



S1 and Table S1. Growth patterns of all single and combinatorial *B. anthracis* mutant strains. This supplemental figure contains all strains described in this work, including those from Figure 2. It should be noted that any mutant strain included here that was not in Figure 2 grew as well as wild-type. All cultures were inoculated with actively growing vegetative bacilli at an initial OD₆₀₀ of 0.05. Growth was monitored hourly by measuring OD₆₀₀. Table S1 contains the optical density (600nm) of all strains tested in this study at 6 hours growth in IDM.

Table S1. Growth of all single and combinatorial *B. anthracis* mutant strains in IDM

Strain/ Genotype	Optical Density (600nm) at 6hours
Sterne 34F2	0.645
34F2, $\Delta asbABCDEF$	0.313
34F2, $\Delta fpuA$	0.320
34F2, $\Delta fpuB$	0.624
34F2, $\Delta fatCD$	0.641
34F2, $\Delta fpuB\Delta fatCD$	0.279
34F2, $\Delta GBAA0616-0617$	0.635
34F2, $\Delta GBAA3865-3866$	0.648
34F2, $\Delta GBAA4596$	0.644
34F2, $\Delta fpuC$	0.639
34F2, $\Delta fpuD$	0.628
34F2, $\Delta GBAA5629$	0.603
34F2, $\Delta GBAA4784$	0.625
34F2, $\Delta GBAA3864$	0.645
34F2, $\Delta fatE$	0.659
34F2, $\Delta fpuB\Delta fatE$	0.277
34F2, $\Delta fatCD\Delta fpuC$	0.596
34F2, $\Delta fatCD\Delta fpuD$	0.656
34F2, $\Delta fatCD\Delta fpuC\Delta fpuD$	0.299
34F2, $\Delta fpuC\Delta fpuD$	0.644
34F2, $\Delta fatE\Delta fpuC$	0.654
34F2, $\Delta fatE\Delta fpuD$	0.607
34F2, $\Delta fatE\Delta fpuC\Delta fpuD$	0.306