**Supplemental Figure 6: Increased cardiac CD36 expression and lipid content associated with pressure-overload.** (A) Western blot analysis of ventricular FOXO1 (normalized to β-actin) content in 12 month WT/HCM males. Ladder, L; Control, C lanes. Mean±SEM; t-test; n = 5-7. (B-C) Echocardiographic determination of ejection fraction and systolic chamber volume in 6 month old WT males 8-10 weeks after sham surgery or aortic constriction (TAC). Mean±SEM; t-test; n = 5-9. (D) Western blot analysis of ventricular Cd36 (normalized to β-tubulin) content in WT males 8-10 weeks after sham surgery or aortic constriction (TAC). Mean±SEM; t-test; n = 3. (E) qPCR analysis of ventricular CD36, lipoprotein lipase (LpL), and VLDL receptor (VLDLR) in the TAC or sham operated mice. Mean±SEM; t-test; n = 3. (F) Thin-layer chromatography of ventricular lipid extracts from sham and TAC mice. (G) Colorimetric determination of ventricular TG content (normalized to protein) in TAC and sham operated mice. Mean±SEM; t-test; n = 3. (H) Western blot analysis of ventricular FOXO1 (normalized to β-actin) content in WT males 8-10 weeks after sham surgery or aortic constriction (TAC). Mean±SEM; t-test; n = 3.