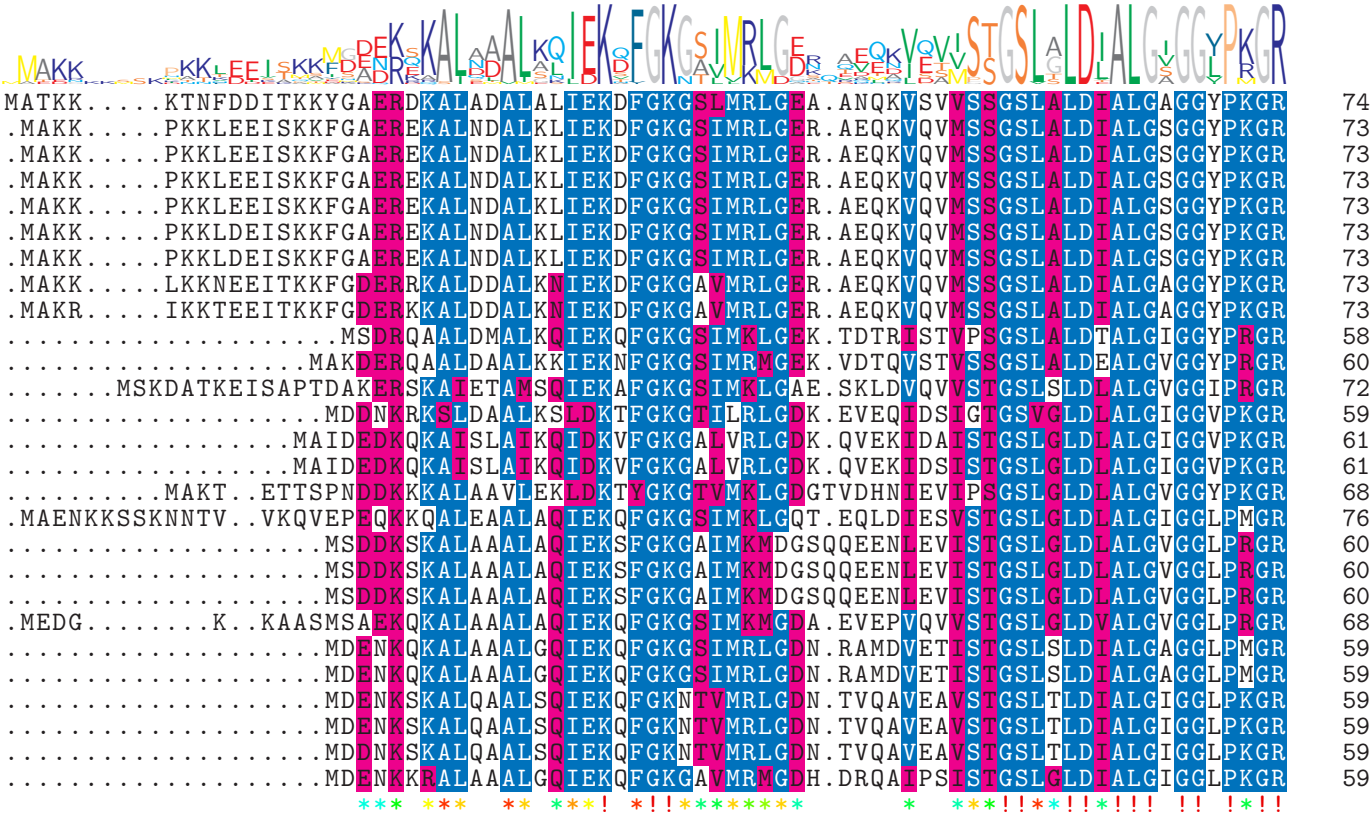


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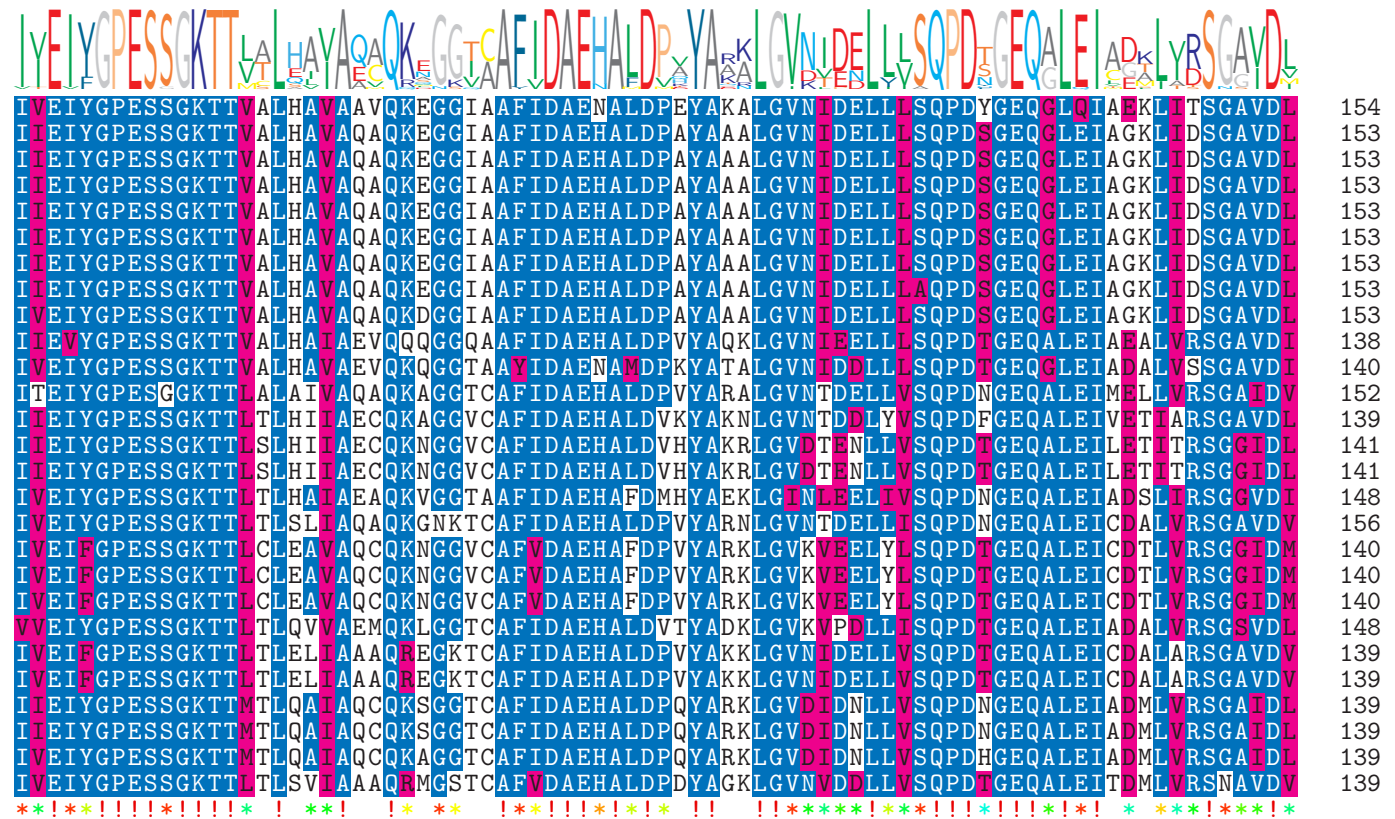
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consensus

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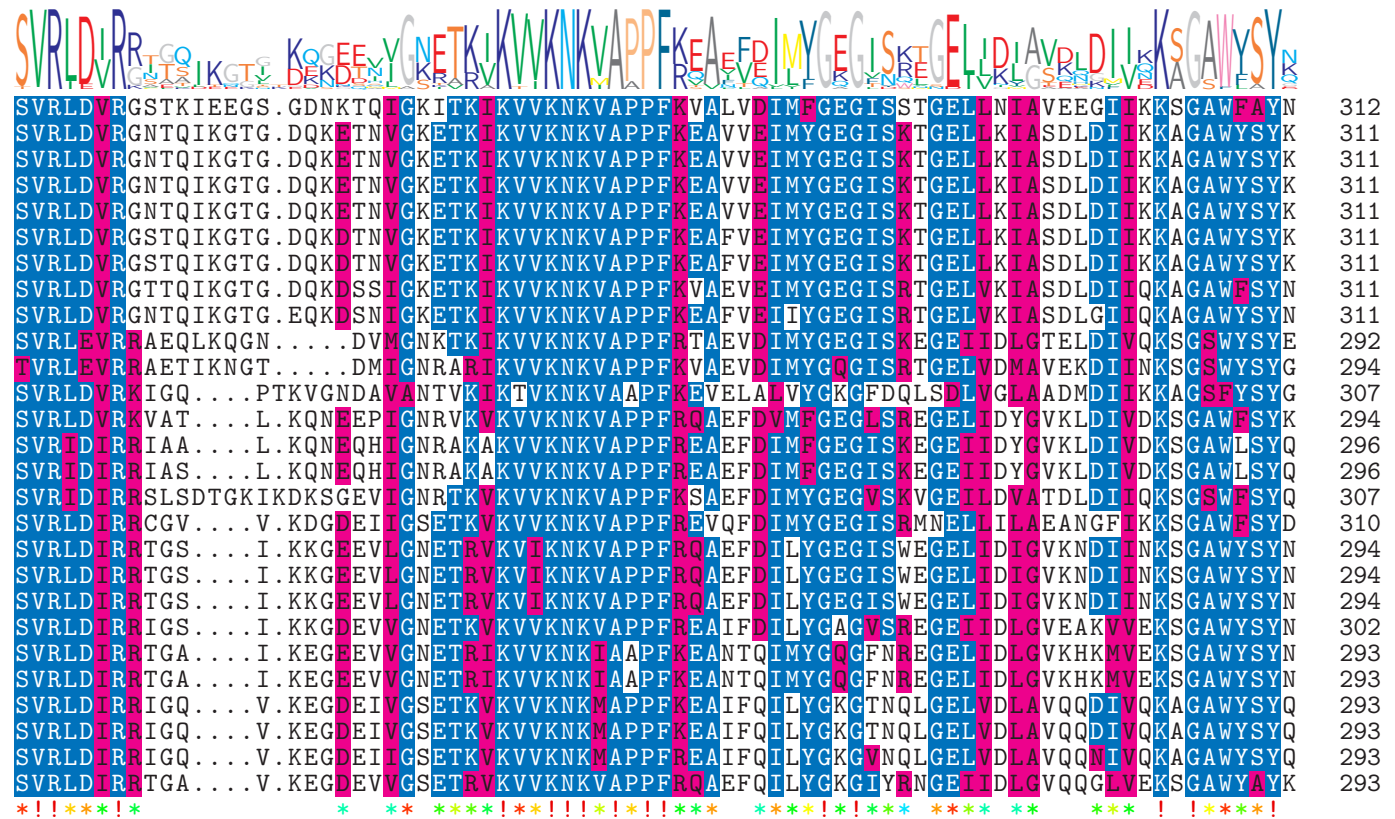


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NTDB	id	228	SPD	RS09265	WP	001085462.1	VVV	DSVAALV	PRAEI	DGDI	GDShVGLQAR	MMSQAMRKL	AGAS	INKTKT	TA	IFINQLREK	VGVM	.FGNP	PETTP	GGRA	LKFYA	232				
NTDB	id	194	SPR	RS08825	WP	001085462.1	VVV	DSVAALV	PRAEI	DGDI	GDShVGLQAR	MMSQAMRKL	AGAS	INKTKT	TA	IFINQLREK	VGVM	.FGNP	PETTP	GGRA	LKFYA	232				
NTDB	id	159	SP	RS09750	WP	001085462.1	VVV	DSVAALV	PRAEI	DGDI	GDShVGLQAR	MMSQAMRKL	AGAS	INKTKT	TA	IFINQLREK	VGVM	.FGNP	PETTP	GGRA	LKFYA	232				
NTDB	id	527	SMSK321	RS11065	WP	001085454.1	VVV	DSVAALV	PRAEI	DGDI	GDShVGLQAR	MMSQAMRKL	AGAS	INKTKT	TA	IFINQLREK	VGVM	.FGNP	PETTP	GGRA	LKFYA	232				
NTDB	id	499	SM12261	RS08315	WP	078228268.1	VVV	DSVAALV	PRAEI	DGDI	GDShVGLQAR	MMSQAMRKL	AGAS	INKTKT	TA	IFINQLREK	VGVM	.FGNP	PETTP	GGRA	LKFYA	232				
NTDB	id	453	Spy49	1753c	ACI	62003.1	VVV	DSVAALV	PRAEI	DGDI	GDShVGLQAR	MMSQAMRKL	SAS	INKTKT	TA	IFINQLREK	VGVM	.FGNP	PETTP	GGRA	LKFYA	232				
NTDB	id	408	SMU	RS09530	WP	002262392.1	VVV	DSVAALV	PRAEI	DGDI	GDShVGLQAR	MMSQAMRKL	SAS	INKTKT	TA	IFINQLREK	VGIM	.FGNP	PETTP	GGRA	LKFYS	232				
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NTDB	id	1245	Cj1673c	YP	002345041.1	IV	VDSVAAL	TPKAEI	EGDM	MGDQ	HVGLQAR	LSQALRKL	TG	IVHKMNT	TV	IFINQ	IRMKIGAM	GYGT	PETTT	GGN	NAL	KFYA	219			
NTDB	id	1214	NCTC11637	00359	SQJ	03206.1	VVV	DSVAAL	TPKAEI	DGDM	MGDQ	HVGLQAR	LSH	ALRKIT	GV	LHKMNT	TL	IFINQ	IRMKIGM	MGY	GS	PETTT	GGN	NAL	KFYA	221
NTDB	id	1211	C694	RS00795	WP	000963128.1	VVV	DSVAAL	TPKAEI	DGDM	MGDQ	HVGLQAR	LSH	ALRKIT	GV	LHKMNT	TL	IFINQ	IRMKIGM	MGY	GS	PETTT	GGN	NAL	KFYA	221
NTDB	id	1334	RAOC	RS04870	WP	004918236.1	VVV	DSVAAL	TPKAEI	DGDM	GD	SMGLHAR	LSQALRKL	TSS	ISKTKCTV	IFINQ	LRDKIGVM	.FGSP	PETTT	GGN	NAL	KFYA	227			
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NTDB	id	1130	NGFG	RS03960	WP	003688695.1	VVV	DSVAALV	PKAEI	EGDM	GD	SHVGLQAR	LSQALRKL	TGH	IKTNT	TL	VFINQ	IRMKIGVM	.FGSP	PETTT	GGN	NAL	KFYS	219		
NTDB	id	1124	NGFG	RS03960	WP	003688695.1	VVV	DSVAALV	PKAEI	EGDM	GD	SHVGLQAR	LSQALRKL	TGH	IKTNT	TL	VFINQ	IRMKIGVM	.FGSP	PETTT	GGN	NAL	KFYS	219		
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NTDB id 1205 PSJM300 05545 AFN77183.1
consensus

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NTDB id 228 SPD RS09265 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	LIDGEEVSEQDTE	NKKDE	PKKEEA..VNEEVPLDLGDEL	382		
NTDB id 194 SPR RS08825 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	LIDGEEVSEQDTE	NKKDE	PKKEEA..VNEEVPLDLGDEL	382		
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NTDB id 527 SMSK321 RS11065 WP 001085454.1	DEKIGQGS	ENAKKYLADNPEVFAE	IDHQVRVQFGL	LIDGEEAAE	SKKDE	VAQVDS..VNEEVTLDLGDEL	378		
NTDB id 499 SM12261 RS08315 WP 078228268.1	DEKIGQGS	ENAKKYLADNPEIF	DEIDHQVRVQFGL	LIDGEEIAE	SKKDE	AAQVDS..VNEEVTLDLGDEL	378		
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NTDB id 1427 RS RS02760 WP 011000510.1	GERIGQGR	DNCREFLRENA	EELAREI	ENKVR	REHLGV	TPMGAV...TLAEE	VEED.....	352	
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NTDB id 186594 AOT16 RS07895 WP 000344169.1	GNKIGQG	KNNVIRYFE	ENTQIAEE	IERNIRE	QLLT	TGTNGAV..Q.I	.EDEE	EPD..LLE.....S.....	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	GNKIGQG	KNNVIRYFE	ENNQIAEE	IERNIRE	QLLT	TGTNGAV..Q.I	.EDEE	EPD..LLE.....S.....	349
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consensus	***!!!	*****	**	*****	*****	**	**	*	

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NTDB id 1022 ACIAD RS06390 WP 004925639.1			349
NTDB id 1205 PSJM300 05545 AFN77183.1			347
consensus			

-  non conserved
-  similar
-  ≥ 50% conserved