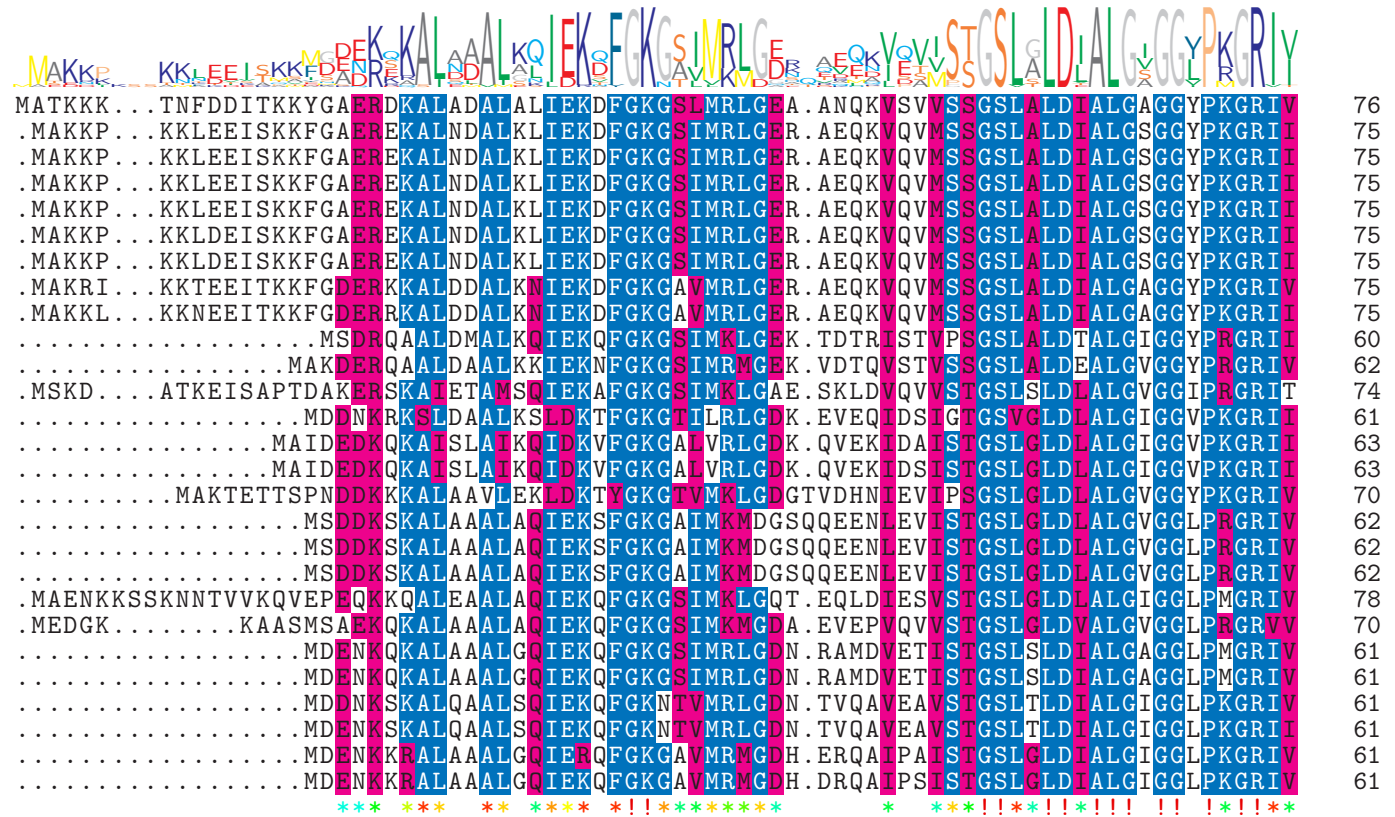


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consensus

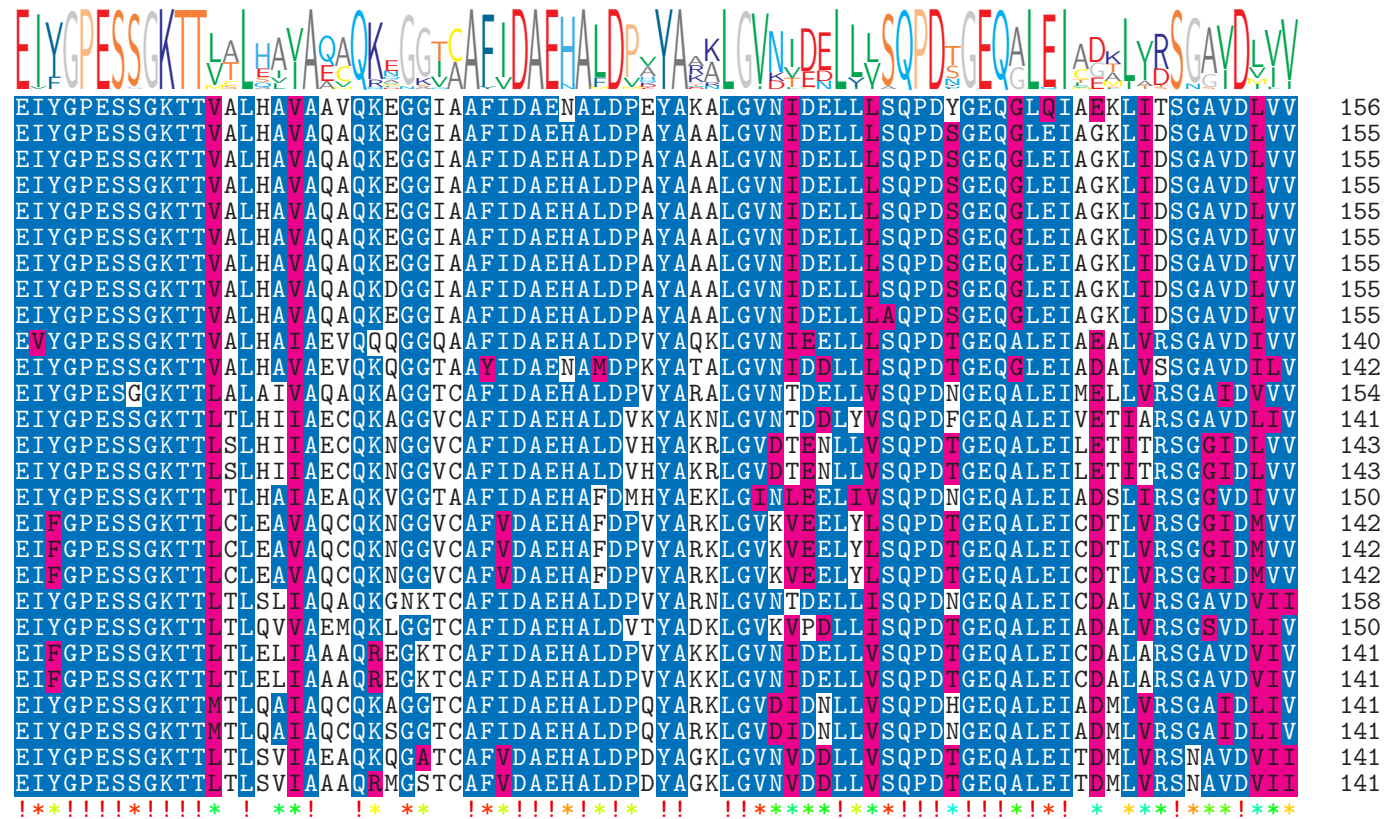
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consensus

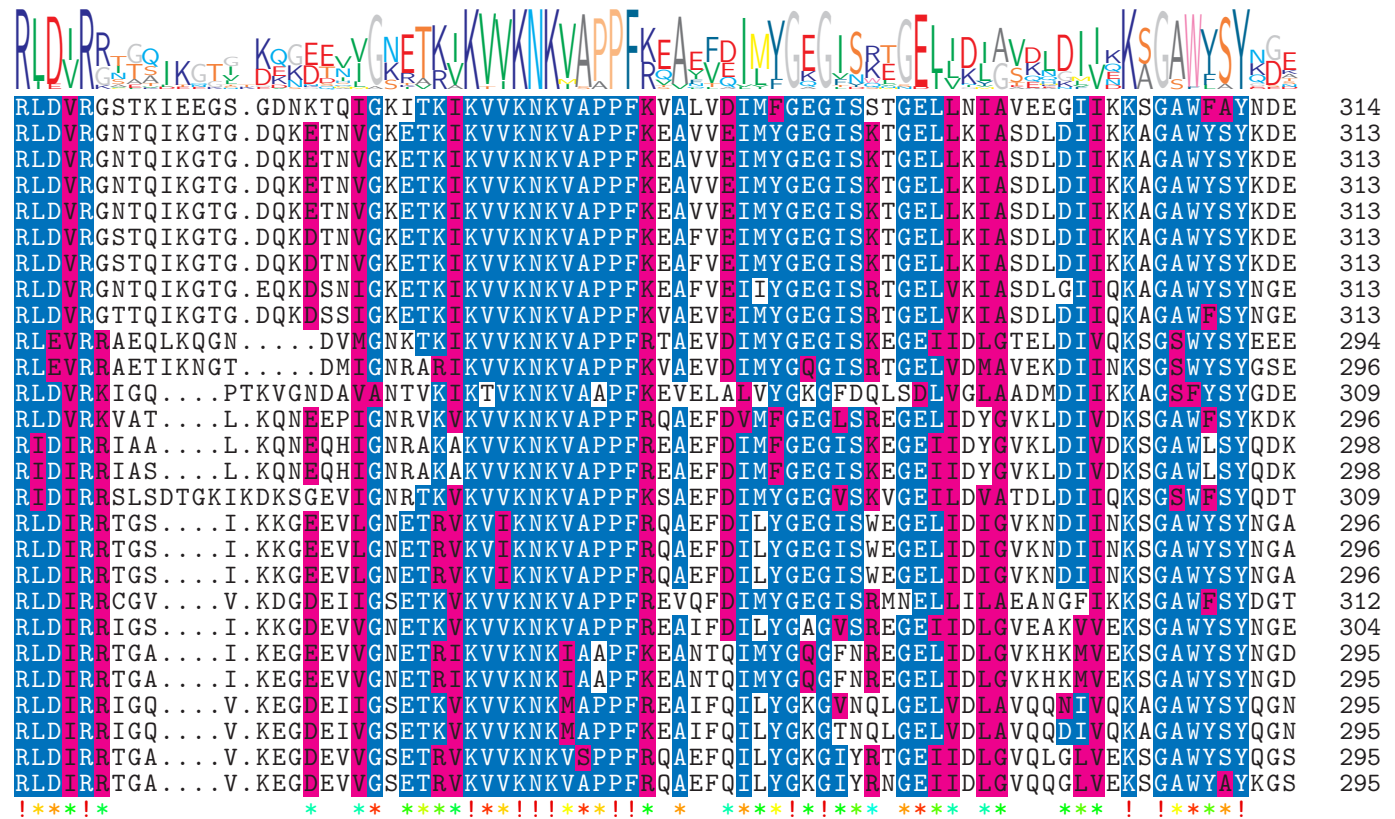
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NTDB id 306789 CP913 RS08060 WP 003092260.1
NTDB id 1205 PSJM300 05545 AFN77183.1
consensus

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NTDB id 600 KW2 RS01765 WP 011675413.1	KIGQGA	EKAKNYLKEHQDV	DEIDHKVRAAHG	LDDSEVAETEEETT	...	AS	TKAKAKKEEKAVETEEIELELED	...	387		
NTDB id 269 KZH43 RS08665 WP 001085462.1	KIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTENK	...	KDE	...	PKKEEA..VNEEVPLDLGDELE	383		
NTDB id 228 SPD RS09265 WP 001085462.1	KIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTENK	...	KDE	...	PKKEEA..VNEEVPLDLGDELE	383		
NTDB id 194 SPR RS08825 WP 001085462.1	KIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTENK	...	KDE	...	PKKEEA..VNEEVPLDLGDELE	383		
NTDB id 159 SP RS09750 WP 001085462.1	KIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTENK	...	KDE	...	PKKEEA..VNEEVPLDLGDELE	383		
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NTDB id 527 SMSK321 RS11065 WP 001085454.1	KIGQGS	ENAKKYLADNPEVFAE	IDHQVRVQFGL	IDGEEAAES	...	K	...	KDE	...	VAQVDS..VNEEVTLDLGDELE	379
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NTDB id 453 Spy49 1753c ACI62003.1	KIGQGS	ENAKRYLADHPQLFDE	IDRKVRVKFGL	LEESEESAMAVAS	...	E	...	E	...	TDDLALDLDNGIE	375
NTDB id 115 BSU 16940 NP 389576.2	RLGQGR	ENAKQFLKENKDIMLMI	QEQIREHYGL	DNNGVVQQAEETQ	...	EEL	...	EFE	...	E	348
NTDB id 625 LCA RS02525 WP 011374196.1	RIGQGR	ENAKNYLADHEDVEDEV	RLKVRVRAAYG	ISDVPEEDLPTTEDE	...	QI	...	NILPDDST	...	EE	355
NTDB id 1313 DR RS12030 WP 010888966.1	RIGQGK	EKTIAIYTAERP	MEQEIRDRVMAAIR	AGNAGEAPALAPAPAA	PEAA	EA	...	...	...	...	363
NTDB id 1245 Cj1673c YP 002345041.1	KLGGGR	ENSKAFLKENPEIADE	ITKAIQNSMCI	EGMIS	...	GSEDDE	...	GEE	...	...	343
NTDB id 1214 NCTC11637 00359 SQJ03206.1	KLGGGR	ENAKALLKEDKALADE	ITLKIKESIGS	NEEIM	...	PLPDEP	...	LEEME	...	...	347
NTDB id 1211 C694 RS00795 WP 000963128.1	KLGGGR	ENAKALLKEDKALADE	ITLKIKESIGS	NEEIM	...	PLPDEP	...	LEEME	...	...	347
NTDB id 1334 RAOC RS04870 WP 004918236.1	KLGGGR	DTVKELIKDNPELAE	ELEAKIREKLQAK	...	...	...	...	...	...	...	343
NTDB id 1130 NGFG RS03960 WP 003688695.1	KIGQGD	NVRVWLKENPEISDE	IDAKIRALNGVEMHIT	...	...	EGTQDET	...	DGE	...	RP...EE	348
NTDB id 1124 NGFG RS03960 WP 003688695.1	KIGQGD	NVRVWLKENPEISDE	IDAKIRALNGVEMHIT	...	...	EGTQDET	...	DGE	...	RP...EE	348
NTDB id 1123 OK783 RS03845 WP 003688695.1	KIGQGD	NVRVWLKENPEISDE	IDAKIRALNGVEMHIT	...	...	EGTQDET	...	DGE	...	RP...EE	348
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NTDB id 1165 A1552VC RS01565 WP 000344154.1	KIGQGN	ANACKYLKENPEIAKT	LDKKLREMLLNPENMQ	...	...	LIAETSSAAD	...	DVEFGAVP	...	EEF	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	KIGQGN	ANACKYLKENPEIAKT	LDKKLREMLLNPENMQ	...	...	LIAETSSAAD	...	DVEFGAVP	...	EEF	354
NTDB id 1022 ACIAD RS06390 WP 004925639.1	KIGQGN	NVIRYLEENPQISTE	IEAVIREQLLTKASDQ	...	...	TAAMD	...	ETEE	...	PDLL..E...S	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	KIGQGN	NVIRYFEENNQIAEE	IERNIREQLLTTGTNG	...	...	AVQI	...	EDE	...	EEPDLL..L...ES	349
NTDB id 306789 CP913 RS08060 WP 003092260.1	KIGQGN	ANAAKYLEDNPEIGSV	LEKTIIRDQLLAKSGPV	...	...	KADAE	...	EVADAE	...	AD	346
NTDB id 1205 PSJM300 05545 AFN77183.1	KIGQGN	ANAAKYLEENPEIGQ	EIEQQIRAKLLVTSANT	...	...	KATPVAEDLAD	...	ADI	...	...	347
consensus	***!!!	*****	**	*****	****	**	**			**	

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		IEEE	
NTDB id 600 KW2 RS01765 WP 011675413.1			387
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consensus			

- ⓧ non conserved
- ✖ similar
- ⓧ ≥ 50% conserved