Supplemental Figure S1. The microbiome overview of densely sampled saliva samples in subject ME and MO. (*A-B*) The Canberra distance and delta in Faith's PD index between every two salivary samples in ME and MO. (*C*) Microbial composition variation explained by host ID, daily activities and sampling days. (*D*) The PCoA plots colored by activities in ME and MO. (*E*) Trace plots of phylum-level taxonomy composition in ME and MO. (*F*) Trace plots of alpha diversity in ME and MO. Activity windows were marked in different background colors. Red, blue, green, and purple represent eat, brush, sleep, and exercise activities, respectively. (*G*) Taxonomy assignment for oral ASVs generated better taxonomy resolution using HOMD database compared to Greengenes. Each bar on x-axis represents an ASV and y-axis is the highest taxonomy level each ASV can be assigned with. Level 7 is species level.