

Table S4. Disrupted genes that resulted from SSR-mediated frameshift mutations in *B. mallei* and *B. pseudomallei*.

IS407A	disrupted by IS407A
genomic-del	removed by large genomic deletion
o	disrupted gene
absent	either deletion in the strain or insertion in K96243

locus	protein	<i>B. mallei</i>										<i>B. pseudomallei</i>							
		ATCC23344	FMH	JHU	βB8 horse	ATCC 10399	10229	10247	2002721280	SAVP1	PRL-20	1106a	1106b	1710a	1710b	406e	668	Pasteur	S13
BPSL0006	hypothetical protein BPSL0006	o	o	o	o	o	o	o	o	o									
BPSL0035	hypothetical protein BPSL0035																o		
BPSL0223	putative acyl-CoA dehydrogenase	o	o	o	o	o	o	o	o	o									
BPSL0258	hypothetical protein BPSL0258	o	o	o	o	o	o	o	o	o									
BPSL0269	flagellar basal body P-ring biosynthesis p	o	o	o	o	o	o	o	o	o									
BPSL0276	flagellar L-ring protein precursor	o	o	o	o														
BPSL0308	hypothetical protein BPSL0308				o														
BPSL0321	hypothetical protein BPSL0321							o											
BPSL0347	putative insertion element protein	genomic-del										o	o			o	absent		o
BPSL0371	acetyl-CoA acetyltransferase									o	o								
BPSL0377	hypothetical protein BPSL0377	genomic-del												o	o				o
BPSL0405	hypothetical protein BPSL0405													o					
BPSL0426	C4-dicarboxylate transport sensor protein	o	o	o	o	o	o	o	genomic-del	o	o								
BPSL0492	hypothetical protein BPSL0492										o	o	o	o	o		o	o	o
BPSL0578	dienelactone hydrolase family protein	genomic-del																	o
BPSL0589	hypothetical protein BPSL0589	IS407A	IS408A	IS409A	IS410A	IS411A	IS412A	IS413A	IS414A	IS415A	IS416A		o	o	o		o		
BPSL0662	hypothetical protein BPSL0662	o	o	o	o	o	o	o	o	o	o								
BPSL0681	hypothetical protein BPSL0681	o	o	o	o	o	o	o	o	o	o								
BPSL0703	putative two-component sensor histidine kinase																		o
BPSL0726	hypothetical protein BPSL0726	genomic-del												o	o		o		o
BPSL0735	hypothetical protein BPSL0735	genomic-del																	o
BPSL0787	hypothetical protein BPSL0787	o	o	o	o														
BPSL0828	putative tagatose 6-phosphate kinase pr	o	o	o	o	o	o	o	o	o									
BPSL0860	putative hydrolase																		o
BPSL0862	putative methylated-DNA--protein-cysteine methyltransferase										o	o	o	o		o	o	o	
BPSL0878	tetraacyldisaccharide 4'-kinase	o																	
BPSL0882	putative chromate transporter protein		o			genomic-del													
BPSL0898a	ATP-dependent Clp protease adaptor protein ClpS							o											
BPSL0917	putative DNA repair protein												o						absent
BPSL0922	putative ABC transporter ATP-binding protein							genomic-del		o									absent
BPSL0954	hypothetical protein BPSL0954												o	o					absent
BPSL0967	hypothetical protein BPSL0967										o								absent
BPSL0970	putative isoleucine biosynthesis transcript	o	o	o	o	o	o	o	o	o									
BPSL0976	putative outer membrane receptor protein											o							
BPSL0977	putative transmembrane ABC transporter permease														o				
BPSL1007	putative fimbriae usher protein											o							
BPSL1014	hypothetical protein BPSL1014														o				
BPSL1038a	hypothetical protein BPSL1038a															o			
BPSL1041	hypothetical protein BPSL1041	genomic-del												o	o			o	
BPSL1114	putative ATP-dependent RNA helicase 2													o					
BPSL1117	DNA polymerase III subunit alpha													o					
BPSL1128	putative lipoprotein														o				
BPSL1133	hypothetical protein BPSL1133															o			o
BPSL1174	two-component system, sensor kinase pr	o	o	o	o	o	o	o	o	o									
BPSL1179	hypothetical protein BPSL1179												o						

