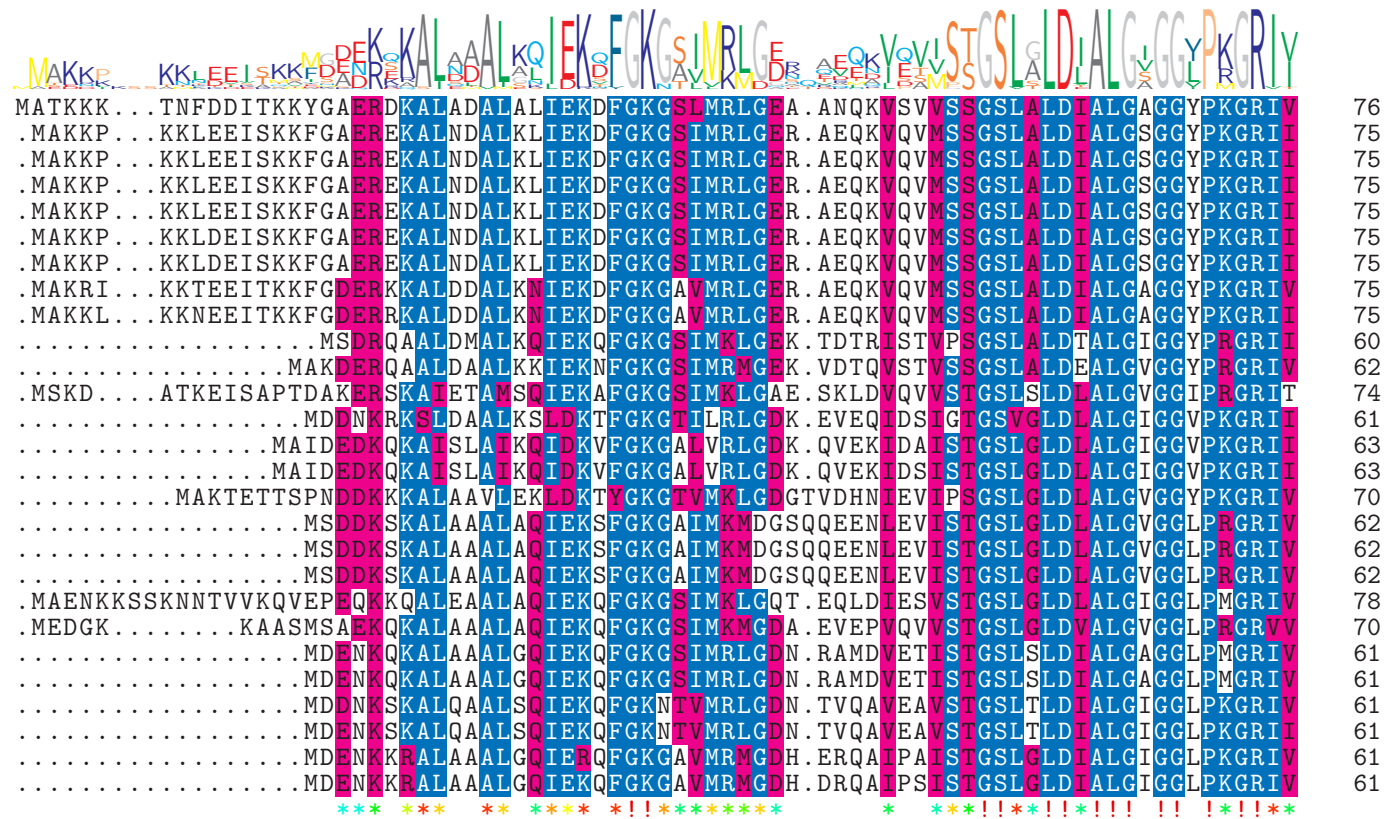


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consensus

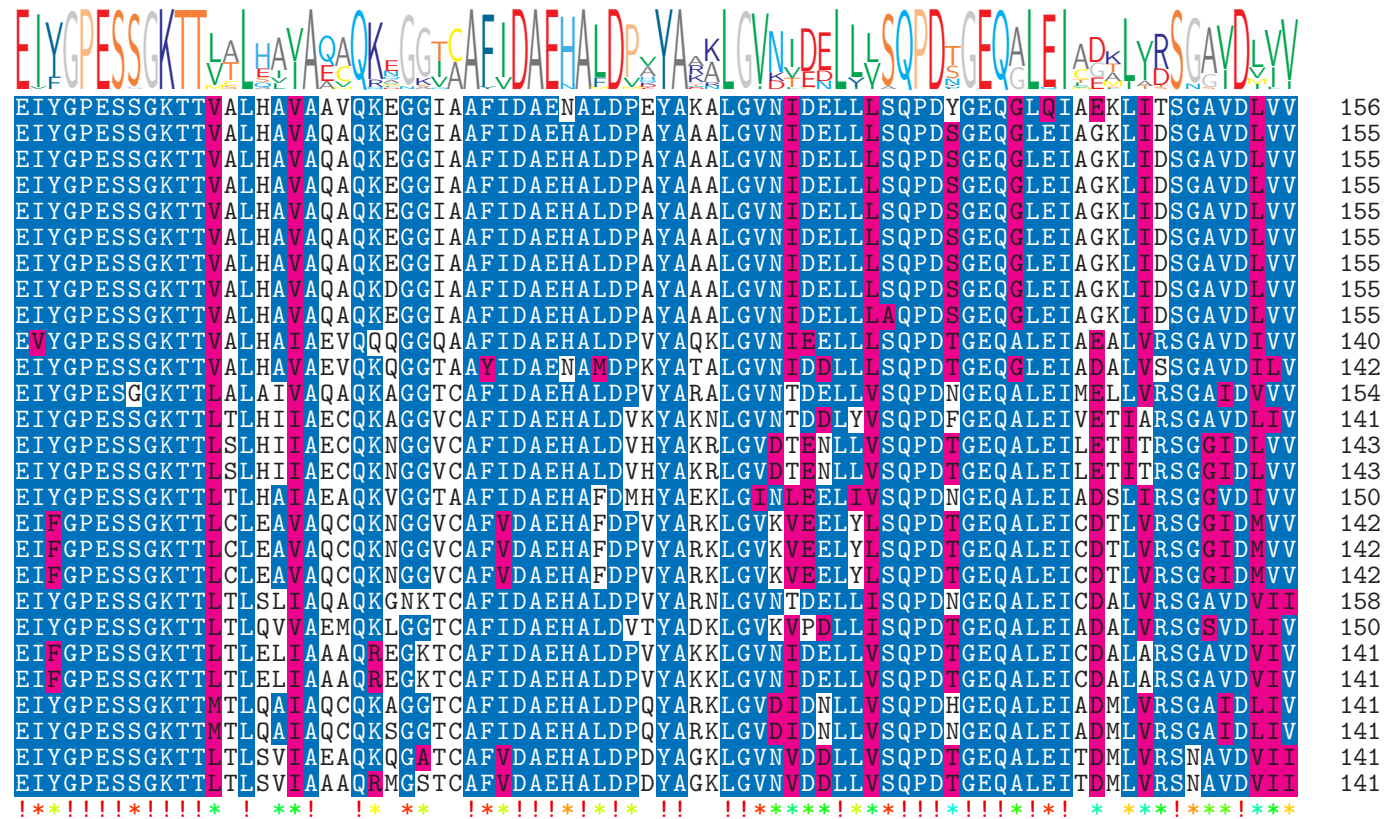
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consensus

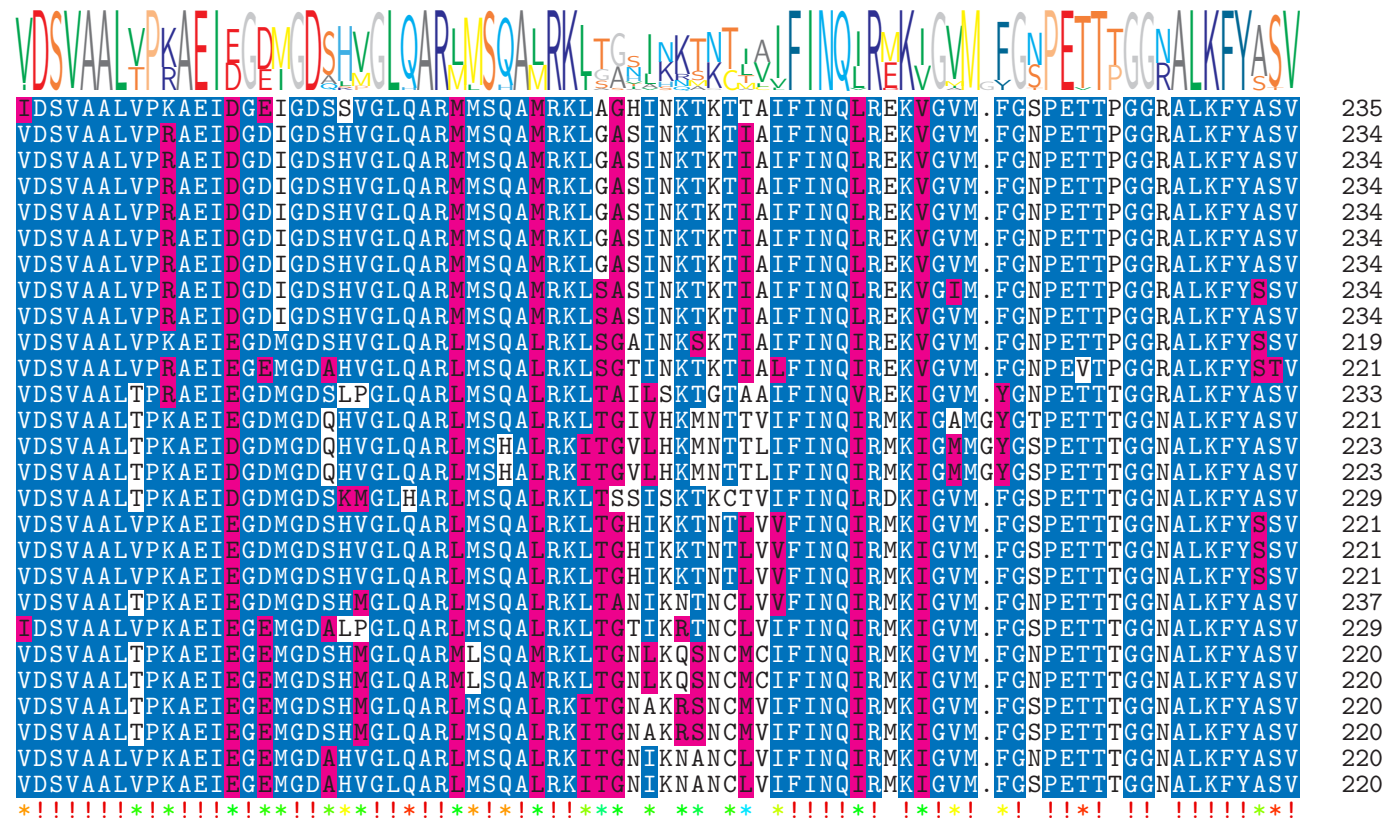
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NTDB id 1205 PSJM300 05545 AFN77183.1
consensus

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logo

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NTDB id 527 SMSK321 RS11065 WP 001085454.1	RLDVRG	STQIKGTG	.DQKDTN	VGKETK	IKVVKNKV	VAPPF	KEAFV	EIMY	GEGIS	KTGEL	LKIAS	DLDI	IKKAG	AWYSY	KDE		313				
NTDB id 408 SMU RS09530 WP 002262392.1	RLDVRG	NTQIKGTG	.EQKDSN	IGKETK	IKVVKNKV	VAPPF	KEAFV	EIT	Y	GEGIS	RTEGEL	VKIAS	DLGI	IKKAG	AWYSY	NGE	313				
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NTDB id 115 BSU 16940 NP 389576.2	RLEV	RRAEQLKQGN		DVMGN	KT	IKVVKNKV	VAPPF	RTA	AEVD	IMY	GEGIS	KEGE	ITID	LGTE	L	DIV	QKSG	SWSY	EEEE	294	
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NTDB id 1245 Cj1673c YP 002345041.1	RLDVR	KVAT		L.KQNE	EEPI	GNRV	KV	VVKNKV	VAPPF	RQAEF	DVMF	GEG	LSR	E	GELID	YGV	KLDIV	DKSG	AWF	SYKDK	296
NTDB id 1214 NCTC11637 00359 SQJ03206.1	RIDIR	RIAA		L.KQNE	EQHIGN	RAKA	IKVVKNKV	VAPPF	REAEF	DIMF	GEGIS	KEGE	ITID	YGV	KLDIV	DKSG	AWLSY	QDK			298
NTDB id 1211 C694 RS00795 WP 000963128.1	RIDIR	RIAS		L.KQNE	EQHIGN	RAKA	IKVVKNKV	VAPPF	REAEF	DIMF	GEGIS	KEGE	ITID	YGV	KLDIV	DKSG	AWLSY	QDK			298
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NTDB id 1123 OK783 RS03845 WP 003688695.1	RLDIR	RTGS		I.KKG	EEVLGN	ETRV	KVI	KNKVAPP	FRQAEF	DILY	GEGIS	WE	GELID	IGV	KNDI	INKSG	AWYSY	NGA			296
NTDB id 1389 A4U84 RS07560 WP 021112712.1	RLDIR	RCGV		V.KDG	DEIIG	SETKV	VVKNKV	VAPPF	REVQ	FDIMY	GEGIS	RMNELL	ILAE	ANGFI	KKSG	AWF	SYDGT				312
NTDB id 1427 RS RS02760 WP 011000510.1	RLDIR	RIGS		I.KKG	DEVVGN	ETKV	VVKNKV	VAPPF	REAI	FDILY	GAGVS	REGE	ITID	LG	VEAKV	VEKSG	AWYSY	NGE			304
NTDB id 1165 A1552VC RS01565 WP 000344154.1	RLDIR	RTGA		I.KEG	EEVVG	NETRI	IKVVKNK	IAAPF	KEANT	QIMY	QGFNR	E	GELID	LG	VKHKM	VEKSG	AWYSY	NGD			295
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NTDB id 1074 ABD1 RS10195 WP 000344167.1	RLDIR	RIGQ		V.KEG	DEIIG	SETKV	VVKNK	MAPPF	REAI	FQILY	GKGT	NQLG	ELVD	LAV	QQDIV	QKAG	AWYSY	QGN			295
NTDB id 275422 CSB91 RS28875 WP 003092260.1	RLDIR	RTGA		V.KEG	DEVVGS	ETRV	VVKNKV	SPPFR	QAEF	QILY	GKGI	YRTGE	ITID	LG	VQLGL	VEKSG	AWYSY	QGS			295
NTDB id 1205 PSJM300 05545 AFN77183.1	RLDIR	RTGA		V.KEG	DEVVGS	ETRV	VVKNKV	VAPPF	QAEF	QILY	GKGI	YRNGE	ITID	LG	VQQGL	VEKSG	AWY	AYKGS			295
consensus	!	***	!	*		*		*	*	***	!*	***	!*	***	!	***	!	***	!	***	!

logo

NTDB id 600 KW2 RS01765 WP 011675413.1	KIGQGA	EKAKNYLKEHQDV	DEIDHKVRAAHG	LDDSEVAETEEETT	...	AS	TKAKAKKEEKAVETEEIELELED	...	387		
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NTDB id 194 SPR RS08825 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
NTDB id 408 SMU RS09530 WP 002262392.1	KIGQGS	ENAKKFLADNPEIFDD	IDHKVRVQYGL	IEDDNTEEKQSSKE	...	K	...	ETDEK	...	ADKNLVLELDDTIE	380
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NTDB id 625 LCA RS02525 WP 011374196.1	RIGQGR	ENAKNYLADHEDVEDEV	RLKVRVRAAYG	ISDVPEEDLPTTEDE	...	QI	...	NILPDDST	...	EE	355
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NTDB id 1214 NCTC11637 00359 SQJ03206.1	KLGGGR	ENAKALLKEDKALADE	ITLKI	KESIGSNEEIM	...	PLPDEP	...	LEEME	...		347
NTDB id 1211 C694 RS00795 WP 000963128.1	KLGGGR	ENAKALLKEDKALADE	ITLKI	KESIGSNEEIM	...	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
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NTDB id 1142 GTF74 RS11550 WP 000344154.1	KIGQGN	ANACKYLKENPEIAKT	LDKKLREMLLN	PENMQ	...	LIAETSSAA	...	DD	...	VEFGAVP...EEF	354
NTDB id 1022 ACIAD RS06390 WP 004925639.1	KIGQGN	NVIRYLEENPQISTE	IEAVIREQLLTKASDQ	...	...	TA	...	AH	...	ETEEEPDLL..E...S	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	KIGQGN	NVIRYFEENNQIAEE	IERNIREQLLTTGTNG	...	...	AVQI	...	ED	...	EEEPDLL..L...ES	349
NTDB id 275422 CSB91 RS28875 WP 003092260.1	KIGQGN	ANAAYLEDNPEIGSV	LEKTI	IRDQLLAKSGPV	...	KADAE	...	EVADAE	...	AD	346
NTDB id 1205 PSJM300 05545 AFN77183.1	KIGQGN	ANAAYLEENPEIGQ	EIEQQIRAKLLV	TSANT	...	KATPVA	...	EDLAD	...	ADI	347
consensus	***!!!	*****	**	*****	*****	**	**			**	

logo

NTDB id 600 KW2 RS01765 WP 011675413.1		387
NTDB id 269 KZH43 RS08665 WP 001085462.1	IEIEE	388
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NTDB id 527 SMSK321 RS11065 WP 001085454.1	IEIEE	384
NTDB id 408 SMU RS09530 WP 002262392.1	LED..	383
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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 1130 NGFG RS03960 WP 003688695.1		348
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NTDB id 1123 OK783 RS03845 WP 003688695.1		348
NTDB id 1389 A4U84 RS07560 WP 021112712.1		372
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NTDB id 1205 PSJM300 05545 AFN77183.1		347
consensus		

-  non conserved
-  similar
-  ≥ 50% conserved