Supplementary Table S1. Orthologous genes in humans with differential expression. The table shows the orthologous genes in humans which are described throughout the text and are described in the figures that showed differential expression in the diet supplemented with palmitic acid and fructose (MD) with respect to the control diet (ND).

Downregulated Genes		Upregulated Genes	
EC 4.1.1.15	Glutamic acid decarboxylase	**EC 7.1.1.2**	NADH:ubiquinone reductase
EC 6.3.1.2	Glutamine synthase	**EC 1.6.99.3**	NADH dehydrogenase
EC 2.4.2.14	Amidophosphoribosyltrans-ferase	**EC 7.1.1.8**	Quinol-cytochrome-c reductase
EC 1.14.16.2	Tyrosine hydroxylase	**EC 1.9.3.1**	Cytochrome-c oxidase
EC 53.3.12	Dopachrome tautomerase	**EC 7.1.2.2**	F1-ATPase