**Ultrafast and cost-effective pathogen identification and resistance gene detection in a clinical setting using Nanopore Flongle sequencing**

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**Supplementary** **Figures**

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**1**

**2**

**5**

**3**

**1000 bp**

**847 bp**

**4**

Supplementary Figure 1. TEM-1 specific PCR. Lane 1: 1KB DNA Ladder, Lane 2: E. coli 101 (Negative control), Lane 3: E. coli 125, Lane 4: E. coli A2-39 (Positive control), Lane 5: PCR control (No DNA).



Supplementary Figure 2. Taxonomic assignment of Flongle sequencing reads from spiked blood cultures throughout the runs.