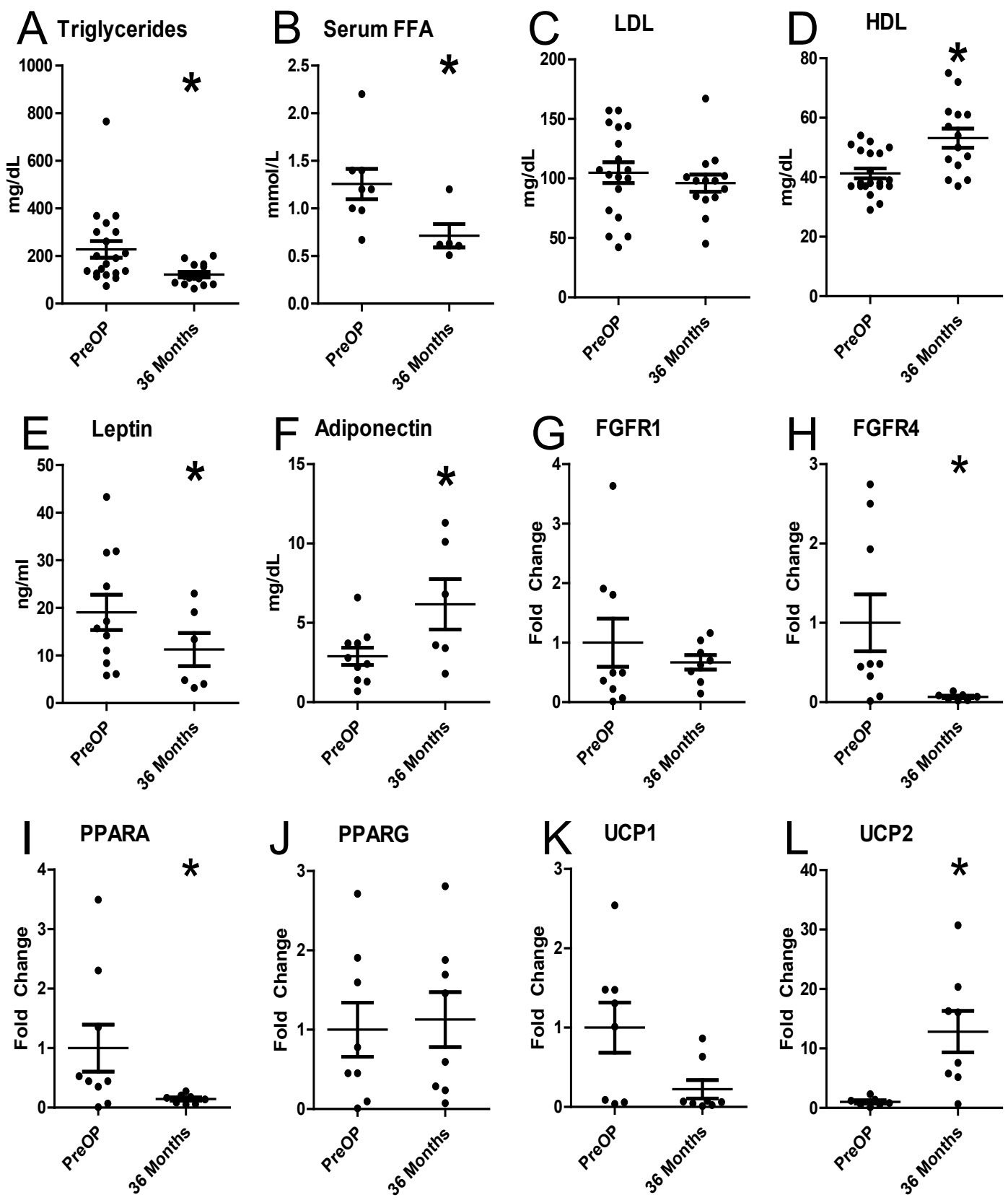


Supplementary Figure 2.



Legend to Supplementary Figure 2.

Improvement in lipid metabolism and adipose tissue function.

- Change in serum triglycerides (A), serum FFA (B), LDL (C), HDL (D), leptin (E), and adiponectin (F) 36 months after RYGB. Change in expression of FGFR1 (G), FGFR4 (H), PPAR α (I), and PPAR γ (J) in subcutaneous adipose tissue biopsies before and 36 months after RYGB. Change in uncoupling proteins in subcutaneous adipose tissue before and after RYGB (UCP1 (K), UCP2 (L)). n=17 patients with preoperative subcutaneous adipose tissue biopsies and 10 with follow-up subcutaneous adipose tissue biopsies were used assessed for gene expression analysis. Serum measurements were performed in 17 patients preoperatively and the same 10 patients after 36 months for which adipose and liver tissue was available. Wilcoxon-Ranked Sign-test was used to compare the preoperative value with each of the postoperative values. * indicates $p < 0.05$.
- FFA: free fatty acids; FGFR: fibroblast growth factor receptor; HDL: high-density lipoprotein; LDL: low-density lipoprotein; PPAR: peroxisome proliferator-activated receptor; RYGB: Roux-Y gastric bypass; UCP: uncoupling protein.