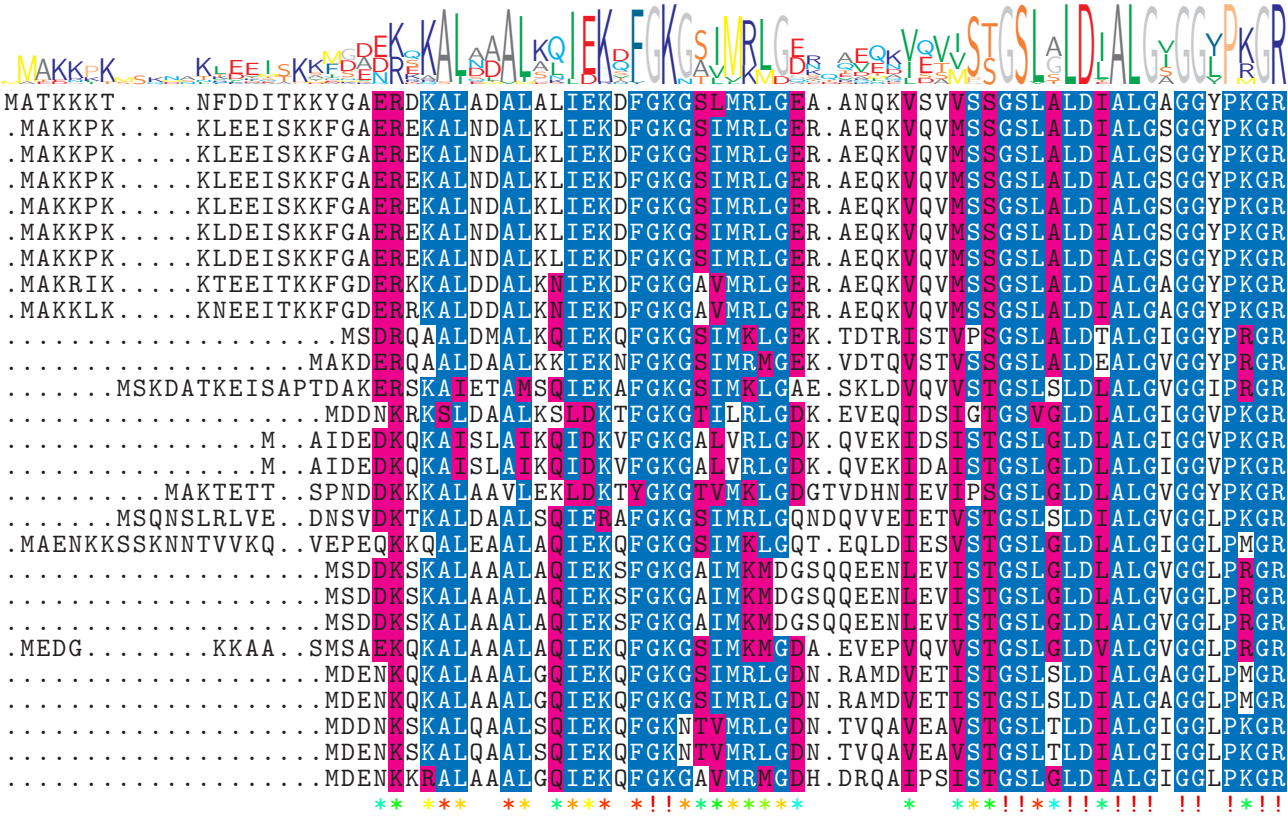


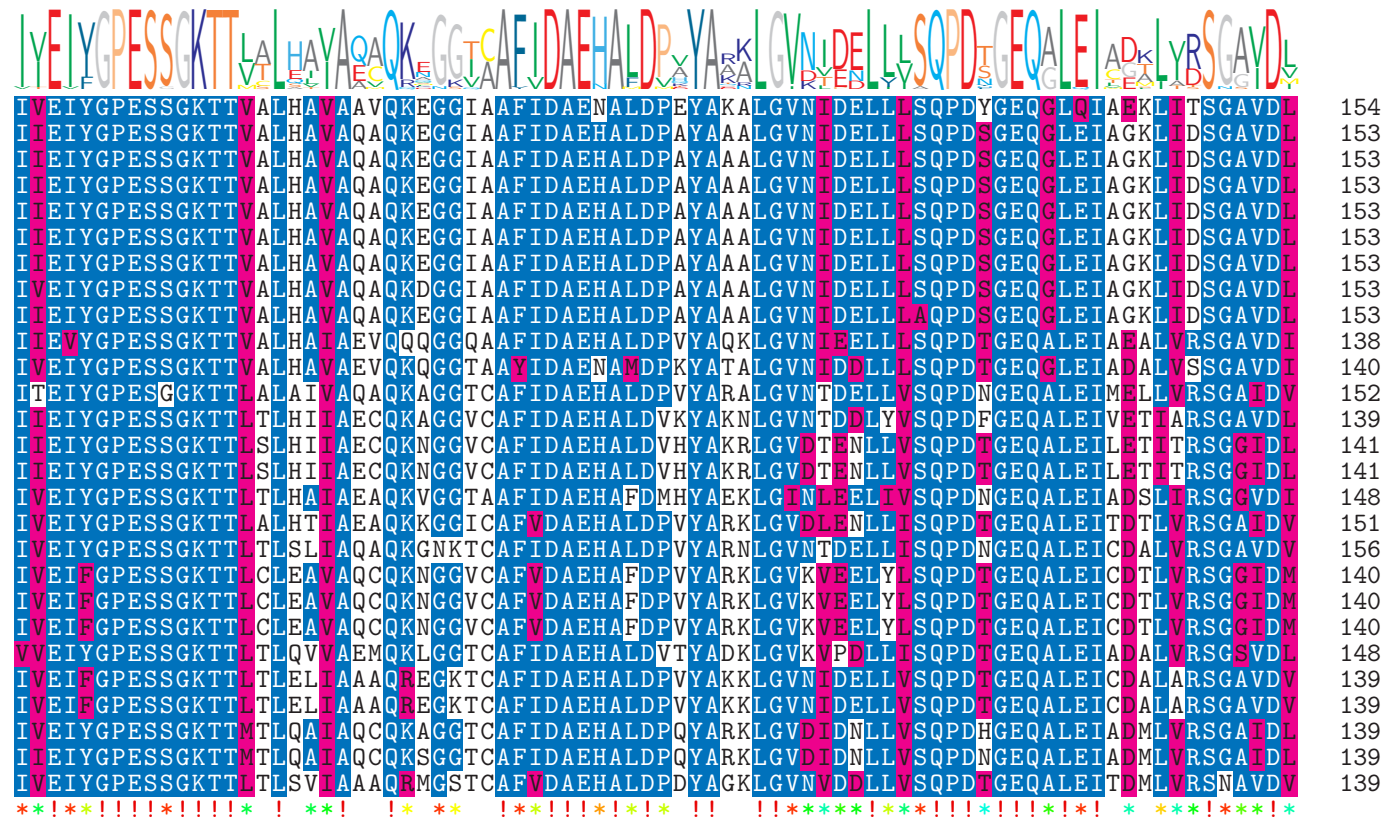
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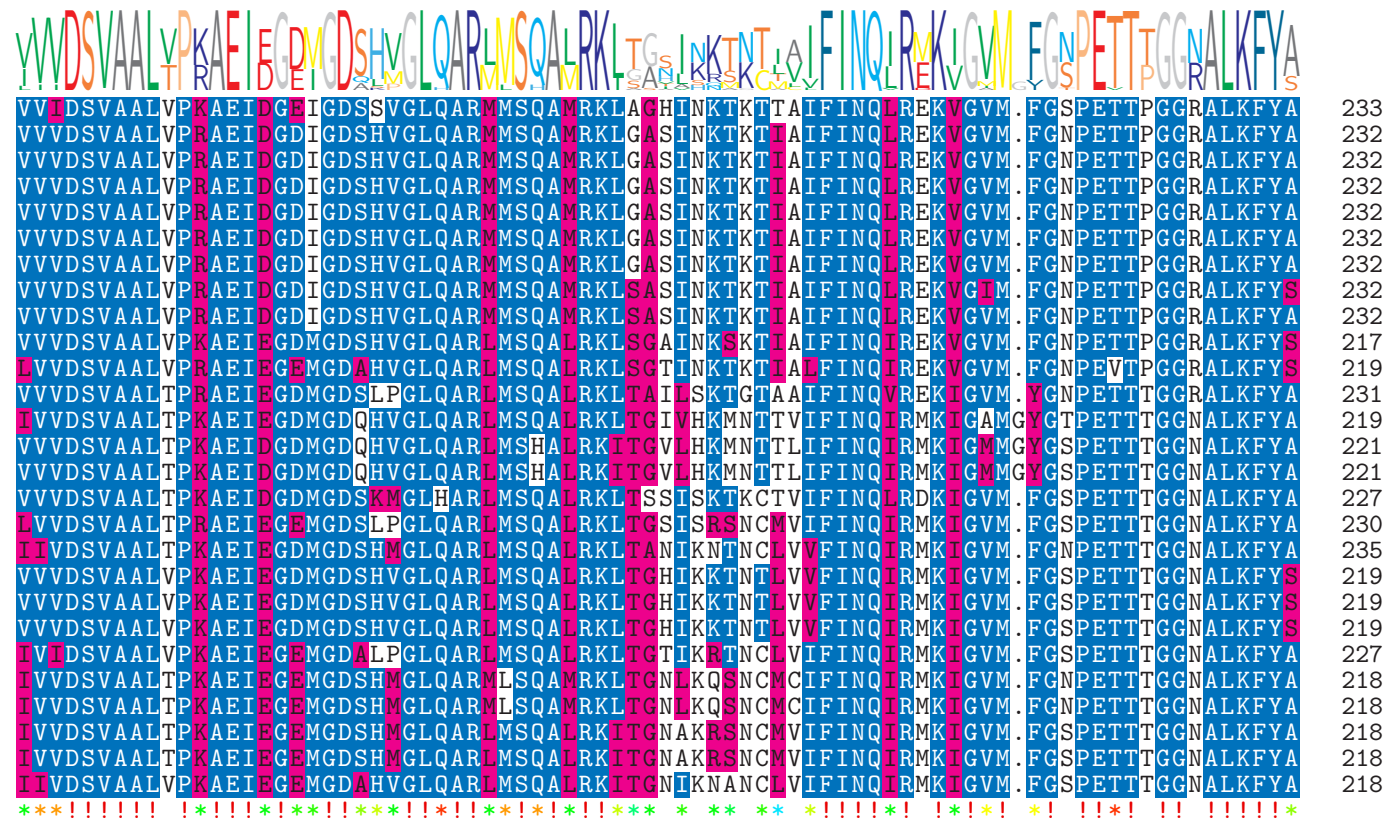


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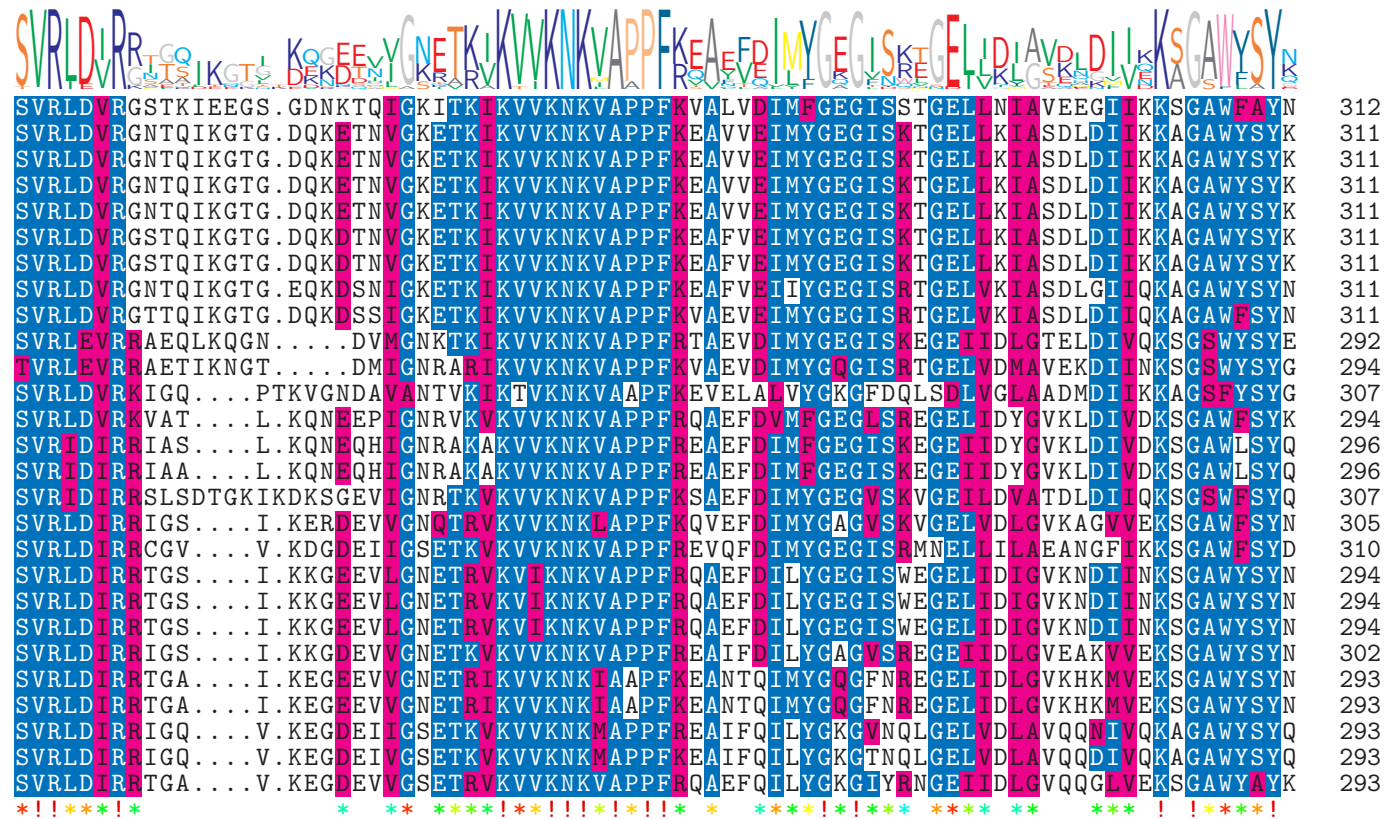
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NTDB id 1124 NGFG RS03960 WP 003688695.1
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NTDB id 1427 RS RS02760 WP 011000510.1
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NTDB id 1142 GTF74 RS11550 WP 000344154.1
NTDB id 1022 ACIAD RS06390 WP 004925639.1
NTDB id 1074 ABD1 RS10195 WP 000344167.1
NTDB id 1205 PSJM300 05545 AFN77183.1
consensus



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NTDB id 600 KW2 RS01765 WP 011675413.1	DEKIGQGA	EKAKNYLKEHQDV	DEIDHKVRAAHG	LDDSEVAETEEETTA	.SKTKAKAKKEEKAVETEEIELELED....	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTENKK	.DE....PKKEEA..VNEEVPLDLGDELEI	384
NTDB id 228 SPD RS09265 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTENKK	.DE....PKKEEA..VNEEVPLDLGDELEI	384
NTDB id 194 SPR RS08825 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTENKK	.DE....PKKEEA..VNEEVPLDLGDELEI	384
NTDB id 159 SP RS09750 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTENKK	.DE....PKKEEA..VNEEVPLDLGDELEI	384
NTDB id 527 SMSK321 RS11065 WP 001085454.1	DEKIGQGS	ENAKKYLADNPEV	FAEIDHQVRVQFGL	IDGEEAAE....SKK	.DE....VAQVDS..VNEEVTLDLGDELEI	380
NTDB id 499 SM12261 RS08315 WP 078228268.1	DEKIGQGS	ENAKKYLADNPEIF	DEIDHQVRVQFGL	IDGEEIAE....SKK	.DE....AAQVDS..VNEEVTLDLGDELEI	380
NTDB id 408 SMU RS09530 WP 002262392.1	GEKIGQGS	ENAKKFLADNPEIF	DDIDHKVVRVQYGL	IEEDNTEEKQSSKEK	ETDEK..ADKNLVLELDDTIEL	381
NTDB id 453 Spy49 1753c ACI62003.1	GEKIGQGS	ENAKRYLADHPQLF	DEIDRKVRVKFGL	LEESEESAMAVASE	E.....TDDLALDLNGIEI	376
NTDB id 115 BSU 16940 NP 389576.2	EERLGQG	RENAKQFLKENK	DIIMLIQEQIREHYGL	DNNGVVQQAEETQE	.EL.EFE.E.....	348
NTDB id 625 LCA RS02525 WP 011374196.1	SERIGQG	RENAKNYLADHED	VEDEVRLKVRAAYG	ISDVPPEEDLPTTEDE	..QI.NILPDDST.....EE.....	355
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NTDB id 1211 C694 RS00795 WP 000963128.1	DKKLGGQ	RENAKALLKEDKA	LADAITLKIKESIG	SNEEIMPLPDEPLEEME		347
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NTDB id 1334 RAOC RS04870 WP 004918236.1	DTKLGGQ	RDITVKELIKDNPE	LAELEAKIREKLQAK			343
NTDB id 35023 BMI RS05620 WP 015799649.1	SQRLGGQ	RENAKQYLLKDNPE	VAREIETMLRQNA	GLIAEQFLDDGGPEED	AAGAAEM.....	361
NTDB id 1389 A4U84 RS07560 WP 021112712.1	GTKIGQG	KNNAVKWLKENPEI	ADKLEQEIRNTLAS	NPNSVLKA..TASDSN	DESDVE.....EFSEEEL.....	372
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NTDB id 1074 ABD1 RS10195 WP 000344167.1	GNKIGQG	KNNVIRYFEENPQI	STEIERNIREQLLT	TGTNGAVQ...I	.EDEEEPDLL.....LES.....	349
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consensus	***!!!*****	**	*****	*****	**	*

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NTDB id 35023	BMI	RS05620	WP	015799649.1		361
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
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NTDB id 1165	A1552VC	RS01565	WP	000344154.1		354
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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