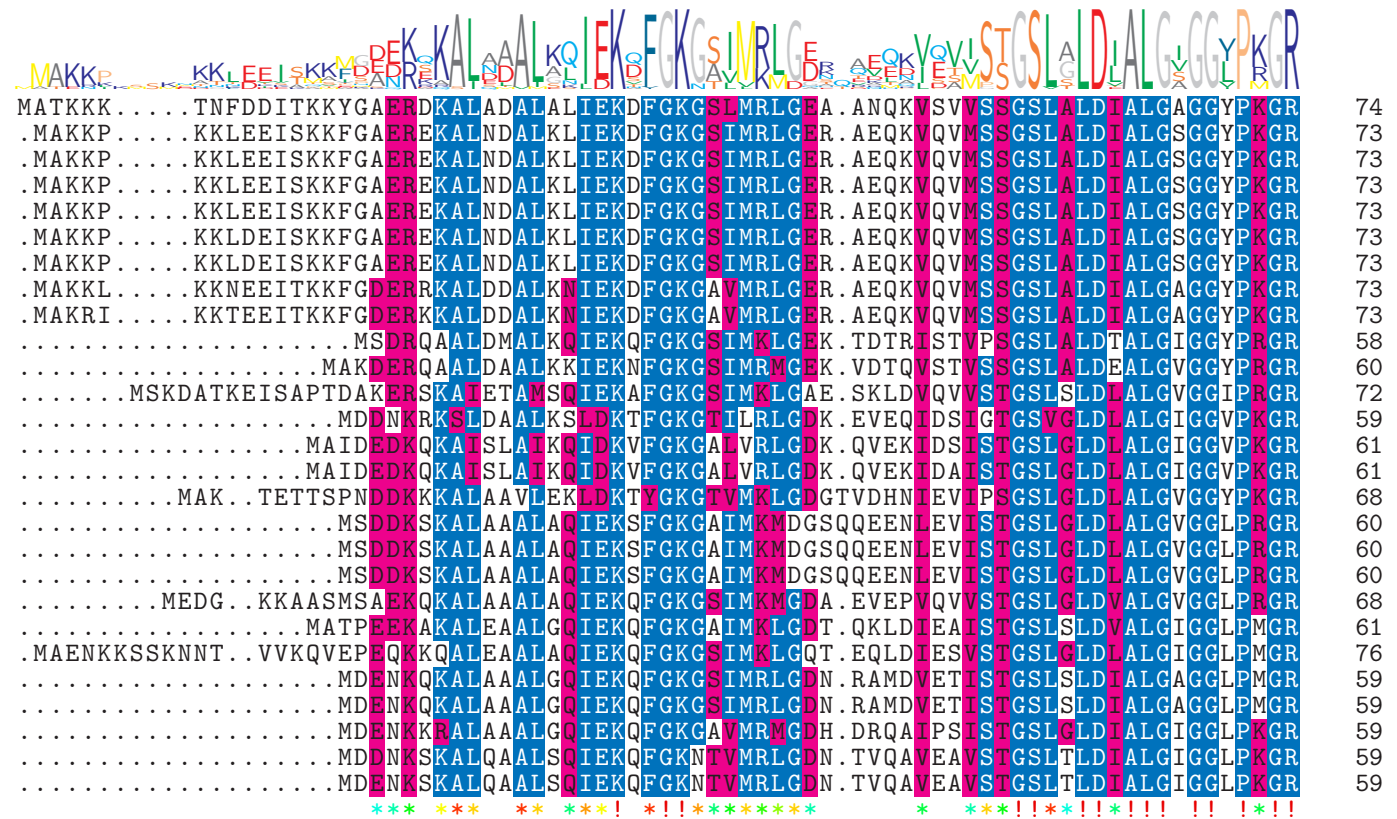


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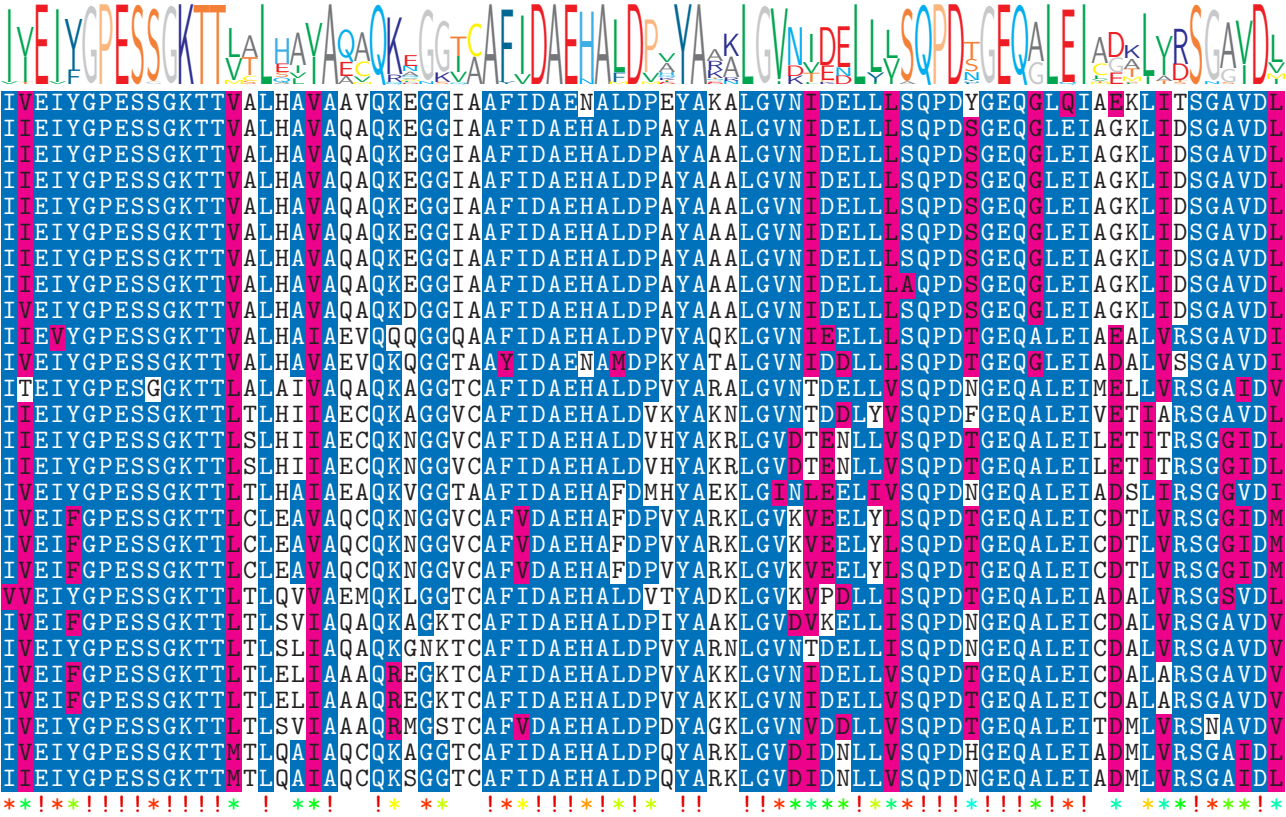
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consensus

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consensus



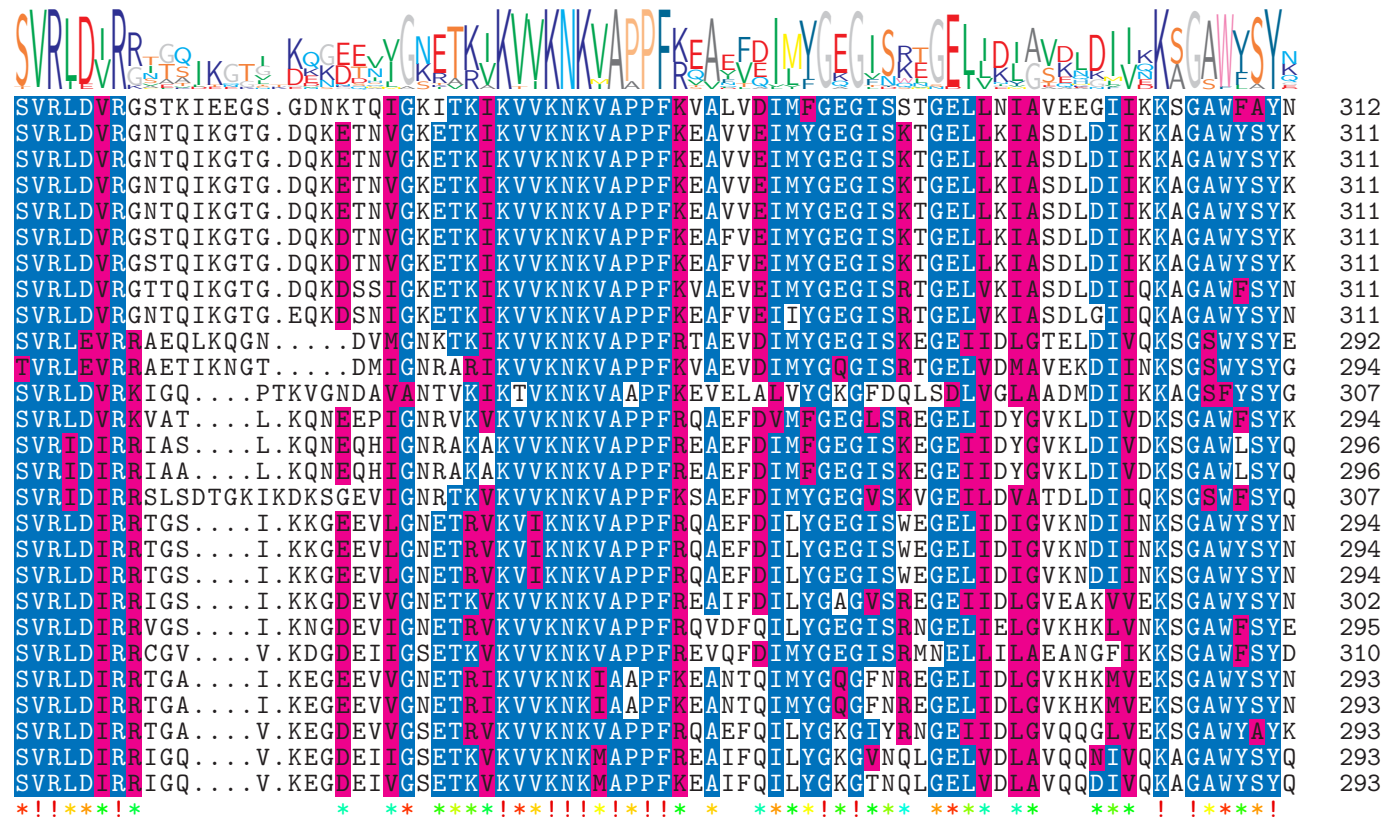
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NTDB	id	269	KZH43	RS08665	WP	001085462.1	VVV	DSVAALV	PRAEI	DGDI	GDShVGLQAR	MSQAMRKL	AGS	INKTKT	TA	IFINQLREK	VGVM	.FGNP	PETTP	GGRA	LKFYA	232		
NTDB	id	228	SPD	RS09265	WP	001085462.1	VVV	DSVAALV	PRAEI	DGDI	GDShVGLQAR	MSQAMRKL	AGS	INKTKT	TA	IFINQLREK	VGVM	.FGNP	PETTP	GGRA	LKFYA	232		
NTDB	id	194	SPR	RS08825	WP	001085462.1	VVV	DSVAALV	PRAEI	DGDI	GDShVGLQAR	MSQAMRKL	AGS	INKTKT	TA	IFINQLREK	VGVM	.FGNP	PETTP	GGRA	LKFYA	232		
NTDB	id	159	SP	RS09750	WP	001085462.1	VVV	DSVAALV	PRAEI	DGDI	GDShVGLQAR	MSQAMRKL	AGS	INKTKT	TA	IFINQLREK	VGVM	.FGNP	PETTP	GGRA	LKFYA	232		
NTDB	id	527	SMSK321	RS11065	WP	001085454.1	VVV	DSVAALV	PRAEI	DGDI	GDShVGLQAR	MSQAMRKL	AGS	INKTKT	TA	IFINQLREK	VGVM	.FGNP	PETTP	GGRA	LKFYA	232		
NTDB	id	499	SM12261	RS08315	WP	078228268.1	VVV	DSVAALV	PRAEI	DGDI	GDShVGLQAR	MSQAMRKL	AGS	INKTKT	TA	IFINQLREK	VGVM	.FGNP	PETTP	GGRA	LKFYA	232		
NTDB	id	453	Spy49	1753c	ACI	62003.1	VVV	DSVAALV	PRAEI	DGDI	GDShVGLQAR	MSQAMRKL	SAS	INKTKT	TA	IFINQLREK	VGVM	.FGNP	PETTP	GGRA	LKFYA	232		
NTDB	id	408	SMU	RS09530	WP	002262392.1	VVV	DSVAALV	PRAEI	DGDI	GDShVGLQAR	MSQAMRKL	SAS	INKTKT	TA	IFINQLREK	VGIM	.FGNP	PETTP	GGRA	LKFYS	232		
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NTDB	id	625	LCA	RS02525	WP	011374196.1	LV	DSVAALV	PRAEI	EGEM	GD	AHVGLQAR	LSQALRKL	SGT	INKTKT	TA	LFINQIREK	VGVM	.FGNPE	VTP	GGRA	LKFYS	219	
NTDB	id	1313	DR	RS12030	WP	010888966.1	VVV	DSVAAL	TPRAEI	EGDM	GD	SLPGLQAR	LSQALRKL	TA	ILSKTGT	AA	IFINQVREK	IGVM	.YGN	PETTT	GGRA	LKFYA	231	
NTDB	id	1245	Cj1673c	YP	002345041.1	IV	VDSVAAL	TPKAEI	EGDM	GD	QHVGLQAR	LSQALRKL	TG	IVHKMNT	TV	IFINQ	IRMKIGAM	GYGT	PETTT	GGN	ALKFYA	219		
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NTDB	id	1124	NGFG	RS03960	WP	003688695.1	VVV	DSVAALV	PKAEI	EGDM	GD	SHVGLQAR	LSQALRKL	TGH	IKKTNT	LV	VFINQ	IRMKIGVM	.FGSP	PETTT	GGN	ALKFYS	219	
NTDB	id	1123	OK783	RS03845	WP	003688695.1	VVV	DSVAALV	PKAEI	EGDM	GD	SHVGLQAR	LSQALRKL	TGH	IKKTNT	LV	VFINQ	IRMKIGVM	.FGSP	PETTT	GGN	ALKFYS	219	
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NTDB	id	379864	FWK48	RS06990	WP	132994771.1	IV	IDSVAAL	TPKAEI	EGEM	GD	THVGLQAR	LSQALRKL	TG	IKNSNCL	V	VFINQ	IRMKIGV	V	.FGNP	PETTT	GGN	ALKF	

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NTDB id 1074 ABD1 RS10195 WP 000344167.1
consensus

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NTDB id 194 SPR RS08825 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTEN	.KKDE...	PKKEEA..VNEEVPLDLGDELEI	384	
NTDB id 159 SP RS09750 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTEN	.KKDE...	PKKEEA..VNEEVPLDLGDELEI	384	
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NTDB id 1214 NCTC11637 00359 SQJ03206.1	DKKLGGG	RENAKALLKEDKA	LADAITLKIKESIG	SNEEIMP..LPDEPLEEME			347	
NTDB id 1334 RAOC RS04870 WP 004918236.1	DTKLGGG	RDTVKELIKDNPE	LAELEAKIREKLQAK				343	
NTDB id 1130 NGFG RS03960 WP 003688695.1	GAKIGQG	KDNVRVWLKENPEIS	DEIDAKIRALNGV	EMHITE..GTQDET	D.....GERP.....	EE.....	348	
NTDB id 1124 NGFG RS03960 WP 003688695.1	GAKIGQG	KDNVRVWLKENPEIS	DEIDAKIRALNGV	EMHITE..GTQDET	D.....GERP.....	EE.....	348	
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NTDB id 1165 A1552VC RS01565 WP 000344154.1	GDKIGQG	KANACKYLVKENPEI	AKTLDKKLREMLLN	PENMQL..IAETSSAADD	VEFGAVP.....	EEF.....	354	
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consensus	***!!!	*****	***	*	***	*****	***	***

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consensus

 non conserved
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 ≥ 50% conserved