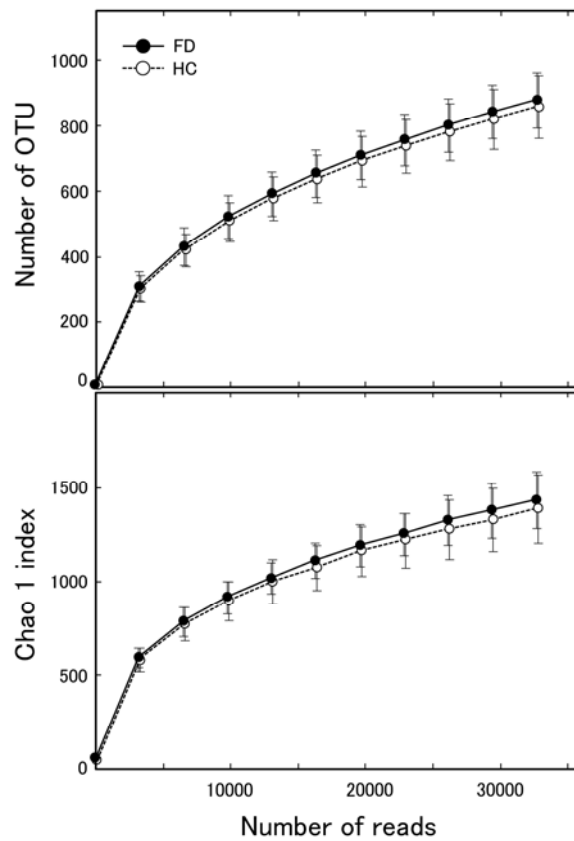


## SUPPLEMENTARY FIGURES

### Supplementary Figure 1: Analysis of the OTU number

The rarefaction curve plots the number of OTU (upper part) or Chao 1 index (lower part) as a function of the number of reads. Filled and open circles represent the samples from FD patients and HC volunteers, respectively.



Supplementary Figure 2: Intestinal type genera involved in the “32 Genera”  
The “32 Genera” shown on Figure 2 are enlarged here. Those indicated by triangles represent typical genera observed in the intestinal microbiota as mentioned in the text. The genera in the parentheses represent those recognized as top 10 major genera in the feces, which was report by Tsuda et al.<sup>20</sup>



Supplementary Figure 3: Gastric type genera involved in the “51 Genera”  
 The “51 Genera” shown on Figure 2 are enlarged here. Those indicated by triangles represent typical genera observed in the gastric microbiota as mentioned in the text. The genera in the parentheses represent those recognized as top 10 major genera in the gastric fluid, which was reported by Tsuda et al.<sup>20</sup>

