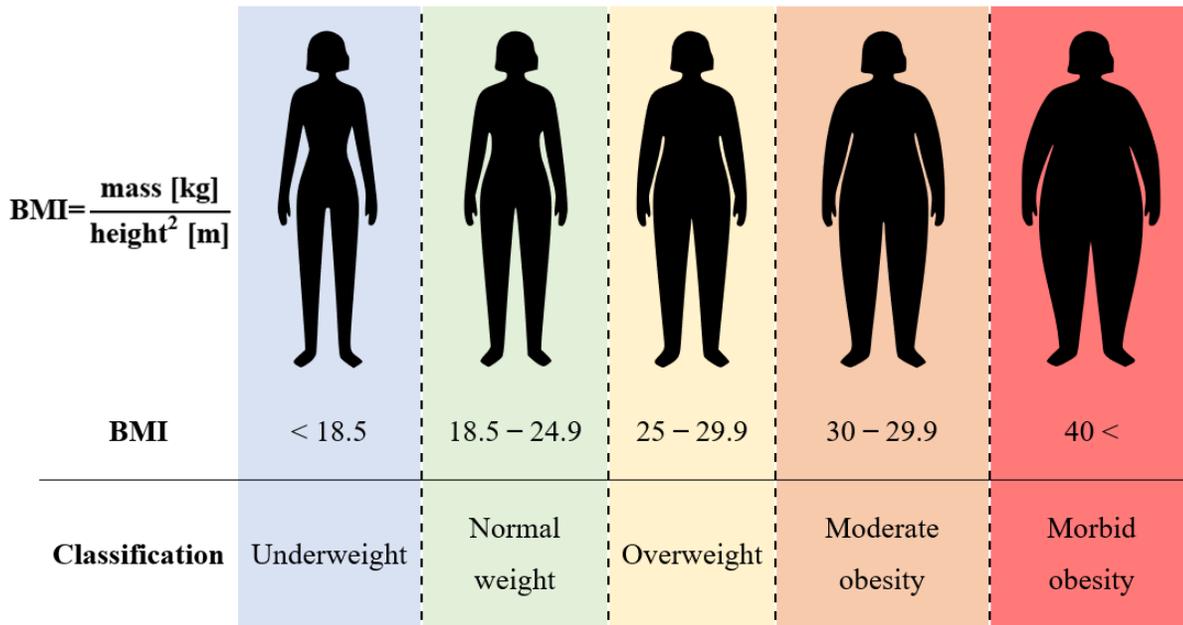


1 **Supplementary Information**

2

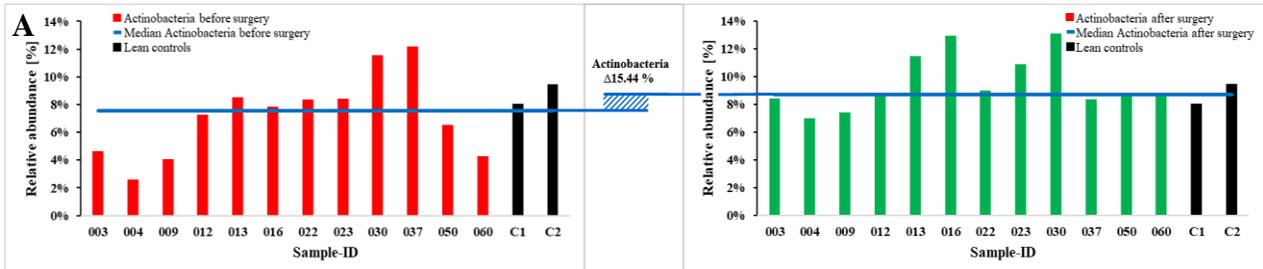


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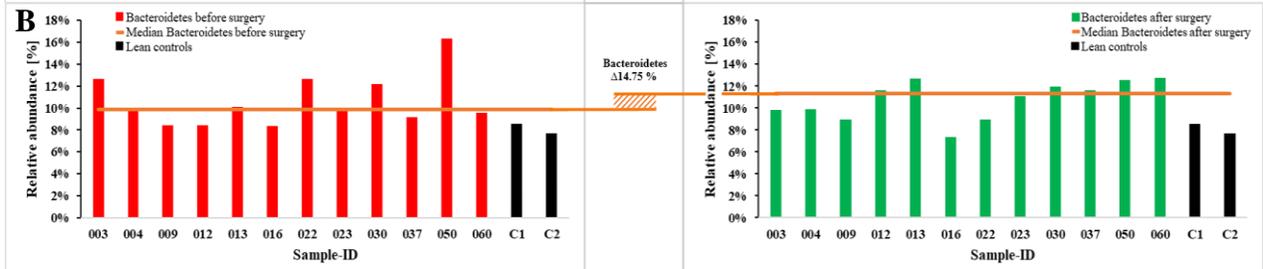
4 **Figure S1.** Classification of normal body weight and different stages of obesity by BMI-scale. The BMI is generally  
5 calculated according to the formula given in the "BMI"-field on the left.

6

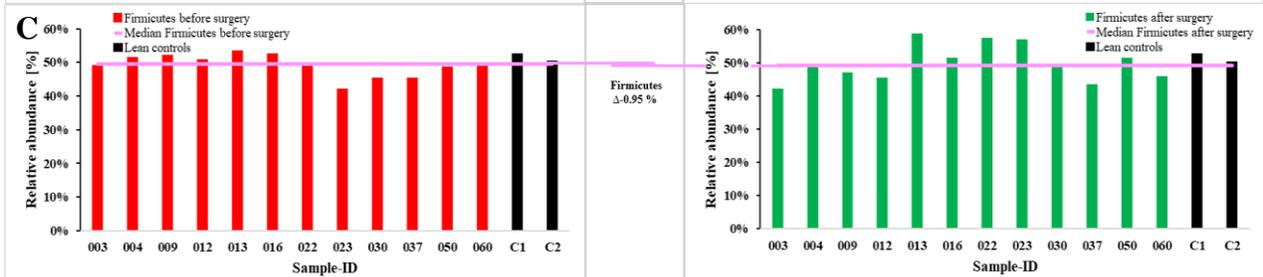
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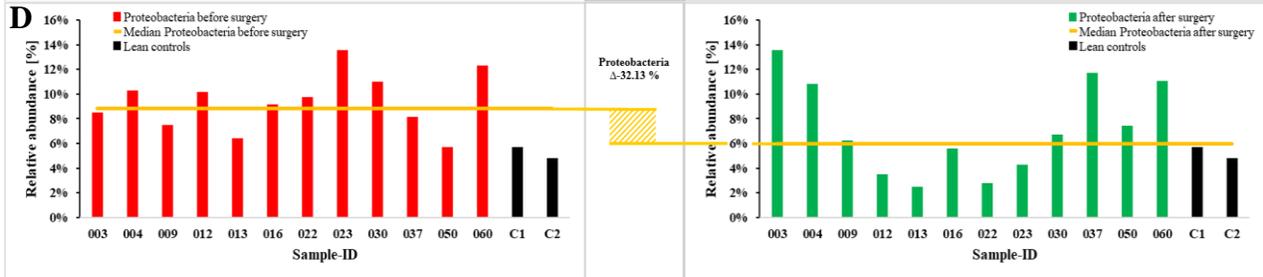
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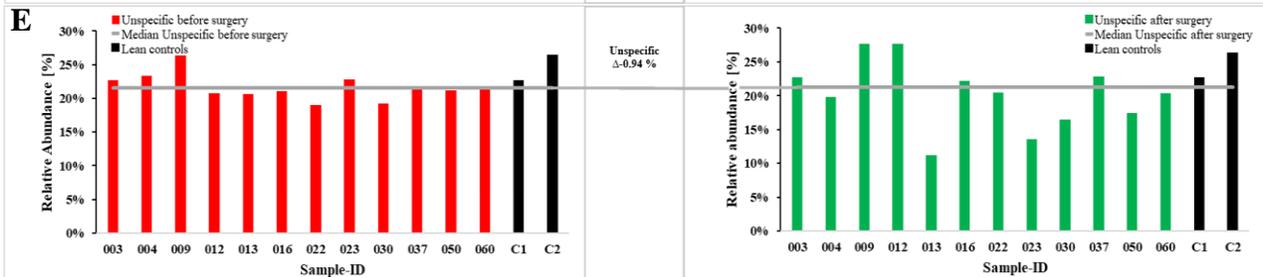
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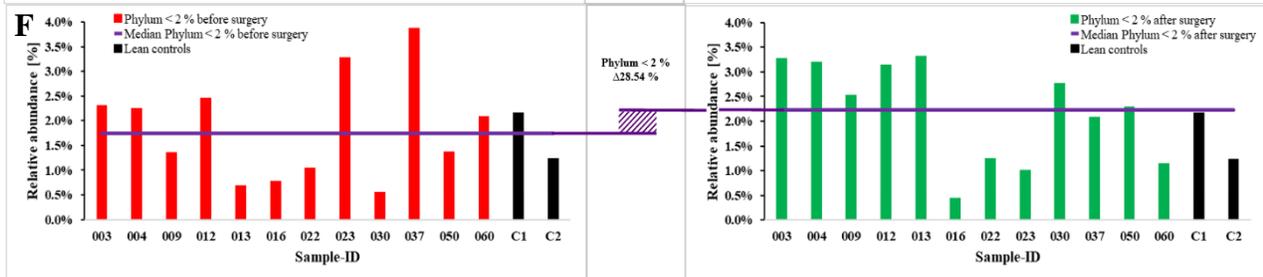
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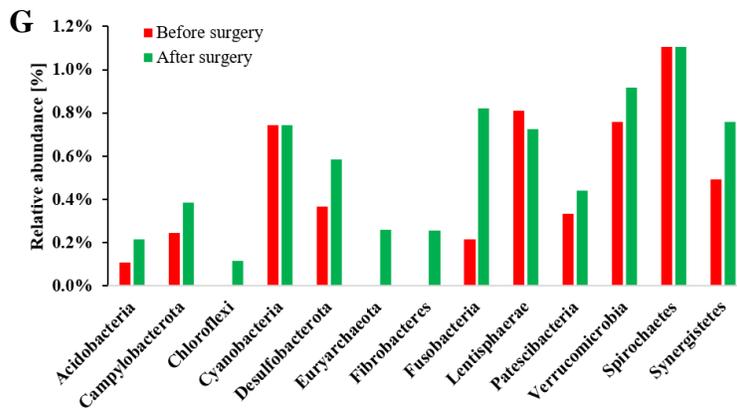


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13  
 14 **Figure S2.** Relative abundance [%] of the identified major phyla of the gut microbiome, their respective medians and the  
 15 respective percentage delta. Data from patients (P-ID 003-060) before and after bariatric surgery, as well as controls (C1, C2),  
 16 are displayed. A) *Actinobacteria*, B) *Bacteroidetes*, C) *Firmicutes*, D) *Proteobacteria*, E) "Unspecific", F) "Phylum < 2 %". (G)  
 17 Mean relative abundance [%] of the individual phyla summarized as "Phylum < 2 %".