

Table S3. *In vivo* phenotype of PN4595-T23 WT and isogenic mutants in a chinchilla model of pneumococcal disease

Strain	Strains & Phenotype			<i>P</i> -values		
	PN4595-T23 (WT)	Δ <i>phrA2-ABC</i>	Δ <i>tprA2</i>	WT vs Δ <i>phrA2-ABC</i>	WT vs Δ <i>tprA2</i>	Δ <i>tprA2</i> vs Δ <i>phrA2-ABC</i>
Mortality	14/19 (74%)	7/10 (70%)	7/10 (70%)	NS	NS	NS
Bacteria in the Brain	18/19 (95%)	8/10 (80%)	8/10 (80%)	NS	NS	NS
Bacteria in the Lung	10/19 (52%)	2/10 (20%)	8/10 (80%)	0.048	NS	0.0041