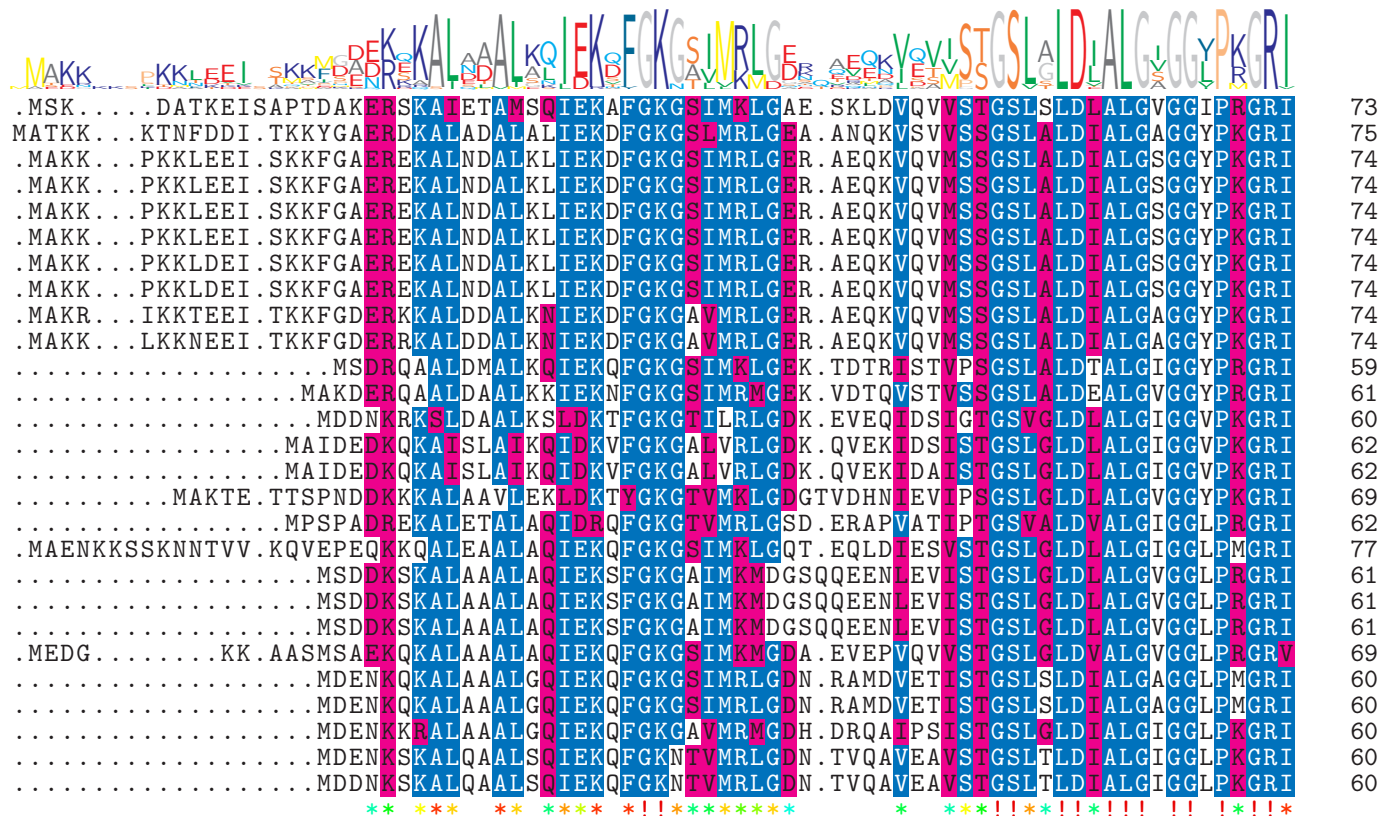


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NTDB id 1427 RS RS02760 WP 011000510.1
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NTDB id 1142 GTF74 RS11550 WP 000344154.1
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NTDB id 1074 ABD1 RS10195 WP 000344167.1
NTDB id 1022 ACIAD RS06390 WP 004925639.1
consensus

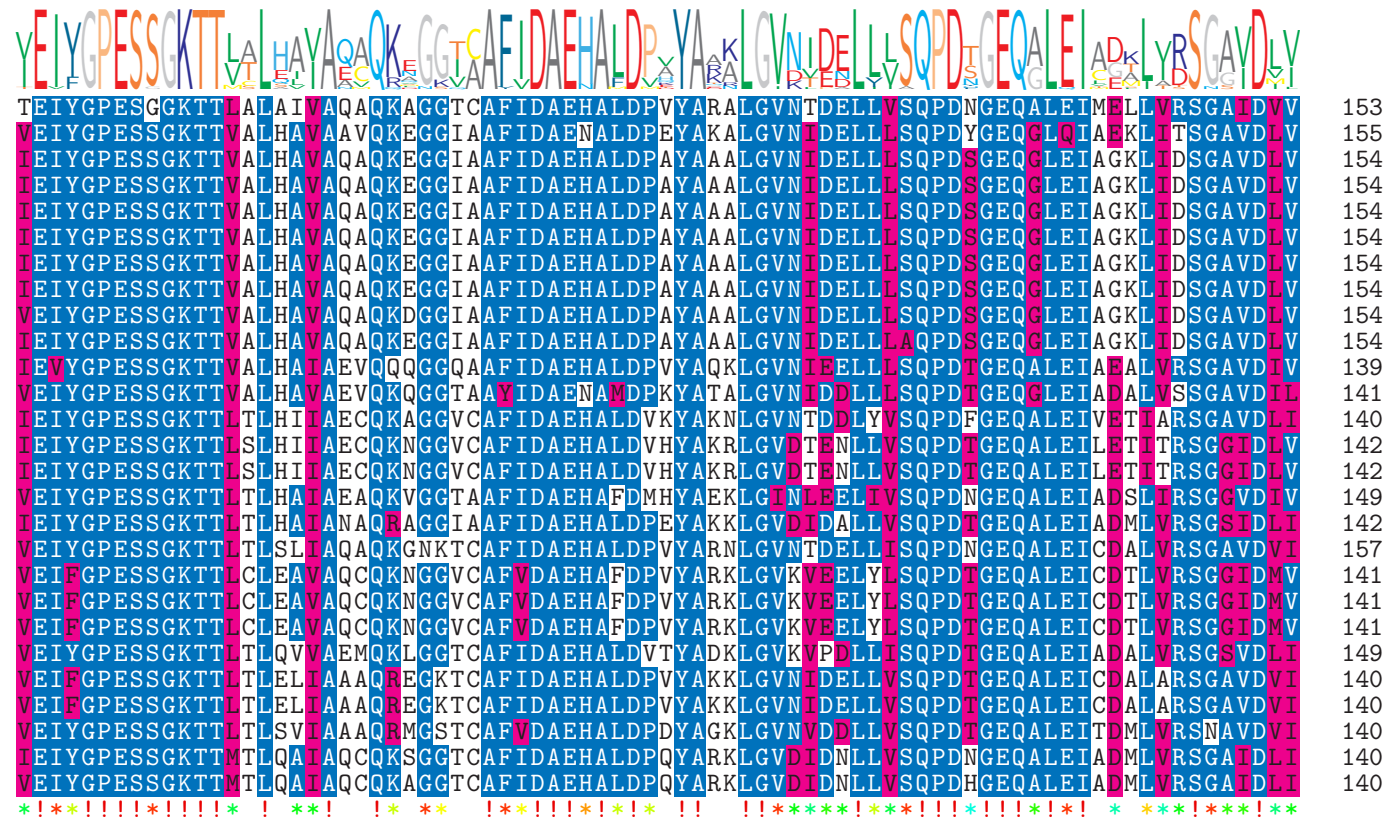
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consensus

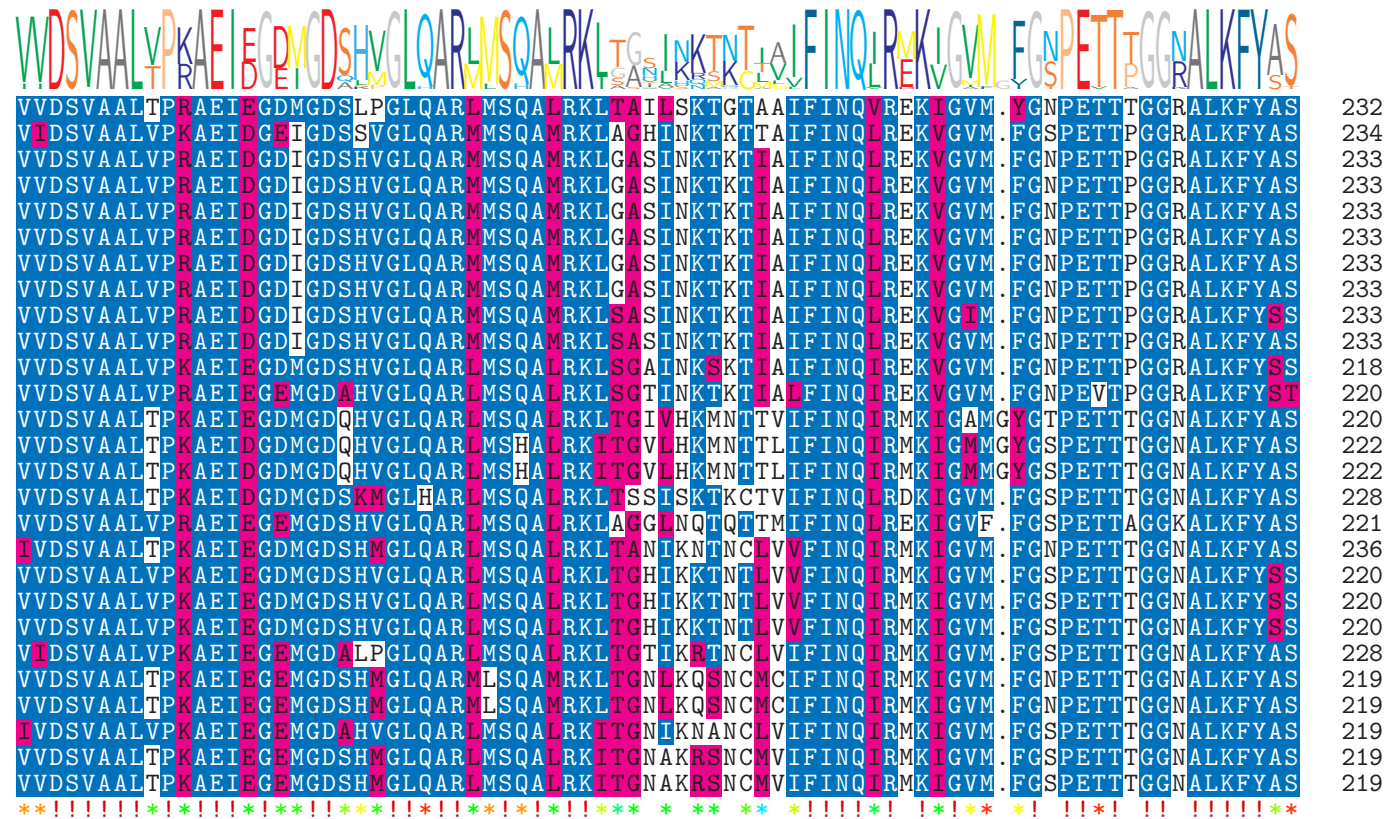
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NTDB id 1022 ACIAD RS06390 WP 004925639.1
consensus

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NTDB id 269 KZH43 RS08665 WP 001085462.1	VRLDVRG	NTQIKGTG	.DQKET	NVGKET	KIKVVKNKV	VAPPFK	EAVVE	I	MYGEGIS	KTGELL	KIASD	LDI	IKKAGAW	YSYKD	312																												
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NTDB id 159 SP RS09750 WP 001085462.1	VRLDVRG	NTQIKGTG	.DQKET	NVGKET	KIKVVKNKV	VAPPFK	EAVVE	I	MYGEGIS	KTGELL	KIASD	LDI	IKKAGAW	YSYKD	312																												
NTDB id 527 SMSK321 RS11065 WP 001085454.1	VRLDVRG	STQIKGTG	.DQKDT	NVGKET	KIKVVKNKV	VAPPFK	EAFVE	I	MYGEGIS	KTGELL	KIASD	LDI	IKKAGAW	YSYKD	312																												
NTDB id 499 SM12261 RS08315 WP 078228268.1	VRLDVRG	STQIKGTG	.DQKDT	NVGKET	KIKVVKNKV	VAPPFK	EAFVE	I	MYGEGIS	KTGELL	KIASD	LDI	IKKAGAW	YSYKD	312																												
NTDB id 408 SMU RS09530 WP 002262392.1	VRLDVRG	NTQIKGTG	.EQKDS	NIGKET	KIKVVKNKV	VAPPFK	EAFVE	I	IYGEGIS	RTGELV	KIASD	LGII	QKAGAW	YSYNG	312																												
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NTDB id 625 LCA RS02525 WP 011374196.1	VRLEVR	RAETIKNGT		DMIGN	RAIKIKVVKNKV	VAPPFK	VAEVD	I	MYGEGIS	RTGELV	DMAVE	KDI	INKSG	SWYSYGS	295																												
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NTDB id 1389 A4U84 RS07560 WP 021112712.1	VRLDIR	RCGV....V.KDG	DEI	IGSET	KVKVVKNKV	VAPPFR	REVQF	D	I	MYGEGIS	RMNELL	ILAE	ANGF	I	KKSGAW	FSYDG	311																										
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NTDB id 1123 OK783 RS03845 WP 003688695.1	VRLDIR	RTGS....I.KKG	EEVLGN	ETRV	KVKIKNKV	VAPPFR	QAEFD	I	LYGEGIS	WEGELI	DIGV	KNDI	INKSGA	WYSYNG	295																												
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NTDB id 1074 ABD1 RS10195 WP 000344167.1	VRLDIR	RIIGQ....V.KEG	DEIVG	SETK	V	KVVKNK	MAPPFK	E	A	I	FQ	I	LYGK	G	T	N	Q	L	G	E	L	V	D	L	A	V	Q	Q	D	I	V	Q	K	A	G	A	W	Y	S	Y	Q	G	294
NTDB id 1022 ACIAD RS06390 WP 004925639.1	VRLDIR	RIIGQ....V.KEG	DEIVG	SETK	V	KVVKNK	MAPPFR	E	A	I	FQ	I	LYGK	G	V	N	Q	L	G	E	L	V	D	L	A	V	Q	Q	N	I	V	Q	K	A	G	A	W	Y	S	Y	Q	G	294
consensus	!!****!	*	*	*	*	*	*	*	*****!!!!!!*!!*!!*	*	*****!!****	*****	***	***	!!****!																												

logo

NTDB id 1313 DR RS12030 WP 010888966.1	ERIGQGKEKTIA Y IAERP ME QEIRDRVMAAIRAGNAGEAPALAPAPA.A.....PEAAEA.....	363
NTDB id 600 KW2 RS01765 WP 011675413.1	EKIGQGA E KAK N YLKEHQDV F DEIDHKVRAAHGLDDSEVAETEEETTAS K TKAKAKKEEKAVETEEIELELED.....	387
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NTDB id 499 SM12261 RS08315 WP 078228268.1	EKIGQGS E NAKKYLADNPEIFDEIDHQVRVQFGLIDGEEIAE....SKKDE....AAQVDS..VNEEVTLDLGDELEIEI	382
NTDB id 408 SMU RS09530 WP 002262392.1	EKIGQGS E NAKKFLADNPEIFDDIDHKVVRVQYGLIEEDNTEEKQSSKEK.....ETDEK..ADKNLVLELDDTIELED	383
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NTDB id 1389 A4U84 RS07560 WP 021112712.1	TKIGQGGK N NAV K WLKENPEIADKLEQEIRNTLASNPNSVLKATASDSNDESD.VEEF.....SEEEL.....	372
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NTDB id 1142 GTF74 RS11550 WP 000344154.1	DKIGQGGKANACKYLKENPEIAKTLDKKLREMLLNPNENMLIAETSSAADDVE.FGAV.....PEEF.....	354
NTDB id 1205 PSJM300 05545 AFN77183.1	SKIGQGGKANA A KYLEENPEIGQEIEQQIRAKLLVTSANTKATPVAEDLADAD...I.....	347
NTDB id 1074 ABD1 RS10195 WP 000344167.1	NKIGQGGK N NVIRYFEENNQIAEEIERNIREQLLTGTNGAVQ.I.EDEEEDPD...LL.....LES.....	349
NTDB id 1022 ACIAD RS06390 WP 004925639.1	NKIGQGGK N NVIRYLEENPQISTEIEAVIREQLLTKASDQTAA.HDETEEEDPD...LL.....ES.....	349
consensus	***!!***** ** ***** ***** ** *	

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NTDB id 1313 DR RS12030 WP 010888966.1	..	363
NTDB id 600 KW2 RS01765 WP 011675413.1	..	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	EE	388
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NTDB id 115 BSU 16940 NP 389576.2	..	348
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NTDB id 1334 RAOC RS04870 WP 004918236.1	..	343
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NTDB id 1074 ABD1 RS10195 WP 000344167.1	..	349
NTDB id 1022 ACIAD RS06390 WP 004925639.1	..	349

consensus

 non conserved
 similar
 ≥ 50% conserved