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| --- | --- | --- | --- |
| **Taxonomy** | **Koala\_1** | **Koala\_2** | **Koala\_3** |
| k\_\_*Bacteria* | 81.83 | 79.13 | 77­­.16 |
|  p\_\_*Bacteroidetes* | 21.21 | 13.73 | 16.49 |
|  c\_\_*Bacteroidia* | 21.19 | 13.65 | 16.44 |
|  o\_\_*Bacteroidales* | 21.19 | 13.65 | 16.44 |
|  f\_\_*Bacteroidaceae* | 7.79 | 5.16 | 4.07 |
|  g\_\_*Bacteroides* | 7.78 | 5.16 | 4.06 |
|  f\_\_*Porphyromonadaceae* | 0.80 | 0.81 | 1.29 |
|  g\_\_*Parabacteroides* | 0.76 | 0.81 | 1.19 |
|  f\_\_*Rikenellaceae* | 1.40 | 0.33 | 1.49 |
|  g\_\_unclassified | 1.27 | 0.33 | 1.30 |
|  f\_\_*S24-7* | 10.55 | 5.63 | 8.78 |
|  g\_*\_*unclassified | 10.55 | 5.63 | 8.78 |
|  f\_\_unclassified | 0.48 | 1.54 | 0.53 |
|  p\_\_*Cyanobacteria* | 5.92 | 6.00 | 9.00 |
|  c\_\_*4C0d-2* | 5.92 | 5.99 | 9.00 |
|  o\_\_*YS2* | 5.92 | 5.98 | 9.00 |
|  f\_\_unclassified | 5.92 | 5.98 | 9.00 |
|  p\_\_*Firmicutes* | 33.79 | 29.18 | 39.67 |
|  c\_\_*Clostridia* | 33.06 | 28.96 | 38.86 |
|  o\_\_*Clostridiales* | 33.05 | 28.93 | 38.86 |
|  f\_\_*Clostridiaceae* | 0.52 | 0.32 | 1.05 |
|  g\_\_*Clostridium* | 0.51 | 0.32 | 1.03 |
|  f\_\_*Lachnospiraceae* | 8.21 | 2.84 | 5.83 |
|  g\_\_*Blautia* | 0.84 | 0.12 | 0.44 |
|  g\_\_unclassified | 6.87 | 2.52 | 5.00 |
|  f\_\_*Ruminococcaceae* | 16.45 | 17.60 | 25.28 |
|  g\_\_*Oscillospira* | 1.85 | 0.29 | 2.20 |
|  g\_\_*Ruminococcus* | 0.16 | 0.03 | 1.51 |
|  g\_\_*unclassified* | 14.44 | 17.28 | 21.50 |
|  f\_\_*Veillonellaceae* | 1.53 | 1.44 | 1.24 |
|  g\_\_*Phascolarctobacterium* | 1.45 | 1.43 | 1.18 |
|  f\_\_unclassified | 6.27 | 6.45 | 5.40 |
|  Other | 0.73 | 0.21 | 0.81 |
|  p\_\_*Planctomycetes* | 0.78 | 1.32 | 0.58 |
|  c\_\_*vadinHA49* | 0.78 | 1.32 | 0.58 |
|  o\_\_*PeHg47* | 0.78 | 1.32 | 0.58 |
|  f\_\_unclassified | 0.78 | 1.32 | 0.58 |
|  p\_\_*Proteobacteria* | 14.39 | 17.05 | 8.21 |
|  c\_\_*Betaproteobacteria* | 5.11 | 2.90 | 2.36 |
|  o\_\_*Burkholderiales* | 1.04 | 1.27 | 0.34 |
|  f\_\_*Alcaligenaceae* | 0.58 | 0.95 | 0.11 |
|  g\_\_*Sutterella* | 0.50 | 0.95 | 0.07 |
|  o\_\_*Rhodocyclales* | 3.48 | 1.11 | 1.78 |
|  f\_\_*Rhodocyclaceae* | 3.48 | 1.11 | 1.78 |
|  g\_\_unclassified | 2.33 | 0.38 | 1.15 |
|  Other | 1.15 | 0.73 | 0.63 |
|  o\_\_unclassified | 0.47 | 0.51 | 0.20 |
|  c\_\_*Deltaproteobacteria* | 1.92 | 1.60 | 1.53 |
|  o\_\_*Desulfovibrionales* | 1.71 | 1.58 | 1.42 |
|  f\_\_*Desulfovibrionaceae* | 1.70 | 1.58 | 1.42 |
|  g\_\_unclassified | 1.32 | 1.19 | 1.13 |
|  c\_\_*Gammaproteobacteria* | 7.29 | 12.24 | 4.30 |
|  o\_\_*Aeromonadales* | 6.19 | 10.97 | 2.99 |
|  f\_\_*Succinivibrionaceae* | 6.19 | 10.97 | 2.99 |
|  g\_\_*Succinatimonas* | 6.18 | 10.88 | 2.98 |
|  o\_\_*Enterobacteriales* | 0.74 | 1.03 | 1.08 |
|  f\_\_*Enterobacteriaceae* | 0.74 | 1.03 | 1.08 |
|  g\_\_unclassified | 0.60 | 0.92 | 0.90 |
|  p\_\_*Synergistetes* | 3.86 | 9.03 | 2.12 |
|  c\_\_*Synergistia* | 3.86 | 9.03 | 2.12 |
|  o\_\_*Synergistales* | 3.86 | 9.03 | 2.12 |
|  f\_\_*Synergistaceae* | 3.86 | 8.95 | 2.12 |
|  g\_\_*Synergistes* | 3.70 | 8.70 | 2.05 |
|  p\_\_*Verrucomicrobia* | 1.38 | 0.03 | 0.70 |
|  c\_\_*Verrucomicrobiae* | 1.33 | 0.03 | 0.56 |
|  o\_\_*Verrucomicrobiales* | 1.33 | 0.03 | 0.56 |
|  f\_\_*Verrucomicrobiaceae* | 1.33 | 0.03 | 0.56 |
|  g\_\_*Akkermansia* | 1.30 | 0.03 | 0.53 |
|  p\_\_unclassified | 0.08 | 2.76 | 0.08 |
| k\_\_unmapped | 18.14 | 20.52 | 22.81 |