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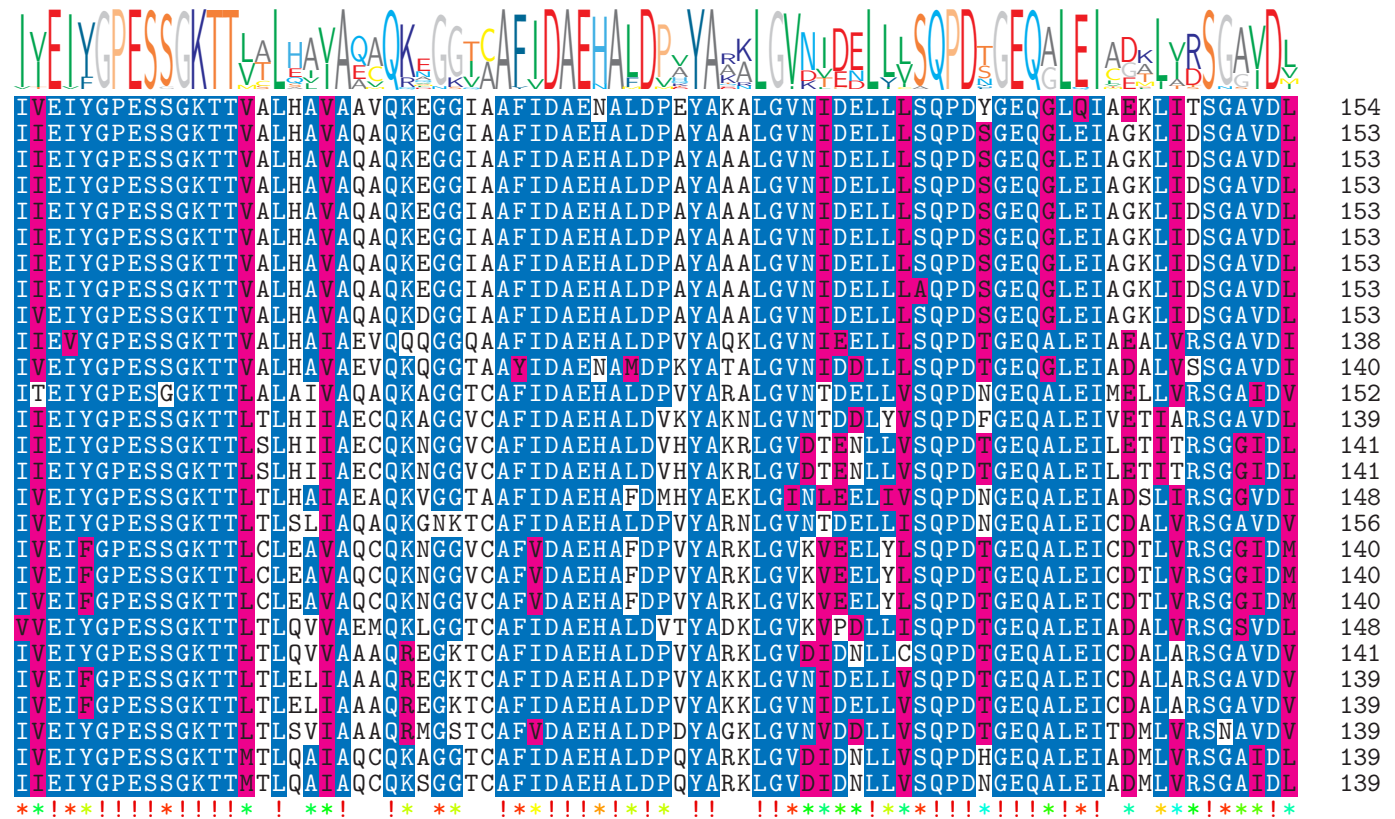
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NTDB id 1205 PSJM300 05545 AFN77183.1
NTDB id 1022 ACIAD RS06390 WP 004925639.1
NTDB id 1074 ABD1 RS10195 WP 000344167.1
consensus



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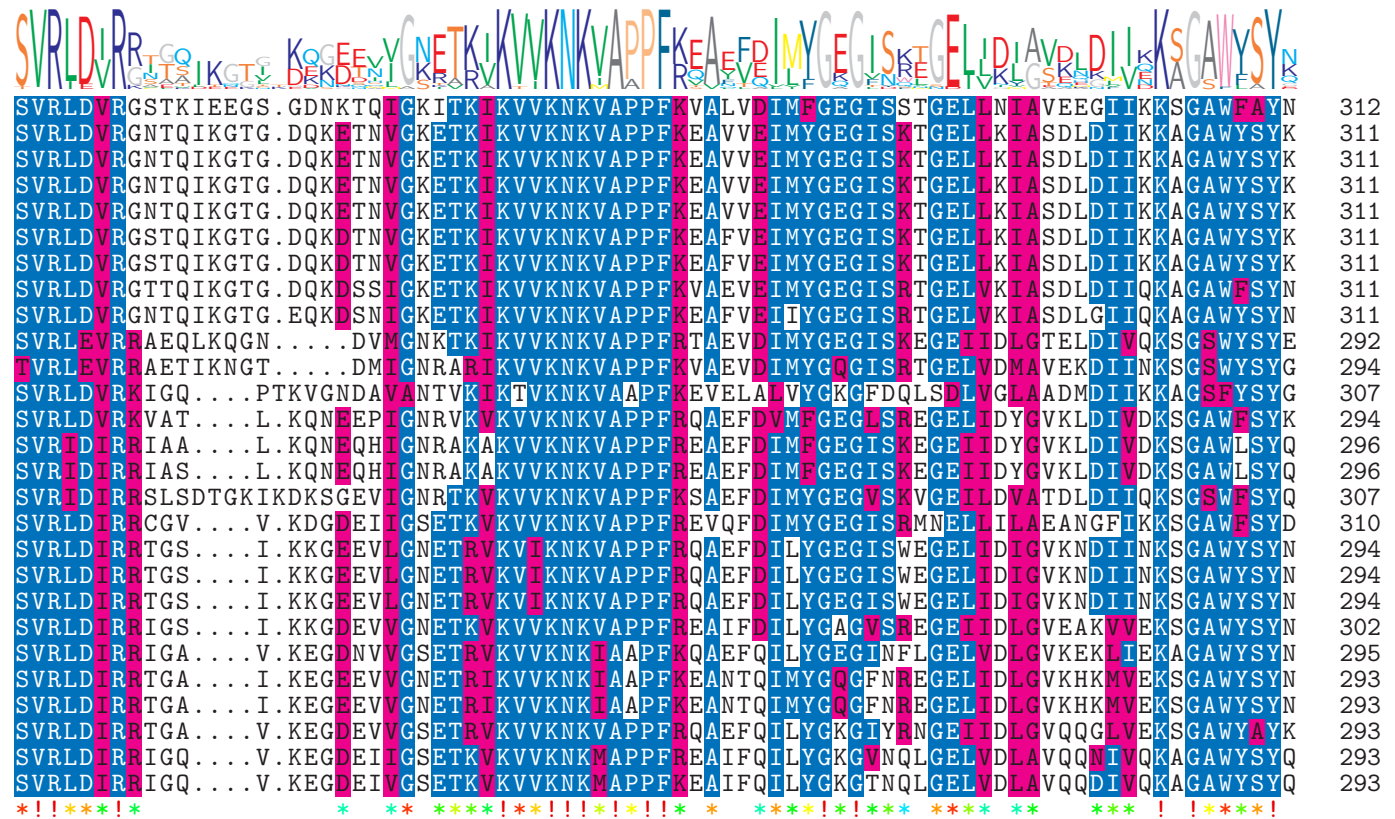


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NTDB	id	269	KZH43	RS08665	WP	001085462.1	VVV	DSVAALV	PRAEI	DGDI	GDShVGLQAR	MSQAMRKL	GA	SINKTKT	TA	IFINQLREK	VGVM	.FGNP	PETTP	GGRA	LKFYA	232			
NTDB	id	228	SPD	RS09265	WP	001085462.1	VVV	DSVAALV	PRAEI	DGDI	GDShVGLQAR	MSQAMRKL	GA	SINKTKT	TA	IFINQLREK	VGVM	.FGNP	PETTP	GGRA	LKFYA	232			
NTDB	id	194	SPR	RS08825	WP	001085462.1	VVV	DSVAALV	PRAEI	DGDI	GDShVGLQAR	MSQAMRKL	GA	SINKTKT	TA	IFINQLREK	VGVM	.FGNP	PETTP	GGRA	LKFYA	232			
NTDB	id	159	SP	RS09750	WP	001085462.1	VVV	DSVAALV	PRAEI	DGDI	GDShVGLQAR	MSQAMRKL	GA	SINKTKT	TA	IFINQLREK	VGVM	.FGNP	PETTP	GGRA	LKFYA	232			
NTDB	id	527	SMSK321	RS11065	WP	001085454.1	VVV	DSVAALV	PRAEI	DGDI	GDShVGLQAR	MSQAMRKL	GA	SINKTKT	TA	IFINQLREK	VGVM	.FGNP	PETTP	GGRA	LKFYA	232			
NTDB	id	499	SM12261	RS08315	WP	078228268.1	VVV	DSVAALV	PRAEI	DGDI	GDShVGLQAR	MSQAMRKL	GA	SINKTKT	TA	IFINQLREK	VGVM	.FGNP	PETTP	GGRA	LKFYA	232			
NTDB	id	453	Spy49	1753c	ACI62003.1	VVV	DSVAALV	PRAEI	DGDI	GDShVGLQAR	MSQAMRKL	SA	SINKTKT	TA	IFINQLREK	VGVM	.FGNP	PETTP	GGRA	LKFYA	232				
NTDB	id	408	SMU	RS09530	WP	002262392.1	VVV	DSVAALV	PRAEI	DGDI	GDShVGLQAR	MSQAMRKL	SA	SINKTKT	TA	IFINQLREK	VGIM	.FGNP	PETTP	GGRA	LKFYS	232			
NTDB	id	115	BSU	16940	NP	389576.2	VVV	DSVAALV	PKAEI	EGDM	GDShVGLQAR	LSQALRKL	SGA	INKSKT	IA	IFINQIREK	VGVM	.FGNP	PETTP	GGRA	LKFYS	217			
NTDB	id	625	LCA	RS02525	WP	011374196.1	LV	DSVAALV	PRAEI	EGEM	GD	AHVGLQAR	LSQALRKL	SGT	INKTKT	IA	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	MGDQ	HVGLQAR	LSQALRKL	TG	IVHKMNTT	V	IFINQ	IRMKIGAM	GYGT	PETTT	GGN	NALKFYA	219			
NTDB	id	1214	NCTC11637	00359	SQJ03206.1	VVV	DSVAAL	TPKAEI	DGDM	MGDQ	HVGLQAR	LSH	ALRKIT	GV	LHKMNTT	L	IFINQ	IRMKIGM	MGY	GP	PETTT	GGN	NALKFYA	221	
NTDB	id	1211	C694	RS00795	WP	000963128.1	VVV	DSVAAL	TPKAEI	DGDM	MGDQ	HVGLQAR	LSH	ALRKIT	GV	LHKMNTT	L	IFINQ	IRMKIGM	MGY	GP	PETTT	GGN	NALKFYA	221
NTDB	id	1334	RAOC	RS04870	WP	0004918236.1	VVV	DSVAAL	TPKAEI	DGDM	GD	SMGLHAR	LSQALRKL	TSS	ISKTKCTV		IFINQLRDK	IGVM	.FGSP	PETTT	GGN	NALKFYA	227		
NTDB	id	1389	A4U84	RS07560	WP	021112712.1	II	VDSVAAL	TPKAEI	EGDM	GD	SHMGLQAR	LSQALRKL	TAN	IKNTNCL	LV	VFINQ	IRMKIGVM	.FGNP	PETTT	GGN	NALKFYA	235		
NTDB	id	1130	NGFG	RS03960	WP	003688695.1	VVV	DSVAALV	PKAEI	EGDM	GD	SHVGLQAR	LSQALRKL	TGH	IKTNTL	V	VFINQ	IRMKIGVM	.FGSP	PETTT	GGN	NALKFYS	219		
NTDB	id	1124	NGFG	RS03960	WP	003688695.1	VVV	DSVAALV	PKAEI	EGDM	GD	SHVGLQAR	LSQALRKL	TGH	IKTNTL	V	VFINQ	IRMKIGVM	.FGSP	PETTT	GGN	NALKFYS	219		
NTDB	id	1123	OK783	RS03845	WP	003688695.1	VVV	DSVAALV	PKAEI	EGDM	GD	SHVGLQAR	LSQALRKL	TGH	IKTNTL	V	VFINQ	IRMKIGVM	.FGSP	PETTT	GGN	NALKFYS	219		
NTDB	id	1427	RS	RS02760	WP	011000510.1	IV	IDSVAALV	PKAEI	EGEM	GD	ALPGLQAR	LSQALRKL	TG	IKTNC	L	VIFINQ	IRMKIGVM	.FGSP	PETTT	GGN	NALKFYA	227		

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consensus

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NTDB	id	600	KW2	RS01765	WP	011675413.1	DEKIGQGAEAKNYLKEHQDVFEIDHKVRAAHGLDDSEVAETEEETTASKTAKAKAKEKAVETEIEIELELED....	387
NTDB	id	269	KZH43	RS08665	WP	001085462.1	DEKIGQGSENAKEYLAEPHPEIFDEIDKQVRSKFGLIDGEEVSEQDTENKKDE....PKKEEA..VNEEVPLDLGDELEIE	385
NTDB	id	228	SPD	RS09265	WP	001085462.1	DEKIGQGSENAKEYLAEPHPEIFDEIDKQVRSKFGLIDGEEVSEQDTENKKDE....PKKEEA..VNEEVPLDLGDELEIE	385
NTDB	id	194	SPR	RS08825	WP	001085462.1	DEKIGQGSENAKEYLAEPHPEIFDEIDKQVRSKFGLIDGEEVSEQDTENKKDE....PKKEEA..VNEEVPLDLGDELEIE	385
NTDB	id	159	SP	RS09750	WP	001085462.1	DEKIGQGSENAKEYLAEPHPEIFDEIDKQVRSKFGLIDGEEVSEQDTENKKDE....PKKEEA..VNEEVPLDLGDELEIE	385
NTDB	id	527	SMSK321	RS11065	WP	001085454.1	DEKIGQGSENAKEYLADNPEVF AEIDHQVRVQFGLIDGEEAAE....SKKDE....VAQVDS..VNEEVTLDLGDELEIE	381
NTDB	id	499	SM12261	RS08315	WP	078228268.1	DEKIGQGSENAKEYLADNPEIFDEIDHQVRVQFGLIDGEEIAE....SKKDE....AAQVDS..VNEEVTLDLGDELEIE	381
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NTDB	id	1130	NGFG	RS03960	WP	003688695.1	GAKIGQCKDNVVRVWLKENPEISDEIDAKIRALNCVEMHI....TEG.....T...QDET DGERPEE.....	348
NTDB	id	1124	NGFG	RS03960	WP	003688695.1	GAKIGQCKDNVVRVWLKENPEISDEIDAKIRALNCVEMHI....TEG.....T...QDET DGERPEE.....	348
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NTDB	id	1165	A1552VC	RS01565	WP	000344154.1	GDKIGQCKANACKY LKENPEIAKTLDKKLREM LLNPENM....QLIAETSSAA...DDVEFGAVPEEF.....	354
NTDB	id	1142	GTF74	RS11550	WP	000344154.1	GDKIGQCKANACKY LKENPEIAKTLDKKLREM LLNPENM....QLIAETSSAA...DDVEFGAVPEEF.....	354
NTDB	id	1205	PSJM300	05545	AFN77183.1		GSKIGQCKANAACKYLENPEIGQEIEQQIRAKLLVTSAN....TKATPVAEDL...ADADI.....	347
NTDB	id	1022	ACIAD	RS06390	WP	004925639.1	GNKIGQCKNNVIRYLEENPGISTEIEAVIREQLLT KASD....QTAA.HDETE...EEPDLLES.....	349
NTDB	id	1074	ABD1	RS10195	WP	000344167.1	GNKIGQCKNNVIRYLEENPGIAEIERNI REQLLTGTN....GAVQ.I.EDE...EEPDLLES.....	349
consensus							* * ! ! ! * * * * * * * * * * * * * * * * *	

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		IEE	
NTDB id 600 KW2 RS01765 WP 011675413.1	...		387
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consensus			

- X non conserved
- X similar
- X ≥ 50% conserved