

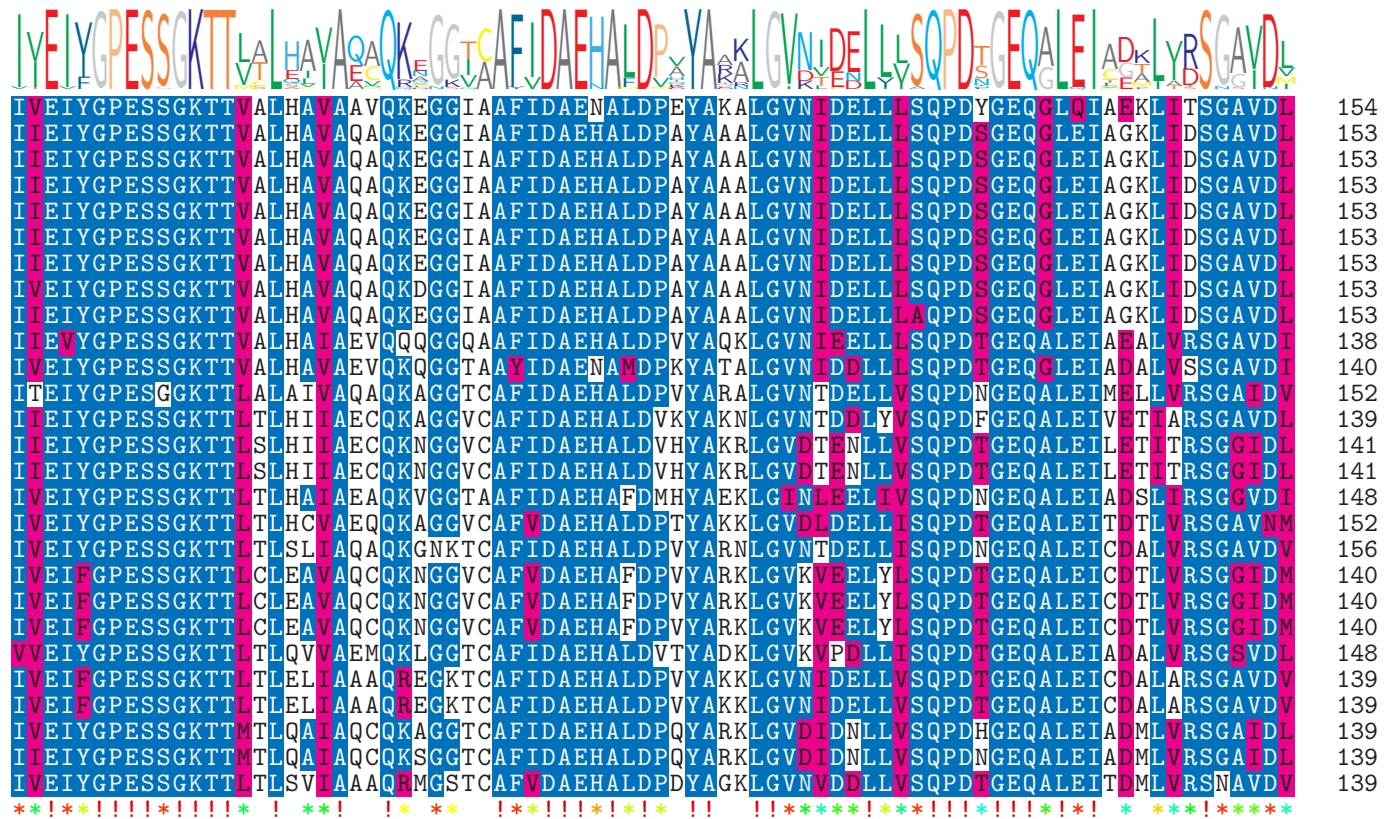
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NTDB id 1245 Cj1673c YP 002345041.1	MDDN	KRKSLDAALKSLDKT	FGKGTILRLGDK	.EVEQIDS	IGTGSVGLD	LALGIGGV	PKGR		59
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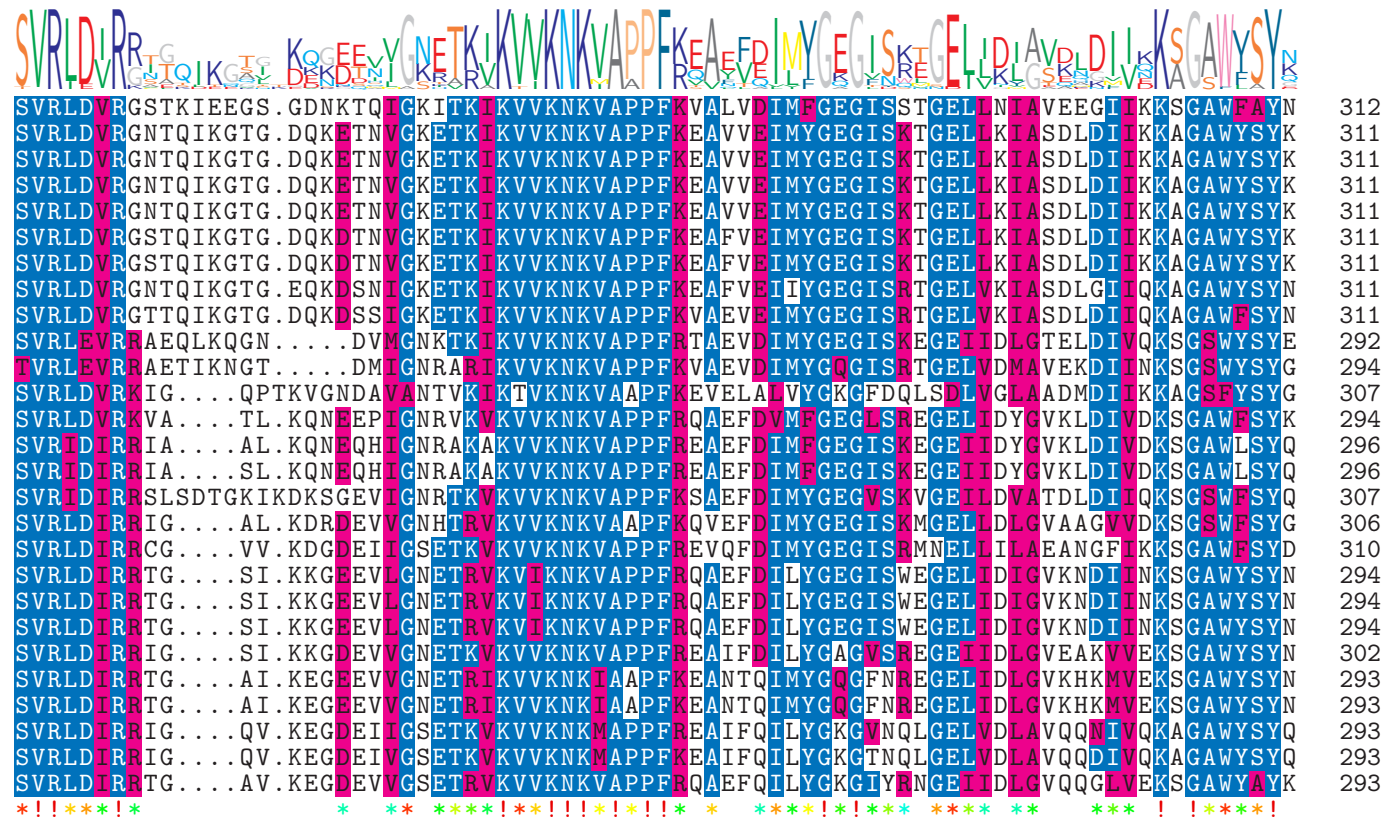
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consensus

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logo

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NTDB id 408 SMU RS09530 WP 002262392.1	GEKIGQGS	ENAKKFLADNPEIF	DDIDHKVVRVQYGL	IEEDNTEEKQSSKE	.K.....ETDEK..ADKNLVLELDDTIEL	381	
NTDB id 453 Spy49 1753c ACI62003.1	GEKIGQGS	ENAKRYLADHPQLF	DEIDRKVRVKFGL	LEESEEEESAMAVAS	.E.....E.....TDDLALDLNGIEI	376	
NTDB id 115 BSU 16940 NP 389576.2	EERLGGQREN	AKQFLKENKDIMLM	IQEQIREHYGL	DNNGVVQQAEETQ	.EEL.EFE.E.....	348	
NTDB id 625 LCA RS02525 WP 011374196.1	SERIGQGREN	AKNYLADHEDVE	DEVRLKVRAAYG	ISDVPEEDLPTTEDE	..QI.NILPDDST.....EE.....	355	
NTDB id 1313 DR RS12030 WP 010888966.1	DERIGQGKEK	TIAYIAERP	MEQEIRDRVMAA	IRAGNAGEAPALAP	APAEAAEA.....	363	
NTDB id 1245 Cj1673c YP 002345041.1	DKKLGGGREN	SKAFLKENPEIA	DEITKAIQNSMG	IEGMI..SGSEDDEG	..EE.....	343	
NTDB id 1214 NCTC11637 00359 SQJ03206.1	DKKLGGGREN	AKALLKEDKAL	ADEITLKI	KESIGSNEEI..MPLPDEPL	..EEME.....	347	
NTDB id 1211 C694 RS00795 WP 000963128.1	DKKLGGGREN	AKALLKEDKAL	ADEITLKI	KESIGSNEEI..MPLPDEPL	..EEME.....	347	
NTDB id 1334 RAOC RS04870 WP 004918236.1	DTKLGGGRD	TVKELIKDNPEL	AEELEAKIREKLQAK			343	
NTDB id 276946 CEP88 RS03375 WP 011568866.1	DERIGQGREN	AKGFLRENVQ	MALEIEDKIRA	AHGLDFDM..PAHE...KKAD	DDILEA.....	359	
NTDB id 1389 A4U84 RS07560 WP 021112712.1	GTKIGQGNNA	VKWLKENPEIA	DKLEQEIRNTLAS	NPNS..VLKATASDSN	DES	SDVEEFS.....EEEL.....	372
NTDB id 1130 NGFG RS03960 WP 003688695.1	GAKIGQGD	NVRVWLKENPEIS	DEIDAKIRALNG	VEMHI..TEGTQDET	DGER.....P.....EE.....	348	
NTDB id 1124 NGFG RS03960 WP 003688695.1	GAKIGQGD	NVRVWLKENPEIS	DEIDAKIRALNG	VEMHI..TEGTQDET	DGER.....P.....EE.....	348	
NTDB id 1123 OK783 RS03845 WP 003688695.1	GAKIGQGD	NVRVWLKENPEIS	DEIDAKIRALNG	VEMHI..TEGTQDET	DGER.....P.....EE.....	348	
NTDB id 1427 RS RS02760 WP 011000510.1	GERIGQGRD	NCREFLRENAEL	AREIENKVREHLG	VTPMG..AVTLA.EEVEED		352	
NTDB id 1165 A1552VC RS01565 WP 000344154.1	GD	KIGQGGKAN	ACKYLKENPEIA	AKTLDKKLREMLLN	PENM..QLIAETSSAAD	DVEFGAVP.....EEF.....	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	GD	KIGQGGKAN	ACKYLKENPEIA	AKTLDKKLREMLLN	PENM..QLIAETSSAAD	DVEFGAVP.....EEF.....	354
NTDB id 1022 ACIAD RS06390 WP 004925639.1	GN	KIGQGGKNN	VIRYLEENPQIST	EIEAVIREQLLT	TKASD..QTAA.HDETEE	EPDLL..E.....S.....	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	GN	KIGQGGKNN	VIRYFEENNQIAE	EIEERNIREQLLT	TGTN..GAVQ.I.EDEE	EPDLL..L.....ES.....	349
NTDB id 1205 PSJM300 05545 AFN77183.1	GS	KIGQGGKAN	AAKYLEENPEI	GQIEEQIRAKLL	VTSAN..TKATPVAEDLAD	ADI.....	347
consensus	***!!!!***** ** ***** ***** ** **					**	

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		EIEE	
NTDB id 600 KW2 RS01765 WP 011675413.1			387
NTDB id 269 KZH43 RS08665 WP 001085462.1	EIEE		388
NTDB id 228 SPD RS09265 WP 001085462.1	EIEE		388
NTDB id 194 SPR RS08825 WP 001085462.1	EIEE		388
NTDB id 159 SP RS09750 WP 001085462.1	EIEE		388
NTDB id 527 SMSK321 RS11065 WP 001085454.1	EIEE		384
NTDB id 499 SM12261 RS08315 WP 078228268.1	EIEE		384
NTDB id 408 SMU RS09530 WP 002262392.1	ED..		383
NTDB id 453 Spy49 1753c ACI62003.1	ED..		378
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 1214 NCTC11637 00359 SQJ03206.1	....		347
NTDB id 1211 C694 RS00795 WP 000963128.1	....		347
NTDB id 1334 RAOC RS04870 WP 004918236.1	....		343
NTDB id 276946 CEP88 RS03375 WP 011568866.1	....		359
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 1022 ACIAD RS06390 WP 004925639.1	....		349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	....		349
NTDB id 1205 PSJM300 05545 AFN77183.1	....		347
consensus			

-  non conserved
-  similar
-  ≥ 50% conserved