**Supplemental 2A. Active pore available for sequencing for Run 1.** This graph shows the number of pores available on ONT MinION sequencer throughout the sequencing run for the first run. Run time was 16 hours.

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**Supplemental 2B. Active pore available for sequencing for Run 2.** This graph shows the number of pores available on ONT MinION sequencer throughout the sequencing run for the second run. Run time was 24 hours.

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