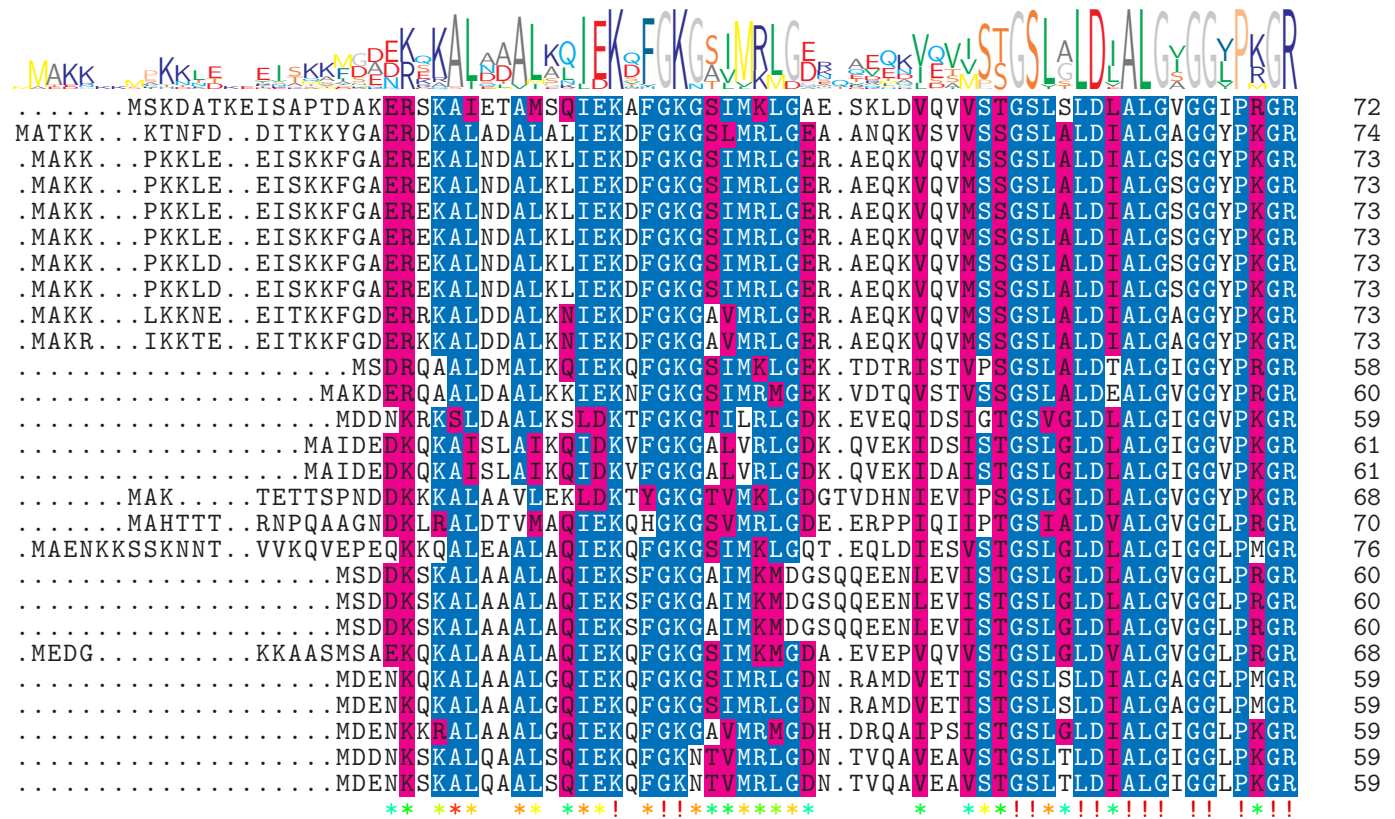


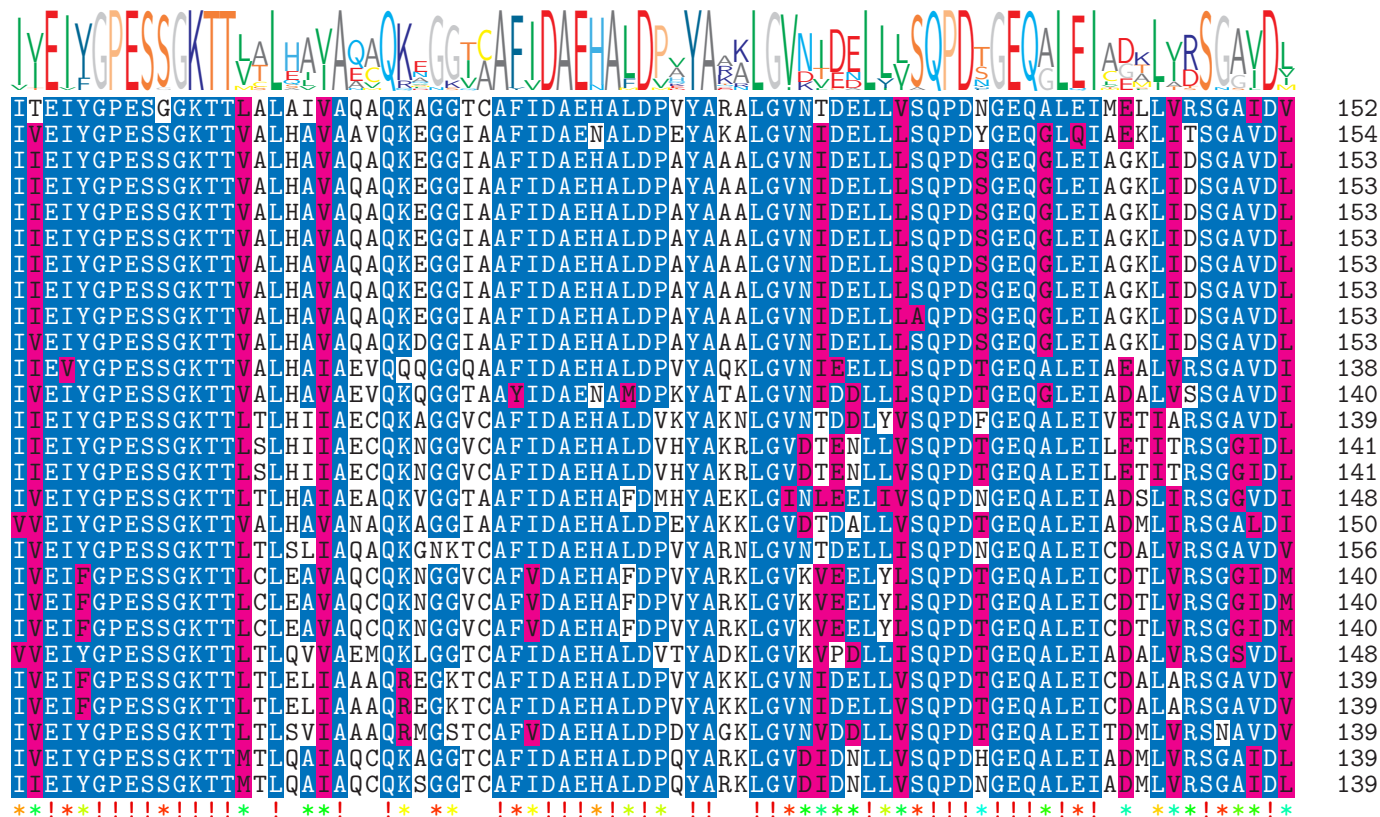
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consensus



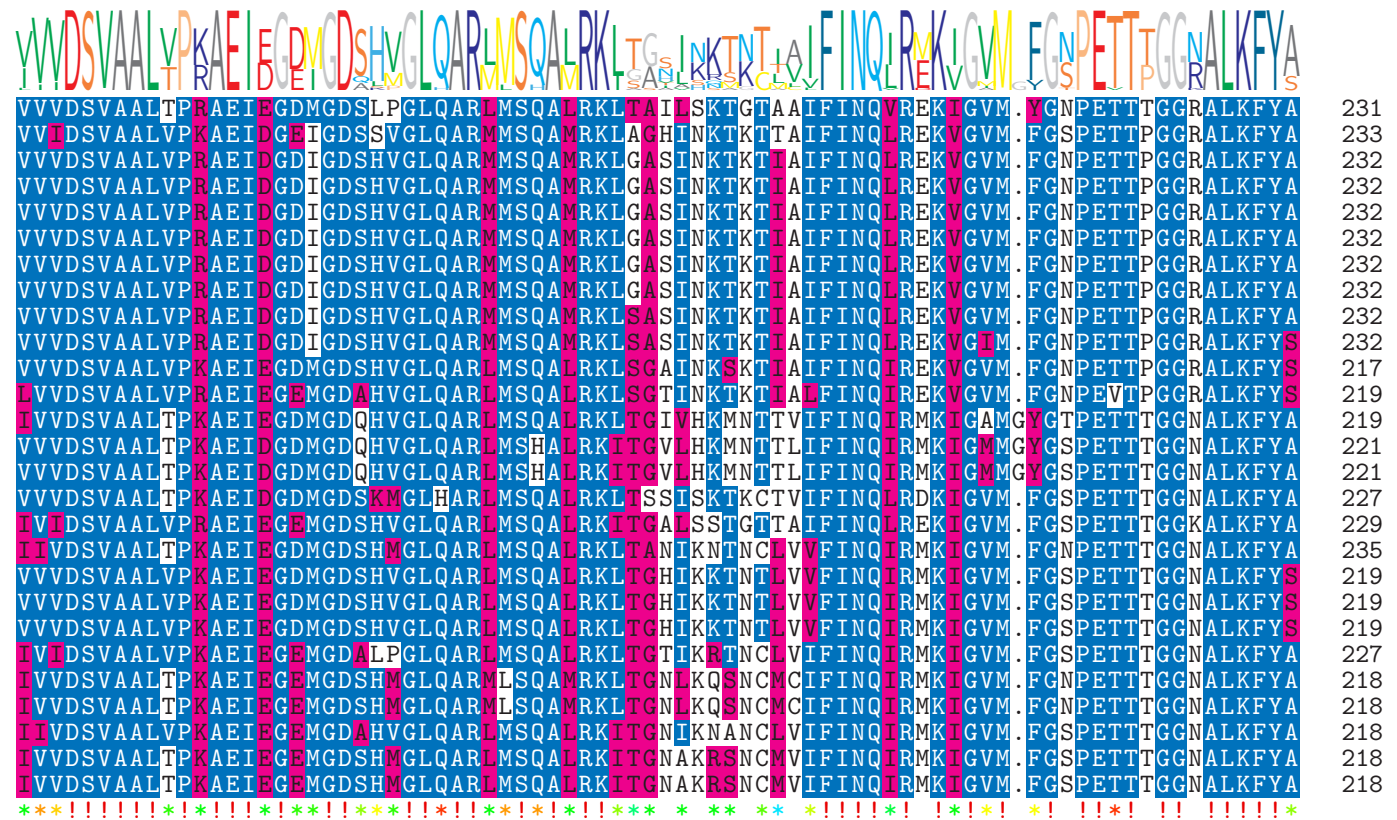
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consensus

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NTDB id 1074 ABD1 RS10195 WP 000344167.1
consensus



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NTDB id 600 KW2 RS01765 WP 011675413.1	SVRLDVRGSTKIEEGS.GDNKTQ	IGKITK	IKVVKNKV	VAPPF	KVALV	DIMF	GEGIS	STGEL	LNIAVEE	GI	IKKSG	AWFAYN	312	
NTDB id 269 KZH43 RS08665 WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETN	VGKETK	IKVVKNKV	VAPPF	KEAVV	EIMY	GEGIS	KTGEL	LKIASDL	DI	IKKAG	AWYSYK	311	
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NTDB id 194 SPR RS08825 WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETN	VGKETK	IKVVKNKV	VAPPF	KEAVV	EIMY	GEGIS	KTGEL	LKIASDL	DI	IKKAG	AWYSYK	311	
NTDB id 159 SP RS09750 WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETN	VGKETK	IKVVKNKV	VAPPF	KEAVV	EIMY	GEGIS	KTGEL	LKIASDL	DI	IKKAG	AWYSYK	311	
NTDB id 499 SM12261 RS08315 WP 078228268.1	SVRLDVRGSTQIKGTG.DQKDTN	VGKETK	IKVVKNKV	VAPPF	KEAFV	EIMY	GEGIS	KTGEL	LKIASDL	DI	IKKAG	AWYSYK	311	
NTDB id 527 SMSK321 RS11065 WP 001085454.1	SVRLDVRGSTQIKGTG.DQKDTN	VGKETK	IKVVKNKV	VAPPF	KEAFV	EIMY	GEGIS	KTGEL	LKIASDL	DI	IKKAG	AWYSYK	311	
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NTDB id 408 SMU RS09530 WP 002262392.1	SVRLDVRGNTQIKGTG.EQKDS	IGKETK	IKVVKNKV	VAPPF	KEAFV	EIIY	GEGIS	RTGEL	VKIASDL	GI	IKKAG	AWFSYN	311	
NTDB id 115 BSU 16940 NP 389576.2	SVRLEVRRAEQLKQGN.....	DVMGN	KTKIKVVKNKV	VAPPF	RRTAEV	DIMY	GEGIS	KEGE	IIDL	GLTEL	DIVQ	KSGSWYSYE	292	
NTDB id 625 LCA RS02525 WP 011374196.1	TVRLEVRRAETIKNGT.....	DMIGN	RARIKVVKNKV	VAPPF	KVAEV	DIMY	GEGIS	RTGEL	VDMAVEK	DI	INKSG	SWYSYG	294	
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NTDB id 1211 C694 RS00795 WP 000963128.1	SVRLDIRRIAS....L.KQNEQH	IGNRA	KA	KVVKNKV	VAPPF	REAEF	DIMF	GEGIS	KEGE	IIDL	GLTEL	DIVQ	KSGSWLSYQ	296
NTDB id 1214 NCTC11637 00359 SQJ03206.1	SVRLDIRRIAA....L.KQNEQH	IGNRA	KA	KVVKNKV	VAPPF	REAEF	DIMF	GEGIS	KEGE	IIDL	GLTEL	DIVQ	DKSGSWLSYQ	296
NTDB id 1334 RAOC RS04870 WP 004918236.1	SVRLDIRRSLSDTGKIKDKSGEV	IGNRT	KVKVVKNKV	VAPPF	KSAEF	DIMY	GEGIS	VSKVGE	ILDVAT	DLDI	IQKSG	SWFSYQ	307	
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NTDB id 1389 A4U84 RS07560 WP 021112712.1	SVRLDIRRCGV....V.KDGEI	IGSET	KVKVVKNKV	VAPPF	RFREVQ	FDIMY	GEGIS	RMNEL	LILAEANG	FI	IKKSG	AWFSYD	310	
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NTDB id 1074 ABD1 RS10195 WP 000344167.1	SVRLDIRRIGQ....V.KEGDEI	VGSET	KVKVVKNK	MAPPF	KEAFIQ	ILY	GKGTN	QLGEL	VDLAVQQ	DIVQ	KAG	AWFSYQ	293	
consensus	*!!**!* *	*	**	*****!!*!!*!!*!!* *	*	*****!!*!!*!!* ***** *	*****	*****	*****	*****	*****	*****		

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NTDB id 1313 DR RS12030 WP 010888966.1	DEKIGQGKEKTIA Y IAERP E MEQEIRDRVMAAIRAGNAGEAPALAPAP.....AAPEAAEA.....	363
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NTDB id 115 BSU 16940 NP 389576.2	EERLGGGREN A KQFLKENKDIMLMIQE Q IREHYGLDNNGVVQQQAETQEEL.EFE.E.....	348
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NTDB id 1123 OK783 RS03845 WP 003688695.1	GAKIGQGGK D NVRVWLKENPEISDEIDAKIRALNGVEMHITEGT.....QDE.....TDGE..RPEE.....	348
NTDB id 1427 RS RS02760 WP 011000510.1	GERIGQGRDNCREFLRENAELAREIENKVREHLGVTPMGAV.TLAEEVEED.....	352
NTDB id 1165 A1552VC RS01565 WP 000344154.1	GDKIGQGGKANACKY L KENPEIAKTLDKKLREMLLNPENMQLIAETSSAADV.....EFGA..VPEEF.....	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	GDKIGQGGKANACKY L KENPEIAKTLDKKLREMLLNPENMQLIAETSSAADV.....EFGA..VPEEF.....	354
NTDB id 1205 PSJM300 05545 AFN77183.1	GSKIGQGGKANA A KYLEENPEIGQEIEQQIRAKLLVTSANTKATPVAEDLADA.....DI.....	347
NTDB id 1022 ACIAD RS06390 WP 004925639.1	GNKIGQGGK N NVIRY L EENPQISTEIEAVIREQLLT K ASDQTAA.HDETEEEP.....DLL....ES.....	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	GNKIGQGGK N NVIRYFEENNQIAEEIERNIREQLLTGTNGAVQ.I.EDEEEP.....DLL....LES.....	349
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NTDB id 269 KZH43 RS08665 WP 001085462.1	IEE	388	
NTDB id 228 SPD RS09265 WP 001085462.1	IEE	388	
NTDB id 194 SPR RS08825 WP 001085462.1	IEE	388	
NTDB id 159 SP RS09750 WP 001085462.1	IEE	388	
NTDB id 499 SM12261 RS08315 WP 078228268.1	IEE	384	
NTDB id 527 SMSK321 RS11065 WP 001085454.1	IEE	384	
NTDB id 453 Spy49 1753c ACI62003.1	D..	378	
NTDB id 408 SMU RS09530 WP 002262392.1	D..	383	
NTDB id 115 BSU 16940 NP 389576.2	...	348	
NTDB id 625 LCA RS02525 WP 011374196.1	...	355	
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consensus			

- X non conserved
- X similar
- X ≥ 50% conserved