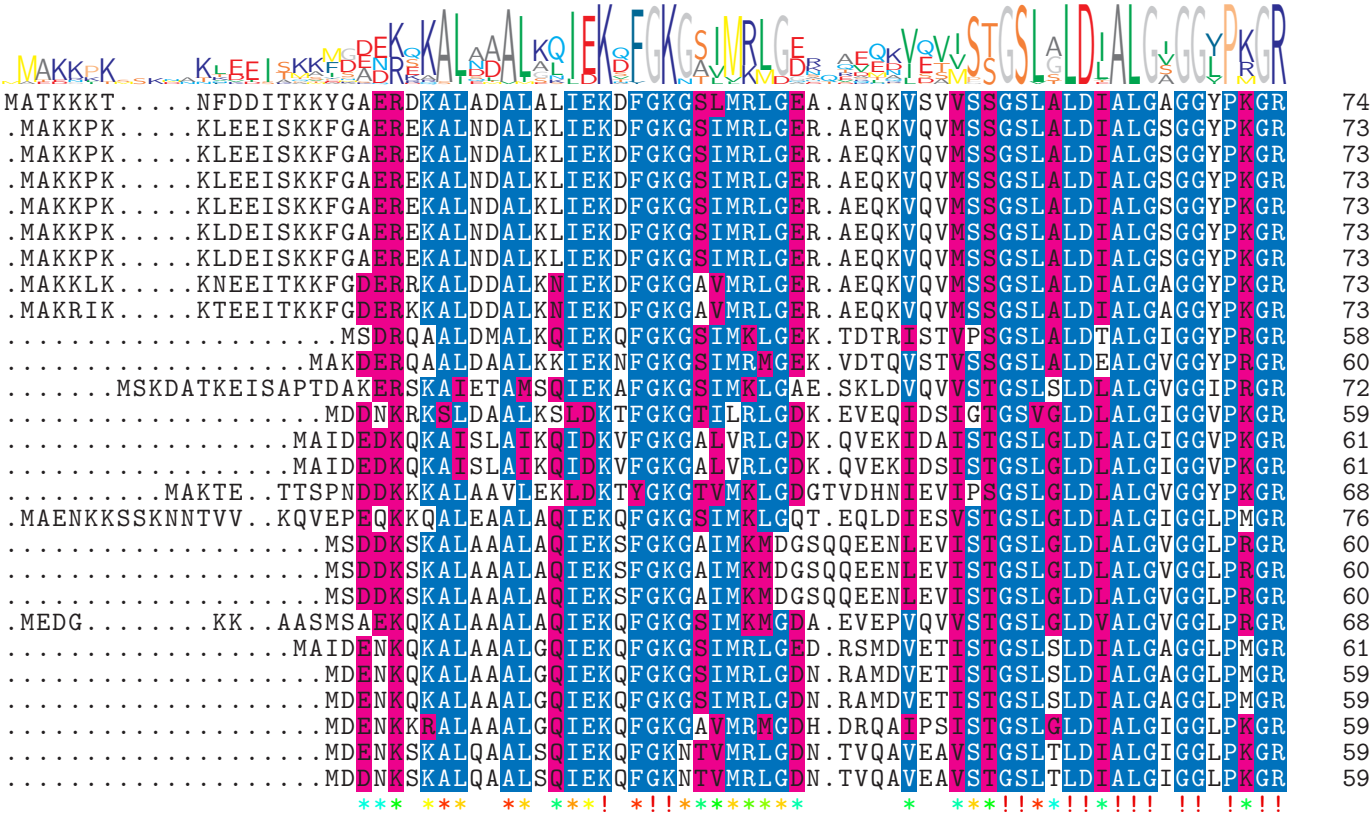
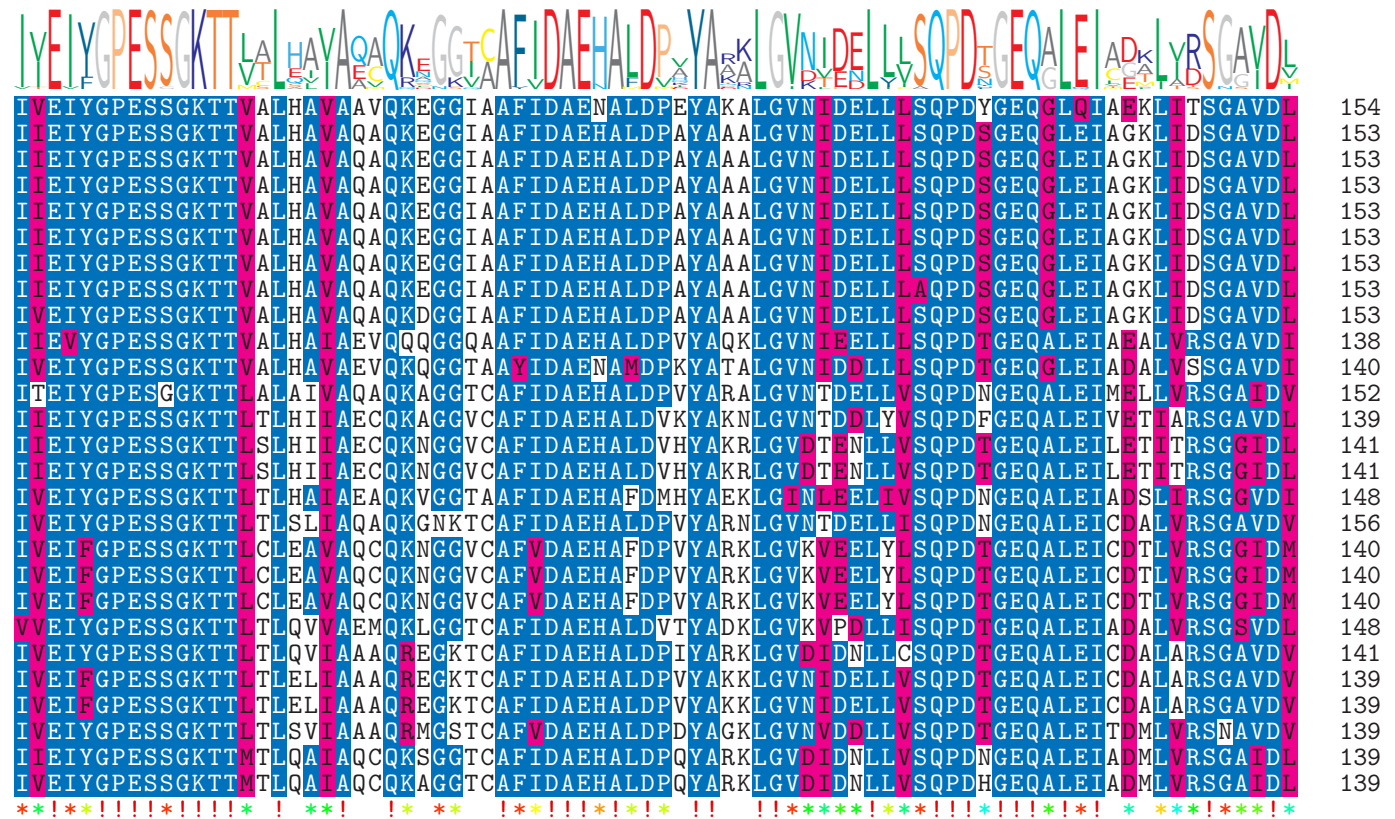


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consensus



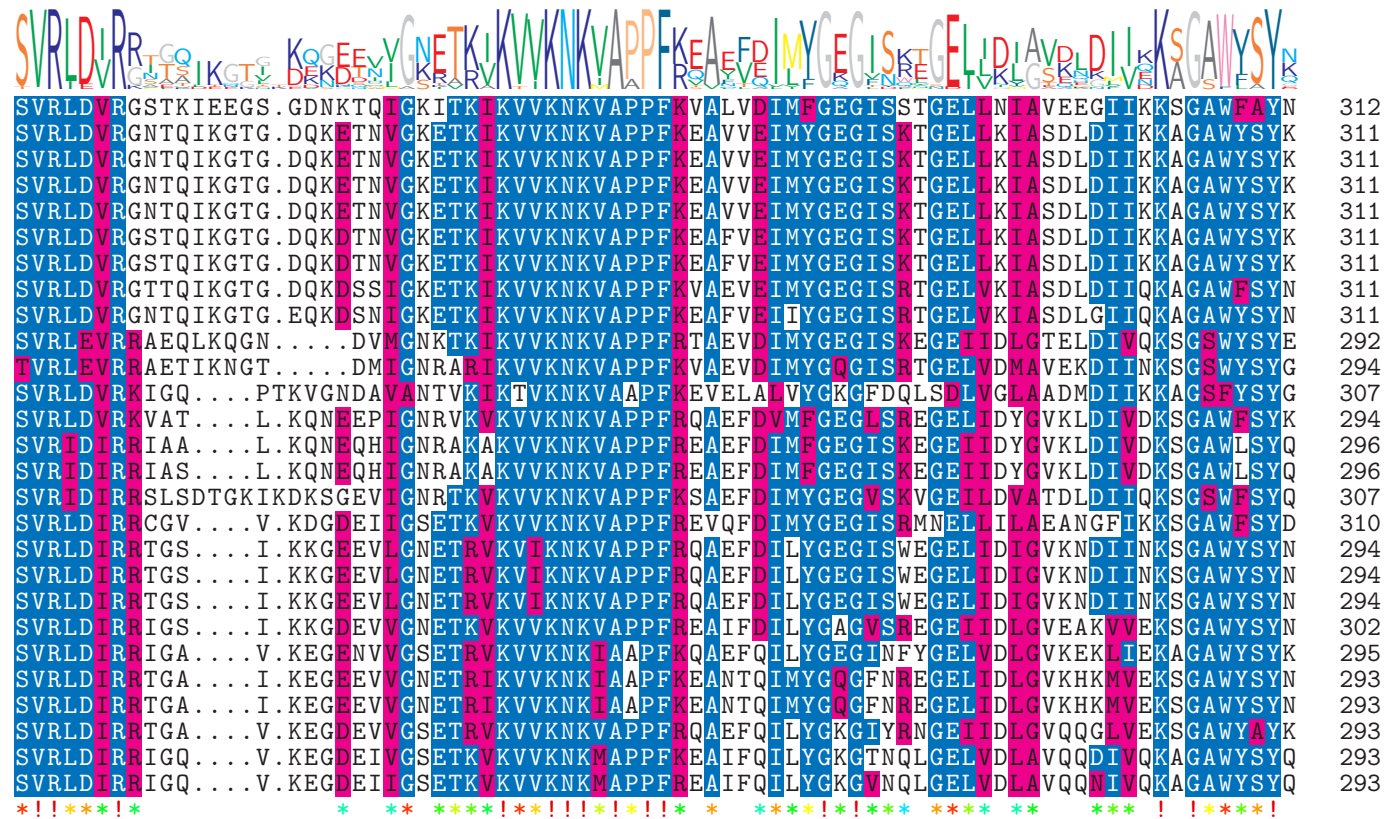
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NTDB id 1074 ABD1 RS10195 WP 000344167.1
NTDB id 1022 ACIAD RS06390 WP 004925639.1
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NTDB id 600 KW2 RS01765 WP 011675413.1	DEKIGQGA	EKAKNYLKEHQDV	DEIDHKVRAAHG	LDDSEVAETEEETT	ASKTKAKAKKKEEK	AVETEEIELELED		387
NTDB id 269 KZH43 RS08665 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTENK	KDE....PKKEEA	.VNEEVPLDLGDELEIE		385
NTDB id 228 SPD RS09265 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTENK	KDE....PKKEEA	.VNEEVPLDLGDELEIE		385
NTDB id 194 SPR RS08825 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTENK	KDE....PKKEEA	.VNEEVPLDLGDELEIE		385
NTDB id 159 SP RS09750 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTENK	KDE....PKKEEA	.VNEEVPLDLGDELEIE		385
NTDB id 499 SM12261 RS08315 WP 078228268.1	DEKIGQGS	ENAKKYLADNPEIF	DEIDHQVRVQFGL	IDGEEIAES....KKDE	AAQVDS	.VNEEVTLDLGDELEIE		381
NTDB id 527 SMSK321 RS11065 WP 001085454.1	DEKIGQGS	ENAKKYLADNPEVFAE	IDHQVRVQFGL	IDGEEAAES....KKDE	VAQVDS	.VNEEVTLDLGDELEIE		381
NTDB id 453 Spy49 1753c ACI62003.1	GEKIGQGS	ENAKRYLADHPQLF	DEIDRKVRVKFGL	LEESEEEESAMAVASE	E.....	TDDLALDLDN	GIEIE	377
NTDB id 408 SMU RS09530 WP 002262392.1	GEKIGQGS	ENAKKFLADNPEIF	DDIDHKVRVQYGL	IEEDNTEEEKQSSKEK	ETDEK	..ADKNLVLELDDT	IELE	382
NTDB id 115 BSU 16940 NP 389576.2	EE	RLGQGREN	AKQFLKENKDIMLM	IQEQIREHYGL	DNNGVVQQAEETQEEL	EFEE	.....	348
NTDB id 625 LCA RS02525 WP 011374196.1	SERIGQGS	ENAKNYLADHEDVE	DEVRLKVRVQYGL	ISDVPEEDLPTTEDE	.QI.NILPDDST	EE	.....	355
NTDB id 1313 DR RS12030 WP 010888966.1	DERIGQGS	KEKTIA	YIAERPEMEQEIR	DRVMAAIRAGNAGE	APALAPAPAAPEAAEA	.....		363
NTDB id 1245 Cj1673c YP 002345041.1	DK	KLGGGREN	SKAFLKENPEIA	DEITKAIQNSMG	TEGM....ISGSEDD	EGEE		343
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NTDB id 1211 C694 RS00795 WP 000963128.1	DK	KLGGGREN	AKALLKEDKALADE	ITLKI	KESIGSNEE....IMPLP	DEPLEEME		347
NTDB id 1334 RAOC RS04870 WP 004918236.1	DT	KLGGGRD	TVKELIKDNPELA	AELEAKIREKLQAK	.....			343
NTDB id 1389 A4U84 RS07560 WP 021112712.1	GT	KIGQGNNA	VKWLKENPEIADKLE	QEIRNTLASNP	N....SVLKATASDS	SNDES	VEE..FSEEL	372
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NTDB id 1124 NGFG RS03960 WP 003688695.1	GAKIGQGN	KDNVRVWLKENPEIS	DEIDAKIRALNGVEMH	ITEGTQDE	TDGE..RPEE			348
NTDB id 1123 OK783 RS03845 WP 003688695.1	GAKIGQGN	KDNVRVWLKENPEIS	DEIDAKIRALNGVEMH	ITEGTQDE	TDGE..RPEE	.....		348
NTDB id 1427 RS RS02760 WP 011000510.1	GE	RIGQGRD	NCREFLRENAELARE	EIENKVRHLGVTPM	GAVTLAAEEVEED	.....		352
NTDB id 249205 CP957 RS05670 WP 062881988.1	GEKIGQGN	KANATAWLKDNQET	AKEIEKKVRELLLSNP	N....STPDFSV...DDSEG	VAE..TNEDF	.....		353
NTDB id 1165 A1552VC RS01565 WP 000344154.1	GD	KIGQGN	KANACKYLLKENPEIA	AKTLDKKLREMLLN	PNEN....MQLIAETSSA	ADDVEFGA..VPEEF	.....	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	GD	KIGQGN	KANACKYLLKENPEIA	AKTLDKKLREMLLN	PNEN....MQLIAETSSA	ADDVEFGA..VPEEF	.....	354
NTDB id 1205 PSJM300 05545 AFN77183.1	GSKIGQGN	KANAACKYLEENPEI	GQIEEQIRAKLL	VTSA....NTKATPVAED	LADADI	.....		347
NTDB id 1074 ABD1 RS10195 WP 000344167.1	GN	KIGQGN	KNNVIRYFEENNQIA	EIEIERNIREQLLT	TGT....NGAVQ.I.EDEE	EPDL...LLES	.....	349
NTDB id 1022 ACIAD RS06390 WP 004925639.1	GN	KIGQGN	KNNVIRYLEENPQI	STEIEAVIREQLLT	TKAS....DQTAA.HDETEE	EPDL...LES		349
consensus		***!!!*****	**	*****	*****	**	*	

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NTDB id 600 KW2 RS01765 WP 011675413.1	...	387
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consensus

 non conserved
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 ≥ 50% conserved