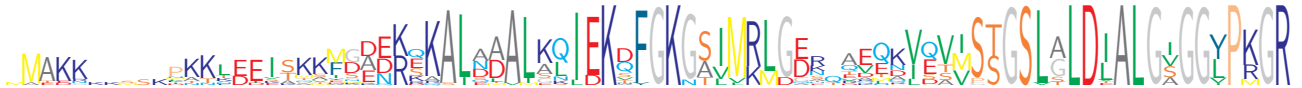
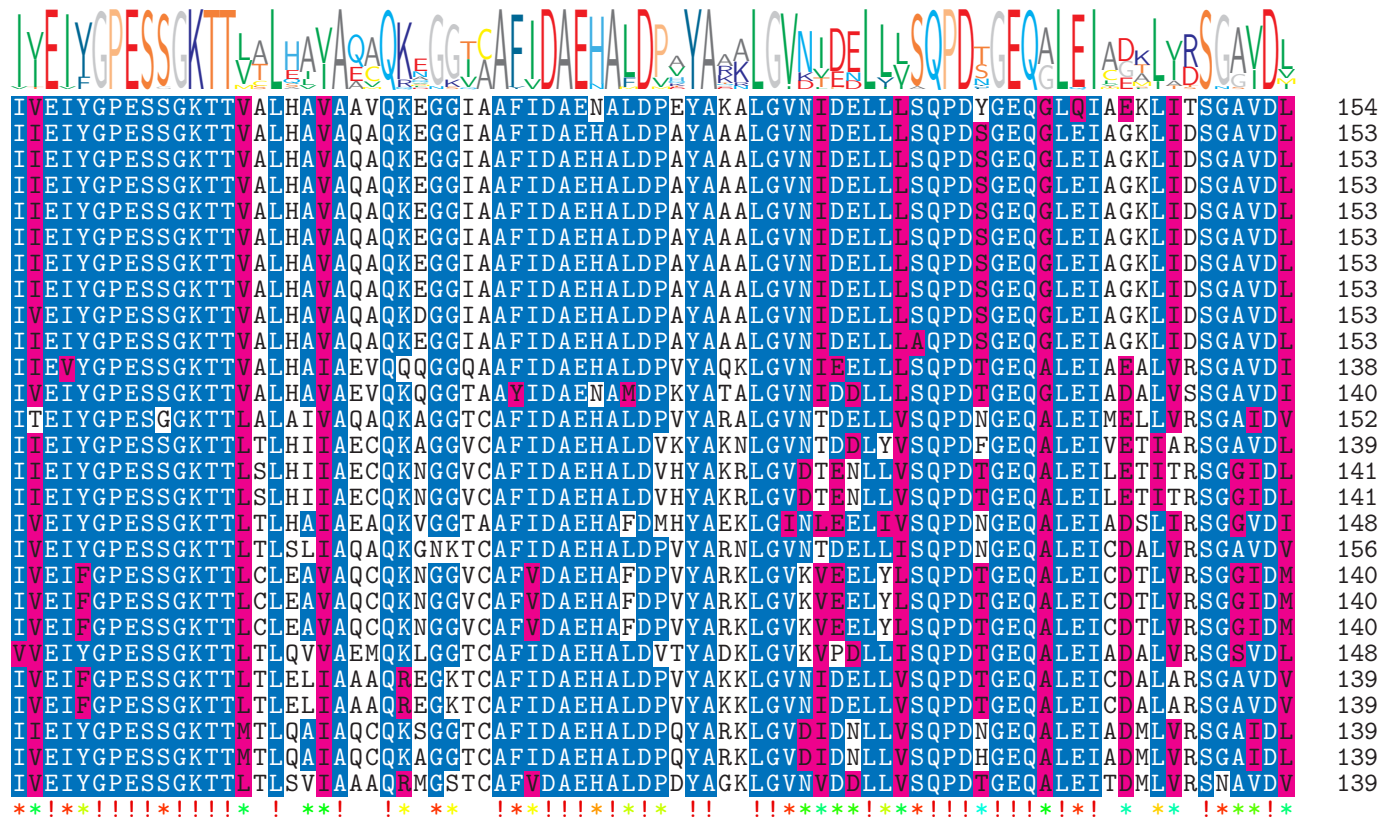


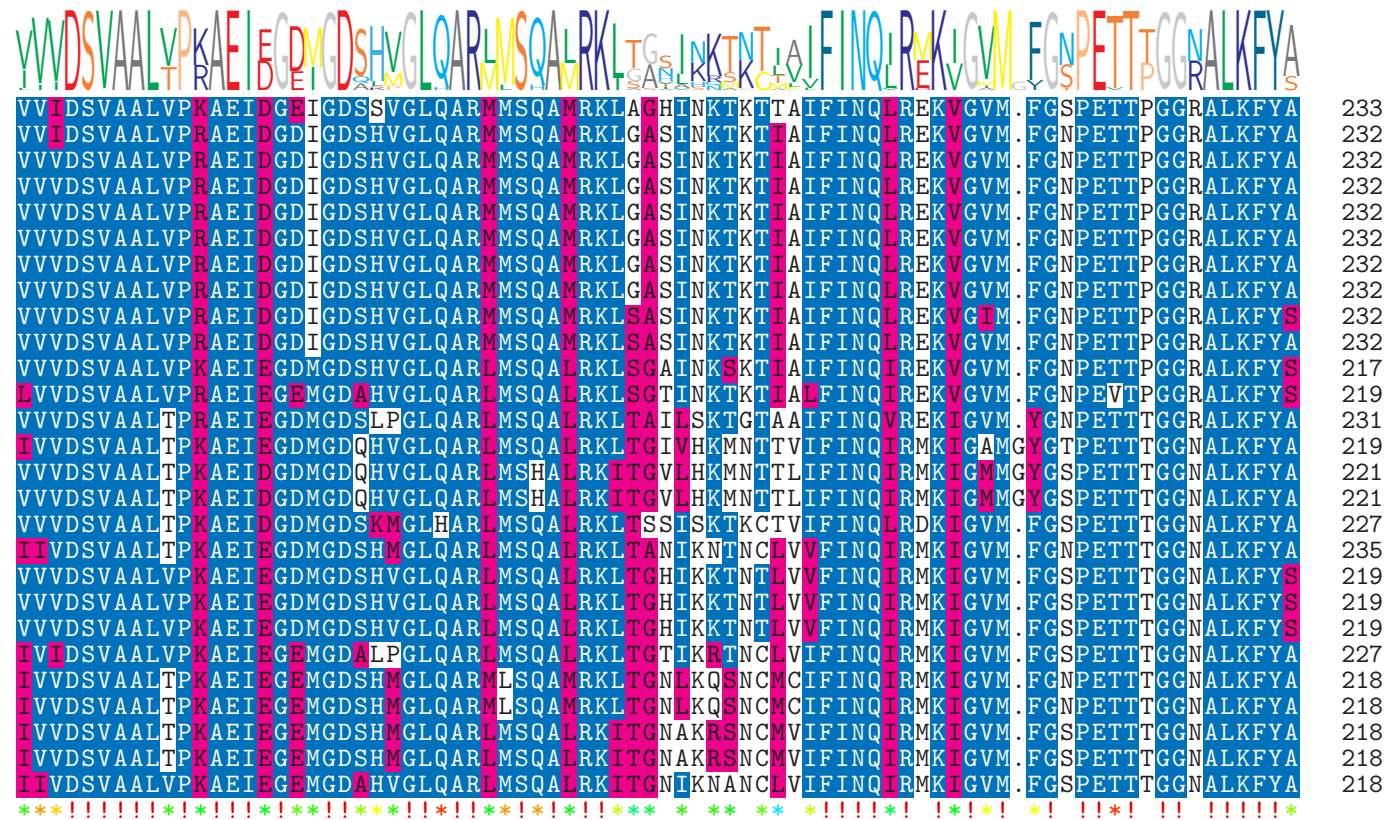
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consensus



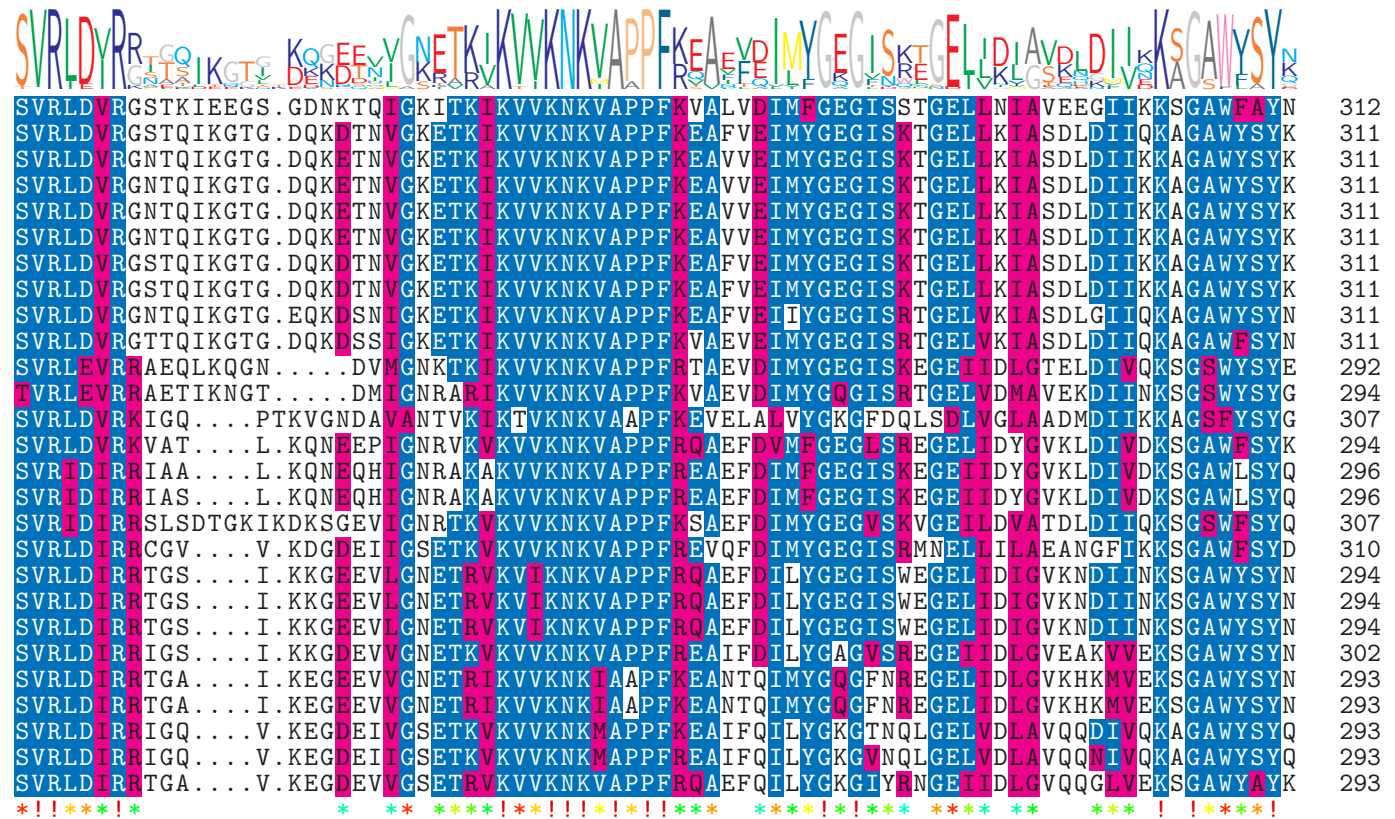
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NTDB id 1022 ACIAD RS06390 WP 004925639.1
NTDB id 1205 PSJM300 05545 AFN77183.1
consensus



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NTDB id 404899 GOM48 RS01170 WP 235097838.1	GEKIGQGS	ENAKKYLADHPEIF	DAIDHQVRVQYGL	IEDEETSDA	SPVA	...E...	TTSNQEV	TLDLG	378
NTDB id 269 KZH43 RS08665 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQD	TENKKDEPKK	...E...	EAVNEEV	PLDLG	385
NTDB id 228 SPD RS09265 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQD	TENKKDEPKK	...E...	EAVNEEV	PLDLG	385
NTDB id 194 SPR RS08825 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQD	TENKKDEPKK	...E...	EAVNEEV	PLDLG	385
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NTDB id 527 SMSK321 RS11065 WP 001085454.1	DEKIGQGS	ENAKKYLADNPEV	FAEIDHQVRVQFGL	IDGEEAAES	...KKDEVAQ	...V...	DSVNEEV	TLDLG	381
NTDB id 408 SMU RS09530 WP 002262392.1	GEKIGQGS	ENAKKFLADNPEIF	DDIDHKVRVQYGL	IEEDNTEEKQSSKEK	...ET...	D...	EKADKNL	VLELDDT	382
NTDB id 453 Spy49 1753c ACI62003.1	GEKIGQGS	ENAKRYLADHPQL	FDEIDRKVRVKFGL	LEESEEEESAMAVASE	...E.....	TD	D	LALDL	377
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NTDB id 625 LCA RS02525 WP 011374196.1	SERIGQGR	ENAKNYLADHEDVE	DEVRLKVRVQYGL	ISDVPEEDLPTTEDE	.QI.....	NILPDD	STEE.		355
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NTDB id 1214 NCTC11637 00359 SQJ03206.1	DKKLGQGR	ENAKALLKEDKAL	ADEITLKIKESIGS	NEEI....MPL	PDEP..L.....	E.....	EME		347
NTDB id 1211 C694 RS00795 WP 000963128.1	DKKLGQGR	ENAKALLKEDKAL	ADEITLKIKESIGS	NEEI....MPL	PDEP..L.....	E.....	EME		347
NTDB id 1334 RAOC RS04870 WP 004918236.1	DTKLGQGR	DTVKELIKDNPEL	AEELEAKIREKLQAK						343
NTDB id 1389 A4U84 RS07560 WP 021112712.1	GTKIGQGN	NAVVKWLKENPEI	ADKLEQEIRNTLAS	NPNS....VLK	ATASDSN.....	D.....	ESD	VVEEF	372
NTDB id 1130 NGFG RS03960 WP 003688695.1	GAKIGQGD	NVRVWLKENPEIS	DEIDAKIRALNGV	EMHI....TEGT	QDETD.....	GERPEE			348
NTDB id 1124 NGFG RS03960 WP 003688695.1	GAKIGQGD	NVRVWLKENPEIS	DEIDAKIRALNGV	EMHI....TEGT	QDETD.....	GERPEE			348
NTDB id 1123 OK783 RS03845 WP 003688695.1	GAKIGQGD	NVRVWLKENPEIS	DEIDAKIRALNGV	EMHI....TEGT	QDETD.....	GERPEE			348
NTDB id 1427 RS RS02760 WP 011000510.1	GERIGQGR	DNCREFLRENAEL	AREIENKVREHLG	VTPMG....AV	.TLAEEVE.....	E.....	D.....		352
NTDB id 1165 A1552VC RS01565 WP 000344154.1	GDKIGQGN	ANACKYLLKENPEI	AKTLDKKLREMLLN	PENM....QLI	AETSSAA.....	D.....	DVE	FGAVP	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	GDKIGQGN	ANACKYLLKENPEI	AKTLDKKLREMLLN	PENM....QLI	AETSSAA.....	D.....	DVE	FGAVP	354
NTDB id 1074 ABD1 RS10195 WP 000344167.1	GNKIGQGN	NVIRYFEENNQIA	EEIERNIREQLLT	TGTN....GAVQ	.I.EDE.....	E.....	EPD	..LLES	349
NTDB id 1022 ACIAD RS06390 WP 004925639.1	GNKIGQGN	NVIRYLEENPQISTE	IEAVIREQLLT	TKASD....QTAA	.HDETE.....	E.....	EPD	..LLES	349
NTDB id 1205 PSJM300 05545 AFN77183.1	GSKIGQGN	ANAAKYLEENPEI	GQIEEQIRAKLL	VTSAN....TKAT	PVAEDL.....	A.....	DAD	..I.....	347
consensus	***!!!	*****	**	*	***	***	*	*	

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		IEE	
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NTDB id 194 SPR RS08825 WP 001085462.1	IEE		388
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NTDB id 1022 ACIAD RS06390 WP 004925639.1	...		349
NTDB id 1205 PSJM300 05545 AFN77183.1	...		347
consensus			

-  non conserved
-  similar
-  ≥ 50% conserved