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NTDB id 600 KW2 RS01765 WP 011675413.1	SVRLDVRG	STKIEEGS	.GDNKTQI	CKITKIKVV	KNKVAPPF	KVALVDIM	FGEGISST	GELLNIA	VEEGTI	KKSGAW	FAYN	312					
NTDB id 269 KZH43 RS08665 WP 001085462.1	SVRLDVRG	NTQIKGTG	.DQKEITN	VGKETKIK	VVKNKV	APPFKEA	VVEIMY	GEGISKT	GELLKIA	SDLDI	IKKAGAW	SYK	311				
NTDB id 228 SPD RS09265 WP 001085462.1	SVRLDVRG	NTQIKGTG	.DQKEITN	VGKETKIK	VVKNKV	APPFKEA	VVEIMY	GEGISKT	GELLKIA	SDLDI	IKKAGAW	SYK	311				
NTDB id 194 SPR RS08825 WP 001085462.1	SVRLDVRG	NTQIKGTG	.DQKEITN	VGKETKIK	VVKNKV	APPFKEA	VVEIMY	GEGISKT	GELLKIA	SDLDI	IKKAGAW	SYK	311				
NTDB id 159 SP RS09750 WP 001085462.1	SVRLDVRG	NTQIKGTG	.DQKEITN	VGKETKIK	VVKNKV	APPFKEA	VVEIMY	GEGISKT	GELLKIA	SDLDI	IKKAGAW	SYK	311				
NTDB id 527 SMSK321 RS11065 WP 001085454.1	SVRLDVRG	STQIKGTG	.DQKDTNV	GKETKIK	VVKNKV	APPFKEA	FVEIMY	GEGISKT	GELLKIA	SDLDI	IKKAGAW	SYK	311				
NTDB id 499 SM12261 RS08315 WP 078228268.1	SVRLDVRG	STQIKGTG	.DQKDTNV	GKETKIK	VVKNKV	APPFKEA	FVEIMY	GEGISKT	GELLKIA	SDLDI	IKKAGAW	SYK	311				
NTDB id 408 SMU RS09530 WP 002262392.1	SVRLDVRG	NTQIKGTG	.EQKDSNI	GKETKIK	VVKNKV	APPFKEA	FVEI	YGEGISRT	GELVKIA	SDLGI	IQKAGAW	SYN	311				
NTDB id 453 Spy49 1753c ACI62003.1	SVRLDVRG	TTQIKGTG	.DQKDSST	GKETKIK	VVKNKV	APPFKEA	FVEI	YGEGISRT	GELVKIA	SDLDI	IQKAGAW	SYN	311				
NTDB id 625 LCA RS02525 WP 011374196.1	TVRLEVRRA	ETIKNGT	....DM	IGNRARI	KVVKNK	VAPPFKA	VAEVDI	MYGQGIS	RTGELV	DMAVEK	DIINKS	CSWYSY	294			
NTDB id 108508 ACKTY1 RS11665 WP 197257068.1	TIRLDVRR	VETIKQGNDM	IGNRTRI	KVVKNK	VAPPFKA	QADIDI	MYGEGIS	REGSL	VDIGTE	MDI	IKKSGAW	SYE	292			
NTDB id 115 BSU 16940 NP 389576.2	SVRLEVRRA	AEQLKQGNDV	MGNKTKI	KVVKNK	VAPPFKA	TAEVDI	MYGEGIS	KEGELI	DLGTEL	DI	VQKSGW	SYE	292			
NTDB id 1313 DR RS12030 WP 010888966.1	SVRLDVRK	KIGQ....	PTKVGND	AVANTV	KIKTV	KNKVA	APPFKE	VELALV	YCGK	GFDQLS	DLV	GLAAD	MDI	IKKAC	SFYSY	307	
NTDB id 1245 Cj1673c YP 002345041.1	SVRLDVRK	VAT...L	.KQNEEPI	GNRVK	VVVKNK	VAPPFR	QA	EFDV	MFGEL	SREGEL	IDY	GVKLD	V	DKSGAW	FSYK	294	
NTDB id 1211 C694 RS00795 WP 000963128.1	SVRIDIRRI	AS...L	.KQNEQHI	GNRAKA	KVVKNK	VAPPFRA	EAEFDI	MFGEGIS	KEGEI	IDYGV	KL	DIV	DKSGAW	LSYQ	296		
NTDB id 1214 NCTC11637 00359 SQJ03206.1	SVRIDIRRI	AA...L	.KQNEQHI	GNRAKA	KVVKNK	VAPPFRA	EAEFDI	MFGEGIS	KEGEI	IDYGV	KL	DIV	DKSGAW	LSYQ	296		
NTDB id 1334 RA0C RS04870 WP 004918236.1	SVRIDIRRS	LSDTGKIK	DKSGEVI	GNRTKV	VVVKNK	VAPPFKA	SAEFDI	MYGEGIS	SKVGE	ILDV	ATDL	DI	IQKSGW	FSYQ	307		
NTDB id 1389 A4U84 RS07560 WP 021112712.1	SVRLDIRR	CGV...V	.KGDDEII	GSETKV	VVVKNK	VAPPFREV	QF	DI	MYGEGIS	RMNEL	LILAE	ANGFI	IKKSGAW	FSYD	310		
NTDB id 1130 NGFG RS03960 WP 003688695.1	SVRLDIRR	TGS...I	.KKGEV	IGNETRV	KVI	KNKVAPP	FRQA	EFDI	LYGEGIS	WE	GELID	IGVKN	DI	INKSGAW	YSYN	294	
NTDB id 1124 NGFG RS03960 WP 003688695.1	SVRLDIRR	TGS...I	.KKGEV	IGNETRV	KVI	KNKVAPP	FRQA	EFDI	LYGEGIS	WE	GELID	IGVKN	DI	INKSGAW	YSYN	294	
NTDB id 1123 OK783 RS03845 WP 003688695.1	SVRLDIRR	TGS...I	.KKGEV	IGNETRV	KVI	KNKVAPP	FRQA	EFDI	LYGEGIS	WE	GELID	IGVKN	DI	INKSGAW	YSYN	294	
NTDB id 1427 RS RS02760 WP 011000510.1	SVRLDIRR	IGS...I	.KKGEV	IGNETRV	KVVKNK	VAPPFRA	EAFD	ILYGA	CVS	REGEL	IDL	GV	EAKV	VEKSGAW	YSYN	302	
NTDB id 1165 A1552VC RS01565 WP 000344154.1	SVRLDIRR	TGA...I	.KEGEV	IGNETRI	KVVKNK	IAPPFKE	ANTQI	MYGQ	GFNR	REGEL	IDL	GV	VKHK	MVEKSGAW	YSYN	293	
NTDB id 1142 GTF74 RS11550 WP 000344154.1	SVRLDIRR	TGA...I	.KEGEV	IGNETRI	KVVKNK	IAPPFKE	ANTQI	MYGQ	GFNR	REGEL	IDL	GV	VKHK	MVEKSGAW	YSYN	293	
NTDB id 1022 ACIAD RS06390 WP 004925639.1	SVRLDIRR	IGG...V	.KEGDEI	IGSETKV	VVVKNK	MAPPFRA	EAFI	FQILY	GKGV	NQLGEL	VDL	AV	QQN	I	VQKAGAW	YSYQ	293
NTDB id 1074 ABD1 RS10195 WP 000344167.1	SVRLDIRR	IGG...V	.KEGDEI	IGSETKV	VVVKNK	MAPPFRA	EAFI	FQILY	GKGV	NQLGEL	VDL	AV	QQN	I	VQKAGAW	YSYQ	293
NTDB id 1205 PSJM300 05545 AFN77183.1	SVRLDIRR	TGA...V	.KEGDEV	IGSETRV	KVVKNK	VAPPFRA	EAFQI	LYGK	GIY	REGEL	IDL	GV	QQGL	V	VEKSGAW	AYK	293
consensus	**!***!*		*	**	*****!***!!*!!*!!*!!*!!*	*	*****!*	***	*****	*	***	!*	***!*				

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 ≥ 50% conserved