



Figure S4. Comparison of facultative pathogenic bacteria (*Enterobacteriaceae*, *Escherichia.Shigella*, and *Citrobacter*) and predicted lipopolysaccharide (LPS) biosynthesis capability. Barplots (mean \pm standard error of the mean) indicate the increase in facultative pathogens and predicted LPS biosynthesis capability from SHIP-2 to SHIP-3 which were both associated with diabetes mellitus. Fatty liver disease was associated with the increase in facultative pathogens. * indicates significant difference.