

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Full proteomic dataset for LESB65 and $\Delta pmrB$ during exponential growth in broth.

File Name: Supplementary Data 2

Description: Full proteomic dataset for LESB65, $\Delta pmrB$ and *pmrB* SNP during exponential growth in broth.

File Name: Supplementary Data 3

Description: ChemDraw file for the hexa-acylated LPS structure in Supplementary Figure 6.

File Name: Supplementary Data 4

Description: ChemDraw file for the penta-acylated LPS structure in Supplementary Figure 6.