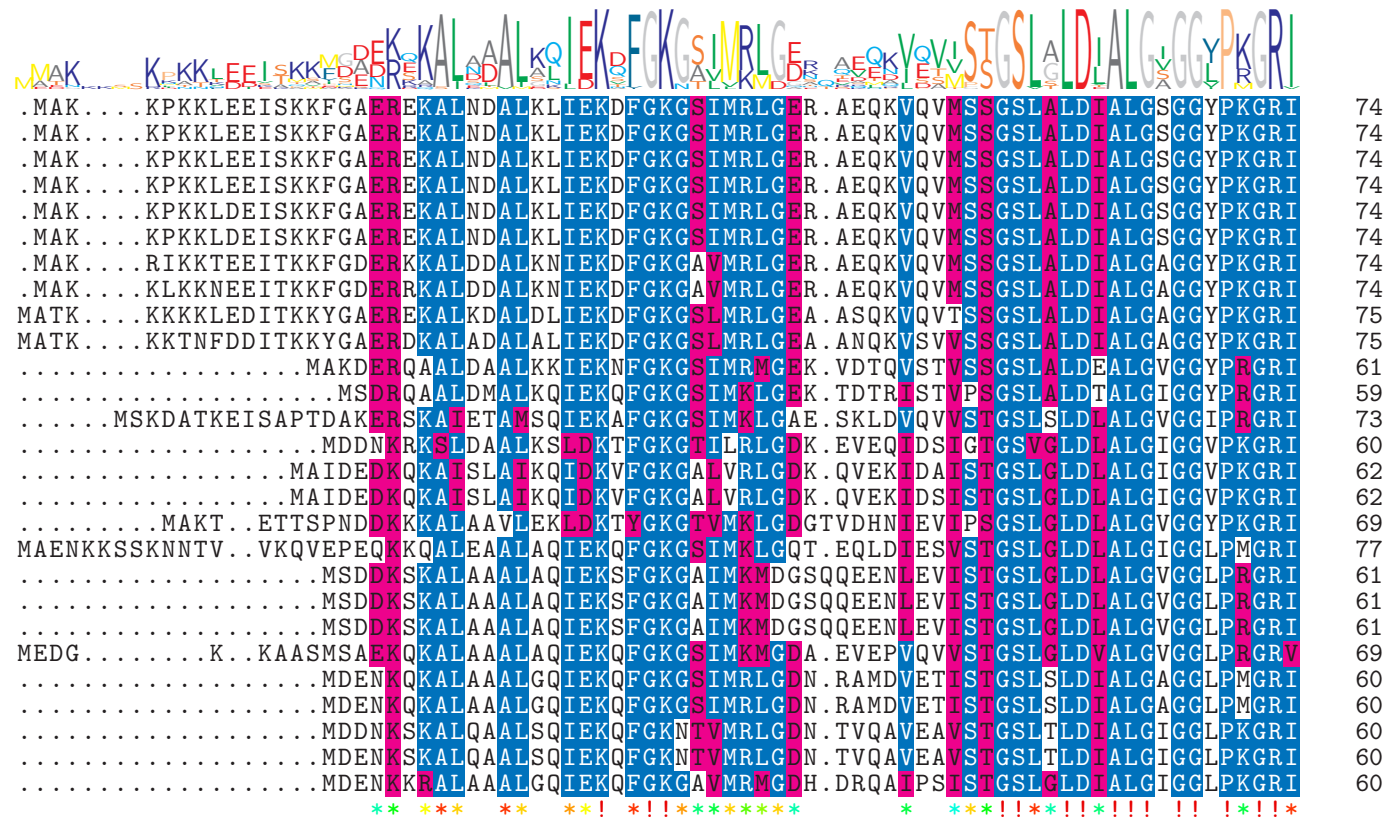


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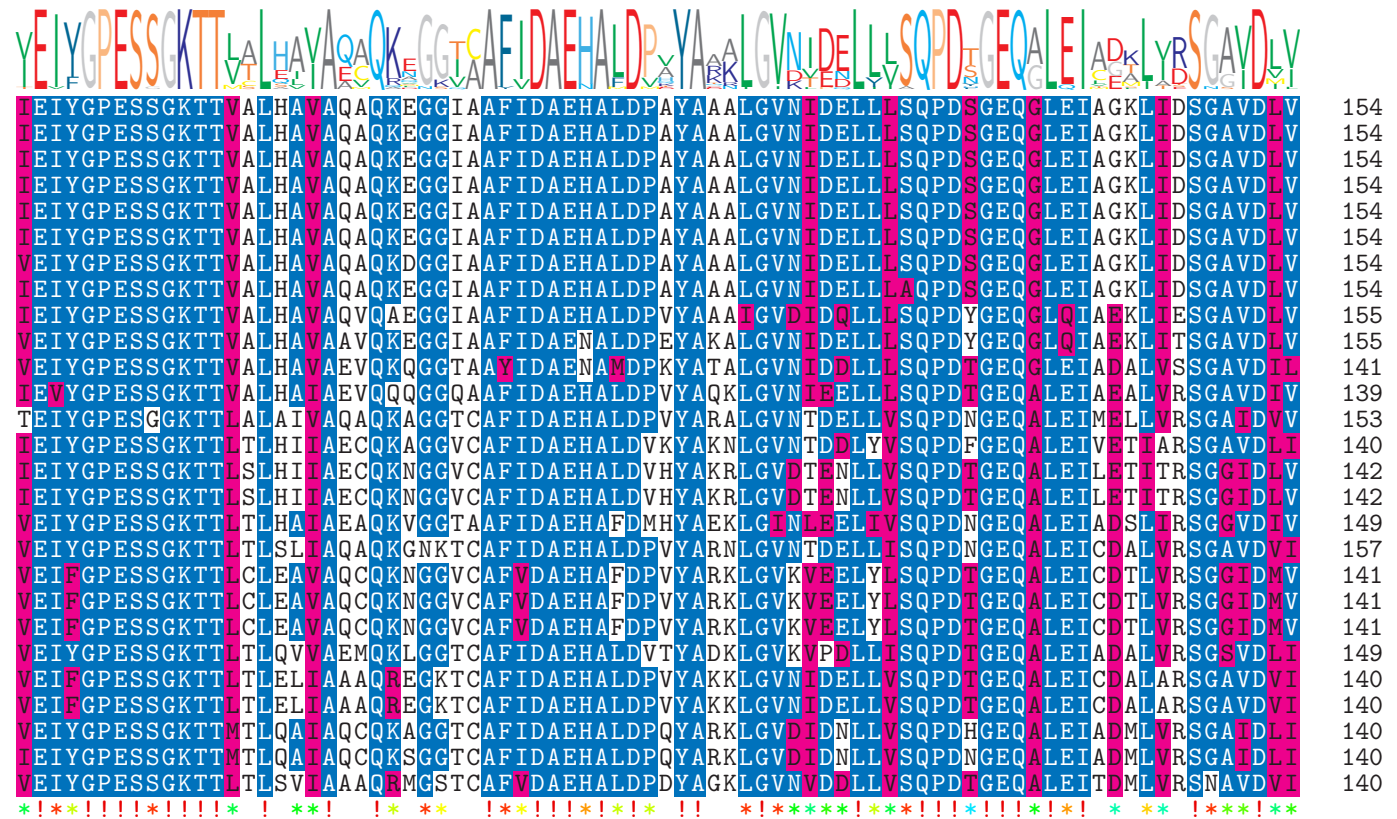
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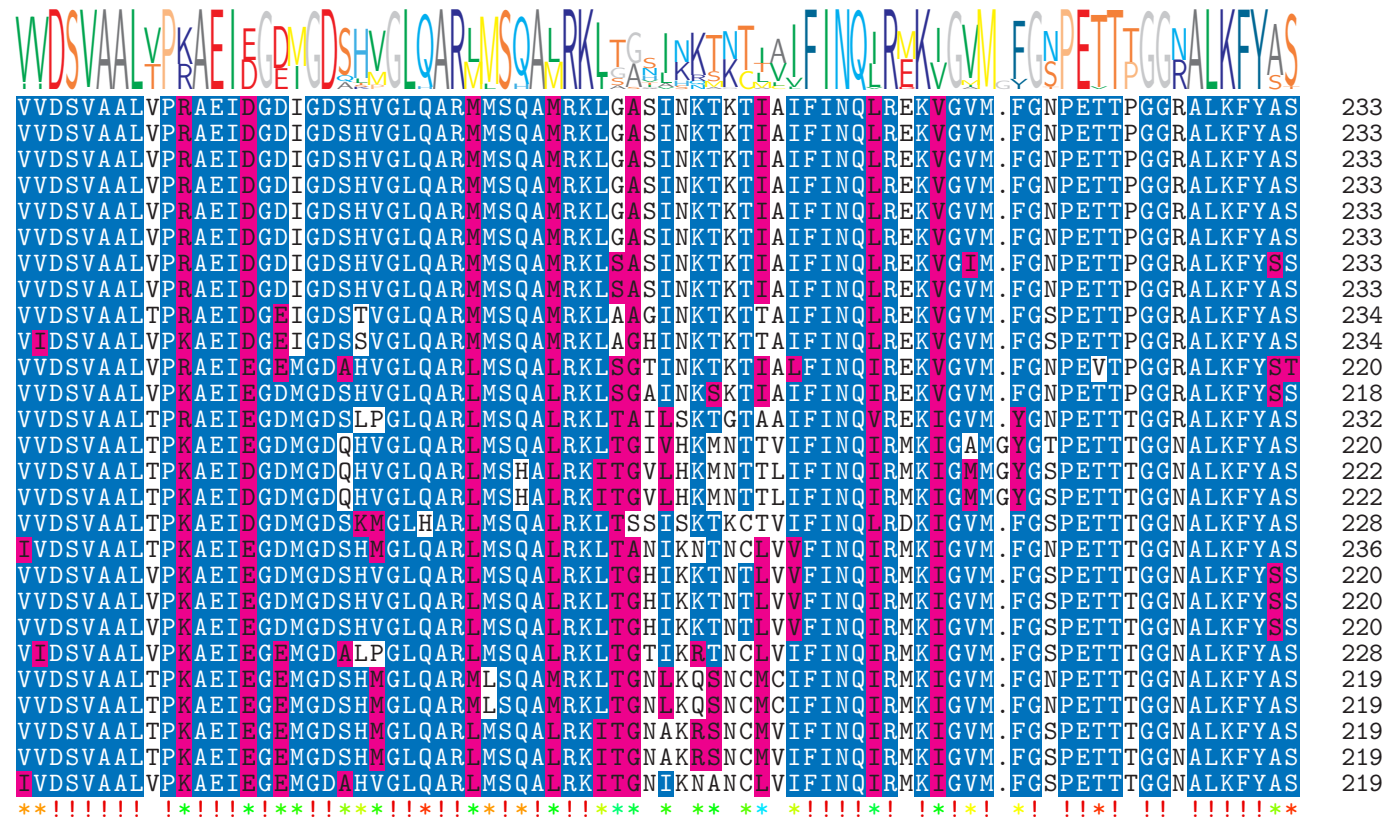
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NTDB id 1389 A4U84 RS07560 WP 021112712.1	TKIGQGG	KNN	AVKWL	KENPEI	ADKLEQE	IRNTLAS	NPNS	VLKATAS	..DSN	DESDV	EEFSEEL	372
NTDB id 1130 NGFG RS03960 WP 003688695.1	AKIGQGG	KDNVR	VWL	KENPEIS	DEIDAKI	RALNGV	EMHI	TEGTQDE	..TDGER	...PEE		348
NTDB id 1124 NGFG RS03960 WP 003688695.1	AKIGQGG	KDNVR	VWL	KENPEIS	DEIDAKI	RALNGV	EMHI	TEGTQDE	..TDGER	...PEE		348
NTDB id 1123 OK783 RS03845 WP 003688695.1	AKIGQGG	KDNVR	VWL	KENPEIS	DEIDAKI	RALNGV	EMHI	TEGTQDE	..TDGER	...PEE		348
NTDB id 1427 RS RS02760 WP 011000510.1	ERIGQGR	DNCRE	FLRENA	EELARE	IENKVR	REHLGV	TPMG	AVTLA	.E..EVEED		352	
NTDB id 1165 A1552VC RS01565 WP 000344154.1	DKIGQGG	KANACKY	LKENPEI	AKTLD	KKLRE	MLLN	NPENM	QLIAETS	..SAAD	DVEFG	AVPEEF	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	DKIGQGG	KANACKY	LKENPEI	AKTLD	KKLRE	MLLN	NPENM	QLIAETS	..SAAD	DVEFG	AVPEEF	354
NTDB id 1022 ACIAD RS06390 WP 004925639.1	NKIGQGG	KNNVIR	YLEEN	PQISTE	IEAVI	REQLLT	TKASD	QTAA	.HD..ETEE	EPDLL	..ES	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	NKIGQGG	KNNVIR	YLEEN	PQIAE	EEIERN	IREQLLT	TGTN	GAVQ	.I...EDE	EPDLL	..LES	349
NTDB id 1205 PSJM300 05545 AFN77183.1	SKIGQGG	KANA	KYLEEN	PEIGQE	IEQQI	RAKLLV	TSAN	TKATP	VA..EDL	ADADI		347
consensus	**!!!	*****	**	*****	*****	**	**	*				

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		EE	
NTDB id 269	KZH43 RS08665 WP 001085462.1	EE	388
NTDB id 228	SPD RS09265 WP 001085462.1	EE	388
NTDB id 194	SPR RS08825 WP 001085462.1	EE	388
NTDB id 159	SP RS09750 WP 001085462.1	EE	388
NTDB id 499	SM12261 RS08315 WP 078228268.1	EE	384
NTDB id 527	SMSK321 RS11065 WP 001085454.1	EE	384
NTDB id 408	SMU RS09530 WP 002262392.1	..	383
NTDB id 453	Spy49 1753c ACI62003.1	..	378
NTDB id 100567	QUD44 RS01285 WP 019291389.1	..	383
NTDB id 600	KW2 RS01765 WP 011675413.1	..	387
NTDB id 625	LCA RS02525 WP 011374196.1	..	355
NTDB id 115	BSU 16940 NP 389576.2	..	348
NTDB id 1313	DR RS12030 WP 010888966.1	..	363
NTDB id 1245	Cj1673c YP 002345041.1	..	343
NTDB id 1214	NCTC11637 00359 SQJ03206.1	..	347
NTDB id 1211	C694 RS00795 WP 000963128.1	..	347
NTDB id 1334	RAOC RS04870 WP 004918236.1	..	343
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