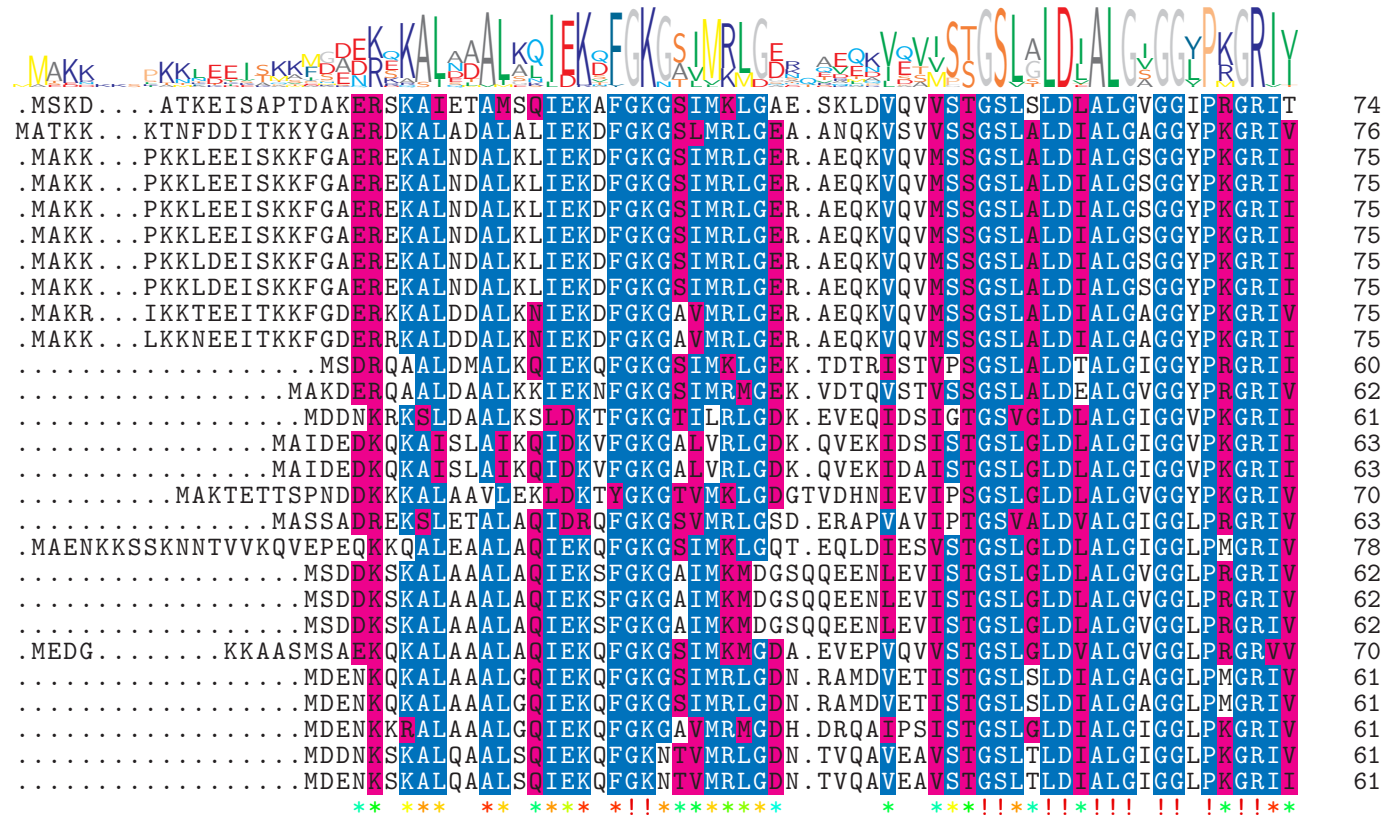


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NTDB id 1074 ABD1 RS10195 WP 000344167.1
consensus

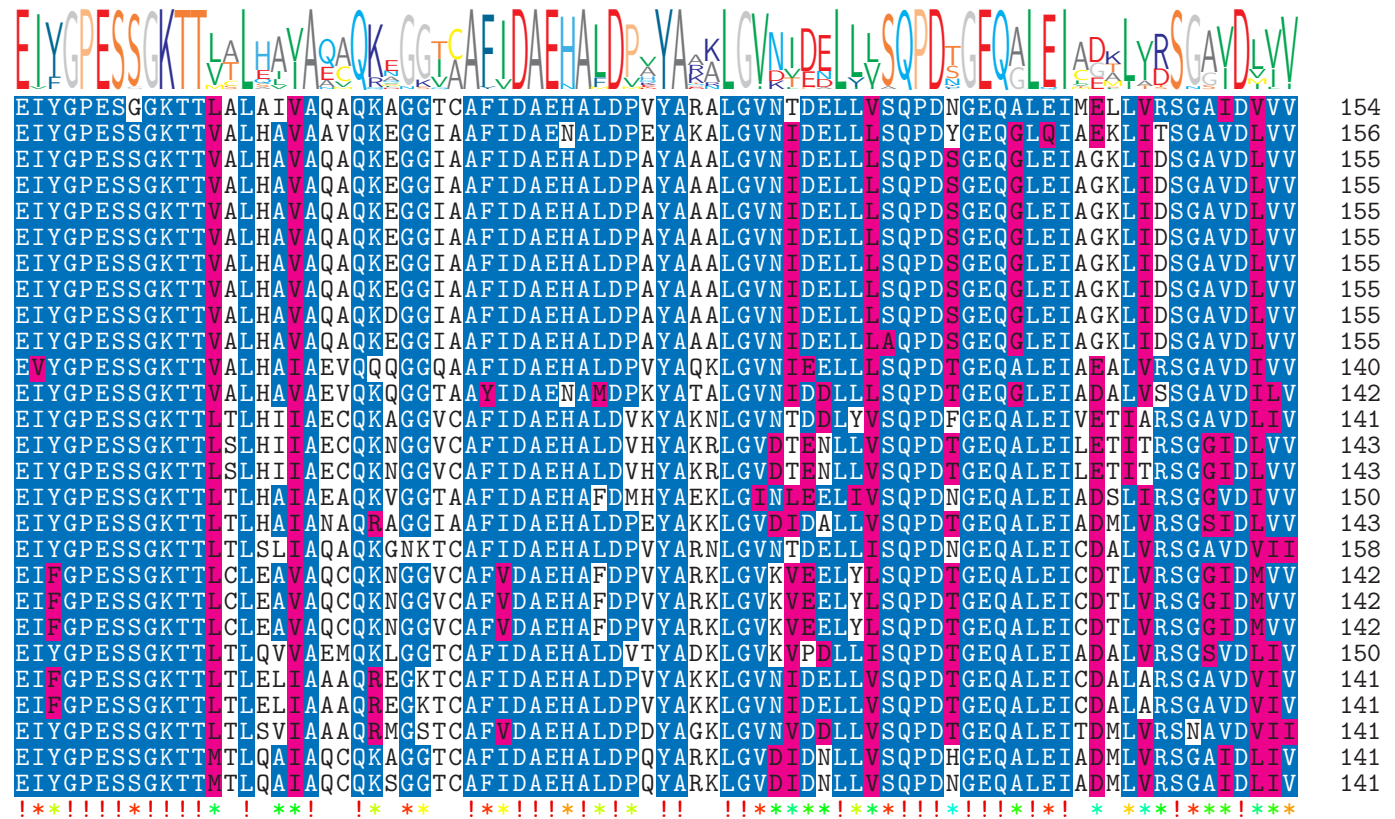
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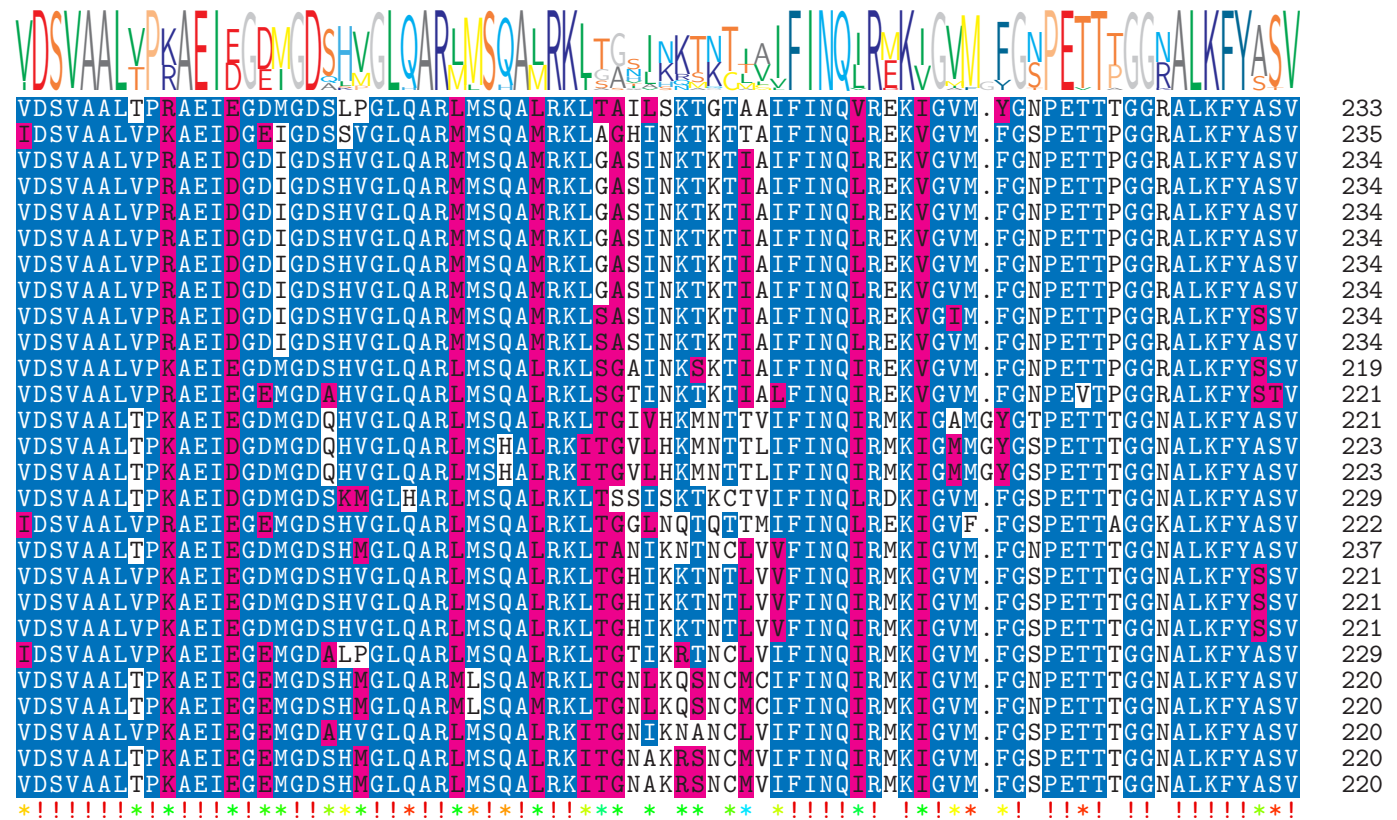
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consensus

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consensus



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NTDB id 1313 DR RS12030 WP 010888966.1	RLDVRKIGQ...PTKVGND	AVANTV	KIKTVKNKV	APPFKE	VELALVY	GKGF	QDLS	DLVGL	AADMD	IT	KKAGS	FYSY	GDE	309	
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NTDB id 194 SPR RS08825 WP 001085462.1	RLDVRGNTQIKGTG.DQKETN	VGKETK	IKVVKNKV	APPFKE	AVVEIMY	GEGIS	KTGEL	LKIAS	DLDI	IKKAG	AWYSY	KDE	313		
NTDB id 159 SP RS09750 WP 001085462.1	RLDVRGNTQIKGTG.DQKETN	VGKETK	IKVVKNKV	APPFKE	AVVEIMY	GEGIS	KTGEL	LKIAS	DLDI	IKKAG	AWYSY	KDE	313		
NTDB id 499 SM12261 RS08315 WP 078228268.1	RLDVRGSTQIKGTG.DQKDTN	VGKETK	IKVVKNKV	APPFKE	AFVEIMY	GEGIS	KTGEL	LKIAS	DLDI	IKKAG	AWYSY	KDE	313		
NTDB id 527 SMSK321 RS11065 WP 001085454.1	RLDVRGSTQIKGTG.DQKDTN	VGKETK	IKVVKNKV	APPFKE	AFVEIMY	GEGIS	KTGEL	LKIAS	DLDI	IKKAG	AWYSY	KDE	313		
NTDB id 408 SMU RS09530 WP 002262392.1	RLDVRGNTQIKGTG.EQKDSN	IGKETK	IKVVKNKV	APPFKE	AFVEI	IYGEGIS	RTGEL	VKIAS	DLGI	IQKAG	AWYSY	NGE	313		
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NTDB id 1211 C694 RS00795 WP 000963128.1	RIDIRRIAS....L.KQNEQH	IGNRAK	AKVVKNKV	APPFRE	AEFDIM	FGE	GISKEGE	IIDYGV	KLDIV	DKSG	AWLSY	QDK	298		
NTDB id 1214 NCTC11637 00359 SQJ03206.1	RIDIRRIAA....L.KQNEQH	IGNRAK	AKVVKNKV	APPFRE	AEFDIM	FGE	GISKEGE	IIDYGV	KLDIV	DKSG	AWLSY	QDK	298		
NTDB id 1334 RAOC RS04870 WP 004918236.1	RIDIRRSLSDTGKIKDKSGEV	IGNRTK	VVVKNKV	APPFK	SAEFDIMY	GEGVSK	VGEILD	VATD	LDII	IQKSG	SWF	SYQDT	309		
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NTDB id 1123 OK783 RS03845 WP 003688695.1	RLDIRRTGS....I.KKGE	EVLGN	ETRVKVI	KNKVAP	PFRAE	AFDILY	GEGIS	WEGEL	IDIGV	KNDII	INKSG	AWSY	NGA	296	
NTDB id 1427 RS RS02760 WP 011000510.1	RLDIRRIGS....I.KKGE	DEVVGN	ETKVVVKNKV	APPFRE	AI	FDILY	GAGVS	REGEI	IDL	GV	EAKV	VEKSG	AWSY	NGE	304
NTDB id 1165 A1552VC RS01565 WP 000344154.1	RLDIRRTGA....I.KEGE	EEVVG	NETRIKVVKNK	IAAPFKE	ANTQIMY	GQGF	NREGEL	IDL	GVKHK	MVEK	SG	AWSY	NGD	295	
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consensus	!***!*	*	**	*****!***!!*!!*!!*	*	*****!*!***	*****	***	***	! !***!					

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NTDB id 408 SMU RS09530 WP 002262392.1	KIGQGSENAKKFLADNPEIF	DDIDHKVVRVQYGLIEEDNTEEEKQSSKEK.....ETDEK..ADKNLVLELDDTIELED	383	
NTDB id 453 Spy49 1753c ACI62003.1	KIGQGSENAKRYLADHPQLF	DEIDRKVRVKFGLLEESEESAMAVASE.....E.....TDDLALDLNNGIEIED	378	
NTDB id 115 BSU 16940 NP 389576.2	RLGQGR	ENAKQFLKENKDIMLMIQEQIREHYGLDNNGVVQQQAETQEEL.EF.E.E.....	348	
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NTDB id 1165 A1552VC RS01565 WP 000344154.1	KIGQGG	KANACKYLKENPEIAKTLDKKLREMLLNPENMQLIAETSSAAD	DVEFGAVPEEF.....	354
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NTDB id 1074 ABD1 RS10195 WP 000344167.1	KIGQGG	KNNVIRYFEENNQIAEEIERNIREQLLTGTNGAVQ.I.EDEEEPDLL..LES.....	349	
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NTDB id 269 KZH43 RS08665 WP 001085462.1	EE	388	
NTDB id 228 SPD RS09265 WP 001085462.1	EE	388	
NTDB id 194 SPR RS08825 WP 001085462.1	EE	388	
NTDB id 159 SP RS09750 WP 001085462.1	EE	388	
NTDB id 499 SM12261 RS08315 WP 078228268.1	EE	384	
NTDB id 527 SMSK321 RS11065 WP 001085454.1	EE	384	
NTDB id 408 SMU RS09530 WP 002262392.1	..	383	
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NTDB id 115 BSU 16940 NP 389576.2	..	348	
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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