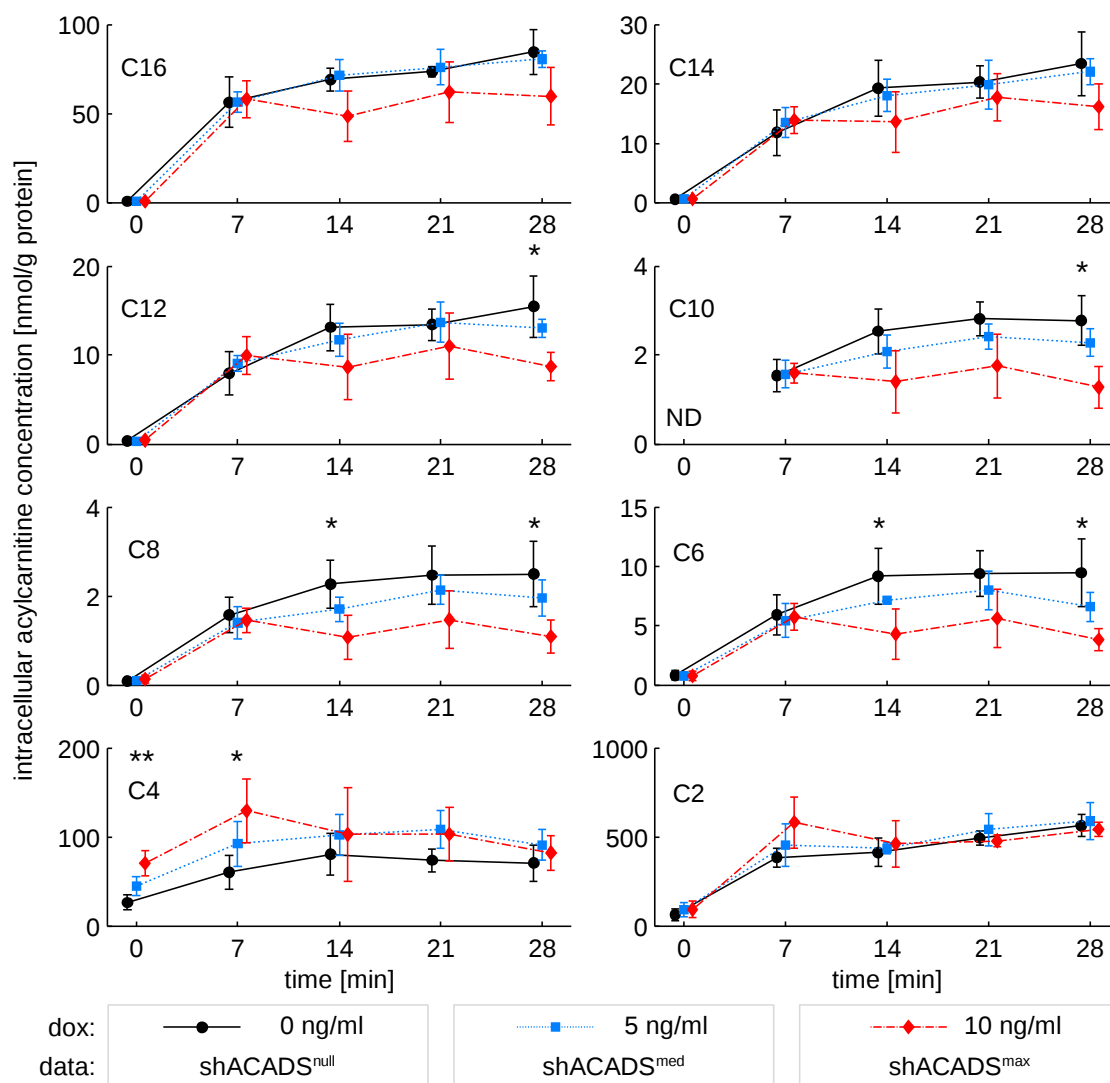




S2 Fig. Time courses of intracellular acylcarnitines after palmitic acid loading in shACADS Huh7 cells. Palmitic acid was added to induce fatty acid oxidation in shACADS knockdown cells. shACADS^{null}, shACADS^{med} and shACADS^{max} cells treated with 0, 5 and 10 ng/mL doxycycline (dox), respectively, for shRNA induction. Intracellular acylcarnitines, assumed to represent acyl-CoAs with corresponding chain length, were extracted and measured before palmitic acid loading and after 7, 14, 21 and 28 min. Values of four independent experiments are expressed as mean $\pm$ SD (original data of single measurements are given in S1A Table). ND: concentration not measured. Time point specific comparison between shACADS^{null} and shACADS^{max} using t-test with **p < 0.01, *p < 0.05.