**Table S1: Full taxonomic classification of the constantly increasing genera**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Kingdom** | **Phylum** | **Class** | **Order** | **Family** | **Genus** |
| Bacteria | Bacteroidetes | Bacteroidia | Bacteroidales | Bacteroidaceae | *Bacteroides* |
| Bacteria | Firmicutes | Bacilli | Lactobacillales | Streptococcaceae | *Streptococcus* |
| Bacteria | Firmicutes | Clostridia | Clostridiales | Defluviitaleaceae | uncultured |
| Bacteria | Firmicutes | Clostridia | Clostridiales | Lachnospiraceae | *Dorea* |
| Bacteria | Firmicutes | Clostridia | Clostridiales | Ruminococcaceae | *Subdoligranulum* |
| Bacteria | Firmicutes | Clostridia | Clostridiales | Ruminococcaceae | NA |
| Bacteria | Firmicutes | Clostridia | Clostridiales | NA | NA |
| Bacteria | Proteobacteria | Gammaproteobacteria | Enterobacteriales | Enterobacteriaceae | *Escherichia-Shigella* |