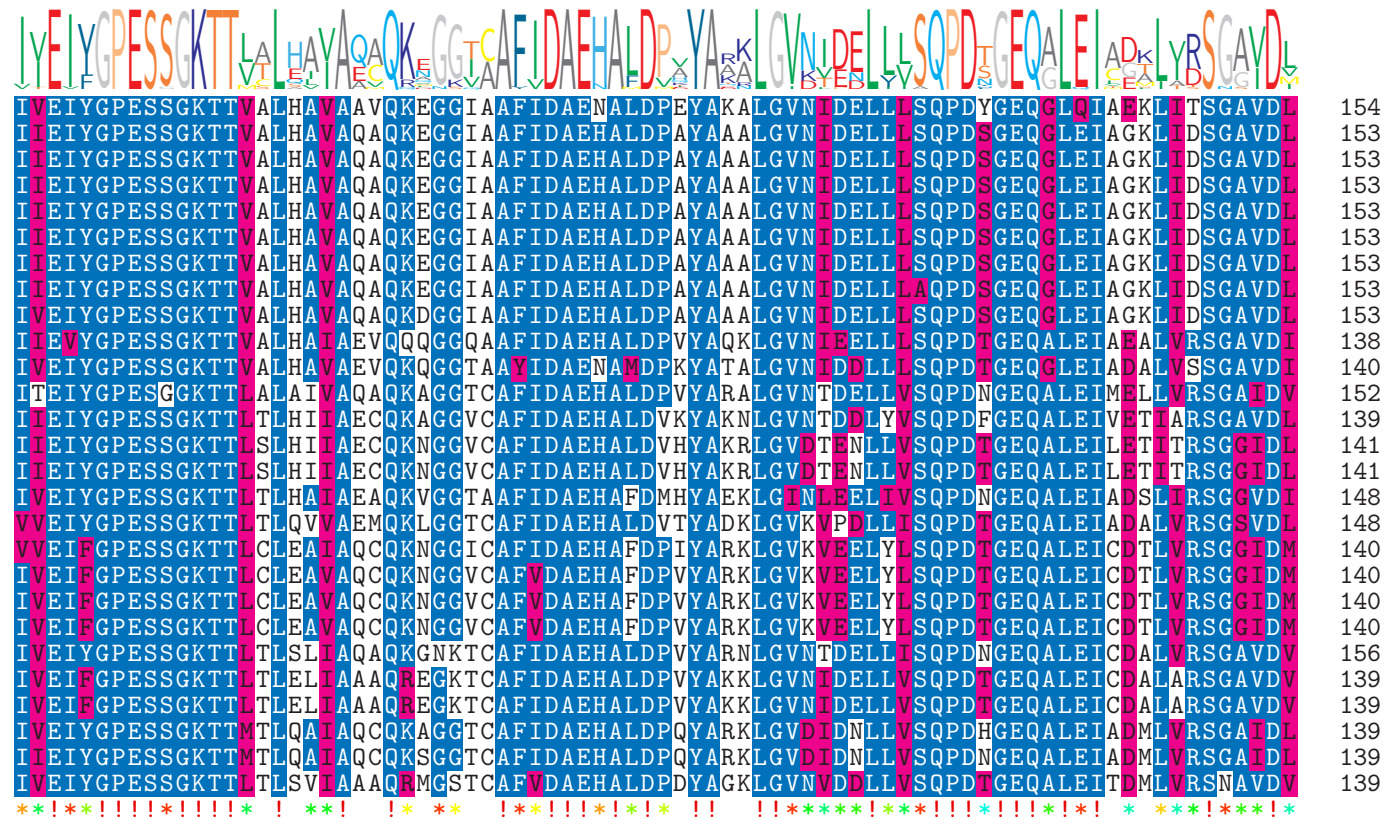
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NTDB id 600 KW2 RS01765 WP 011675413.1	MATKKK....TNFDDITKKYGA	ERD	KAL	ADAL	AL	IEKD	FGKGS	LMRLG	EAA	NQKV	SVV	SSGSL	ALD	I	ALG	AGGY	PKGR	74		
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NTDB id 453 Spy49 1753c ACI62003.1	.MAKKL....KKNEEITKKFG	DERR	KAL	DD	ALKN	IEKD	FGKGA	V	MRLG	ERA	EQKV	VQV	MSSGSL	ALD	I	ALG	AGGY	PKGR	73	
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NTDB id 115 BSU 16940 NP 389576.2	MSDRQAALDMALK	QIEK	Q	FGKGS	SIM	K	LGEKT	DTRI	ISTV	PSGSL	ALD	T	ALG	IGGY	PRGR	58				
NTDB id 625 LCA RS02525 WP 011374196.1	MAKDERQAALDA	ALKK	IEKN	FGKGS	SIMRM	G	EKV	DTQV	STV	SSGSL	ALDE	ALGV	GGY	PRGR	60					
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NTDB id 1245 Cj1673c YP 002345041.1	MDDNKRKSLDA	ALKS	LD	KT	FGKGT	IL	RLG	DE	VEQ	IDS	IGTGS	VGLD	L	ALG	IGGV	PKGR	59			
NTDB id 1214 NCTC11637 00359 SQJ03206.1	MAIDEDKQKAI	SLAI	KQ	ID	KVFG	KGAL	VRLG	DKQ	VEK	IDA	ISTGSL	G	LD	L	ALG	IGGV	PKGR	61		
NTDB id 1211 C694 RS00795 WP 000963128.1	MAIDEDKQKAI	SLAI	KQ	ID	KVFG	KGAL	VRLG	DKQ	VEK	IDS	ISTGSL	G	LD	L	ALG	IGGV	PKGR	61		
NTDB id 1334 RAOC RS04870 WP 004918236.1	MAKT..ETTS	PNDD	KKK	KALAA	VLEK	LDKT	YGKGT	VMKLG	DGT	V	DHNI	EV	IP	SGSL	GLDL	ALGV	GGY	PKGR	68	
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NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKKSSKNNTV..VKQ	VEPEQ	KKQ	ALAA	AL	AQIEK	QFGKGS	SIMKL	G	QTE	QLD	IES	VSTGSL	G	LD	L	ALG	IGGL	PMGR	76
NTDB id 1165 A1552VC RS01565 WP 000344154.1	MDENKQKALAA	AL	GQIEK	QFGKGS	SIMRLG	DN	R	AMD	VET	ISTGSL	S	LD	I	ALG	AGGL	PMGR	59			
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consensus	***	***	*	***	!	!!	*****	*	***!!	***!!	!!!	!!	!!!							

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NTDB id 115 BSU 16940 NP 389576.2
NTDB id 625 LCA RS02525 WP 011374196.1
NTDB id 1313 DR RS12030 WP 010888966.1
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consensus

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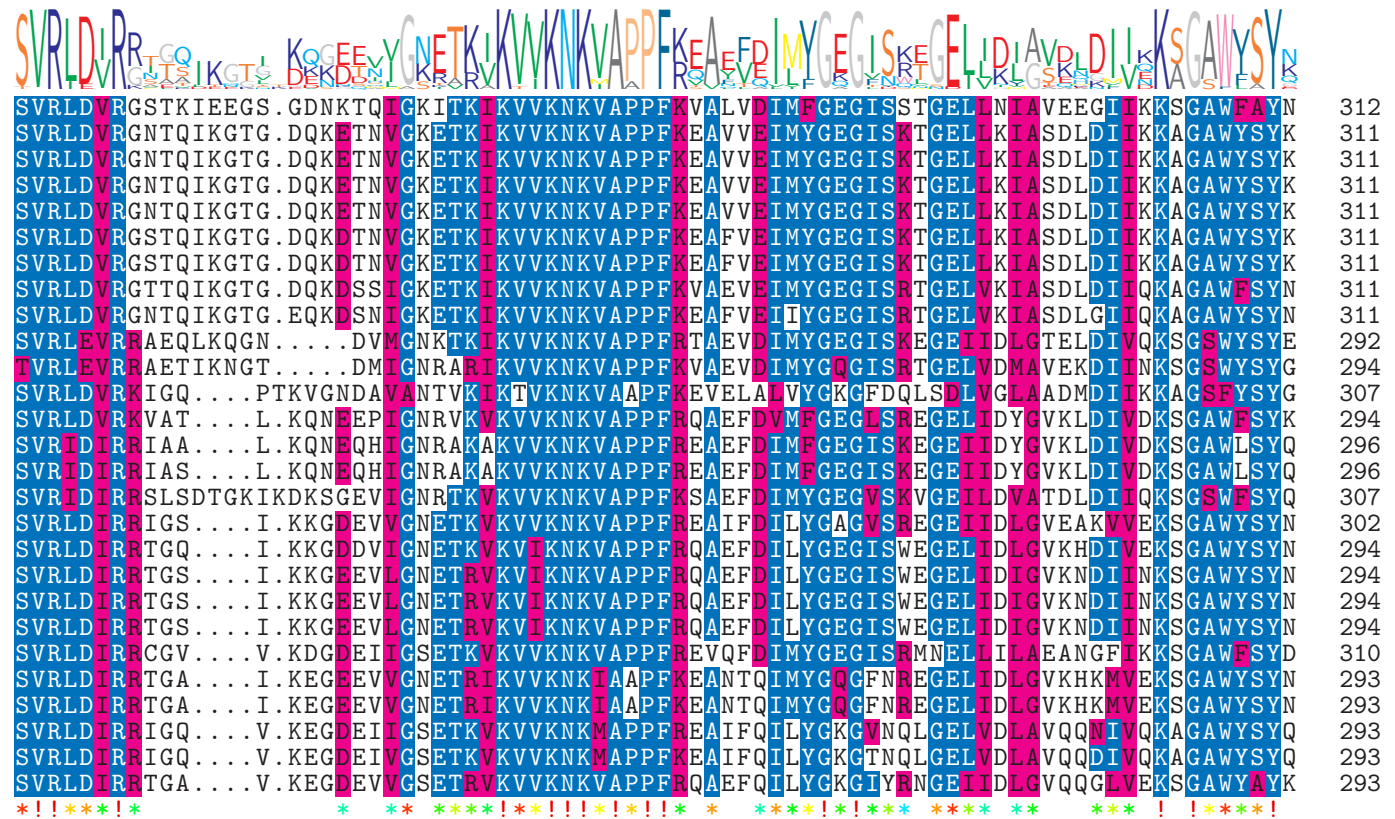


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NTDB	id	194	SPR	RS08825	WP	001085462.1	VV	DSVAALVPRAEID	GD	IGDSHVGLQARMMSQAMRKL	GAS	INKTKTTA	IFINQLREK	VGV	M	FGNPETT	P	GG	RALKFYA	232
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NTDB	id	499	SM12261	RS08315	WP	078228268.1	VV	DSVAALVPRAEID	GD	IGDSHVGLQARMMSQAMRKL	GAS	INKTKTTA	IFINQLREK	VGV	M	FGNPETT	P	GG	RALKFYA	232
NTDB	id	527	SMSK321	RS11065	WP	001085454.1	VV	DSVAALVPRAEID	GD	IGDSHVGLQARMMSQAMRKL	GAS	INKTKTTA	IFINQLREK	VGV	M	FGNPETT	P	GG	RALKFYA	232
NTDB	id	453	Spy49	1753c	ACI	62003.1	VV	DSVAALVPRAEID	GD	IGDSHVGLQARMMSQAMRKL	SAS	INKTKTTA	IFINQLREK	VGV	M	FGNPETT	P	GG	RALKFYA	232
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NTDB	id	625	LCA	RS02525	WP	001374196.1	L	V	DSVAALVPRAEIE	GEM	GDAHVGLQARLMSQALRKL	SGT	INKTKTIA	IFINQIREK	VGV	M	FGNPEVTP	GG	RALKFY	219
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NTDB	id	1211	C694	RS00795	WP	000963128.1	VV	DSVAALTPKAEID	GDM	GDAQHVGLQARLMSHALRKL	ITG	VLHKMNTTL	IFINQIRMK	IGMMGY	YGS	PETTT	GG	NALKFYA	221	
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NTDB id 600 KW2 RS01765 WP 011675413.1
NTDB id 269 KZH43 RS08665 WP 001085462.1
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NTDB id 1142 GTF74 RS11550 WP 000344154.1
NTDB id 1022 ACIAD RS06390 WP 004925639.1
NTDB id 1074 ABD1 RS10195 WP 000344167.1
NTDB id 1205 PSJM300 05545 AFN77183.1
consensus

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logo

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NTDB id 1334 RAOC RS04870 WP 004918236.1	DTKLGGG	RDITVKELIKDNPE	LAELEAKIREKLQ	AK.....				343
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NTDB id 360888 FAH67 RS03340 WP 003680794.1	GAKIGQG	KDNVRVWLKENPD	IANEIDAKIRAAVG	INVDI.....TE	GKLDDTDGER.....	PEE.....		348
NTDB id 1130 NGFG RS03960 WP 003688695.1	GAKIGQG	KDNVRVWLKENPEI	SDEIDAKIRALNG	VEMHI.....TE	GTDQDETGER.....	PEE.....		348
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NTDB id 1389 A4U84 RS07560 WP 021112712.1	GTKIGQG	KNNAVKWLKENPEI	ADKLEQEI	RNTLASNPNS....	VLKATASDSNDES	.VEEFSEEL.....		372
NTDB id 1165 A1552VC RS01565 WP 000344154.1	GDKIGQG	KANACKYLVKENPEI	AKTLDKKLREML	LNPNM.....QL	IAETSSAADDVE	.FGAVPEEF.....		354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	GDKIGQG	KANACKYLVKENPEI	AKTLDKKLREML	LNPNM.....QL	IAETSSAADDVE	.FGAVPEEF.....		354
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consensus	***!!!	*****	**	*****	*****	**	**	

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NTDB id 1205 PSJM300 05545 AFN77183.1	...	347

consensus

 non conserved
 similar
 ≥ 50% conserved