|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **OMiAT** | **Opt. MiRKAT** | **aMiSPU** | **Aggregate-based** |
| **Kingdom** | *Bacteria* | *Bacteria* | *Bacteria* |  |
| **Phylum** | *Bacteroidetes**Firmicutes**Proteobacteria**Verrucomicrobia* | *Bacteroidetes**Firmicutes**Proteobacteria**Verrucomicrobia* | *Firmicutes**Proteobacteria**Verrucomicrobia* | *Bacteroidetes**Proteobacteria**Verrucomicrobia* |
| **Class** | *Bacteroidia**Bacilli**Clostridia**Erysipelotrichi**Gammaproteobacteria**Verrucomicrobiae* | *Bacilli**Clostridia**Erysipelotrichi**Gammaproteobacteria**Verrucomicrobiae* | *Bacilli**Clostridia**Gammaproteobacteria**Verrucomicrobiae* | *Bacteroidia**Bacilli**Gammaproteobacteria**Verrucomicrobiae* |
| **Order** | *Bacteroidales**Lactobacillales**Turicibacterales**Clostridiales**Erysipelotrichales**Enterobacteriales**Verrucomicrobiales* | *Lactobacillales* *Turicibacterales**Clostridiales**Erysipelotrichales**Enterobacteriales**Verrucomicrobiales* | *Lactobacillales* *Turicibacterales**Clostridiales**Enterobacteriales**Verrucomicrobiales* | *Bacteroidales**Lactobacillales**Turicibacterales**Enterobacteriales**Verrucomicrobiales* |
| **Family** | *Bacteroidaceae**Enterococcaceae**Lactobacillaceae**Turicibacteraceae**Clostridiaceae**Peptostreptococcaceae**Erysipelotrichaceae**Enterobacteriaceae**Verrucomicrobiaceae* | *Enterococcaceae**Lactobacillaceae**Turicibacteraceae**Clostridiaceae**Peptostreptococcaceae**Erysipelotrichaceae**Enterobacteriaceae**Verrucomicrobiaceae* | *Bacteroidaceae**Enterococcaceae**Lactobacillaceae**Turicibacteraceae**Clostridiaceae**Peptostreptococcaceae**Enterobacteriaceae**Verrucomicrobiaceae* | *Bacteroidaceae**Enterococcaceae**Lactobacillaceae**Turicibacteraceae**Clostridiaceae**Peptostreptococcaceae**Enterobacteriaceae**Verrucomicrobiaceae* |
| **Genus** | *Bacteroides**Enterococcus**Lactobacillus**Turicibacter**Blautia**Allobaculum**Klebsiella**Akkermansia* | *Enterococcus**Lactobacillus**Turicibacter* *Allobaculum**Klebsiella* | *Bacteroides**Enterococcus**Lactobacillus**Turicibacter**Blautia**Allobaculum**Klebsiella**Akkermansia* | *Bacteroides**Enterococcus**Lactobacillus**Turicibacter**Blautia**Allobaculum**Klebsiella**Akkermansia* |
| **Species** |  |  |  |  |