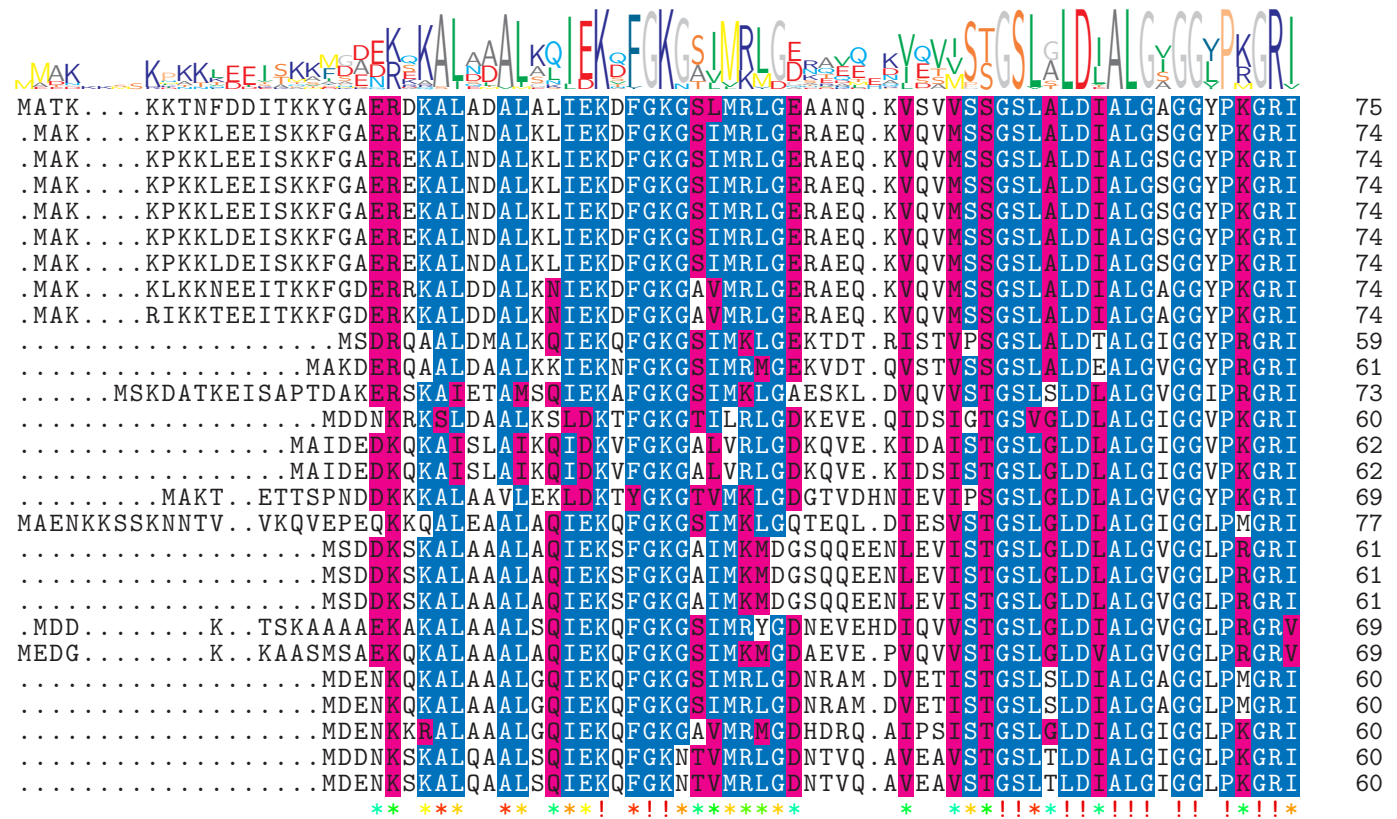


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consensus

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NTDB id 600 KW2 RS01765 WP 011675413.1	EKIGQGA	EKAKNYLKEHQDV	DEIDHKVRAAHG	LLDDSEVAE	..TEEETTAS	TKAKAKKEEK	AVETEEIELE	LED....	387							
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NTDB id 499 SM12261 RS08315 WP 078228268.1	EKIGQGS	ENAKKYLADN	PEIF	DEIDHQVRVQF	GLIDGEEIAE	SKK	DE....AAQVDS	..VNEEVTLDLGDELEI	380							
NTDB id 453 Spy49 1753c ACI62003.1	EKIGQGS	ENAKRYLADHP	QLF	DEIDRKVRVKF	GLLEESEEE	..AMAVASE	E.....	TDDLALDLN	NGIEI	376						
NTDB id 408 SMU RS09530 WP 002262392.1	EKIGQGS	ENAKKFLADN	PEIF	DDIDHKVRVQY	GLIEEDNTEE	..KQSSKEK	ETDEK	..ADKNLVLE	LDDTIEL	381						
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NTDB id 1334 RAOC RS04870 WP 004918236.1	TKLGGG	RDTVKELIK	DNPELA	EELAKIRE	KLQAK						343					
NTDB id 1389 A4U84 RS07560 WP 021112712.1	TKIGQG	KNNAVKWL	KENPEI	ADKLEQE	EIRNTLAS	NPNNSV	..LKATAS	DSNDES	DVEEF		SEEEL.....	372				
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NTDB id 261919 CYG29 RS06665 WP 003812760.1	NRIGQG	KDNVREYL	KEHKEM	AIIEIENK	VRENQ	GI	VSRAA	..T.FP	ASEA	EDGE		353				
NTDB id 1427 RS RS02760 WP 011000510.1	ERIGQG	RDNCR	REFLRE	NAELARE	IEIENK	VREHLG	VTPMGA	..V.TL	AEEVEE	D		352				
NTDB id 1165 A1552VC RS01565 WP 000344154.1	DKIGQG	KANACKYL	KENPEI	AKTLDK	KLREML	LN	PENMQ	..LIAET	SSA	ADDV	..EFGAV		PEEF.....	354		
NTDB id 1142 GTF74 RS11550 WP 000344154.1	DKIGQG	KANACKYL	KENPEI	AKTLDK	KLREML	LN	PENMQ	..LIAET	SSA	ADDV	..EFGAV		PEEF.....	354		
NTDB id 1205 PSJM300 05545 AFN77183.1	SKIGQG	KANA	AKYLEEN	PEIGQ	EIEQQI	RAKLL	TSANT	..KATP	VAED	LADA	DI			347		
NTDB id 1022 ACIAD RS06390 WP 004925639.1	NKIGQG	KNNVIRY	LEENP	QISTE	IEAVI	REQL	LT	KASDQ	..TAA	HD	ETEE	P.DLL		ES.....	349	
NTDB id 1074 ABD1 RS10195 WP 000344167.1	NKIGQG	KNNVIRY	FEENN	QIAEEI	ERNI	REQL	LT	TGTNG	..AVQ	..I	ED	EE	P.DLL		LES.....	349
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NTDB id 600 KW2 RS01765 WP 011675413.1		387
NTDB id 269 KZH43 RS08665 WP 001085462.1	EIEE	388
NTDB id 228 SPD RS09265 WP 001085462.1	EIEE	388
NTDB id 194 SPR RS08825 WP 001085462.1	EIEE	388
NTDB id 159 SP RS09750 WP 001085462.1	EIEE	388
NTDB id 527 SMSK321 RS11065 WP 001085454.1	EIEE	384
NTDB id 499 SM12261 RS08315 WP 078228268.1	EIEE	384
NTDB id 453 Spy49 1753c ACI62003.1	ED..	378
NTDB id 408 SMU RS09530 WP 002262392.1	ED..	383
NTDB id 115 BSU 16940 NP 389576.2	....	348
NTDB id 625 LCA RS02525 WP 011374196.1	....	355
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 261919 CYG29 RS06665 WP 003812760.1	....	353
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 1205 PSJM300 05545 AFN77183.1	....	347
NTDB id 1022 ACIAD RS06390 WP 004925639.1		349
NTDB id 1074 ABD1 RS10195 WP 000344167.1		349

consensus

 non conserved
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 ≥ 50% conserved