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NTDB id 194 SPR RS08825 WP 001085462.1
NTDB id 159 SP RS09750 WP 001085462.1
NTDB id 499 SM12261 RS08315 WP 078228268.1
NTDB id 527 SMSK321 RS11065 WP 001085454.1
NTDB id 408 SMU RS09530 WP 002262392.1
NTDB id 453 Spy49 1753c ACI62003.1
NTDB id 625 LCA RS02525 WP 011374196.1
NTDB id 115 BSU 16940 NP 389576.2
NTDB id 1313 DR RS12030 WP 010888966.1
NTDB id 1245 Cj1673c YP 002345041.1
NTDB id 1211 C694 RS00795 WP 000963128.1
NTDB id 1214 NCTC11637 00359 SQJ03206.1
NTDB id 1334 RA0C RS04870 WP 004918236.1
NTDB id 1389 A4U84 RS07560 WP 021112712.1
NTDB id 1130 NGFG RS03960 WP 003688695.1
NTDB id 1124 NGFG RS03960 WP 003688695.1
NTDB id 1123 OK783 RS03845 WP 003688695.1
NTDB id 1427 RS RS02760 WP 011000510.1
NTDB id 1165 A1552VC RS01565 WP 000344154.1
NTDB id 1142 GTF74 RS11550 WP 000344154.1
NTDB id 1074 ABD1 RS10195 WP 000344167.1
NTDB id 1022 ACIAD RS06390 WP 004925639.1
NTDB id 1205 PSJM300 05545 AFN77183.1
consensus

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MATKK		KTN	FDD	IT	KKY	GA	ER	KA	LD	AL	AL	IE	DK	FK	SV	RL	GE	EA	AN	QK	VS	VS	SS	GS	LA	LD	IA	LG	GG	YP	PK	GR		
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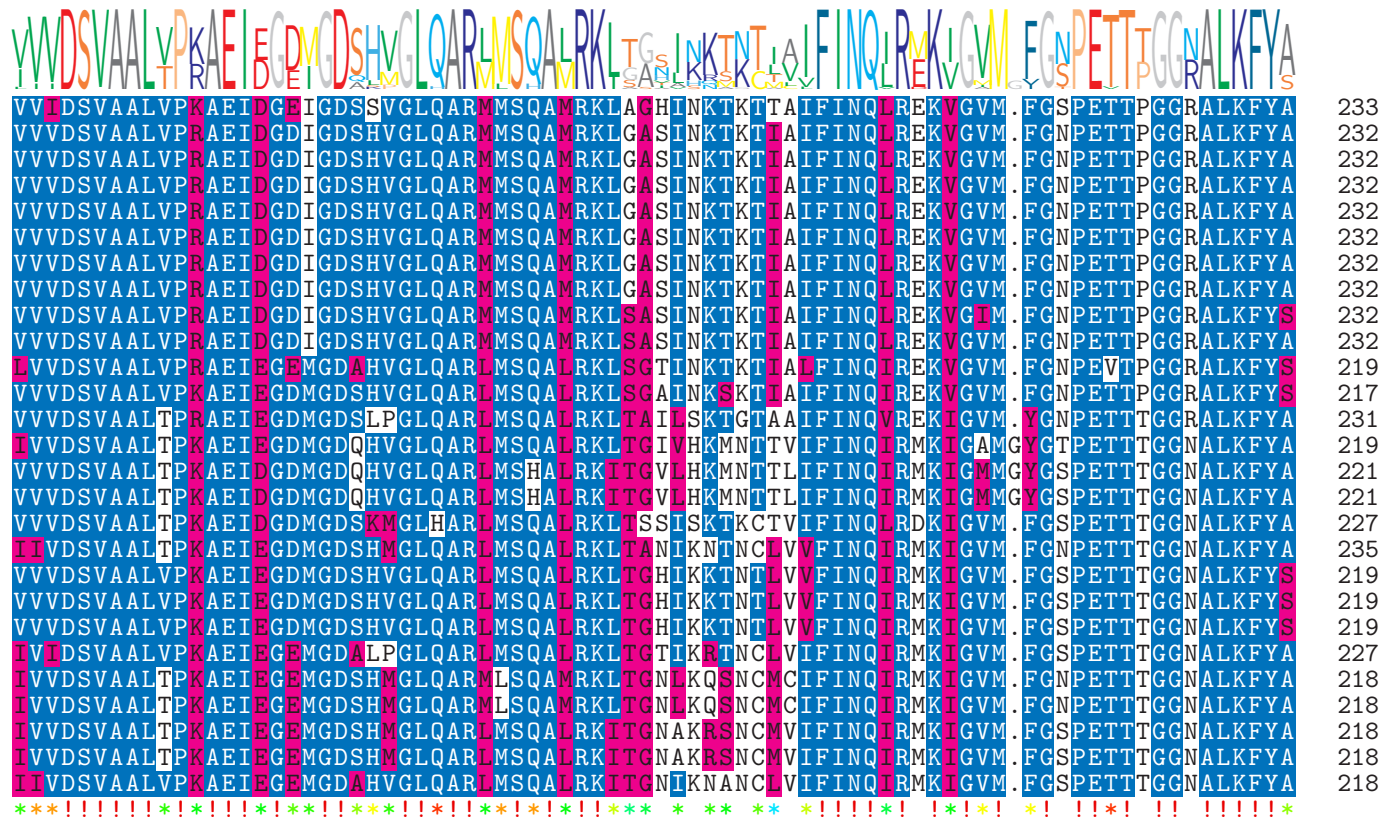
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consensus	*	*	!	*	*	!	!	!	!	!	!	!	!	!	*	!	*	*	!	*	!	!	*	*	*	*	!	*	*	!	*	*	!	*	*	!	*	*	!	*	*	!	!	*	*	!	!	*	*</																																

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NTDB id 600 KW2 RS01765 WP 011675413.1
NTDB id 997558 ABC806 RS01680 WP 001085462.1
NTDB id 269 KZH43 RS08665 WP 001085462.1
NTDB id 228 SPD RS09265 WP 001085462.1
NTDB id 194 SPR RS08825 WP 001085462.1
NTDB id 159 SP RS09750 WP 001085462.1
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NTDB id 1074 ABD1 RS10195 WP 000344167.1
NTDB id 1022 ACIAD RS06390 WP 004925639.1
NTDB id 1205 PSJM300 05545 AFN77183.1
consensus

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logo

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NTDB id 997558 ABC806 RS01680 WP 001085462.1	SVRLDVRG	NTQIKGTG	.DQKE	TNV	GKETK	KVVKNKVAPPF	KEAVVE	IMY	GEGIS	KTGEL	LKIAS	SDL	DIKK	GAWYSYK	311
NTDB id 269 KZH43 RS08665 WP 001085462.1	SVRLDVRG	NTQIKGTG	.DQKE	TNV	GKETK	KVVKNKVAPPF	KEAVVE	IMY	GEGIS	KTGEL	LKIAS	SDL	DIKK	GAWYSYK	311
NTDB id 228 SPD RS09265 WP 001085462.1	SVRLDVRG	NTQIKGTG	.DQKE	TNV	GKETK	KVVKNKVAPPF	KEAVVE	IMY	GEGIS	KTGEL	LKIAS	SDL	DIKK	GAWYSYK	311
NTDB id 194 SPR RS08825 WP 001085462.1	SVRLDVRG	NTQIKGTG	.DQKE	TNV	GKETK	KVVKNKVAPPF	KEAVVE	IMY	GEGIS	KTGEL	LKIAS	SDL	DIKK	GAWYSYK	311
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NTDB id 499 SM12261 RS08315 WP 078228268.1	SVRLDVRG	STQIKGTG	.DQKD	TNV	GKETK	KVVKNKVAPPF	KEAFVE	IMY	GEGIS	KTGEL	LKIAS	SDL	DIKK	GAWYSYK	311
NTDB id 527 SMSK321 RS11065 WP 001085454.1	SVRLDVRG	STQIKGTG	.DQKD	TNV	GKETK	KVVKNKVAPPF	KEAFVE	IMY	GEGIS	KTGEL	LKIAS	SDL	DIKK	GAWYSYK	311
NTDB id 408 SMU RS09530 WP 002262392.1	SVRLDVRG	NTQIKGTG	.EQKDS	NI	GKETK	KVVKNKVAPPF	KEAFVE	ILY	GEGIS	RTGEL	VKIAS	SDL	GIIQ	KAGAWYSYN	311
NTDB id 453 Spy49 1753c ACI62003.1	SVRLDVRG	TTQIKGTG	.DQKD	SSI	GKETK	KVVKNKVAPPF	KVAEVE	IMY	GEGIS	RTGEL	VKIAS	SDL	DIIQ	KAGAWFSYN	311
NTDB id 625 LCA RS02525 WP 011374196.1	TVRLEVR	RAETIKNGT	DM	ICNR	ARI	KVVKNKVAPPF	KVAEVD	IMY	G	GIS	RTGEL	VDMA	VEKD	IINKSGSWYSY	294
NTDB id 115 BSU 16940 NP 389576.2	SVRLEVR	RAEQLKQGN	DV	MCNK	TK	KVVKNKVAPPF	RTAEVD	IMY	GEGIS	KEGE	ITDL	GLTE	LDIV	QKSGSWYSY	292
NTDB id 1313 DR RS12030 WP 010888966.1	SVRLDVR	KIGQ	PTK	VGNDA	VANTV	KIK	TVKNKVA	APFKE	VELAL	VYCK	GFDQL	SDLV	GLA	ADMDIINKAGSFYSY	307
NTDB id 1245 Cj1673c YP 002345041.1	SVRLDVR	KKVAT	L	KQNE	EP	ICNR	VKV	KVVKNKVAPPF	FRQAEF	DVME	GEG	LS	REGEL	IDYGVKLDIVDKSGAWFSYK	294
NTDB id 1211 C694 RS00795 WP 000963128.1	SVRDIR	RIAS	L	KQNE	QHI	ICNR	AK	KVVKNKVAPPF	FRQAEF	DIMF	GEGIS	KEGE	ITDY	GVKLDIVDKSGAWLSYQ	296
NTDB id 1214 NCTC11637 00359 SQJ03206.1	SVRDIR	RIIAA	L	KQNE	QHI	ICNR	AK	KVVKNKVAPPF	FRQAEF	DIMF	GEGIS	KEGE	ITDY	GVKLDIVDKSGAWLSYQ	296
NTDB id 1334 RA0C RS04870 WP 004918236.1	SVRDIR	RSLSDTG	KIKDKSGE	VIC	NR	TKV	KVVKNKVAPPF	KS	AEF	DIMY	GEG	VSKV	GE	ILDVATDLDIQKSGSWFSYQ	307
NTDB id 1389 A4U84 RS07560 WP 021112712.1	SVRLDIR	RCGV	V	KDGE	II	GSETK	KVVKNKVAPPF	REVQ	FDIMY	GEGIS	RMNEL	LILAE	ANGFIKKSGAWFSYD	310	
NTDB id 1130 NGFG RS03960 WP 003688695.1	SVRLDIR	RTGS	I	KKGE	EV	ICNET	RVKVI	KNKVAPPF	FRQAEF	DILY	GEGIS	WE	GELID	IGVKNDIINKSGAWYSYN	294
NTDB id 1124 NGFG RS03960 WP 003688695.1	SVRLDIR	RTGS	I	KKGE	EV	ICNET	RVKVI	KNKVAPPF	FRQAEF	DILY	GEGIS	WE	GELID	IGVKNDIINKSGAWYSYN	294
NTDB id 1123 OK783 RS03845 WP 003688695.1	SVRLDIR	RTGS	I	KKGE	EV	ICNET	RVKVI	KNKVAPPF	FRQAEF	DILY	GEGIS	WE	GELID	IGVKNDIINKSGAWYSYN	294
NTDB id 1427 RS RS02760 WP 011000510.1	SVRLDIR	RIGS	I	KKGE	EV	ICNET	KV	KVVKNKVAPPF	FRQAEF	DILY	GACV	S	REGEL	IDLGVEAKVVEKSGAWYSYN	302
NTDB id 1165 A1552VC RS01565 WP 000344154.1	SVRLDIR	RTGA	I	KEGE	EV	ICNET	RI	KVVKNK	IA	APFKE	ANTQIMY	G	CFNR	REGELIDLGVKHKMVEKSGAWYSYN	293
NTDB id 1142 GTF74 RS11550 WP 000344154.1	SVRLDIR	RTGA	I	KEGE	EV	ICNET	RI	KVVKNK	IA	APFKE	ANTQIMY	G	CFNR	REGELIDLGVKHKMVEKSGAWYSYN	293
NTDB id 1074 ABD1 RS10195 WP 000344167.1	SVRLDIR	RIGQ	V	KEGE	DEIV	GSETK	KVVKNKM	APPFKE	AI	FQILY	GKCTN	QLGEL	VDLAV	QQNDIVQKAGAWYSYQ	293
NTDB id 1022 ACIAD RS06390 WP 004925639.1	SVRLDIR	RIGQ	V	KEGE	DEIV	GSETK	KVVKNKM	APPFKE	AI	FQILY	GKCTN	QLGEL	VDLAV	QQNDIVQKAGAWYSYQ	293
NTDB id 1205 PSJM300 05545 AFN77183.1	SVRLDIR	RTGA	V	KEGE	EV	ICSET	RV	KVVKNKVAPPF	FRQAEF	QILY	GKGI	Y	REGEL	IDLGVQQGLVEKSGAWIAYK	293
consensus	*!!	*****!	*	*	*	*	*	*****!*	*****!	*!!	*!!	*****!	*****!	*****!	*****!


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NTDB id 600 KW2 RS01765 WP 011675413.1
NTDB id 997558 ABC806 RS01680 WP 001085462.1
NTDB id 269 KZH43 RS08665 WP 001085462.1
NTDB id 228 SPD RS09265 WP 001085462.1
NTDB id 194 SPR RS08825 WP 001085462.1
NTDB id 159 SP RS09750 WP 001085462.1
NTDB id 499 SM12261 RS08315 WP 078228268.1
NTDB id 527 SMSK321 RS11065 WP 001085454.1
NTDB id 408 SMU RS09530 WP 002262392.1
NTDB id 453 Spy49 1753c ACI62003.1
NTDB id 625 LCA RS02525 WP 011374196.1
NTDB id 115 BSU 16940 NP 389576.2
NTDB id 1313 DR RS12030 WP 010888966.1
NTDB id 1245 Cj1673c YP 002345041.1
NTDB id 1211 C694 RS00795 WP 000963128.1
NTDB id 1214 NCTC11637 00359 SQJ03206.1
NTDB id 1334 RA0C RS04870 WP 004918236.1
NTDB id 1389 A4U84 RS07560 WP 021112712.1
NTDB id 1130 NGFG RS03960 WP 003688695.1
NTDB id 1124 NGFG RS03960 WP 003688695.1
NTDB id 1123 OK783 RS03845 WP 003688695.1
NTDB id 1427 RS RS02760 WP 011000510.1
NTDB id 1165 A1552VC RS01565 WP 000344154.1
NTDB id 1142 GTF74 RS11550 WP 000344154.1
NTDB id 1074 ABD1 RS10195 WP 000344167.1
NTDB id 1022 ACIAD RS06390 WP 004925639.1
NTDB id 1205 PSJM300 05545 AFN77183.1
consensus

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logo

		LEE	
NTDB id 600 KW2 RS01765 WP 011675413.1	...	387	
NTDB id 997558 ABC806 RS01680 WP 001085462.1	IEE	388	
NTDB id 269 KZH43 RS08665 WP 001085462.1	IEE	388	
NTDB id 228 SPD RS09265 WP 001085462.1	IEE	388	
NTDB id 194 SPR RS08825 WP 001085462.1	IEE	388	
NTDB id 159 SP RS09750 WP 001085462.1	IEE	388	
NTDB id 499 SM12261 RS08315 WP 078228268.1	IEE	384	
NTDB id 527 SMSK321 RS11065 WP 001085454.1	IEE	384	
NTDB id 408 SMU RS09530 WP 002262392.1	D..	383	
NTDB id 453 Spy49 1753c ACI62003.1	D..	378	
NTDB id 625 LCA RS02525 WP 011374196.1	...	355	
NTDB id 115 BSU 16940 NP 389576.2	...	348	
NTDB id 1313 DR RS12030 WP 010888966.1	...	363	
NTDB id 1245 Cj1673c YP 002345041.1	...	343	
NTDB id 1211 C694 RS00795 WP 000963128.1	...	347	
NTDB id 1214 NCTC11637 00359 SQJ03206.1	...	347	
NTDB id 1334 RA0C RS04870 WP 004918236.1	...	343	
NTDB id 1389 A4U84 RS07560 WP 021112712.1	...	372	
NTDB id 1130 NGFG RS03960 WP 003688695.1	...	348	
NTDB id 1124 NGFG RS03960 WP 003688695.1	...	348	
NTDB id 1123 OK783 RS03845 WP 003688695.1	...	348	
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NTDB id 1165 A1552VC RS01565 WP 000344154.1	...	354	
NTDB id 1142 GTF74 RS11550 WP 000344154.1	...	354	
NTDB id 1074 ABD1 RS10195 WP 000344167.1	...	349	
NTDB id 1022 ACIAD RS06390 WP 004925639.1	...	349	
NTDB id 1205 PSJM300 05545 AFN77183.1	...	347	
consensus			

- non conserved
- similar
- ≥ 50% conserved