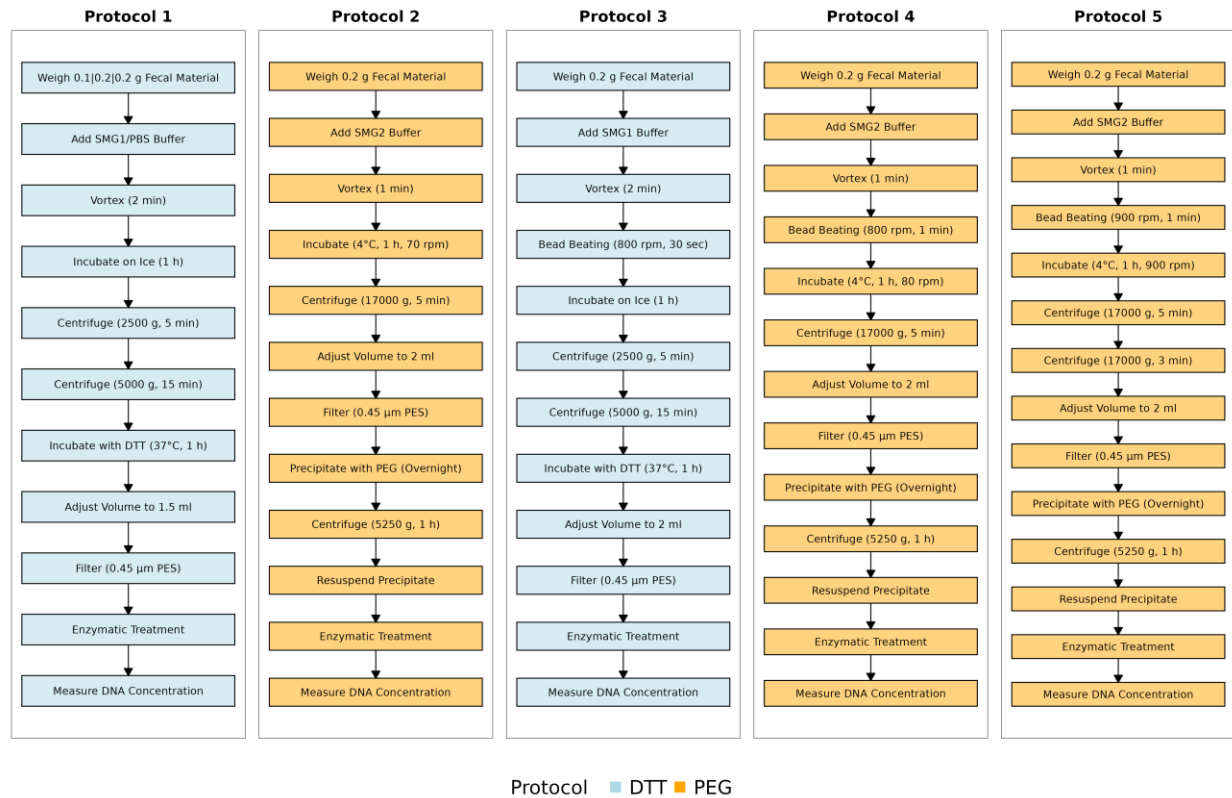# Supplementary figures

Figure S1. Flowchart of protocols for viral DNA extraction using the DTT (protocol 1 & 3) and PEG methods (protocol 2, 4 & 5). The process begins with weighing the fecal material, followed by a series of buffer additions, vortexing, and incubations. Key steps include dual centrifugation, DTT/PEG treatment, volume adjustment, filtrations, and DNase I treatment.
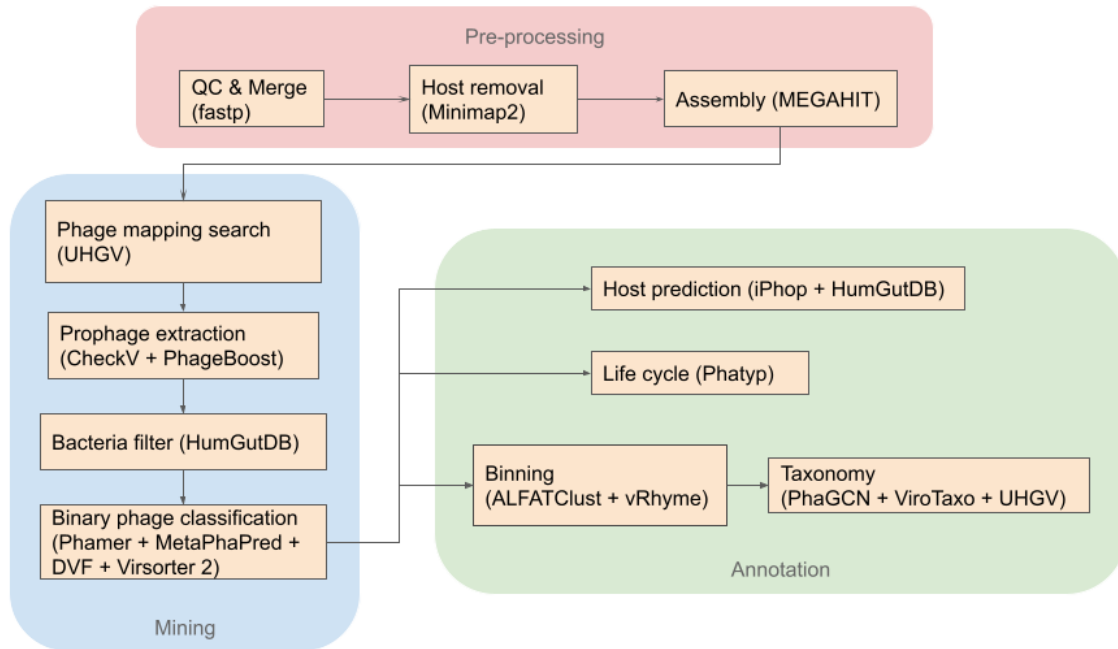
Figure S2. Bioinformatic protocol with focus on phage identification and quantification starting from raw reads, three rounds of phage classification, double binning, and different annotation levels (host, taxonomy, lifecycle and phage activity).
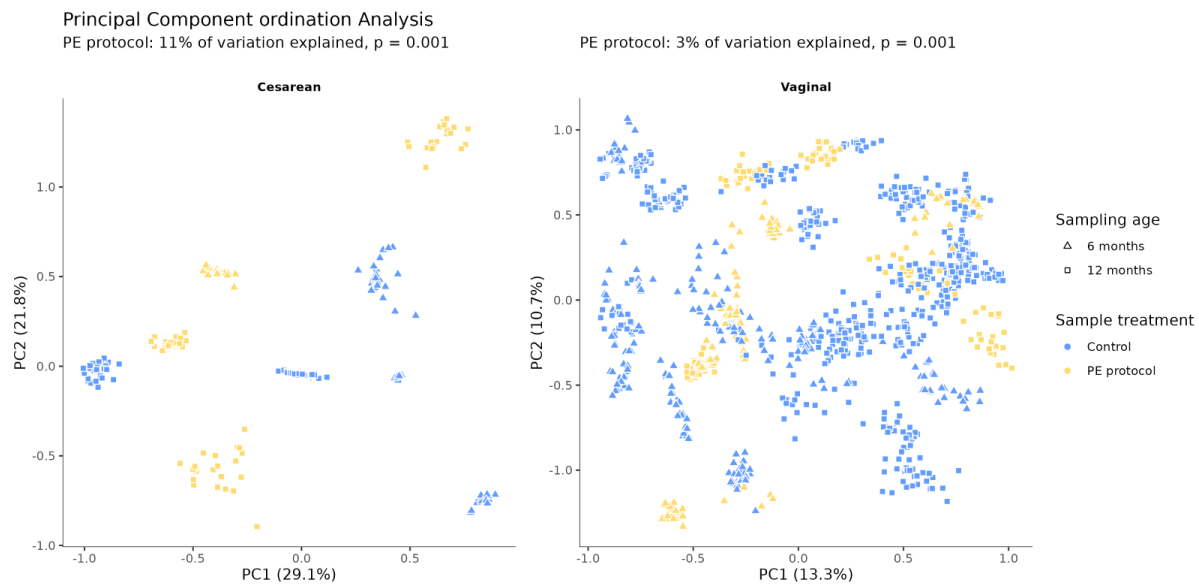

Figure S3: Principal coordinates analysis of samples (using Pearson distance). Analysis was performed using the log-transformed relative units of phages at family. Blue points represent control samples while yellow points are protocol treated samples. Triangle

shaped points represent 6-months-old infant samples and square points indicate 12-months-old samples.