Fatty acids regulate CREBh via transcriptional mechanisms that are dependent on proteasome activity and insulin.


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Supplemental Fig 1 Proteasome inhibition does not reduce fatty acid-induction of ER stress markers. a Effect of the proteasome inhibitors MG132 (20 μM, 6 hrs) and lactacystin (10 μM, 6 hrs) on fatty acid-mediated up-regulation of GADD 34 gene expression; O500, oleate at 500 μM; P500, palmitate at 500 μM; b Effect of the proteasome inhibitors MG132 (20 μM, 6 hrs) and lactacystin (10 μM, 6 hrs) on fatty acid mediated up-regulation of CHOP gene expression. O500, oleate at 500 μM; P500, palmitate at 500 μM; n=3 for all conditions