Appendix 1. Gel electrophoresis of PCR products of 16s rRNA in *Streptococcus* spp. Lane M, 10 kb ladder mix; lane 1 *Streptococcus* spp. (130bp) lane 2, negative control, lane 3, 4, 5 and 6

Appendix 2. Melting curve analysis of *Streptococcus* spp. amplicon by real time PCR.
Appendix 3. Real time PCR amplification plot for relative quantification of *Streptococcus* spp. in the fecal samples. Green lines related to IBD patients, blue lines related to controls and purple lines related to calibrator and pink related to endogenous controls.

Appendix 4. Diversity of BMI categories in IBD patients and controls.
Appendix 5. Diversity of age groups in IBD patients and control groups.