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NTDB id 1045170 ACEPSR RS00900 WP 395320096.1	SVRLRVSGTKQKDGQ....EVV	GKETKIKVAKNKVAPPFK	TVDTLMSFGKGI	EPVADMVNLAVDKD	IIDKSGSWYSYG	301	
NTDB id 600 KW2 RS01765 WP 011675413.1	SVRLDVRGSTKIEEGS.GDNKTQ	IGKITKIKVVKNKVAPPFK	VALVDIMFGE	GISSTGELN	IAVEEGIKKSGAWFAYN	312	
NTDB id 269 KZH43 RS08665 WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETN	VGKETKIKVVKNKVAPPFK	EAVVEIMYGEGIS	KTGELLK	IASDLDIKKAGAWYSYK	311	
NTDB id 228 SPD RS09265 WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETN	VGKETKIKVVKNKVAPPFK	EAVVEIMYGEGIS	KTGELLK	IASDLDIKKAGAWYSYK	311	
NTDB id 194 SPR RS08825 WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETN	VGKETKIKVVKNKVAPPFK	EAVVEIMYGEGIS	KTGELLK	IASDLDIKKAGAWYSYK	311	
NTDB id 159 SP RS09750 WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETN	VGKETKIKVVKNKVAPPFK	EAVVEIMYGEGIS	KTGELLK	IASDLDIKKAGAWYSYK	311	
NTDB id 499 SM12261 RS08315 WP 078228268.1	SVRLDVRGSTQIKGTG.DQKDTN	VGKETKIKVVKNKVAPPFK	EAFVEIMYGEGIS	KTGELLK	IASDLDIKKAGAWYSYK	311	
NTDB id 527 SMSK321 RS11065 WP 001085454.1	SVRLDVRGSTQIKGTG.DQKDTN	VGKETKIKVVKNKVAPPFK	EAFVEIMYGEGIS	KTGELLK	IASDLDIKKAGAWYSYK	311	
NTDB id 408 SMU RS09530 WP 002262392.1	SVRLDVRGNTQIKGTG.EQKDSN	IGKETKIKVVKNKVAPPFK	EAFVEIITYGEGIS	RTELVK	IASDLGIIQKAGAWYSYN	311	
NTDB id 453 Spy49 1753c ACI62003.1	SVRLDVRGTTQIKGTG.DQKDSI	IGKETKIKVVKNKVAPPFK	VAEVEIMYGEGIS	RTELVK	IASDLDIQKAGAWFSYN	311	
NTDB id 625 LCA RS02525 WP 011374196.1	TVRLEVRRAETIKNGT....DM	IGNRARIKVVKNKVAPPFK	VAEVDIMYGGIS	RTELV	MAVEKDIINKSGSWYSYG	294	
NTDB id 115 BSU 16940 NP 389576.2	SVRLEVRRAEQLKQGN....DV	MGNKTKIKVVKNKVAPPFR	TAEVDIMYGGIS	KEGEI	IDLGTELDIVQKSGSWYSYE	292	
NTDB id 1313 DR RS12030 WP 010888966.1	SVRLDVRKIGQ....PTKVGND	AVANTVKIKTVKNKVA	APFKEVELALVYGK	GFDQLSDLV	GLAADMIIKKAGSFYSYG	307	
NTDB id 1245 Cj1673c YP 002345041.1	SVRLDVRKVAT....L.KQNE	EPIGNRVKIKVVKNKVAPPFR	QAEFDVMFGE	LSREGEL	IDYGVKLDIVDKSGAWFSYK	294	
NTDB id 1214 NCTC11637 00359 SQJ03206.1	SVRIDIRRIAA....L.KQNE	QHIGNRAKIKVVKNKVAPPFR	EAEFDIMFGE	GISKEGEI	IDYGVKLDIVDKSGAWLSYQ	296	
NTDB id 1211 C694 RS00795 WP 000963128.1	SVRIDIRRIAS....L.KQNE	QHIGNRAKIKVVKNKVAPPFR	EAEFDIMFGE	GISKEGEI	IDYGVKLDIVDKSGAWLSYQ	296	
NTDB id 1334 RAOC RS04870 WP 004918236.1	SVRIDIRRLS	DTGKIKDKSGEVI	GNRTKIKVVKNKVAPPFK	S	AEFDIMYGGVSKVGEI	LDVATDLDIQKSGSWFSYQ	307
NTDB id 1389 A4U84 RS07560 WP 021112712.1	SVRLDIRRCGV....V.KDG	DEIIGSETKIKVVKNKVAPPFR	EVQFDIMYGGIS	RMNEL	LILAEANGFIKKSGAWFSYD	310	
NTDB id 1130 NGFG RS03960 WP 003688695.1	SVRLDIRRTGS....I.KKG	EEVLGNETRVKVIKKNVAPPFR	QAEFDILYGE	GISWEGEL	IDIGVKNDIINKSGAWYSYN	294	
NTDB id 1124 NGFG RS03960 WP 003688695.1	SVRLDIRRTGS....I.KKG	EEVLGNETRVKVIKKNVAPPFR	QAEFDILYGE	GISWEGEL	IDIGVKNDIINKSGAWYSYN	294	
NTDB id 1123 OK783 RS03845 WP 003688695.1	SVRLDIRRTGS....I.KKG	EEVLGNETRVKVIKKNVAPPFR	QAEFDILYGE	GISWEGEL	IDIGVKNDIINKSGAWYSYN	294	
NTDB id 1427 RS RS02760 WP 011000510.1	SVRLDIRRIGS....I.KKG	DEVGNETKIKVVKNKVAPPFR	EAFDILYGAG	VSR	EGEIIDLGVEAKVVEKSGAWYSYN	302	
NTDB id 1165 A1552VC RS01565 WP 000344154.1	SVRLDIRRTGA....I.KEG	EEVVGNETRIKVVKNKIA	APFKEANTQIMYGG	GFNREGEL	IDLGVKHKMVEKSGAWYSYN	293	
NTDB id 1142 GTF74 RS11550 WP 000344154.1	SVRLDIRRTGA....I.KEG	EEVVGNETRIKVVKNKIA	APFKEANTQIMYGG	GFNREGEL	IDLGVKHKMVEKSGAWYSYN	293	
NTDB id 1022 ACIAD RS06390 WP 004925639.1	SVRLDIRRIGQ....V.KEG	DEIIGSETKIKVVKNKM	APPFREAI	IFQI	LYGKGNQLGELVDLAVQQNIVQKAGAWYSYQ	293	
NTDB id 1074 ABD1 RS10195 WP 000344167.1	SVRLDIRRIGQ....V.KEG	DEIIGSETKIKVVKNKM	APPFREAI	IFQI	LYGKGNQLGELVDLAVQQDIVQKAGAWYSYQ	293	
NTDB id 1205 PSJM300 05545 AFN77183.1	SVRLDIRRTGA....V.KEG	DEVVGS	ETRVKVVKNKVAPPFR	QAEFQI	LYGKGIYENGEIIDLGVQQGLVEKSGAWAYK	293	
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consensus

non conserved
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 ≥ 50% conserved