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NTDB id 600 KW2 RS01765 WP 011675413.1	SVRLDVRGSTKIEEGS.GDNKTQIGK	ITKIKVVKNKVAPPFKVALVDIMFGEGISSTGELINIAVEEGI	I	IKKSGAWFAYN	312	
NTDB id 269 KZH43 RS08665 WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETN	VGKETKIKVVKNKVAPPFKAEVVEIMYGEGISKTGELLKIASDL	DI	IKKAGAWYSYK	311	
NTDB id 228 SPD RS09265 WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETN	VGKETKIKVVKNKVAPPFKAEVVEIMYGEGISKTGELLKIASDL	DI	IKKAGAWYSYK	311	
NTDB id 194 SPR RS08825 WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETN	VGKETKIKVVKNKVAPPFKAEVVEIMYGEGISKTGELLKIASDL	DI	IKKAGAWYSYK	311	
NTDB id 159 SP RS09750 WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETN	VGKETKIKVVKNKVAPPFKAEVVEIMYGEGISKTGELLKIASDL	DI	IKKAGAWYSYK	311	
NTDB id 499 SM12261 RS08315 WP 078228268.1	SVRLDVRGSTQIKGTG.DQKDTN	VGKETKIKVVKNKVAPPFKAEFVEIMYGEGISKTGELLKIASDL	DI	IKKAGAWYSYK	311	
NTDB id 527 SMSK321 RS11065 WP 001085454.1	SVRLDVRGSTQIKGTG.DQKDTN	VGKETKIKVVKNKVAPPFKAEFVEIMYGEGISKTGELLKIASDL	DI	IKKAGAWYSYK	311	
NTDB id 408 SMU RS09530 WP 002262392.1	SVRLDVRGNTQIKGTG.EQKDSN	IGKETKIKVVKNKVAPPFKAEFVEIITYGEGISRTGELVKIASDL	GI	IQQKAGAWYSYK	311	
NTDB id 453 Spy49 1753c ACI62003.1	SVRLDVRGTTQIKGTG.DQKDS	IGKETKIKVVKNKVAPPFKVAEVEIMYGEGISRTGELVKIASDL	DI	IQQKAGAWFSYN	311	
NTDB id 115 BSU 16940 NP 389576.2	SVRLEVRRAEQLKQGN.....D	MGNKTKIKVVKNKVAPPFR	TAEVDIMYGEGISKEGEI	IDLGTELDIVQKSGSWYSYE	292	
NTDB id 625 LCA RS02525 WP 011374196.1	TVRLEVRRAEIKNGT.....D	MGNRARIKVVKNKVAPPFKVAEVD	IMYGEGISRTGELVDMAVEKDI	IINKSGSWYSYG	294	
NTDB id 1313 DR RS12030 WP 010888966.1	SVRLDVRKIGQ....PTKVGND	AVANTVKIKTKVKNKVAAPFKEVELALVY	GKGFQDLSDLVGLAADMDI	IKKAGSFYSYG	307	
NTDB id 1245 Cj1673c YP 002345041.1	SVRLDVRKVAT....L.KQNEEP	IGNRVKIKVVKNKVAPPFRQAEFDV	MFGEGLSREGELIDYGVKLDIV	DKSGAWFSYK	294	
NTDB id 1211 C694 RS00795 WP 000963128.1	SVRIDIRRIAS....L.KQNEQH	IGNRAKIKVVKNKVAPPFRQAEFD	IMYGEGISKEGEI	IDYGVKLDIVDKSGAWLSYQ	296	
NTDB id 1214 NCTC11637 00359 SQJ03206.1	SVRIDIRRIAA....L.KQNEQH	IGNRAKIKVVKNKVAPPFRQAEFD	IMYGEGISKEGEI	IDYGVKLDIVDKSGAWLSYQ	296	
NTDB id 1334 RAOC RS04870 WP 004918236.1	SVRIDIRRLSDTGKIKDKSGEV	IGNRTKIKVVKNKVAPPFKSAEFD	IMYGEGVSKVGEILDVATDL	DI	IQQKSGSWFSYQ	307
NTDB id 1389 A4U84 RS07560 WP 021112712.1	SVRLDIRRCGV....V.KGDDEI	IGSETKIKVVKNKVAPPFRQAEFD	IMYGEGISRMNELLILAEANGFI	IKKSGAWFSYD	310	
NTDB id 190853 A6L33 RS10395 WP 002216923.1	SVRLDIRRTGS....I.KKGEV	LGNETRVKVIKKNVAPPFRQAEFD	DILYEGEGISWEGELIDIGVKN	DI	IINKSGAWYSYN	294
NTDB id 1130 NGFG RS03960 WP 003688695.1	SVRLDIRRTGS....I.KKGEV	LGNETRVKVIKKNVAPPFRQAEFD	DILYEGEGISWEGELIDIGVKN	DI	IINKSGAWYSYN	294
NTDB id 1124 NGFG RS03960 WP 003688695.1	SVRLDIRRTGS....I.KKGEV	LGNETRVKVIKKNVAPPFRQAEFD	DILYEGEGISWEGELIDIGVKN	DI	IINKSGAWYSYN	294
NTDB id 1123 OK783 RS03845 WP 003688695.1	SVRLDIRRTGS....I.KKGEV	LGNETRVKVIKKNVAPPFRQAEFD	DILYEGEGISWEGELIDIGVKN	DI	IINKSGAWYSYN	294
NTDB id 1427 RS RS02760 WP 011000510.1	SVRLDIRRIGS....I.KKGEV	VGNETKIKVVKNKVAPPFRQAEFD	DILYGAGVSREGEI	IDLGVEAKVVEKSGAWYSYN	302	
NTDB id 1165 A1552VC RS01565 WP 000344154.1	SVRLDIRRTGA....I.KEGEV	VGNETRIKVVKNKIAAPFKEANTQ	IMYGQGFNREGELIDLGVKHKM	VEKSGAWYSYN	293	
NTDB id 1142 GTF74 RS11550 WP 000344154.1	SVRLDIRRTGA....I.KEGEV	VGNETRIKVVKNKIAAPFKEANTQ	IMYGQGFNREGELIDLGVKHKM	VEKSGAWYSYN	293	
NTDB id 1205 PSJM300 05545 AFN77183.1	SVRLDIRRTGA....V.KEGDEV	VGSETRVKVVKNKVAPPFRQAEFQ	IILYGKGIYRNGEIDLGVQQGL	VEKSGAWYAYK	293	
NTDB id 1022 ACIAD RS06390 WP 004925639.1	SVRLDIRRIGQ....V.KEGDEI	IGSETKIKVVKNKMAPPFREAI	FQILYGKGVNQLGELVDLAVQQ	NIVQKAGAWYSYQ	293	
NTDB id 1074 ABD1 RS10195 WP 000344167.1	SVRLDIRRIGQ....V.KEGDEI	VGSETKIKVVKNKMAPPFKEAI	FQILYGKGTNQLGELVDLAVQQ	DIVQKAGAWYSYQ	293	
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consensus

 non conserved
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