



A

B

**Supplementary Figure 4. Functional Prediction Validation.** Pearson correlation (A) and pairwise Spearman Rank correlation (B) between KEGG Orthology metagenomic data (denoted by m\_) and functional KEGG Orthology prediction by PICRUSt (denoted by p\_). Numbers 1, 7, 9 and 11 represent subject codes.