

Loss of Carnitine Palmitoyltransferase-2 in Skeletal Muscle results in Muscle Remodeling and Tissue-specific Sensitivity to Insulin.

Introduction

Palmitoyltransferase-2 (CPT2) is a enzyme located in the inner ubiauitous there is only one known isoform of





(F) were recorded at the end of the intervention. Open circuit indirect calorimetry was performed after 14 weeks of low-fat and high-fa diet intervention allowing us to calculate food intake (G), home-cage physical activity (H), O2 consumption (I), CO2 production (J) an energy expenditure (K). Data values are presented as the mean ± S.E.M. n=3-5 for panels A to D; n=11-14 for E and F and n=6 to 10 for (to K. # p<0.05 Sk^{+/+} HF vs. Sk^{+/+} LF; \$ p<0.05 Sk^{-/-} LF vs. Sk^{+/+} LF; * p<0.05 Sk^{-/-} HF vs. Sk^{+/+} HF; & p<0.05 Sk^{-/-} HF vs. Sk^{-/-} LF.



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