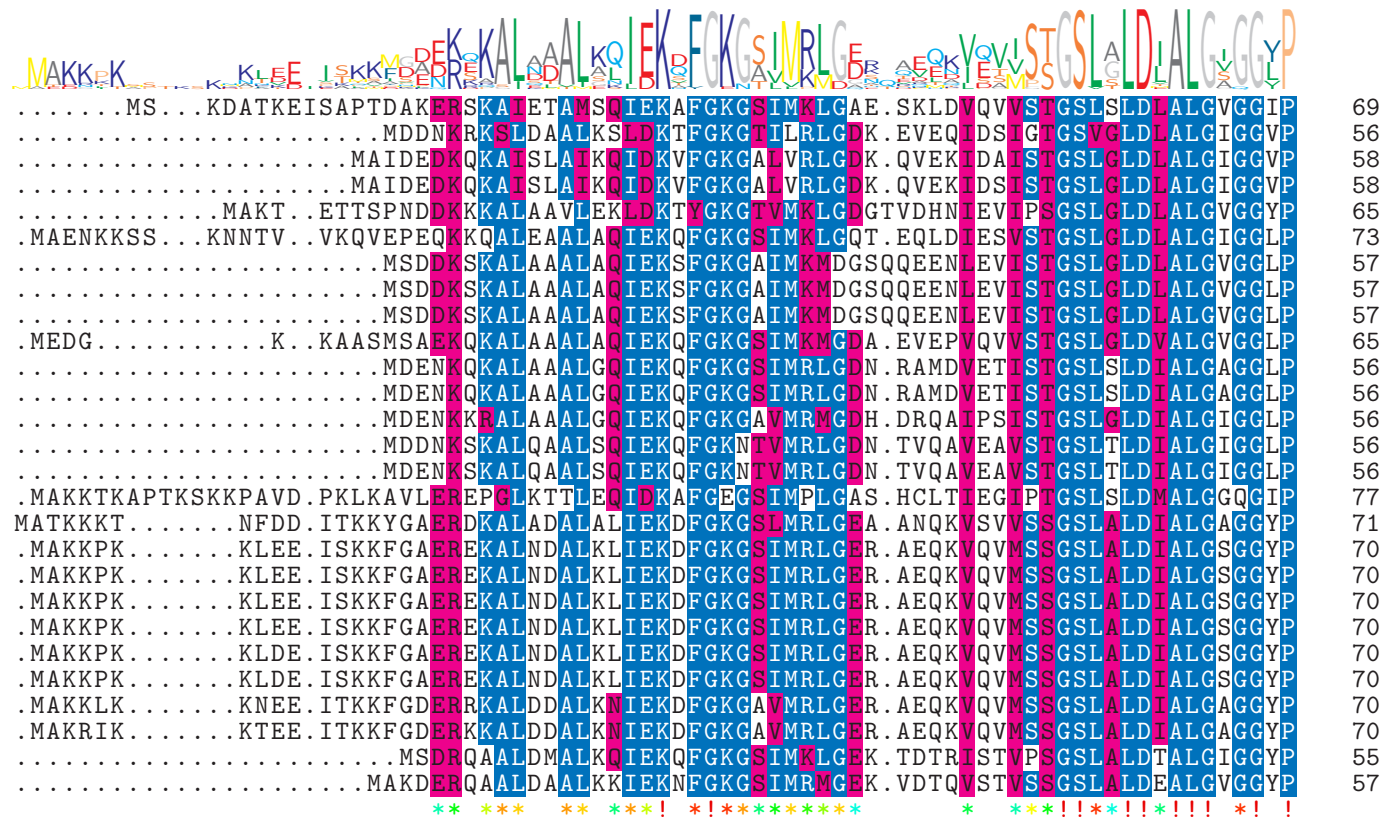


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consensus

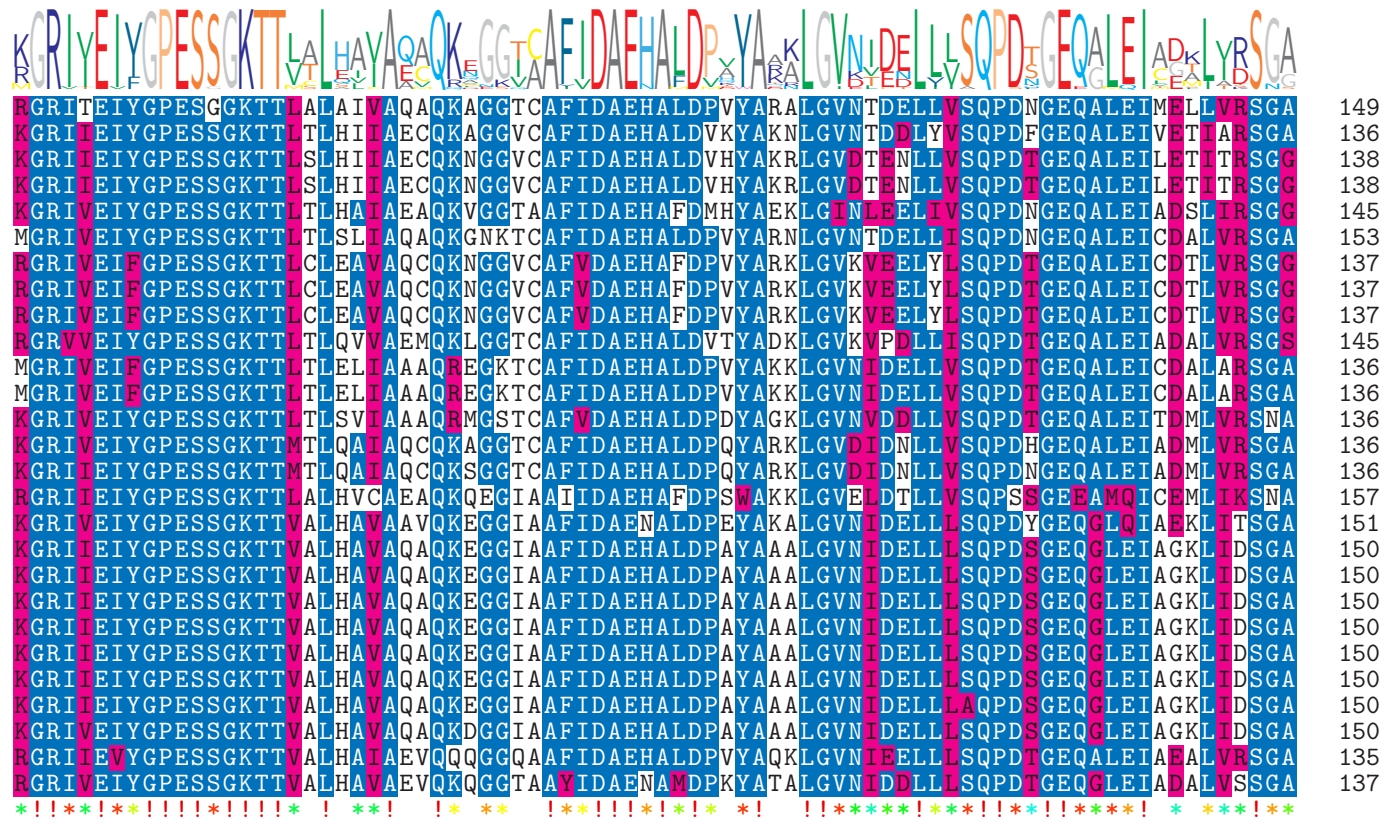
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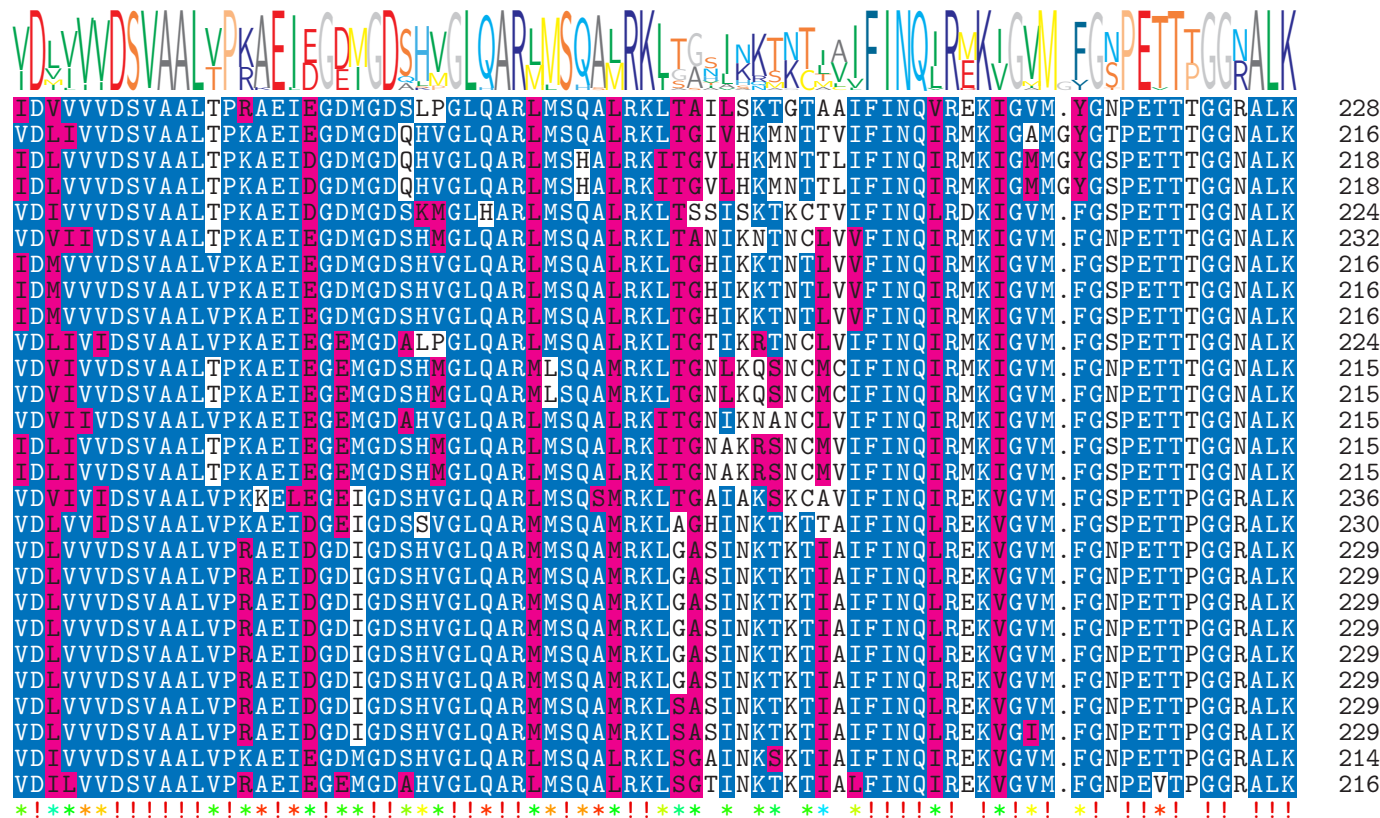
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NTDB id 625 LCA RS02525 WP 011374196.1
consensus

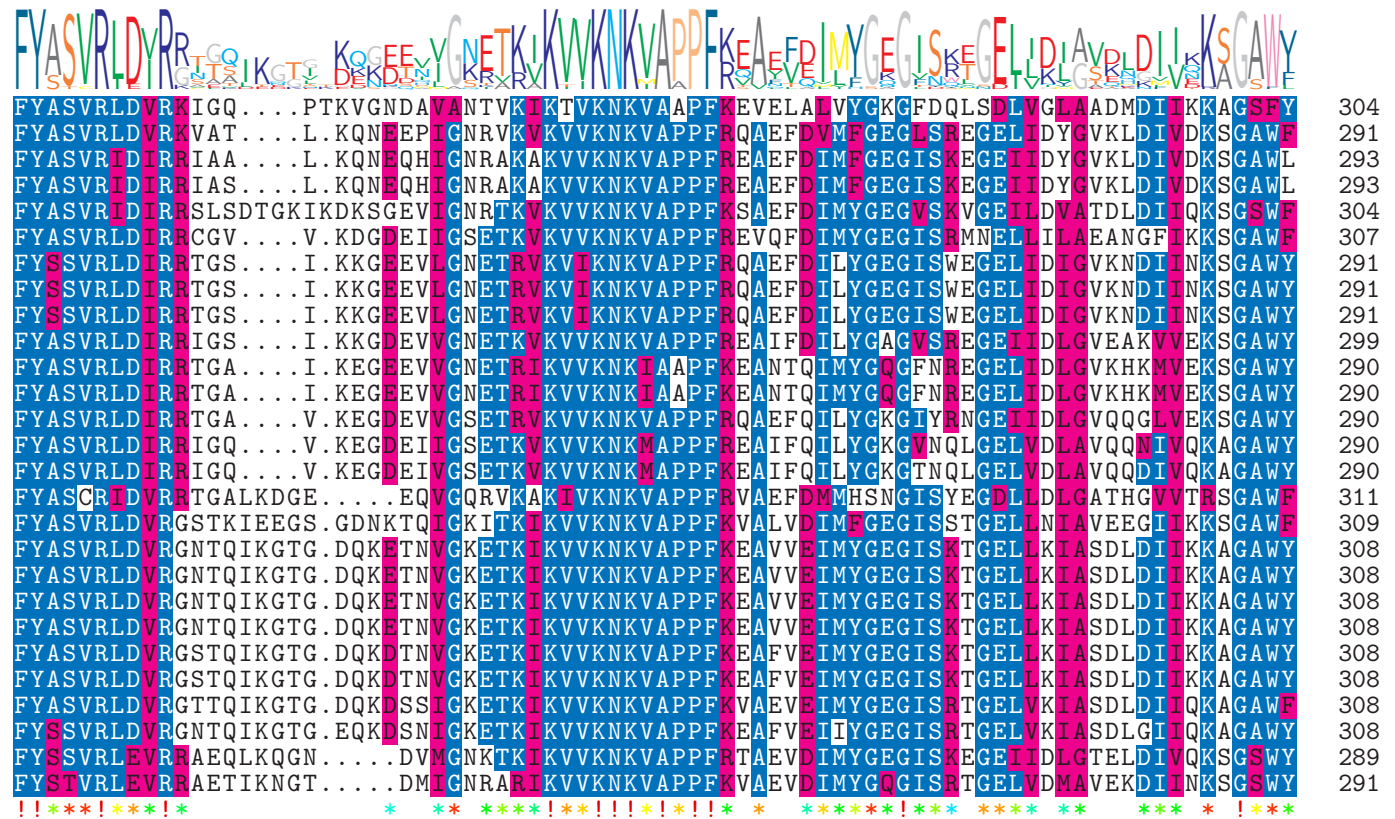
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NTDB id 453 Spy49 1753c ACI62003.1
NTDB id 408 SMU RS09530 WP 002262392.1
NTDB id 115 BSU 16940 NP 389576.2
NTDB id 625 LCA RS02525 WP 011374196.1
consensus

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NTDB id 1313 DR RS12030 WP 010888966.1	SYGDERIGGGKEKTIAYIAERPEMEQEIRDRVMAAIRAGNAGEAPALAPAPAAPE.....AAEFA.....	363
NTDB id 1245 Cj1673c YP 002345041.1	SYKDKKLGQGGRENSKAFLENPEIADEITKAIQNSMGIEGMI.....SGSEDDE.....GEE.....	343
NTDB id 1214 NCTC11637 00359 SQJ03206.1	SYQDKKLGQGGRENAKALLKEDKALADEITLKIKESIGSNEEI.....MPLPDEP.....LEE.ME.....	347
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NTDB id 1334 RAOC RS04870 WP 004918236.1	SYQDTKLGQGRDITVKELIKDNPELAEELEAKIREKLQAK.....	343
NTDB id 1389 A4U84 RS07560 WP 021112712.1	SYDGTGKIGGGKNNVAVKWLKENPEIADKLEQEIRNTLASNPNS.....VLKATASD.....SNDE.SDVEEFSEE...EL	372
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NTDB id 1124 NGFG RS03960 WP 003688695.1	SYNGAKIGGGKDNVRVWLKENPEISDEIDAKIRALNGVEMHI.....TEGT.....QD.ETDGERPEE.....	348
NTDB id 1123 OK783 RS03845 WP 003688695.1	SYNGAKIGGGKDNVRVWLKENPEISDEIDAKIRALNGVEMHI.....TEGT.....QD.ETDGERPEE.....	348
NTDB id 1427 RS RS02760 WP 011000510.1	SYNGERIGGGKRDNCREFLRENAELAREIENKVRREHLGVTPMG.....AV.TLAEE.....VEED.....	352
NTDB id 1165 A1552VC RS01565 WP 000344154.1	SYNGDKIGGGKANACKYLKENPEIAKTLDKKLREMLLNPENM.....QLIAETSS.....AADD.VEFGAVPEE...F.	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	SYNGDKIGGGKANACKYLKENPEIAKTLDKKLREMLLNPENM.....QLIAETSS.....AADD.VEFGAVPEE...F.	354
NTDB id 1205 PSJM300 05545 AFN77183.1	AYKGSKIGGGKANAAKYLEENPEIGQEIEQQIRAKLLVTSAN.....TKATPVAE.....DLAD.ADI.....	347
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NTDB id 1074 ABD1 RS10195 WP 000344167.1	SYQGNKIGGGKNNVIRYFEENNQIAEEIERNIREQLLTGTN.....GAVQ.I.E.....DEEE.PDLL..LES.....	349
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NTDB id 600 KW2 RS01765 WP 011675413.1	AYNDEKIGGGAEEKAKNYLKEHQDVDFEIDHKVRAAHGLDDSEVAETEEETTASKTAKAKKEEKAVETEEIELELED..	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	SYKDEKIGGGSENAKKYLAEHPEIFDEIDKQVRSKFGLIDGEEVSEQDTENKKDE...PKKEEA..VNEEVPLDLGDEL	382
NTDB id 228 SPD RS09265 WP 001085462.1	SYKDEKIGGGSENAKKYLAEHPEIFDEIDKQVRSKFGLIDGEEVSEQDTENKKDE...PKKEEA..VNEEVPLDLGDEL	382
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NTDB id 159 SP RS09750 WP 001085462.1	SYKDEKIGGGSENAKKYLAEHPEIFDEIDKQVRSKFGLIDGEEVSEQDTENKKDE...PKKEEA..VNEEVPLDLGDEL	382
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NTDB id 453 Spy49 1753c ACI62003.1	SYNGEKIGGGSENAKRYLADHPQLFDEIDRKVVRVKFGLLEESEESAMAVASE.....E.....TDDLALDLNGI	374
NTDB id 408 SMU RS09530 WP 002262392.1	SYNGEKIGGGSENAKKFLADNPEIFDDIDHKVVRVQYGLIEEDNTEEKQSSKEK.....ETDEK..ADKNLVLELDDTI	379
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NTDB id 625 LCA RS02525 WP 011374196.1	SYGSEIRIGGGRENAKNYLADHEDVEDEVRLKVRRAAYGISDVPEEDLPTTEDE.QI.NILPDDST.....EE.....	355
consensus	*! **!!!!***** * * ***** * * * * *	

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NTDB id 1245 Cj1673c YP 002345041.1		343	
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NTDB id 453 Spy49 1753c ACI62003.1	EIED..	378	
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consensus			

- ⓧ non conserved
- ✖ similar
- ⓧ ≥ 50% conserved