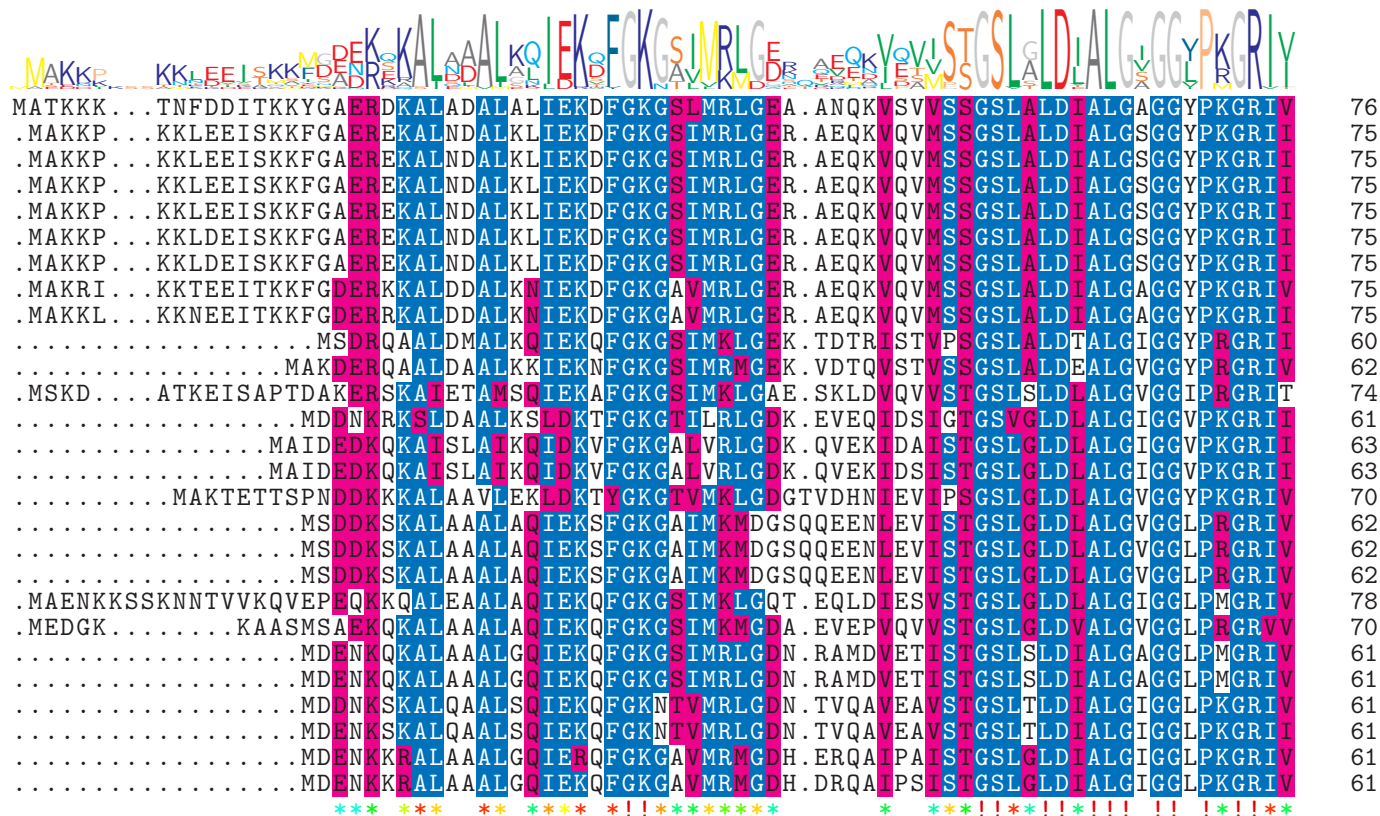


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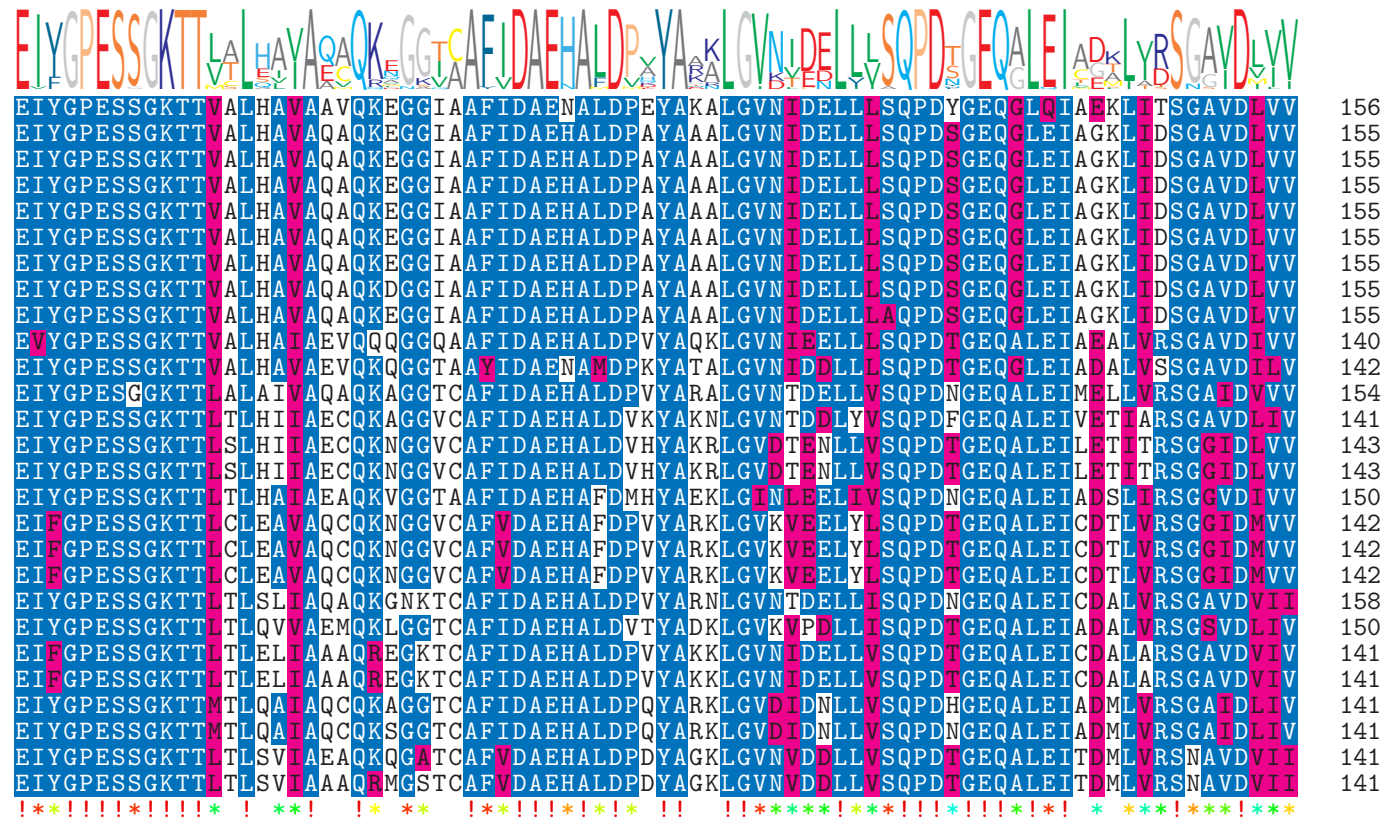
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consensus

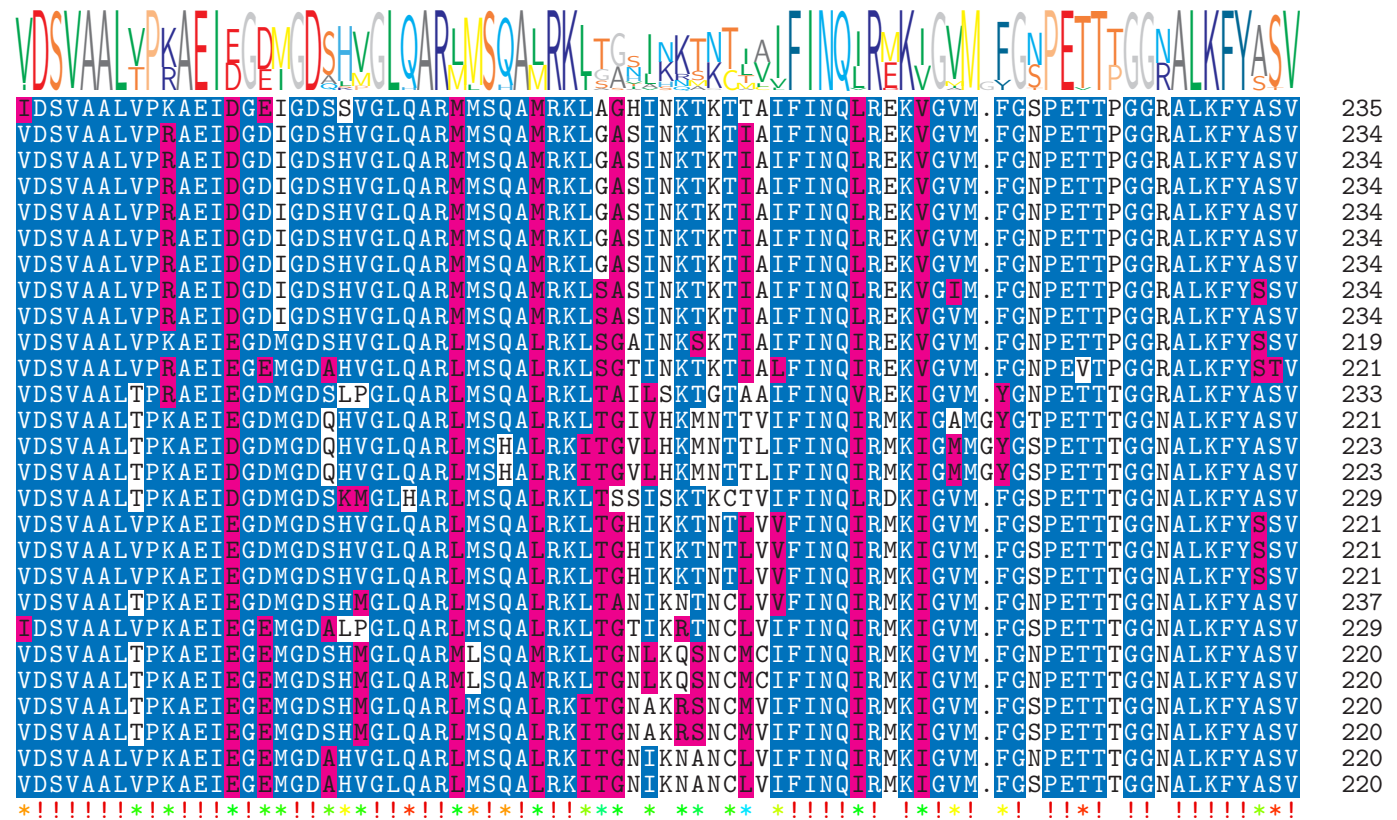
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consensus

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NTDB id 269 KZH43 RS08665 WP 001085462.1	RLDVRG	NTQIKGTG	.DQKETN	VGKETK	IKVVKNKV	VAPPF	KEAVV	EIMY	GEGIS	KTGELL	KIASD	LDIT	IKKAG	AWYSY	KDE			313														
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NTDB id 194 SPR RS08825 WP 001085462.1	RLDVRG	NTQIKGTG	.DQKETN	VGKETK	IKVVKNKV	VAPPF	KEAVV	EIMY	GEGIS	KTGELL	KIASD	LDIT	IKKAG	AWYSY	KDE			313														
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NTDB id 453 Spy49 1753c ACI62003.1	RLDVRG	TTQIKGTG	.DQKDSS	IGKETK	IKVVKNKV	VAPPF	KVAEV	EIMY	GEGIS	RGTGEL	VKIASD	LDIT	IKKAG	AWF	SYNGE			313														
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NTDB id 1245 Cj1673c YP 002345041.1	RLDVRK	VAT....	L.KQNE	EEPI	GNRV	KV	VVKNKV	VAPPF	RQAEF	D	V	M	F	G	E	L	S	R	EGELID	296												
NTDB id 1214 NCTC11637 00359 SQJ03206.1	RIDIRRIA	AA....	L.KQNE	EQHIGN	RAKA	IKVVKNKV	VAPPF	REAEF	D	IM	F	G	E	G	I	S	K	E	GEI	298												
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NTDB id 1389 A4U84 RS07560 WP 021112712.1	RLDIRRC	GV....	V.KDG	DEIIG	SETK	VVKNKV	VAPPF	REVQ	F	D	IMY	GEGIS	RW	NELL	ILAE	ANGF	IKKS	GAWF	SYDGT	312												
NTDB id 1427 RS RS02760 WP 011000510.1	RLDIRRI	GS....	I.KKG	DEVVGN	ETKV	VVKNKV	VAPPF	RE	A	I	F	D	ILY	GAG	V	S	REGEL	ID	LG	VEAK	VVEKS	GAWYSY	NGE	304								
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NTDB id 275448 CSB90 RS28130 WP 003092260.1	RLDIRRT	GA....	V.KEG	DEVVGS	ETRV	VVKNKV	S	PPFR	QAEF	Q	ILY	GK	G	I	Y	R	T	G	E	I	D	L	G	V	Q	L	G	VEK	KS	GAWYSY	QGS	295
NTDB id 1205 PSJM300 05545 AFN77183.1	RLDIRRT	GA....	V.KEG	DEVVGS	ETRV	VVKNKV	VAPPF	RQAEF	Q	ILY	GK	G	I	Y	R	N	G	E	I	D	L	G	V	Q	L	G	VEK	KS	GAWY	AY	KGS	295
consensus	!***!*			*	*	*	*	*****!***!!*****!*	*		*****!*	*****	*****	***	*****	!	!*****!															

logo

NTDB id 600 KW2 RS01765 WP 011675413.1	KIGQGA	EKAKNYLKEHQDV	DEIDHKVRAAHG	LDDSEVAETEEETT	...	AS	TKAKAKKEEKAVETEEIELELED	...	387		
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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	LEESEEEESAMAVAS	...	E	...	E	...	TDDLALDLDNGIE	375
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NTDB id 1211 C694 RS00795 WP 000963128.1	KLGGGR	ENAKALLKEDKALADE	ITLKI	KESIGSNEEIM	...	PLPDEP	...	LEEME	...	...	347
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NTDB id 1130 NGFG RS03960 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	LDKKLREMLLN	PENMQ	...	LIAETSSAA	...	DDVEFGAVP	...	EEF	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	KIGQGN	ANACKYLKENPEIAKT	LDKKLREMLLN	PENMQ	...	LIAETSSAA	...	DDVEFGAVP	...	EEF	354
NTDB id 1022 ACIAD RS06390 WP 004925639.1	KIGQGN	NVIRYLEENPQISTE	IEAVIREQLLTKASDQ	...	...	TA	...	AAHD.ETEE	...	EPDLL...E...S	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	KIGQGN	NVIRYFEENNQIAEE	IERNIREQLLTTGTNG	...	...	AVQI..EDEE	...	EPDLL	...	L...ES	349
NTDB id 275448 CSB90 RS28130 WP 003092260.1	KIGQGN	ANAAYLEDNPEIGSV	LEKTIIRDQLLAKSGPV	...	...	KADAE	...	EVADAEAD	...	...	346
NTDB id 1205 PSJM300 05545 AFN77183.1	KIGQGN	ANAAYLEENPEIGQ	EIEQQIRAKLLV	TSANT	...	KATPVA	...	EDLADADI	...	...	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 194 SPR RS08825 WP 001085462.1	IEIEE	388
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NTDB id 499 SM12261 RS08315 WP 078228268.1	IEIEE	384
NTDB id 527 SMSK321 RS11065 WP 001085454.1	IEIEE	384
NTDB id 408 SMU RS09530 WP 002262392.1	LED..	383
NTDB id 453 Spy49 1753c ACI62003.1	IED..	378
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
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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
NTDB id 1124 NGFG RS03960 WP 003688695.1		348
NTDB id 1123 OK783 RS03845 WP 003688695.1		348
NTDB id 1389 A4U84 RS07560 WP 021112712.1		372
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NTDB id 275448 CSB90 RS28130 WP 003092260.1		346
NTDB id 1205 PSJM300 05545 AFN77183.1		347
consensus		

-  non conserved
-  similar
-  ≥ 50% conserved