**Revised figure legend**

**Fig. 4.** A) Representative Immunoblots for Cyt c, SOD2, G6Pase, PEPCK, PC and COXI protein in livers from untrained (UT) and trained (TR) wildtype (WT) and PGC-1α knockout (KO) mice. The white lines that separate the individual bands in PC and COXI blots indicate that the sequence of the bands was rearranged to follow the order in the figure. B) Verification of G6Pase band specificity using recombinant G6Pase protein (positive control).