**Supplemental Table 1.** Summary of bacterial 16S rRNA sequencing read-depth and biodiversity.

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| **Mode1** | **Sample type2** | **Reads** | **Goods (%)** | **Richness (SChao1)** | **Evenness (H/Hmax)** | **Complexity (Shannon H)** |
| VAG | REC | 134400 (130000-165900) | 99.9 (99.8-99.9) | 69.3 (61.1-79.3) | 0.58 (0.53-0.66) | 3.2 (3.0-4.0) |
| VAG | 211700 (92710-238900) | 99.9 (99.8-99.9) | 45.0 (34.8-60.3) | 0.14 (0.07-0.30) | 0.9 (0.3-1.4) |
| ASP | 206000 (167200-309600) | 99.9 (99.9-99.9) | 47.4 (35.8-64.6) | 0.50 (0.35-0.70) | 2.6 (1.9-3.7) |
| FEC 0 | 100300 (88140-133400) | 99.9 (99.9-99.9) | 29.4 (23.3-55.8) | 0.45 (0.40-0.55) | 2.0 (1.6-3.0) |
| FEC 2 | 117300 (88900-137300) | 99.9 (99.9-99.9) | 27.9 (23.1-31.5) | 0.54 (0.49-0.57) | 2.3 (2.0-2.6) |
| FEC 6 | 136300 (111200-224000) | 99.9 (99.9-100) | 24.9 (21.4-32.3) | 0.57 (0.49-0.59) | 2.5 (2.1-2.6) |
| Csec | REC | 115200 (96020-164400) | 99.9 (99.8-99.9) | 74.7 (70.2-80.9) | 0.65 (0.55-0.69) | 3.9 (3.3-4.2) |
| VAG | 224100 (201700-256000) | 99.9 (99.9-99.9) | 38.7 (26.6-47.7) | 0.13 (0.09-0.16) | 0.6 (0.4-0.7) |
| ASP | 134300 (93170-211000) | 99.9 (99.9-99.9) | 35.9 (30.2-43.1) | 0.65 (0.60-0.69) | 3.4 (2.8-3.5) |
| FEC 0 | 69870 (37200-81990) | 99.9 (99.9-99.9) | 45.2 (33.6-75.0) | 0.32 (0.17-0.55) | 1.7 (0.92-3.1) |
| FEC 2 | 92180 (82480-99230) | 99.9 (99.9-99.9) | 29.0 (27.3-31.4) | 0.49 (0.34-0.53) | 2.2 (1.5-2.4) |
| FEC 6 | 113200 (89530-131600) | 99.9 (99.9-99.9) | 36.6 (31.5-42.1) | 0.58 (0.53-0.59) | 2.7 (2.6-3.0) |

1 Mode of delivery. VAG: vaginal delivery; Csec: cesarean delivery.

2 Location and timing of sample collection. REC: maternal rectal swab collected before delivery; VAG: maternal vaginal swab collected before delivery; ASP: infant oropharyngeal aspirate collected minutes after birth; FEC 0: infant fecal specimen collected approximately 36 hours following birth; FEC 2: infant fecal specimen at 2 weeks age; FEC 6: infant fecal specimen at 6 weeks age. Median (Interquartile range) are provided.