



**Supplementary Fig. 3.** Bacterial summary taxonomic composition. High quality reads classified using Greengenes v. 13\_8 as the reference database. For each taxonomic rank, we aggregated operational taxonomic units then plotted the relative abundance of the most prevalent genera for type 2 diabetes mellitus categorized based on glycosylated hemoglobin (HbA1c) levels and diet fiber contents, high fiber diet (HFD) and low fiber diet (LFD).