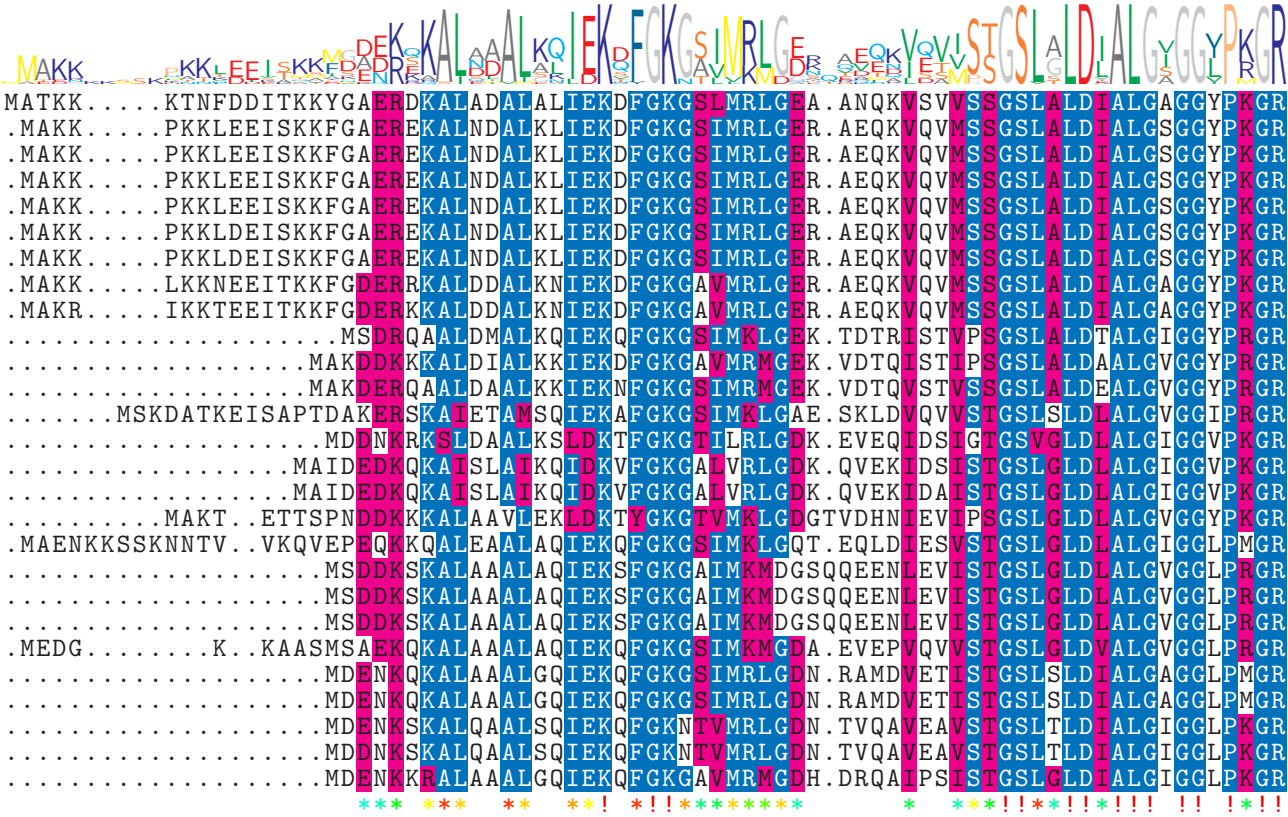


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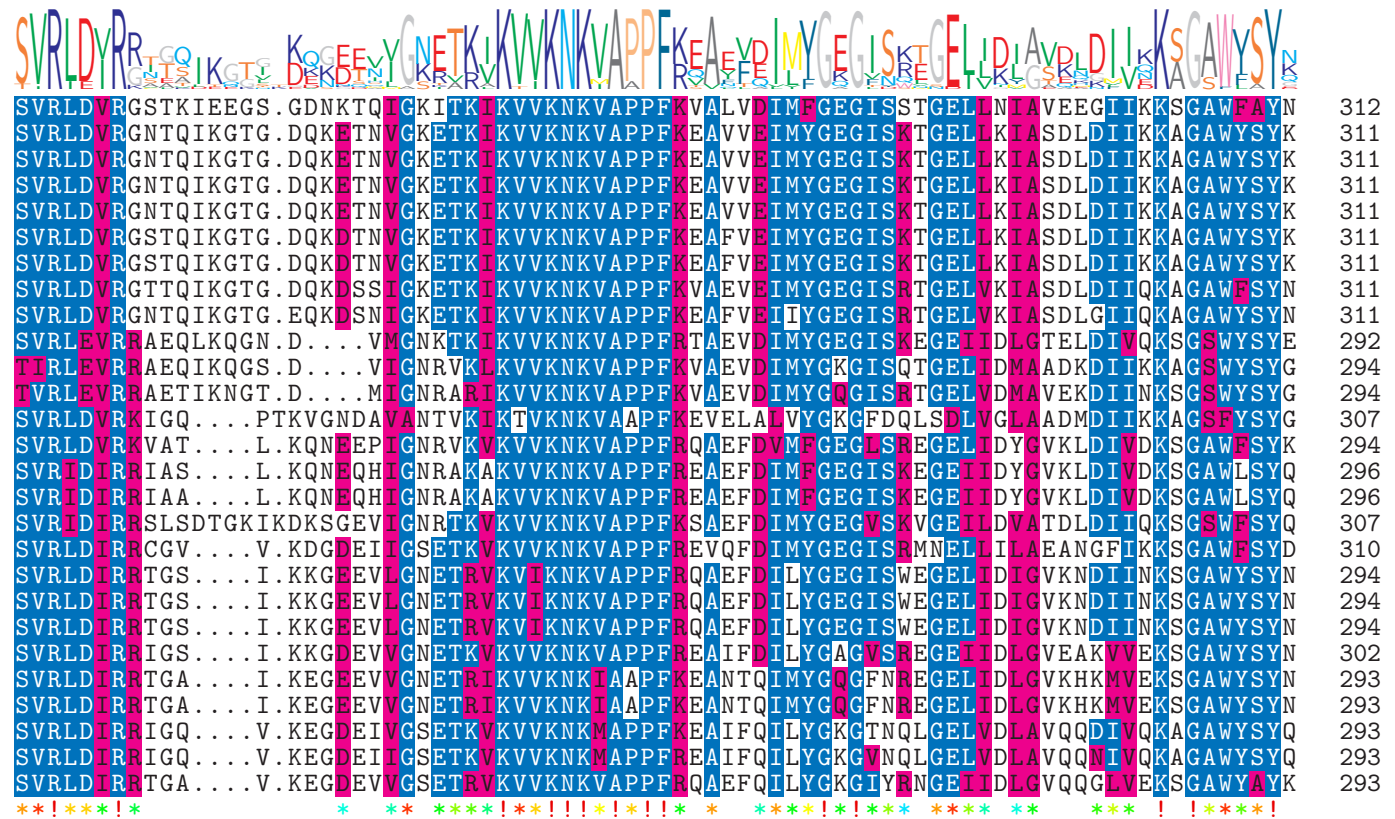
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NTDB id 1022 ACIAD RS06390 WP 004925639.1
NTDB id 1205 PSJM300 05545 AFN77183.1
consensus



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NTDB id 1205 PSJM300 05545 AFN77183.1

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NTDB id 600 KW2 RS01765 WP 011675413.1	DEKIGQGA	EKAKNYLKEHQDV	DEIDHKVRAAHG	LDDSEVAETEEETT	ASKTKAKAKKEEK	AVETE	EE	IELELED		387		
NTDB id 269 KZH43 RS08665 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTEN	KKDE....PKKEEA	..VNEE	VPLDLGDELEIE			385		
NTDB id 228 SPD RS09265 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTEN	KKDE....PKKEEA	..VNEE	VPLDLGDELEIE			385		
NTDB id 194 SPR RS08825 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTEN	KKDE....PKKEEA	..VNEE	VPLDLGDELEIE			385		
NTDB id 159 SP RS09750 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTEN	KKDE....PKKEEA	..VNEE	VPLDLGDELEIE			385		
NTDB id 499 SM12261 RS08315 WP 078228268.1	DEKIGQGS	ENAKKYLAADNPEIF	DEIDHQVRVQFGL	IDGEEIAES....KKDE	AAQVDS	..VNEE	VTLDLGDELEIE			381		
NTDB id 527 SMSK321 RS11065 WP 001085454.1	DEKIGQGS	ENAKKYLAADNPEVFAE	IDHQVRVQFGL	IDGEEAAES....KKDE	VAQVDS	..VNEE	VTLDLGDELEIE			381		
NTDB id 453 Spy49 1753c ACI62003.1	GEKIGQGS	ENAKRYLADHPQLF	DEIDRKVRVKFGL	LEESEEEESAMAVASE	E	TDD	LALDLN	GIEIE		377		
NTDB id 408 SMU RS09530 WP 002262392.1	GEKIGQGS	ENAKKFLADNPEIF	DDIDHKVRVQYGL	IEEDNTEEKQSSKEK	ETDEK	..ADKN	LVLELDDTIELE			382		
NTDB id 115 BSU 16940 NP 389576.2	EE	RLGQGREN	AKQFLKENKDIM	LMIQEQIREHY	GLD	NNGVVQQQA	EETQE		ELEFEE		348	
NTDB id 31996 LJP RS06770 WP 004897730.1	DDRIGQGREN	AKQYLEEHPDVY	EEVKEKVREAYG	IDAKAIEEREN	PEKVKQD	.....	KE	VPVNKDASDEKK		360		
NTDB id 625 LCA RS02525 WP 011374196.1	SERIGQGREN	AKNYLADHEDVE	DEVRLKVRAAYG	ISDVPEEDLP	TTE....D	.....	E	QINILPDDSTEE	..	355		
NTDB id 1313 DR RS12030 WP 010888966.1	DERIGQGKE	KTIAYIAERP	EMEQEIRDRV	MAAIRAGNAGE	APALAPAPAA	PEAA	.....	EA	.....	363		
NTDB id 1245 Cj1673c YP 002345041.1	DKKLGQGRE	NSKAF	LKENPEIADE	ITKAIQNSMG	IEGMI....SGSEDD	..G	.....	EE	.....	343		
NTDB id 1211 C694 RS00795 WP 000963128.1	DKKLGQGRE	NAKALLKEDK	ALADEITLK	IKESIGSNEEI	MPLPDEP	..L		EE	ME		347	
NTDB id 1214 NCTC11637 00359 SQJ03206.1	DKKLGQGRE	NAKALLKEDK	ALADEITLK	IKESIGSNEEI	MPLPDEP	..L		EE	ME		347	
NTDB id 1334 RAOC RS04870 WP 004918236.1	DTKLGQGRD	TVKELIKDN	PELAELEAK	IREKLQAK	.....	.....	.....	.....	.....	343		
NTDB id 1389 A4U84 RS07560 WP 021112712.1	GTKIGQGN	NAVVKWLKEN	PEIADKLEQE	IRNTLASNPNS	VLKATASDSN	.....	DE	SDVEEFSEEL	..	372		
NTDB id 1130 NGFG RS03960 WP 003688695.1	GAKIGQKDN	VRVWLKEN	PEISDEIDAK	IRALNGVEMHI	TEGTQDET	.....	GER	PEE	...	348		
NTDB id 1124 NGFG RS03960 WP 003688695.1	GAKIGQKDN	VRVWLKEN	PEISDEIDAK	IRALNGVEMHI	TEGTQDET		GER	PEE	...	348		
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NTDB id 1427 RS RS02760 WP 011000510.1	GERIGQGRD	NCREFLRENAEL	AREIENKVREHL	GVTPMG	AV	TLAEEVE		ED		352		
NTDB id 1165 A1552VC RS01565 WP 000344154.1	GDKIGQGG	KANACKY	LKENPEIAKT	LDKKLREMLLN	PENM....QLIAETSSAA		DD	VEFGAVPEEF	..	354		
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NTDB id 1022 ACIAD RS06390 WP 004925639.1	GNKIGQGG	KNNVIRYLEEN	PQISTEIEAV	IREQLLTKASD	QTAA	..HDETE		EEP	..LLES	...	349	
NTDB id 1205 PSJM300 05545 AFN77183.1	GSKIGQGG	KANAACKY	LEENPEIGQ	EIEQQIRAKLL	VTSAN	TKATPVAEDL		AD	AD	..I		347
consensus	***!!!	*****	**	*	***	*****	**	*	***		***	

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NTDB id 1123 OK783 RS03845 WP 003688695.1	...		348
NTDB id 1427 RS RS02760 WP 011000510.1	...		352
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NTDB id 1142 GTF74 RS11550 WP 000344154.1	...		354
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NTDB id 1022 ACIAD RS06390 WP 004925639.1	...		349
NTDB id 1205 PSJM300 05545 AFN77183.1	...		347
consensus			

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