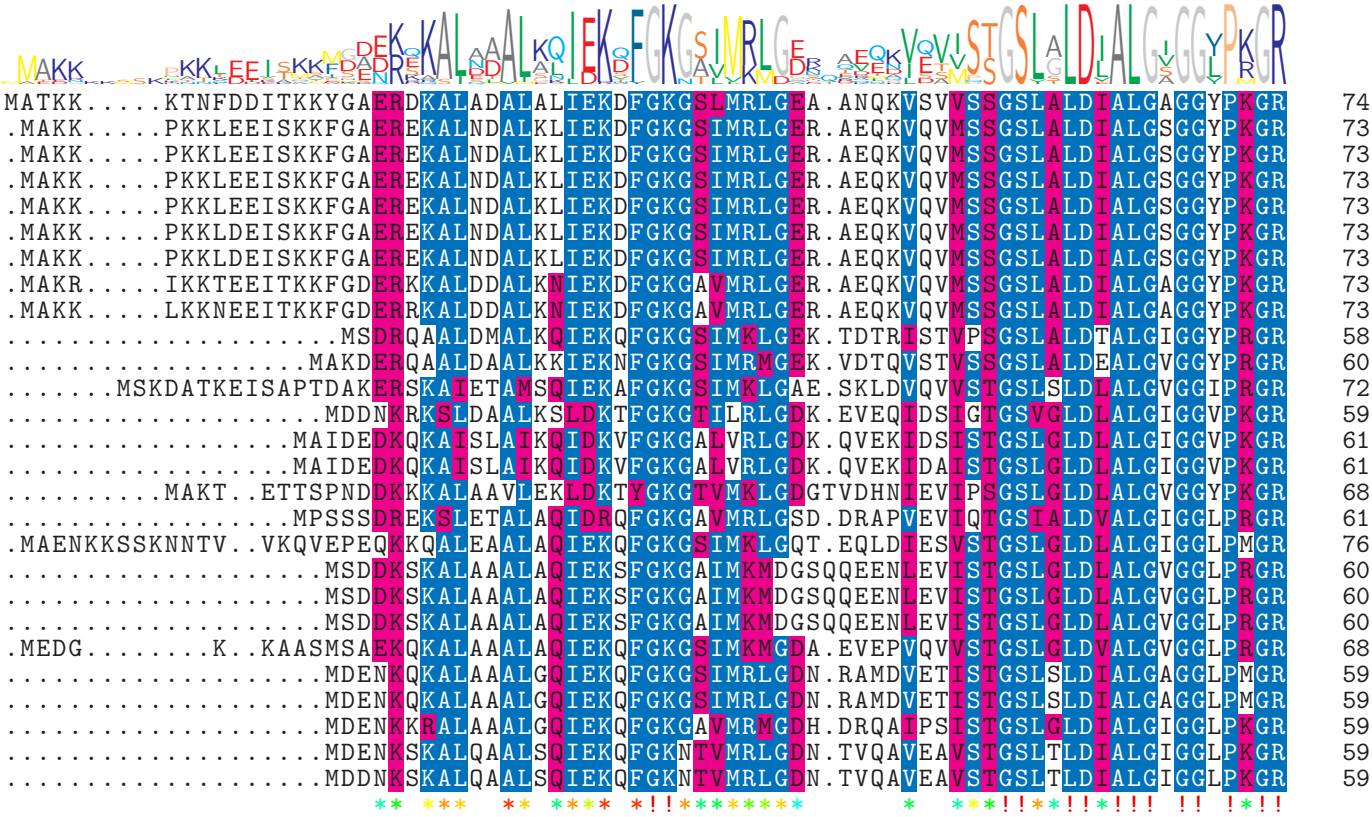


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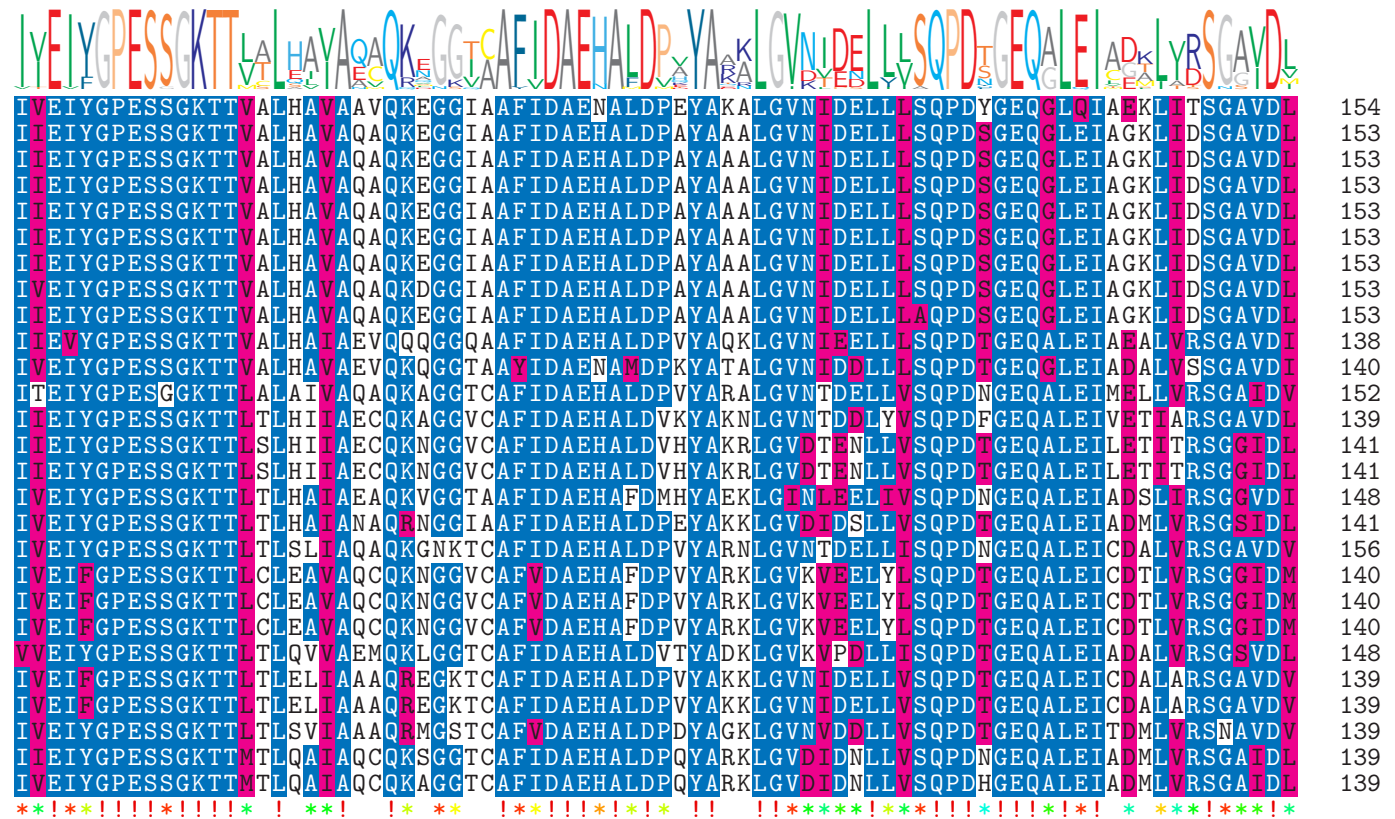
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consensus



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NTDB id 600 KW2 RS01765 WP 011675413.1
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consensus

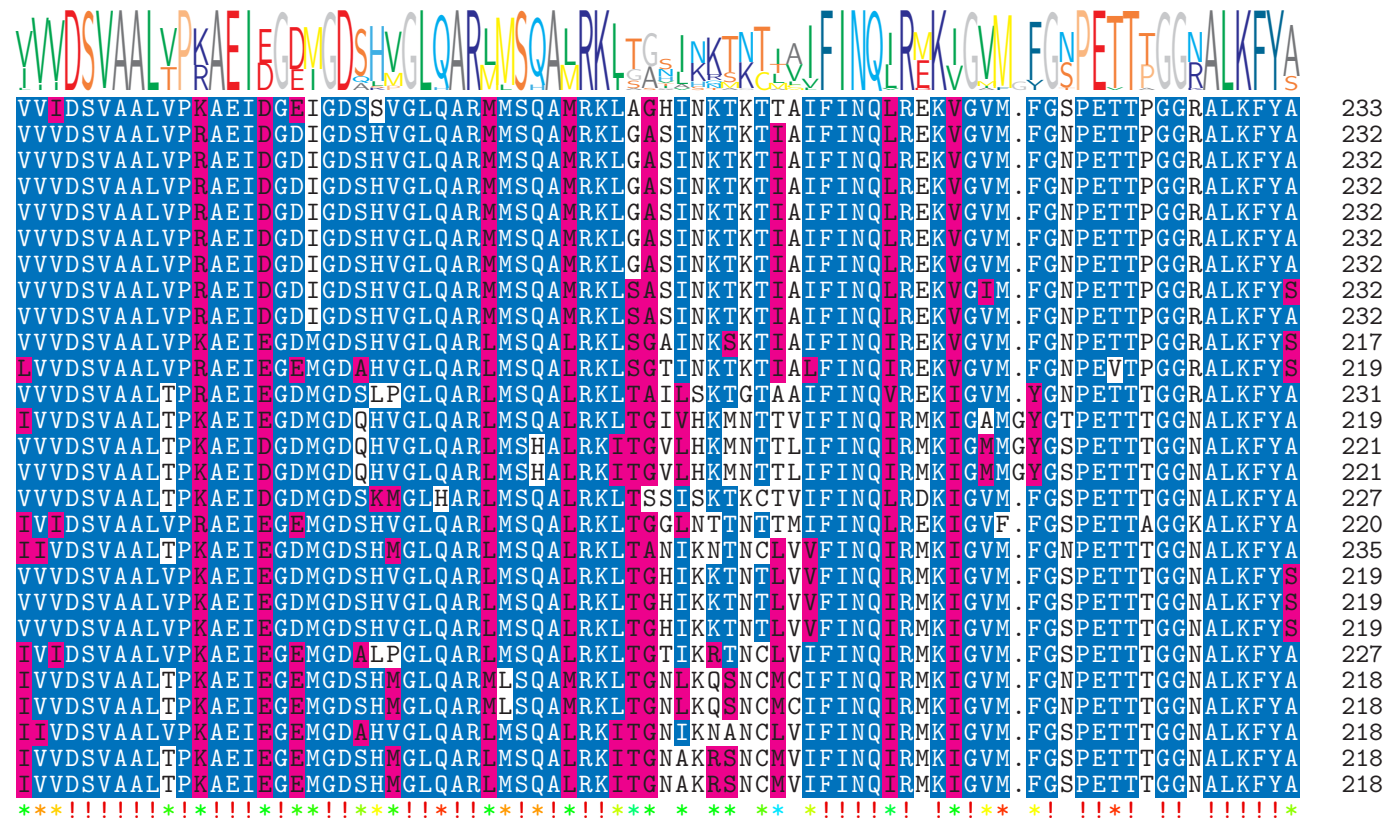
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NTDB id 1022 ACIAD RS06390 WP 004925639.1
consensus

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logo

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NTDB id 228 SPD RS09265 WP 001085462.1	SVRLDVRG	NTQIKGTG	.DQKETN	VGKETK	IKVVKNKV	VAPPFKE	AVVEIM	YGEGIS	KTGELL	KIASDL	DIKKAG	AWYSYK	311
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NTDB id 159 SP RS09750 WP 001085462.1	SVRLDVRG	NTQIKGTG	.DQKETN	VGKETK	IKVVKNKV	VAPPFKE	AVVEIM	YGEGIS	KTGELL	KIASDL	DIKKAG	AWYSYK	311
NTDB id 527 SMSK321 RS11065 WP 001085454.1	SVRLDVRG	STQIKGTG	.DQKDTN	VGKETK	IKVVKNKV	VAPPFKE	AFVEIM	YGEGIS	KTGELL	KIASDL	DIKKAG	AWYSYK	311
NTDB id 499 SM12261 RS08315 WP 078228268.1	SVRLDVRG	STQIKGTG	.DQKDTN	VGKETK	IKVVKNKV	VAPPFKE	AFVEIM	YGEGIS	KTGELL	KIASDL	DIKKAG	AWYSYK	311
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NTDB id 115 BSU 16940 NP 389576.2	SVRLEVRRA	AEQLKQGN	DM	GNKTKI	IKVVKNKV	VAPPFR	TAEVDI	MYGEGIS	KEGEIT	IDLGT	ELDIVQ	KSGSWYSYE	292
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NTDB id 1214 NCTC11637 00359 SQJ03206.1	SVRIDIRRI	AA....L	KQNEQH	IGNRAK	AKVVKNKV	VAPPFR	EAEFDI	MFGEGIS	KEGEIT	IDYGV	KLDIVD	KSGAWLSYQ	296
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NTDB id 1165 A1552VC RS01565 WP 000344154.1	SVRLDIRRT	G....I	KEGEV	VGNETRI	KVVKNK	IAAPFKE	ANTQIM	YGQGF	NREGEL	IDLG	VKHKM	VVEKSGAWSYN	293
NTDB id 1142 GTF74 RS11550 WP 000344154.1	SVRLDIRRT	G....I	KEGEV	VGNETRI	KVVKNK	IAAPFKE	ANTQIM	YGQGF	NREGEL	IDLG	VKHKM	VVEKSGAWSYN	293
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NTDB id 1074 ABD1 RS10195 WP 000344167.1	SVRLDIRRI	G....V	KEGDEI	VGSETK	VVVKNK	MAPPFK	EAIFQI	LYGKGT	NQLGEL	VDLAV	QQDIV	QKAGAWYSYQ	293
NTDB id 1022 ACIAD RS06390 WP 004925639.1	SVRLDIRRI	G....V	KEGDEI	IGSETK	VVVKNK	MAPPFR	EAIFQI	LYGKG	VNQLGEL	VDLAV	QQNIV	QKAGAWYSYQ	293
consensus	*!!**!*~			*	**	*****!*****!!*!!*!!*~	*	*****!~!*****	*****	***	***	!~!*****!	


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consensus

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DEKIGQGSENAKKYLAEHPEIFDEIDKQVRSKFGGLIDGEEVSEQD TENKKDE...PKKEEA..VNEEVPLDLGDELEIE	385
DEKIGQGSENAKKYLAADNPEVFAEIDHQVRVQFGLIDGEEAAE...SKKDE...VAQVDS..VNEEVPLDLGDELEIE	381
DEKIGQGSENAKKYLAADNPEIFDEIDHQVRVQFGLIDGEEAAE...SKKDE...AAQVDS..VNEEVPLDLGDELEIE	381
GEKIGQGSENAKKFLADNPEYFDDIDHKVRVQFGLIEEDNTEEEKSSKEK.....ETDEK..ADKNLVLELDDTIELE	382
GEKIGQGSENAKRYLADHPQLFDEIDRKVRVKFGLLEESEESAMAVASE.....E.....TDDLALDLNNGIEIE	377
EERLGQGGRENAKQFLKENKDIMLMIQEQIREHYGLDNGGVVQQAEETQEEL.EFE.E.....	348
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DKKLGQGGRENAKALLKEDKALADEITLKIKESIGSNEEIMPL...PDEPLE.EME.....	347
DTKLGQGGRTTVKELIKDNPELAEELEAKIREKLQAK.....	343
GDKLGGGKEKARQFLIDNPDIAAIEKIRILIKGVADPNV...VDAAPV.AIETKQ...PVRET KPPVRKGA.....	362
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GAKIGQGGKDNVRVWLKENPEISDEIDAKIRALNGVEMHITEG...TQDET.....D...GERPEE.....	348
GAKIGQGGKDNVRVWLKENPEISDEIDAKIRALNGVEMHITEG...TQDET.....D...GERPEE.....	348
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logo

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NTDB id 1205	PSJM300 05545 AFN77183.1	...	347
NTDB id 1074	ABD1 RS10195 WP 000344167.1	...	349
NTDB id 1022	ACIAD RS06390 WP 004925639.1	...	349
consensus			

-  non conserved
-  similar
-  ≥ 50% conserved