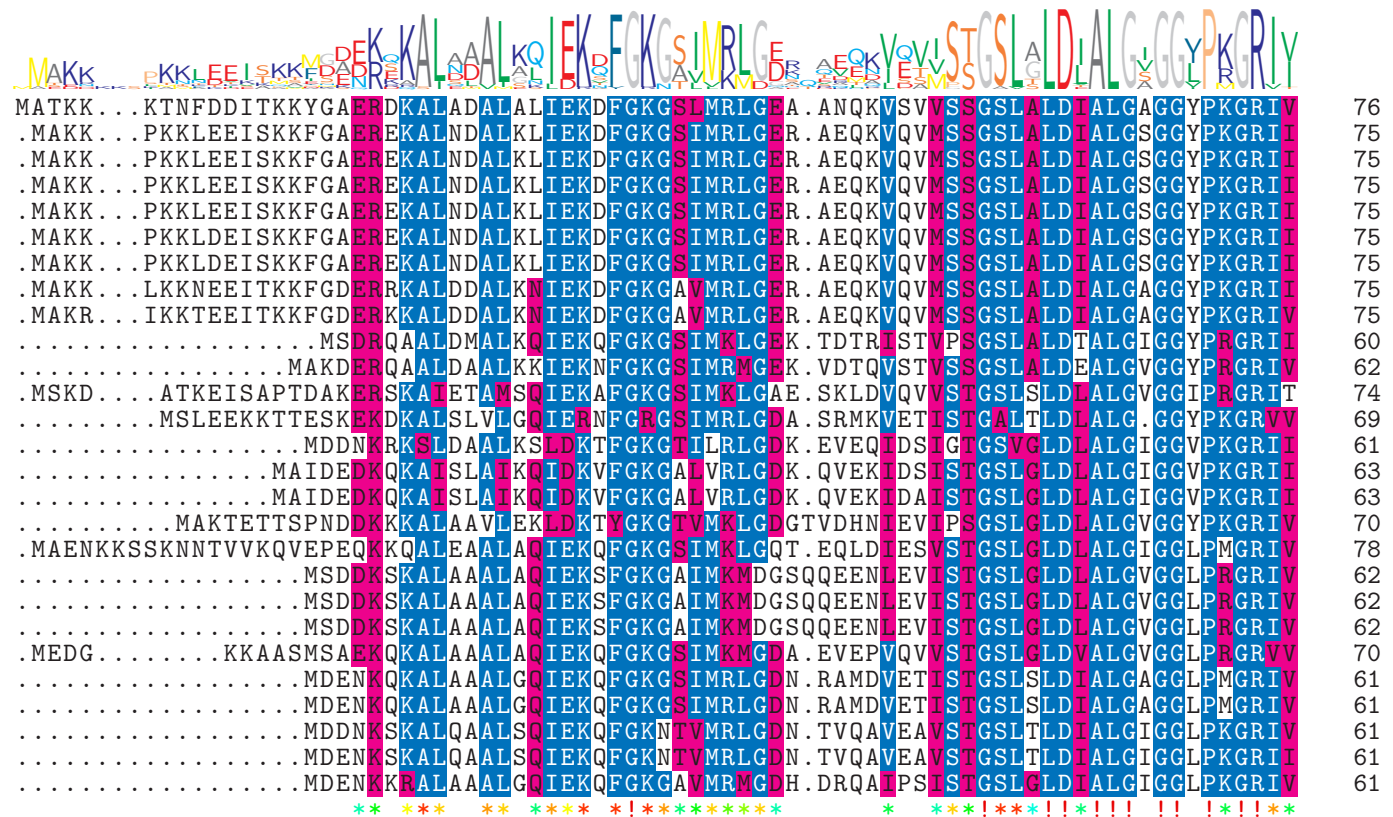


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NTDB id 1205 PSJM300 05545 AFN77183.1
consensus

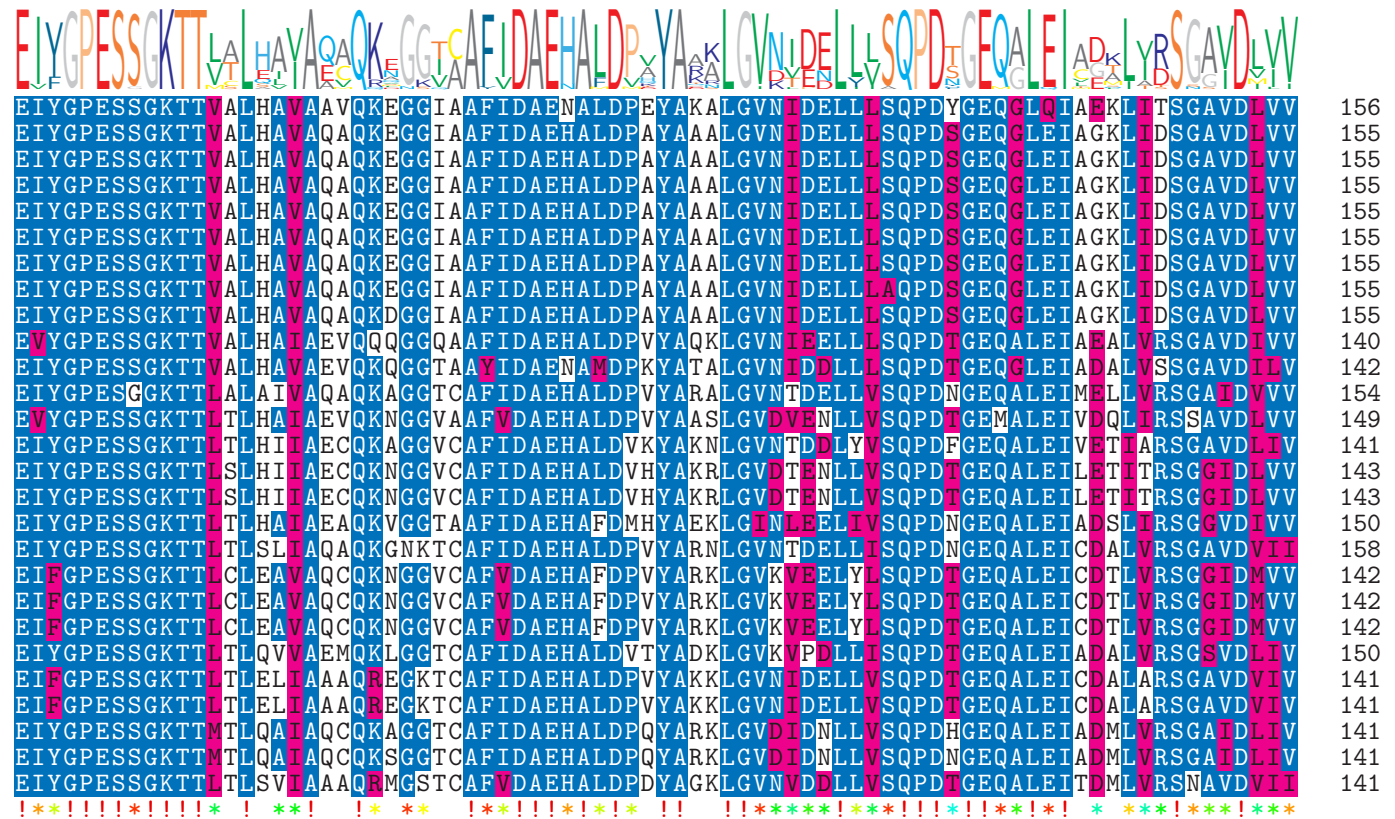
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NTDB id 1074 ABD1 RS10195 WP 000344167.1
NTDB id 1205 PSJM300 05545 AFN77183.1
consensus

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logo

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NTDB id 228 SPD RS09265 WP 001085462.1	RLDVRG	NTQIKGTG	.DQKETN	VGKETK	IKVV	VKNKVAPPF	KEAVV	EIMY	GEGIS	KTGEL	LKIAS	DIIKK	KAGAW	YSYK	DE	313					
NTDB id 194 SPR RS08825 WP 001085462.1	RLDVRG	NTQIKGTG	.DQKETN	VGKETK	IKVV	VKNKVAPPF	KEAVV	EIMY	GEGIS	KTGEL	LKIAS	DIIKK	KAGAW	YSYK	DE	313					
NTDB id 159 SP RS09750 WP 001085462.1	RLDVRG	NTQIKGTG	.DQKETN	VGKETK	IKVV	VKNKVAPPF	KEAVV	EIMY	GEGIS	KTGEL	LKIAS	DIIKK	KAGAW	YSYK	DE	313					
NTDB id 499 SM12261 RS08315 WP 078228268.1	RLDVRG	STQIKGTG	.DQKDTN	VGKETK	IKVV	VKNKVAPPF	KEAFV	EIMY	GEGIS	KTGEL	LKIAS	DIIKK	KAGAW	YSYK	DE	313					
NTDB id 527 SMSK321 RS11065 WP 001085454.1	RLDVRG	STQIKGTG	.DQKDTN	VGKETK	IKVV	VKNKVAPPF	KEAFV	EIMY	GEGIS	KTGEL	LKIAS	DIIKK	KAGAW	YSYK	DE	313					
NTDB id 453 Spy49 1753c ACI62003.1	RLDVRG	TQIKGTG	.DQKDSI	IGKETK	IKVV	VKNKVAPPF	KVAEV	EIMY	GEGIS	RTGEL	VKIAS	DIIQK	KAGAW	FSY	NGE	313					
NTDB id 408 SMU RS09530 WP 002262392.1	RLDVRG	NTQIKGTG	.EQKDSN	IGKETK	IKVV	VKNKVAPPF	KEAFV	EIMY	GEGIS	RTGEL	VKIAS	DLGI	IKKAG	AWYSY	NGE	313					
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NTDB id 625 LCA RS02525 WP 011374196.1	RLEVRRA	ETIKNGT		DMIGN	RARI	IKVV	VKNKVAPPF	KVAEV	DIMY	QGIS	RTGEL	VDMA	VEKDI	INKSG	SWSY	GSE	296				
NTDB id 1313 DR RS12030 WP 010888966.1	RLDVRK	IGQ....	PTKVG	NDAA	VANT	VKI	IKTV	VKNK	VAA	PFKE	VELA	LVY	GKGF	DQLS	DLVGL	AADMDI	IKKAGS	FFSY	GDE	309	
NTDB id 29248 P9215 RS08700 WP 012008451.1	RLDIRRI	QIT....	L.KRG	TEEY	GIRAK	VKVAK	NKVAPPF	RIAE	FDIL	FGK	GIST	TGCL	DLAE	ETNII	IRRG	AWYSY	E		303		
NTDB id 1245 Cj1673c YP 002345041.1	RLDVRK	VAT....	L.KQNE	EEP	IGNRV	VKV	VKNKVAPPF	RQAE	FDVM	FGE	LSR	EGEL	IDY	GVKLD	IVDK	SGAW	FSY	KDK		296	
NTDB id 1211 C694 RS00795 WP 000963128.1	RIDIRRI	AS....	L.KQNE	EQH	IGNRA	KA	VVVKNKVAPPF	REAE	FDIM	FGE	GIS	KEGE	IIDY	GVKLD	IVDK	SGAW	LSY	QDK		298	
NTDB id 1214 NCTC11637 00359 SQJ03206.1	RIDIRRI	AA....	L.KQNE	EQH	IGNRA	KA	VVVKNKVAPPF	REAE	FDIM	FGE	GIS	KEGE	IIDY	GVKLD	IVDK	SGAW	LSY	QDK		298	
NTDB id 1334 RAOC RS04870 WP 004918236.1	RIDIRRS	LSLSD	TGKIK	DKSG	EVIGN	RTKV	VVVKNKVAPPF	KS	AE	FDIM	YGEG	VSKV	GEIL	DVAT	DLDI	IQKSG	SW	FSY	QDT	309	
NTDB id 1389 A4U84 RS07560 WP 021112712.1	RLDIRRC	GCV....	V.KDG	DEI	IGSE	TKV	VVVKNKVAPPF	REVQ	FDIM	YGEG	ISRM	NELL	ILAE	ANGF	IKKSG	AW	FSY	DGT		312	
NTDB id 1130 NGFG RS03960 WP 003688695.1	RLDIRRT	TGS....	I.KKG	EEV	LGNET	RVKVI	KNKVAPPF	RQAE	FDIL	YGEG	ISW	EGEL	IDIG	VKNDI	INKSG	AWSY	NGA		296		
NTDB id 1124 NGFG RS03960 WP 003688695.1	RLDIRRT	TGS....	I.KKG	EEV	LGNET	RVKVI	KNKVAPPF	RQAE	FDIL	YGEG	ISW	EGEL	IDIG	VKNDI	INKSG	AWSY	NGA		296		
NTDB id 1123 OK783 RS03845 WP 003688695.1	RLDIRRT	TGS....	I.KKG	EEV	LGNET	RVKVI	KNKVAPPF	RQAE	FDIL	YGEG	ISW	EGEL	IDIG	VKNDI	INKSG	AWSY	NGA		296		
NTDB id 1427 RS RS02760 WP 011000510.1	RLDIRRI	GS....	I.KKG	DEV	VGN	ETKV	VVVKNKVAPPF	REAI	FDIL	YGAG	VSRE	GEI	IDL	GV	EAKV	VEKSG	AWSY	NGE		304	
NTDB id 1165 A1552VC RS01565 WP 000344154.1	RLDIRRT	TGA....	I.KEG	EEV	VGN	ETRI	IKVV	VKNK	IA	APFKE	ANTQ	IMY	QG	FNRE	GEL	IDL	GVKHK	MVEKSG	AWSY	NGD	295
NTDB id 1142 GTF74 RS11550 WP 000344154.1	RLDIRRT	TGA....	I.KEG	EEV	VGN	ETRI	IKVV	VKNK	IA	APFKE	ANTQ	IMY	QG	FNRE	GEL	IDL	GVKHK	MVEKSG	AWSY	NGD	295
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NTDB id 1205 PSJM300 05545 AFN77183.1	RLDIRRT	TGA....	V.KEG	DEV	VGS	ETRV	VVVKNKVAPPF	RQAE	FQIL	YGK	GIYR	NGE	IIDL	GV	VQQL	VEKSG	AWAY	AYKGS		295	
consensus	!***!*		*		*	*	*****!***!!*!!*!!*	*		*****!*	*****	*****	*****	*****	*	*****!					

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NTDB id 1074 ABD1 RS10195 WP 000344167.1
NTDB id 1205 PSJM300 05545 AFN77183.1
consensus

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KIGQGS	ENAKKYLAEHPEIF	FEID	DKQVRSKF	GLIDGEEVSEQD	TENKKDE	...PKKEEA..VNEEVPLDLGDELEIEIE	387
KIGQGS	ENAKKYLAEHPEIF	FEID	DKQVRSKF	GLIDGEEVSEQD	TENKKDE	...PKKEEA..VNEEVPLDLGDELEIEIE	387
KIGQGS	ENAKKYLAADNP	FEID	DHQRVVF	GLIDGEEIAES	...KKDE...AAQVDS..VNEEVPLDLGDELEIEIE	383	
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KIGQGS	ENAKRYLADHP	QLFEID	DRKVRVKF	GLLEESEESAMAVASE	...E...TDDLALDLNGIEIED	378	
KIGQGS	ENAKKFLADNP	FEID	DHKVRVQY	GLIEEDNTEEKQSSKEK	...ETDEK..ADKNLVLELDDTIELED	383	
RLGQGR	ENAKQFLKENKD	IMLMIQEQ	IREHYGLD	NNGVVQQQA	EETQEEL.EFE.E...	348	
RIGQGR	ENAKNYLADHED	VEDEV	RLKVRVAA	YCTSDVPEED	LPTTEDE.QI.NILPDDST...EE...	355	
RIGQGE	KETIAYIAER	PEMEQL	IRDRVMAA	IRAGNAGEAPALAP	...APAA..PEAAE...A...	363	
NIGQGR	DNTIILWLD	QNLEIKNKV	ESMIEK	LEGT	TEVSSNSMKALNSNP	TST.IAVNDIKTVA...	365
KLGGGR	ENSKAFLKENPEI	ADAITKAI	QNSMCTEG	MISGSEDD	...E...GEE...	343	
KLGGGR	ENAKALLKED	KALADEIT	TLKIKES	IGSNEEIMPLPDE	...P...LEEME...	347	
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KLGGGR	DTVKELIKDN	PELAEE	AKIREKLQAK	...	...	343	
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KIGQGD	NVRVWLKENPEI	SDEIDAKI	RALNGVEM	HITEGTQDE...TD...GER...PEE...	348		
RIGQGR	DNCREFLREN	AELARE	IKNVR	EHLG	VTMPGAVTLA.E...EV...EED...	352	
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KIGQGN	NNVIRYLEENP	QISTE	IEAVI	REQLLTKASD	QTAA.HD...ET...EEEPDLL..ES...	349	
KIGQGN	NNVIRYFEENN	QIAEEI	ERNI	REQLLTTGT	NGAVQ.I...ED...EEEPDLL..LES...	349	
KIGQGN	ANAAYYLEENPEI	IGQEIQ	QIRAKL	LYTSAN	KATPVA...ED...LADADI...	347	

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logo

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NTDB id 269 KZH43 RS08665 WP 001085462.1	E	388
NTDB id 228 SPD RS09265 WP 001085462.1	E	388
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NTDB id 159 SP RS09750 WP 001085462.1	E	388
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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