Supplementary Figure 6 | Microbial clades showing significant associations with plasma nutrients. Since the plasma nutrients were highly correlated (**Supplementary Figure 2**), we ran a principal component analysis (PCA) and used the first principal component (PC1) for the association testing to avoid multicollinearity and reduce the number of association testing. Note that the levels of plasma nutrients decrease as the PC1 value of PCA increases (**Supplementary Table 3**), while the relative abundance of *Clostridium sensu stricto 8* showed positive correlation with plasma_nutrients (PC1 of PCA). Hence, the plasma nutrient levels were found to be negatively correlated with the relative abundance of Clostridium sensu stricto 8. FDR, false discovery rate. The significant association was set at FDR (*q-value*) < 0.25.