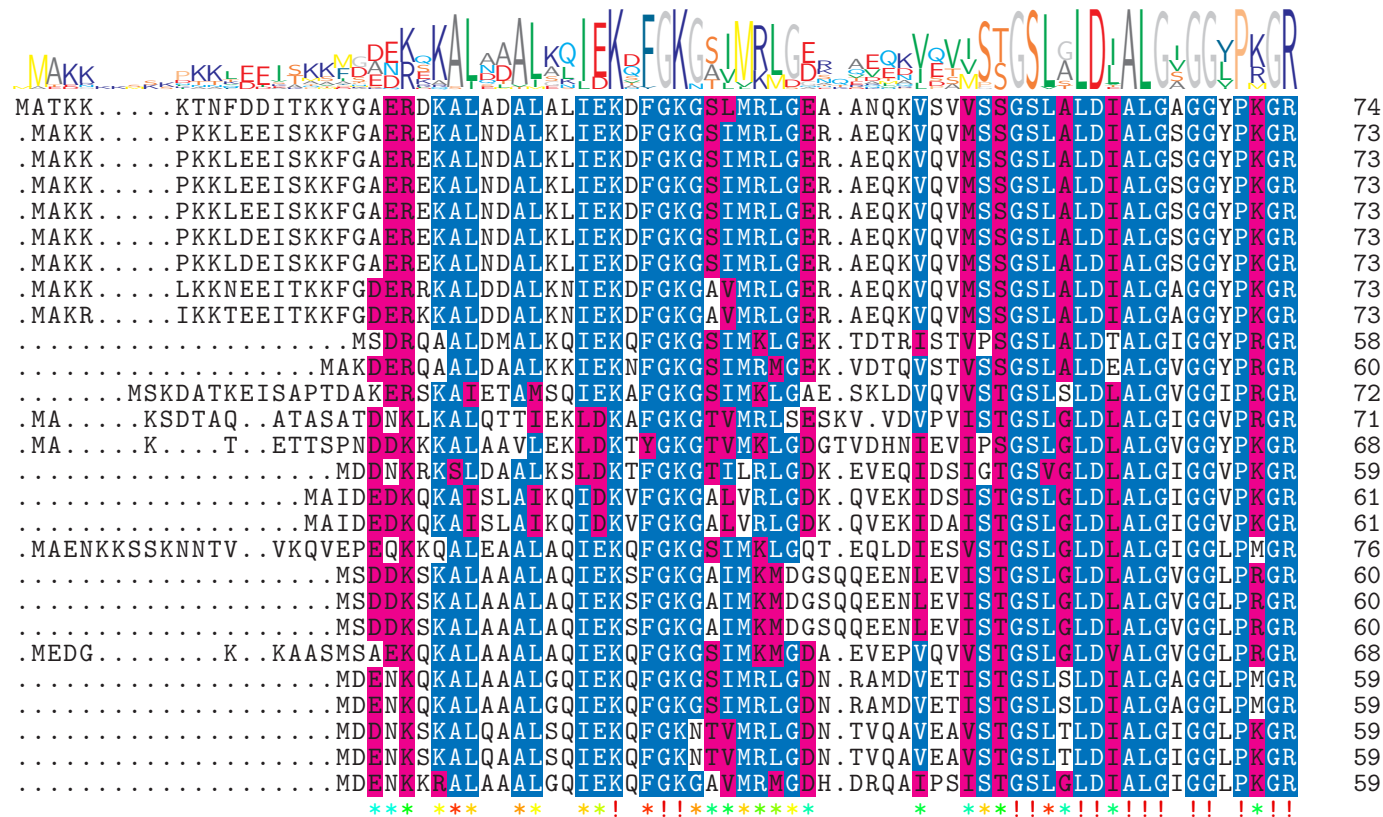


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consensus

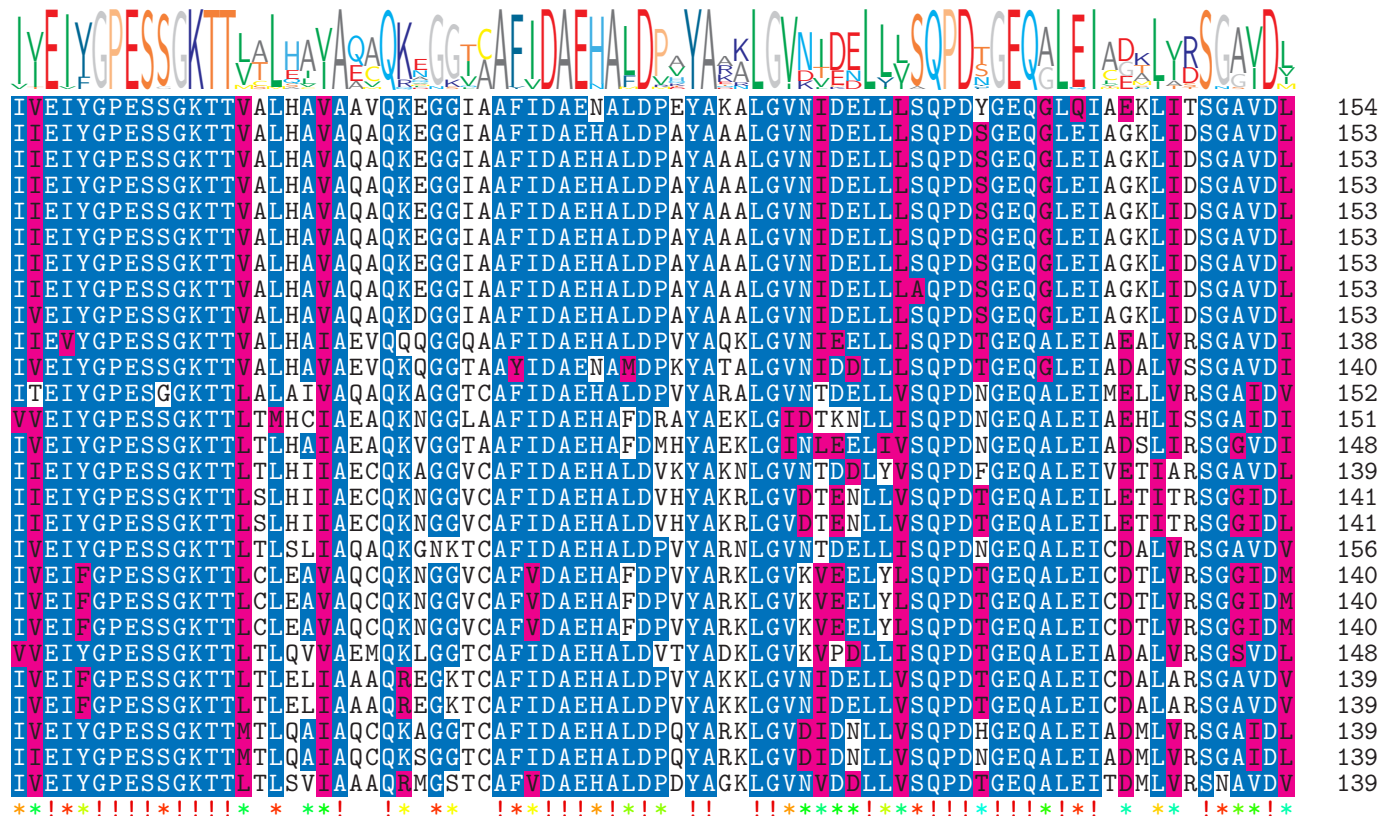
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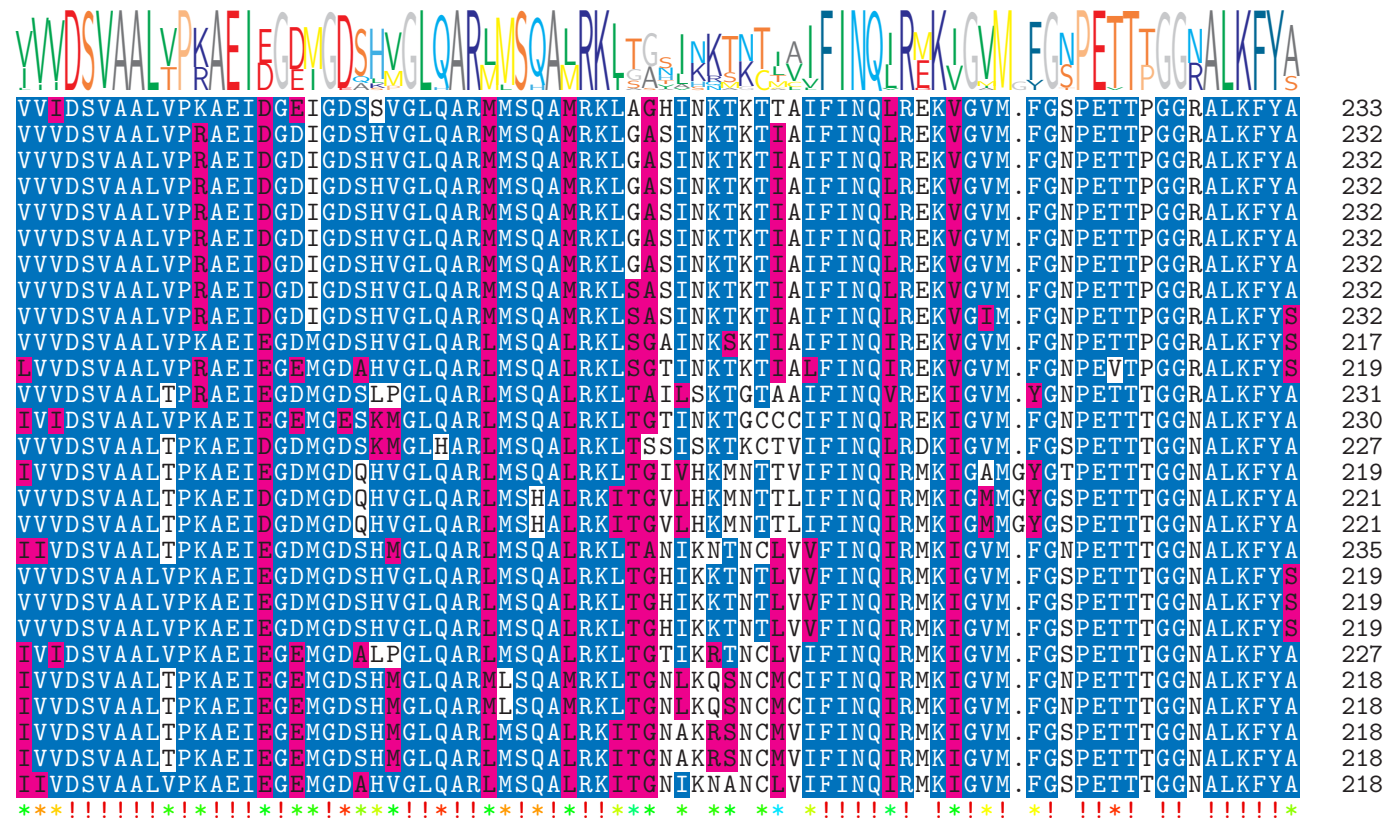
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consensus



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consensus



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NTDB id 625 LCA RS02525 WP 011374196.1	TVRLEVRR...AETIKNGT...DMIGNRARIKVVKNKVAPPFKVAEVDIMYGGISRTGELVDMAVEKDIINKSGSWY	291
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NTDB id 1214 NCTC11637 00359 SQJ03206.1	SVRIDIRR...IAALKQN...EQHIGNRAKAKVVKNKVAPPFRQAEEFDIMFEGEGISKEGEIIDYGVKLDIVDKSGAWL	293
NTDB id 1389 A4U84 RS07560 WP 021112712.1	SVRLDIRR...CGVVKDG...DEIIGSETKVKVVKNKVAPPFRQAEFDIMYGEGISRMNELLILAEANGFIKKSGAWF	307
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NTDB id 1205 PSJM300 05545 AFN77183.1	SVRLDIRR...TGAVKEG...DEVVGSETRVKVVKNKVAPPFRQAEEFDILYGKGIYRNGEIIDLGVQQGLVEKSGAWY	290
consensus	*!!**!* ** * ** **!*!!!!!!*! * ** **!*!*** ** ** ** ** ! !***	

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NTDB id 453 Spy49 1753c ACI62003.1	SYNGEKIGQGS	ENAKRYLADHPQLF	DEIDRKVRVKFGL	LEESEESAMAVASE	E.....TDDLALDLNG	373
NTDB id 408 SMU RS09530 WP 002262392.1	SYNGEKIGQGS	ENAKKFLADNPEIF	DDIDHKVRVQYGL	IEEDNTEEKQSSKEK	ETDEK..ADKNLVLELDDT	378
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NTDB id 1334 RAOC RS04870 WP 004918236.1	SYQDTKL	GGGRD	TVKELIKDNPEL	AEELEAKIREKLQAK		343
NTDB id 1245 Cj1673c YP 002345041.1	SYKDKKL	GGGREN	SKAFLKENPEIA	DEITKAIQNSMG	TEGMISGSEDDE....GEE	343
NTDB id 1211 C694 RS00795 WP 000963128.1	SYQDKKL	GGGREN	AKALLKEDKAL	ADEITLKI	KESIGSNEEIMPLPDEP....LEEME	347
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NTDB id 1427 RS RS02760 WP 011000510.1	SYNGER	RIGQGRDNC	REFLRENAELARE	IEIENKVREHLGV	TPMGAVTLA.E..EVEED	352
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NTDB id 1074 ABD1 RS10195 WP 000344167.1	SYQGN	KIGQKNNVIRY	FEENNQIAEE	IERNIREQLL	TTGTNGAVQ.I...EDEEPPDLL	349
NTDB id 1205 PSJM300 05545 AFN77183.1	AYKGS	KIGQKANAAKY	LEENPEIGQ	IEIEQQIRAKLL	VTSANTKATPVA..EDLADADI	347
consensus	*!	***!!*****	* * *****	*****	*****	* *

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NTDB id 600 KW2 RS01765 WP 011675413.1			387
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NTDB id 115 BSU 16940 NP 389576.2			348
NTDB id 625 LCA RS02525 WP 011374196.1			355
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NTDB id 169963 AWR27 RS17265 WP 077132338.1			364
NTDB id 1334 RAO RS04870 WP 004918236.1			343
NTDB id 1245 Cj1673c YP 002345041.1			343
NTDB id 1211 C694 RS00795 WP 000963128.1			347
NTDB id 1214 NCTC11637 00359 SQJ03206.1			347
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
NTDB id 1123 OK783 RS03845 WP 003688695.1			348
NTDB id 1427 RS RS02760 WP 011000510.1			352
NTDB id 1165 A1552VC RS01565 WP 000344154.1			354
NTDB id 1142 GTF74 RS11550 WP 000344154.1			354
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