

Supplementary Table S3. Content of long-chain fatty acid acyl-CoA (LCACoA) in skeletal muscle of rats with HFD-induced insulin resistance and under metformin treatment (HFD/Met).

LCACoA	malonyl	C14:0	C16:0 [#]	C16:1	C18:0	C18:1	C18:2
Control	0.036±0.01	0.27±0.06	0.70±0.08	0.31±0.06	0.22±0.06	0.93±0.16	0.33±0.08
HFD	0.09±0.02 ^a	0.37±0.05 ^a	0.79±0.08 ^a	0.30±0.06	0.26±0.04	1.72±0.23 ^a	0.62±0.08 ^a
HFD/Met	0.005±0.001 ^{a*}	0.06±0.009 ^{a*}	0.40±0.06 ^{a*}	0.09±0.01 ^{a*}	0.08±0.008 ^{a*}	0.82±0.11 [*]	0.21±0.03 ^{a*}

Values are mean (pmol/mg) +/- SD (n=8 for each group), p<0.05; a -vs Control; *- vs HFD; # - lipid species with measured FSR