# **S1 Table1– timings for methods tested**

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|  | **Comparators** |
| **Culture length** | MGIT or 7H112 weeks | MGIT or 7H113 weeks | MGIT or 7H114 weeks |
| **DNA extraction (12 samples)** | Precipitation CTAB1.5 days | Spin-column CTAB1 day |  |
| **Library preparation (12 samples)** | RPB004 (PCR)~6 hours | RBK004 (native)~2 hours | RBK110.96 (native)~2 hours |
| **Basecalling algorithm (per barcode)** | Fast15 minutes | HAC205 minutes | SUP>36 hours |
| **Analysis software** | TB-ProfilerComputing power/server speed dependent | MykrobeComputing power/server speed dependent |  |