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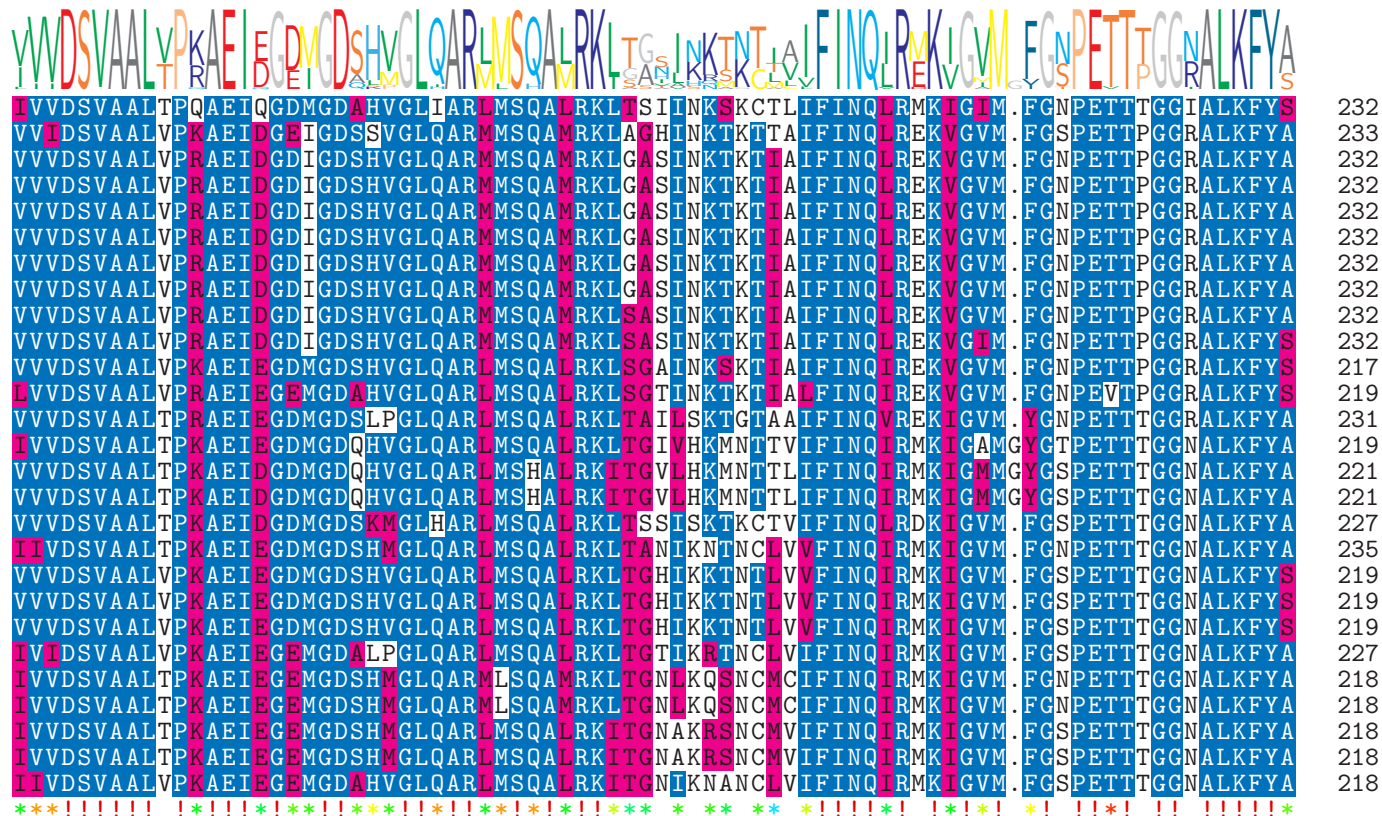
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consensus	*	*	!	*	*	!	!	!	!	!	!	!	!	*	!	*	*	!	!	*	*	*	!	*	*	!	*	*	!	*	*	!	*	*	!	*	*	!	*	*	!	!	!	*	*	!	!	!	*	*	!																															

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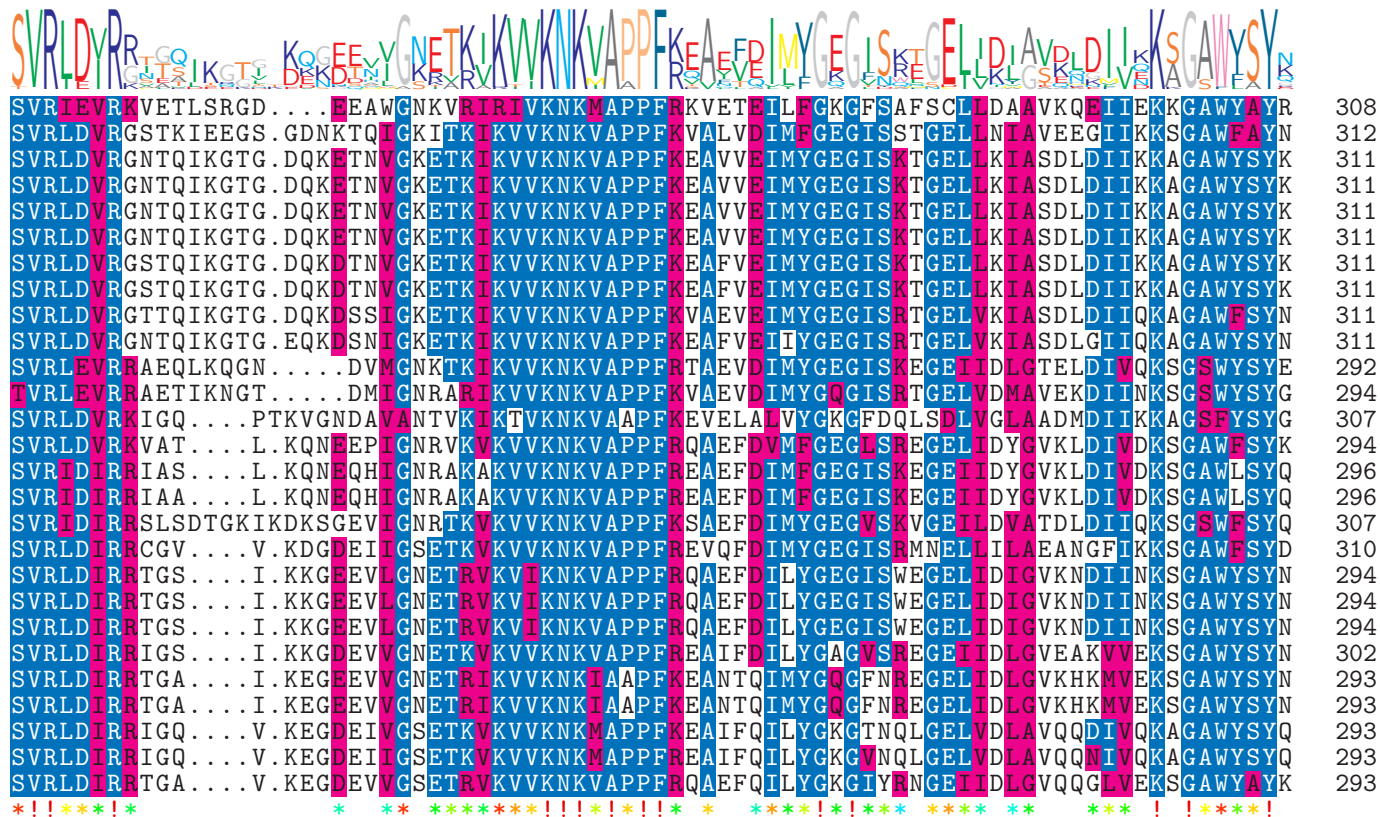
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NTDB id 115 BSU 16940 NP 389576.2	EERLGGQ	RENAKQFL	KENK	DI	MLMI	QE	QIREHYCLD	NNGVVQQQAEETQEEL	EFE.E.....	348				
NTDB id 625 LCA RS02525 WP 011374196.1	SERIGQG	RENAKNYL	ADHED	VE	EVRLK	VRAAY	CTSDVPEEDLPTTEDE	.QI.NILPDDST	EE.....	355				
NTDB id 1313 DR RS12030 WP 010888966.1	DERIGQG	KEKTIA	YIA	ERP	EME	QE	IRDRVMAA	IRAGNAGEAPALAPAPAAPEAA	...EA.....	363				
NTDB id 1245 Cj1673c YP 002345041.1	DKKLGQ	GRENSKA	FLKENPEI	ADE	ITKAI	QNSM	GIEGMI	SGSEDDE	.G...EE.....	343				
NTDB id 1211 C694 RS00795 WP 000963128.1	DKKLGQ	GRENAK	ALLKED	KALADE	ITLKI	KESICS	NEEI	MPLPDEP	.L...EEME.....	347				
NTDB id 1214 NCTC11637 00359 SQJ03206.1	DKKLGQ	GRENAK	ALLKED	KALADE	ITLKI	KESICS	NEEI	MPLPDEP	.L...EEME.....	347				
NTDB id 1334 RAOC RS04870 WP 004918236.1	DTKLGGQ	GRD	TVKEL	IKDNPEI	AE	ELAKI	REKLQAK			343				
NTDB id 1389 A4U84 RS07560 WP 021112712.1	GTKIGQG	KNNAVK	VLKENPEI	AD	KL	EQEIR	NTLASNPNS	VLKATASDSN	...DES	VEEFSEEL.....	372			
NTDB id 1130 NGFG RS03960 WP 003688695.1	GAKIGQK	DNVRVWL	KENPEI	SDE	IDA	KI	RALNCVEMHI	TEGTQDETD	GERPEE	348				
NTDB id 1124 NGFG RS03960 WP 003688695.1	GAKIGQK	DNVRVWL	KENPEI	SDE	IDA	KI	RALNCVEMHI	TEGTQDETD	GERPEE	348				
NTDB id 1123 OK783 RS03845 WP 003688695.1	GAKIGQK	DNVRVWL	KENPEI	SDE	IDA	KI	RALNCVEMHI	TEGTQDETD	GERPEE	348				
NTDB id 1427 RS RS02760 WP 011000510.1	GERIGQG	GRDNC	REPL	RENA	EI	ARE	IE	NKVREHL	CVTPMG....AV.TLAEEVE	...ED.....	352			
NTDB id 1165 A1552VC RS01565 WP 000344154.1	GDKIGQG	KANACKY	LKENPEI	AKT	LD	KKL	REMLLNPNEM	QLIAETSSAA	...DDV	FGAVPEEF.....	354			
NTDB id 1142 GTF74 RS11550 WP 000344154.1	GDKIGQG	KANACKY	LKENPEI	AKT	LD	KKL	REMLLNPNEM	QLIAETSSAA	...DDV	FGAVPEEF.....	354			
NTDB id 1074 ABD1 RS10195 WP 000344167.1	GNKIGQK	NNVIRY	FEEN	QIA	EE	IE	RNI	REQLLTTGTN	GAVQ	.I.EDE...EED	...LLES.....	349		
NTDB id 1022 ACIAD RS06390 WP 004925639.1	GNKIGQK	NNVIRY	LEEN	PQ	I	STE	IE	AVIREQL	LLTKASD	QTAA.HDETE	...EED	...LLES.....	349	
NTDB id 1205 PSJM300 05545 AFN77183.1	GSKIGQG	KANA	AKY	L	ENPEI	G	QE	IE	QQIRAKLL	ITSAN	TKATPVAEDL	...ADAD	...I.....	347
consensus	***!!!	*****	***	*****	*****	***	***	***	*					

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NTDB id 668070 TPE6RU RS03490 WP 014342541.1	QEGSAANDHFQDESTTAKLL	407
NTDB id 600 KW2 RS01765 WP 011675413.1	ED.....	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	GDE....LEIEIEE.....	388
NTDB id 228 SPD RS09265 WP 001085462.1	GDE....LEIEIEE.....	388
NTDB id 194 SPR RS08825 WP 001085462.1	GDE....LEIEIEE.....	388
NTDB id 159 SP RS09750 WP 001085462.1	GDE....LEIEIEE.....	388
NTDB id 527 SMSK321 RS11065 WP 001085454.1	GDE....LEIEIEE.....	384
NTDB id 499 SM12261 RS08315 WP 078228268.1	GDE....LEIEIEE.....	384
NTDB id 453 Spy49 1753c ACI62003.1	DNG....IEIED.....	378
NTDB id 408 SMU RS09530 WP 002262392.1	DDT....IELED.....	383
NTDB id 115 BSU 16940 NP 389576.2	.....	348
NTDB id 625 LCA RS02525 WP 011374196.1	.....	355
NTDB id 1313 DR RS12030 WP 010888966.1	.....	363
NTDB id 1245 Cj1673c YP 002345041.1	.....	343
NTDB id 1211 C694 RS00795 WP 000963128.1	.....	347
NTDB id 1214 NCTC11637 00359 SQJ03206.1	.....	347
NTDB id 1334 RA0C RS04870 WP 004918236.1	.....	343
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.....	372
NTDB id 1130 NGFG RS03960 WP 003688695.1	.....	348
NTDB id 1124 NGFG RS03960 WP 003688695.1	.....	348
NTDB id 1123 OK783 RS03845 WP 003688695.1	.....	348
NTDB id 1427 RS RS02760 WP 011000510.1	.....	352
NTDB id 1165 A1552VC RS01565 WP 000344154.1	.....	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	.....	354
NTDB id 1074 ABD1 RS10195 WP 000344167.1	.....	349
NTDB id 1022 ACIAD RS06390 WP 004925639.1	.....	349
NTDB id 1205 PSJM300 05545 AFN77183.1	.....	347
consensus		

-  non conserved
-  similar
-  ≥ 50% conserved