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NTDB id 194 SPR RS08825 WP 001085462.1
NTDB id 159 SP RS09750 WP 001085462.1
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NTDB id 527 SMSK321 RS11065 WP 001085454.1
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NTDB id 1214 NCTC11637 00359 SQJ03206.1
NTDB id 1211 C694 RS00795 WP 000963128.1
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NTDB id 162175 AOA14 RS18060 WP 003050311.1
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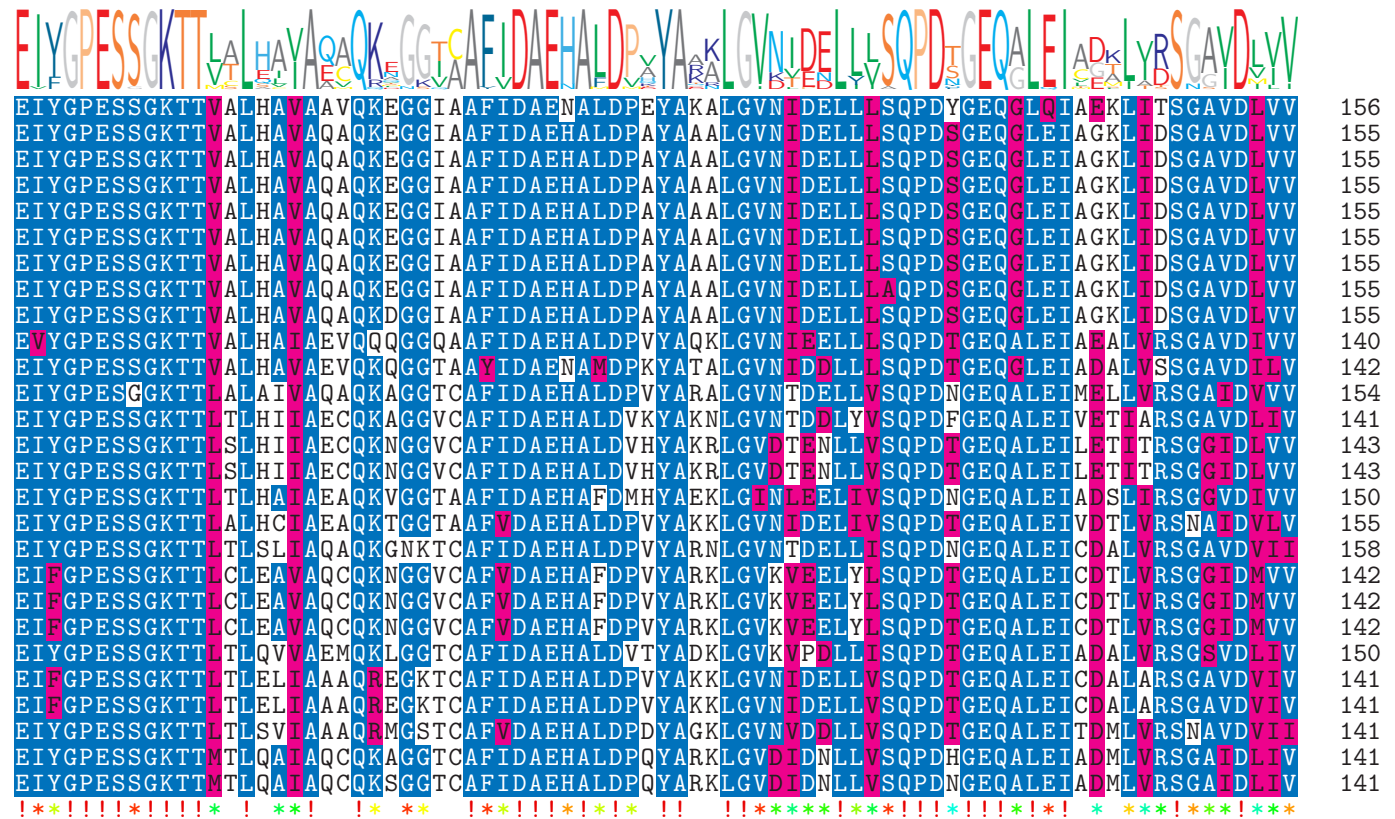
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NTDB id 1074 ABD1 RS10195 WP 000344167.1
consensus

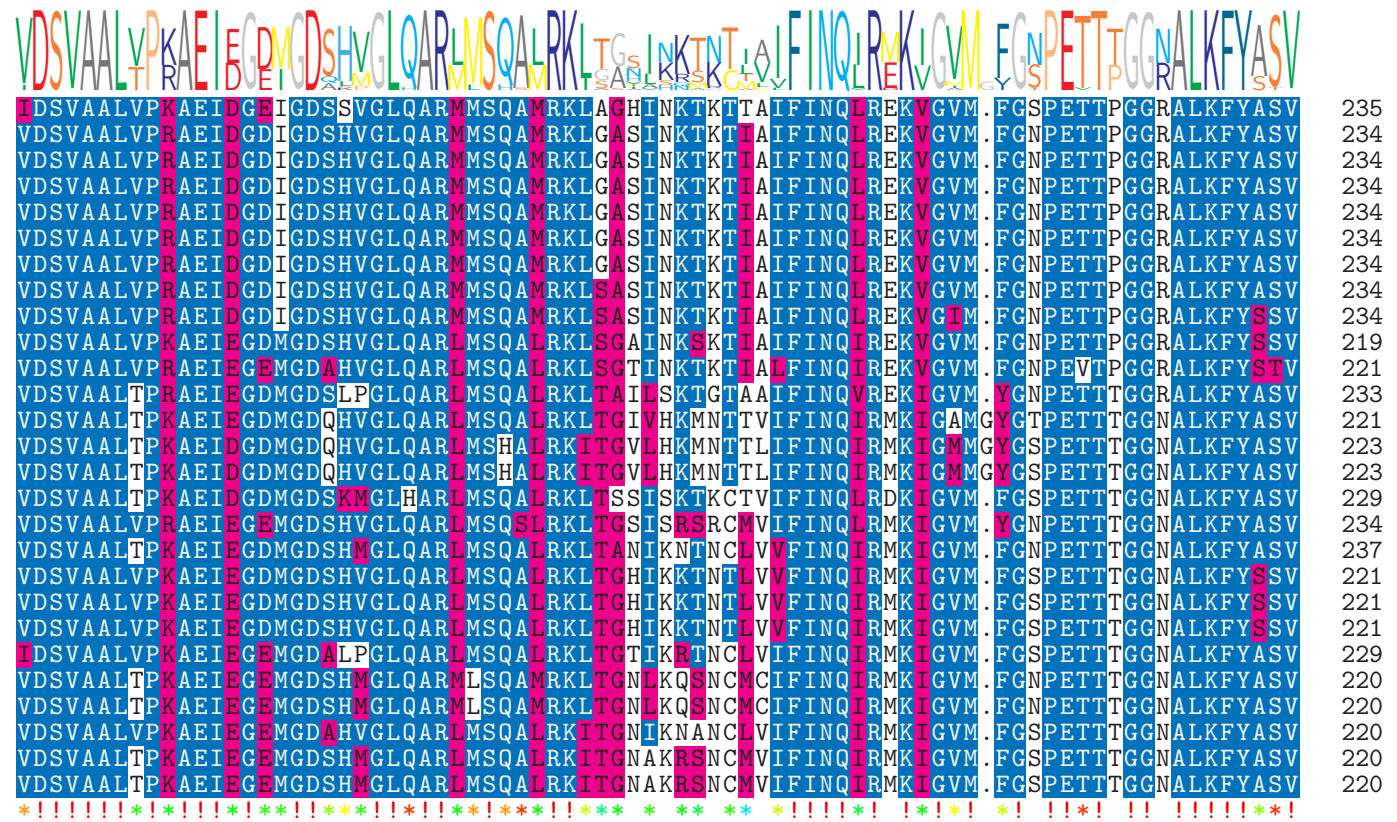
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NTDB id 1074 ABD1 RS10195 WP 000344167.1
consensus

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logo

NTDB id 600 KW2 RS01765 WP 011675413.1	RLDVRG	STKIEEGS	.GDNKTQ	IGKITK	IKVVKN	KVAPPF	KVALV	DIMF	GEGIS	STGEL	INTAVE	EETIKK	SGAW	FAYNDE	314	
NTDB id 269 KZH43 RS08665 WP 001085462.1	RLDVRG	NTQIKGTG	.DQKETN	VGKETK	IKVVKN	KVAPPF	KEAVV	EIMY	GEGIS	KTGEL	LKIASD	LDI	IKKAG	AWYSYKDE	313	
NTDB id 228 SPD RS09265 WP 001085462.1	RLDVRG	NTQIKGTG	.DQKETN	VGKETK	IKVVKN	KVAPPF	KEAVV	EIMY	GEGIS	KTGEL	LKIASD	LDI	IKKAG	AWYSYKDE	313	
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NTDB id 159 SP RS09750 WP 001085462.1	RLDVRG	NTQIKGTG	.DQKETN	VGKETK	IKVVKN	KVAPPF	KEAVV	EIMY	GEGIS	KTGEL	LKIASD	LDI	IKKAG	AWYSYKDE	313	
NTDB id 499 SM12261 RS08315 WP 078228268.1	RLDVRG	STQIKGTG	.DQKDTN	VGKETK	IKVVKN	KVAPPF	KEAFV	EIMY	GEGIS	KTGEL	LKIASD	LDI	IKKAG	AWYSYKDE	313	
NTDB id 527 SMSK321 RS11065 WP 001085454.1	RLDVRG	STQIKGTG	.DQKDTN	VGKETK	IKVVKN	KVAPPF	KEAFV	EIMY	GEGIS	KTGEL	LKIASD	LDI	IKKAG	AWYSYKDE	313	
NTDB id 453 Spy49 1753c ACI62003.1	RLDVRG	TQIKGTG	.DQKDS	IGKETK	IKVVKN	KVAPPF	KVAEV	EIMY	GEGIS	RTGEL	VKIASD	LDI	IKKAG	AWFSYNGE	313	
NTDB id 408 SMU RS09530 WP 002262392.1	RLDVRG	NTQIKGTG	.EQKDSN	IGKETK	IKVVKN	KVAPPF	KEAFV	EIIY	GEGIS	RTGEL	VKIASD	LGII	IKKAG	AWYSYNGE	313	
NTDB id 115 BSU 16940 NP 389576.2	RLEVRRA	AEQLKQGN	DVM	GNKTK	IKVVKN	KVAPPF	RTAEV	DIMY	GEGIS	KEGEI	IDL	GT	ELDIV	QKSGSWSYEEEE	294	
NTDB id 625 LCA RS02525 WP 011374196.1	RLEVRRA	ETIKNGT	DM	IGNRA	RIKVVKN	KVAPPF	KVAEV	DIMY	QG	GISRT	GELVD	MAVE	KDI	INKSGSWSYSGSE	296	
NTDB id 1313 DR RS12030 WP 010888966.1	RLDVRK	IG....QPT	KVGND	AVANT	VKI	IKTVKN	KVA	APFKE	VELAL	VYGK	GFDQL	SDLV	GLA	ADMDI	IKKAGSFYSYSGDE	309
NTDB id 1245 Cj1673c YP 002345041.1	RLDVRK	VVA....TLK	.QNEEP	IGNRV	KVKV	VKNKVAPPF	RQAEF	DVMF	GEGLS	REGEL	IDY	GV	KLDIV	DKSGAWFSYKDK	296	
NTDB id 1214 NCTC11637 00359 SQJ03206.1	RIDIRRIA	ALK	.QNEQH	IGNRA	KA	KVVKNKVAPPF	REA	AEFDIM	FGE	GISKEGEI	IDY	GV	KLDIV	DKSGAWLSYQDK	298	
NTDB id 1211 C694 RS00795 WP 000963128.1	RIDIRRIA	SLK	.QNEQH	IGNRA	KA	KVVKNKVAPPF	REA	AEFDIM	FGE	GISKEGEI	IDY	GV	KLDIV	DKSGAWLSYQDK	298	
NTDB id 1334 RAOC RS04870 WP 004918236.1	RIDIRRS	LSDTGKIK	DKSGEV	IGNRT	TKV	VVKNKVAPPF	KS	AEFDIM	YGE	VSKVGE	ILDV	ATD	LDI	IKKSGSWSYSGQDT	309	
NTDB id 162175 AOA14 RS18060 WP 003050311.1	RLDIRRT	G....QIK	.DRDEI	VGNT	TRV	VVKNKVAPPF	KQVEF	DIMY	QG	GISKIGE	ILD	DL	GV	KAGLVEKSGAWFSYDSI	309	
NTDB id 1389 A4U84 RS07560 WP 021112712.1	RLDIRRC	G....VVK	.DGDEI	IGSET	KV	VVKNKVAPPF	REVQ	FDIMY	GEGIS	RMNELL	ILAE	ANGF	IKKSG	AWFSYDGT	312	
NTDB id 1130 NGFG RS03960 WP 003688695.1	RLDIRRT	G....SIK	.KGEEV	LGNET	RVKVI	KNKVAPPF	RQAEF	DILY	GEGIS	WEGEL	IDIG	VKN	DI	INKSGAWSYNGA	296	
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NTDB id 1123 OK783 RS03845 WP 003688695.1	RLDIRRT	G....SIK	.KGEEV	LGNET	RVKVI	KNKVAPPF	RQAEF	DILY	GEGIS	WEGEL	IDIG	VKN	DI	INKSGAWSYNGA	296	
NTDB id 1427 RS RS02760 WP 011000510.1	RLDIRRI	G....SIK	.KGDEV	VGNET	KV	VVKNKVAPPF	REA	IFDILY	GAGVS	REGEI	IDL	GV	EAKV	VEKSGAWSYNGE	304	
NTDB id 1165 A1552VC RS01565 WP 000344154.1	RLDIRRT	G....AIK	.EGEEV	VGNET	RIK	VVKNKIA	APFKE	ANTQIMY	QG	GFN	REGEL	IDL	GV	VKHKMVEKSGAWSYNGD	295	
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NTDB id 1074 ABD1 RS10195 WP 000344167.1	RLDIRRI	G....QVK	.EGDEI	VGSET	KV	VVKNKM	MAPPF	KEA	IFQILY	GKGT	NQL	LGEL	VDL	AVQQDIV	QKAGAWYSYQGN	295
consensus	!***!*		*	**	*****!***!!*!!*!!*	*		*****!*	*****	*****	***	***	! !*****!			

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NTDB id 1074 ABD1 RS10195 WP 000344167.1
consensus

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Sequence	Score
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KIGQGSSENAKKYLAEHPEIFDEIDKQVRSKFGGLIDGEEVSEQD...TENKKDE...PKKEEA..VNEEVPLDLGDELEI	384
KIGQGSSENAKKYLAEHPEIFDEIDKQVRSKFGGLIDGEEVSEQD...TENKKDE...PKKEEA..VNEEVPLDLGDELEI	384
KIGQGSSENAKKYLAADNPEIFDEIDHQVVRVQFGLIDGEEIAES.....KKDE...AAQVDS..VNEEVTLDLGDELEI	380
KIGQGSSENAKKYLAADNPEVFAEIDHQVVRVQFGLIDGEEAAES.....KKDE...VAQVDS..VNEEVTLDLGDELEI	380
KIGQGSSENAKRYLADHPQLFDEIDRKVRVKFGLLEESEESAM...AVASE.....E.....TDDLALDLNGIEI	376
KIGQGSSENAKKFLADNPEIFFDDIDHKVVRVQYGLIEEDNTEEKQ...SSKEK.....ETDEK..ADKNLVLELDDTIEL	381
RLGQGRENAKQFLKENKDIMLMIQEQUIREHYGLDNGVQVQQA...EETQEEL.EFE.E.....	348
RIGQGRENAKNYLADHEDVEDEVRLKVRAAYGISDVPPEEDLPT...TEDE.QI.NILPDDST.....EE.....	355
RIGQGKEKTIAIYIAERPEMEQEIHDRVMAAIRAGNAGEAPALAPAPAAPEAAEA.....	363
KLGGRENSKAFLENKEPIADEITKAIQNSMGIEGMISG..SE..DD..EGEE.....	343
KLGGGRENAKALLKEDKALADEITLKIKESIGSNEEIMP..LP..DE..PLEEM.....E.....	347
KLGGGRENAKALLKEDKALADEITLKIKESIGSNEEIMP..LP..DE..PLEEM.....E.....	347
KLGGGRDITVKELIKDNPELAELEAKIREKLQAK.....	343
RIGQGRENAKNFLTENPELMERLEKAIIRSRTDAVAEEM..TG..P...DADDDDI.....	358
KIGQKKNNAVKWLKENPEIADKLQEIRNTLASNPNSVL..KA..TASDSNDESVDVEEF.....SEEL.....	372
KIGQKKDNVRVWLKENPEISDEIDAKIRALNGVEMHITE..GT.....QDETGDGER.....PEE.....	348
KIGQKKDNVRVWLKENPEISDEIDAKIRALNGVEMHITE..GT.....QDETGDGER.....PEE.....	348
KIGQKKDNVRVWLKENPEISDEIDAKIRALNGVEMHITE..GT.....QDETGDGER.....PEE.....	348
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logo

NTDB id 600 KW2 RS01765 WP 011675413.1		387
NTDB id 269 KZH43 RS08665 WP 001085462.1	EIEE	388
NTDB id 228 SPD RS09265 WP 001085462.1	EIEE	388
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NTDB id 1022 ACIAD RS06390 WP 004925639.1		349
NTDB id 1074 ABD1 RS10195 WP 000344167.1		349

consensus

 non conserved
 similar
 ≥ 50% conserved