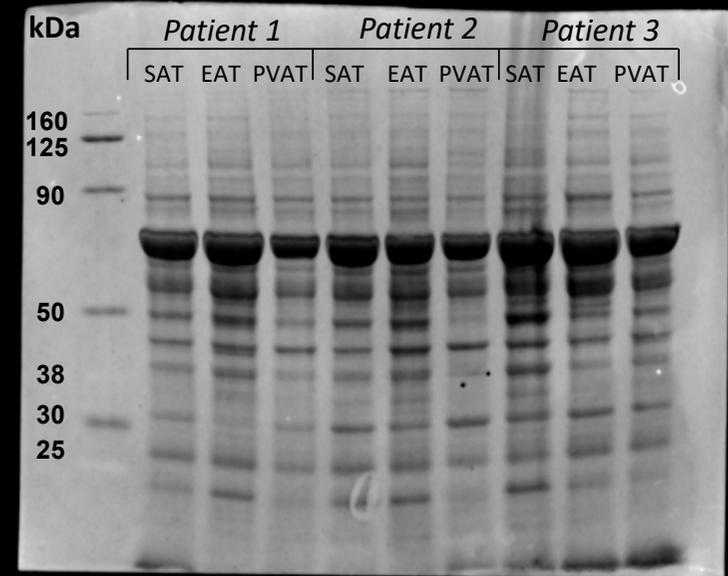
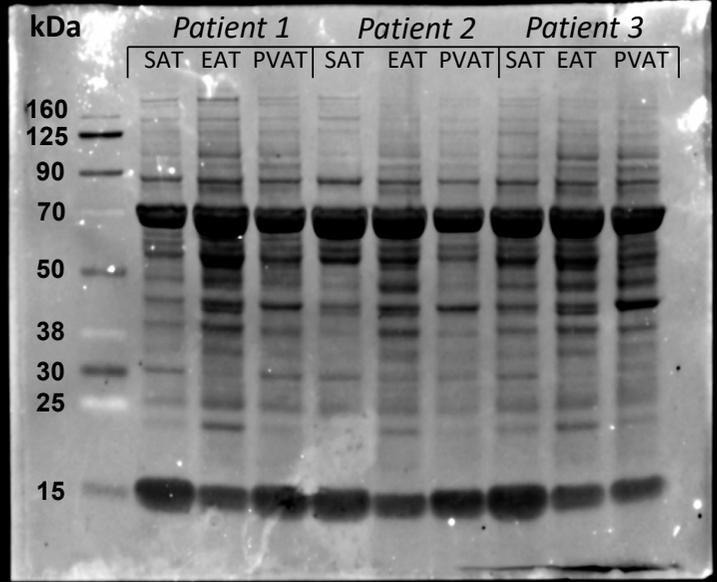
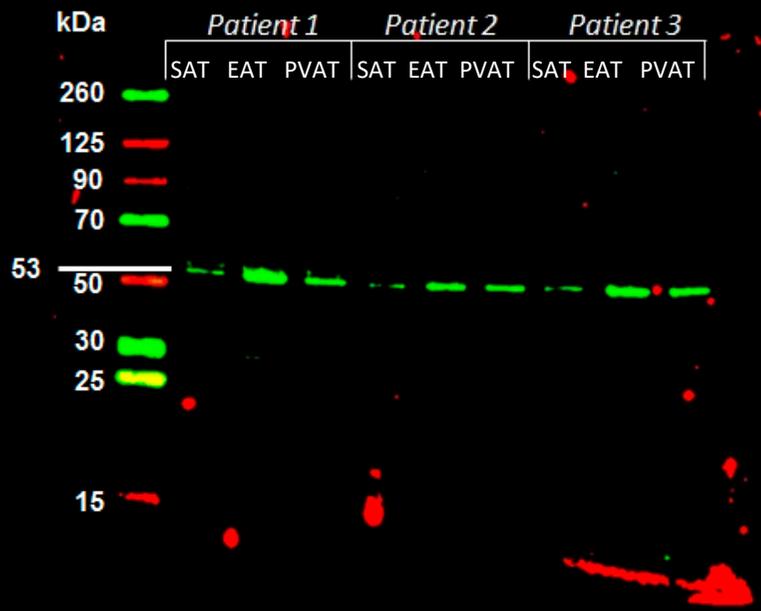


**Supplementary Figure S1.** Representative example of total protein normalization. Uncropped Western blot and total protein normalization image for the quantification of SPTLC1 expression in subcutaneous adipose tissue (SAT), epicardial adipose tissue (EAT), and perivascular adipose tissue (PVAT) in patients with coronary artery disease (CAD)

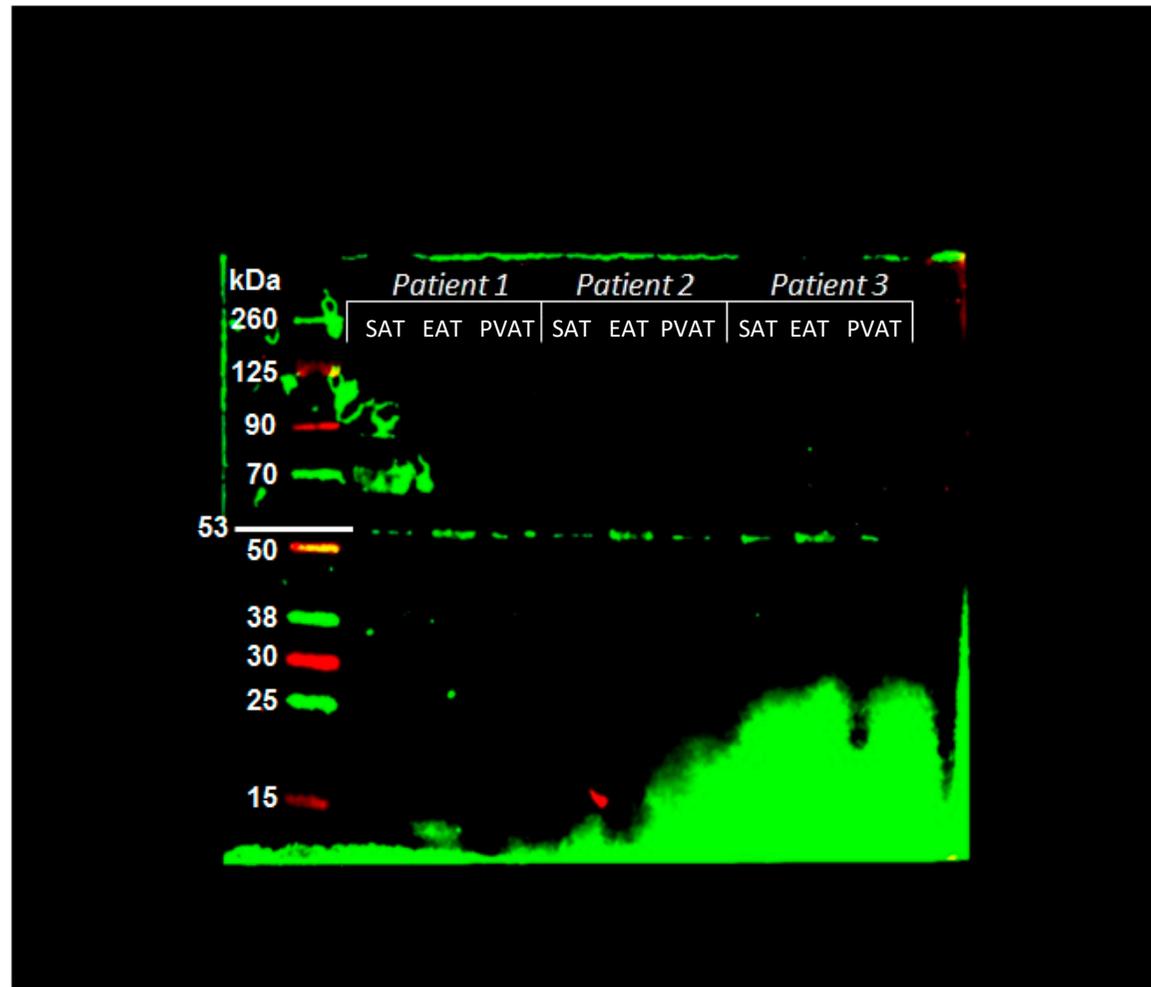


**Supplementary Figure S2.** Representative example of total protein normalization. Uncropped Western blot and total protein normalization image for the quantification of SPTLC1 expression in subcutaneous adipose tissue (SAT), epicardial adipose tissue (EAT), and perivascular adipose tissue (PVAT) in patients with valvular heart disease (VHD)





**Supplementary Figure S4.** Uncropped Western blot of SPTLC2 expression in subcutaneous adipose tissue (SAT), epicardial adipose tissue (EAT), and perivascular adipose tissue (PVAT) in patients with valvular heart disease (VHD)





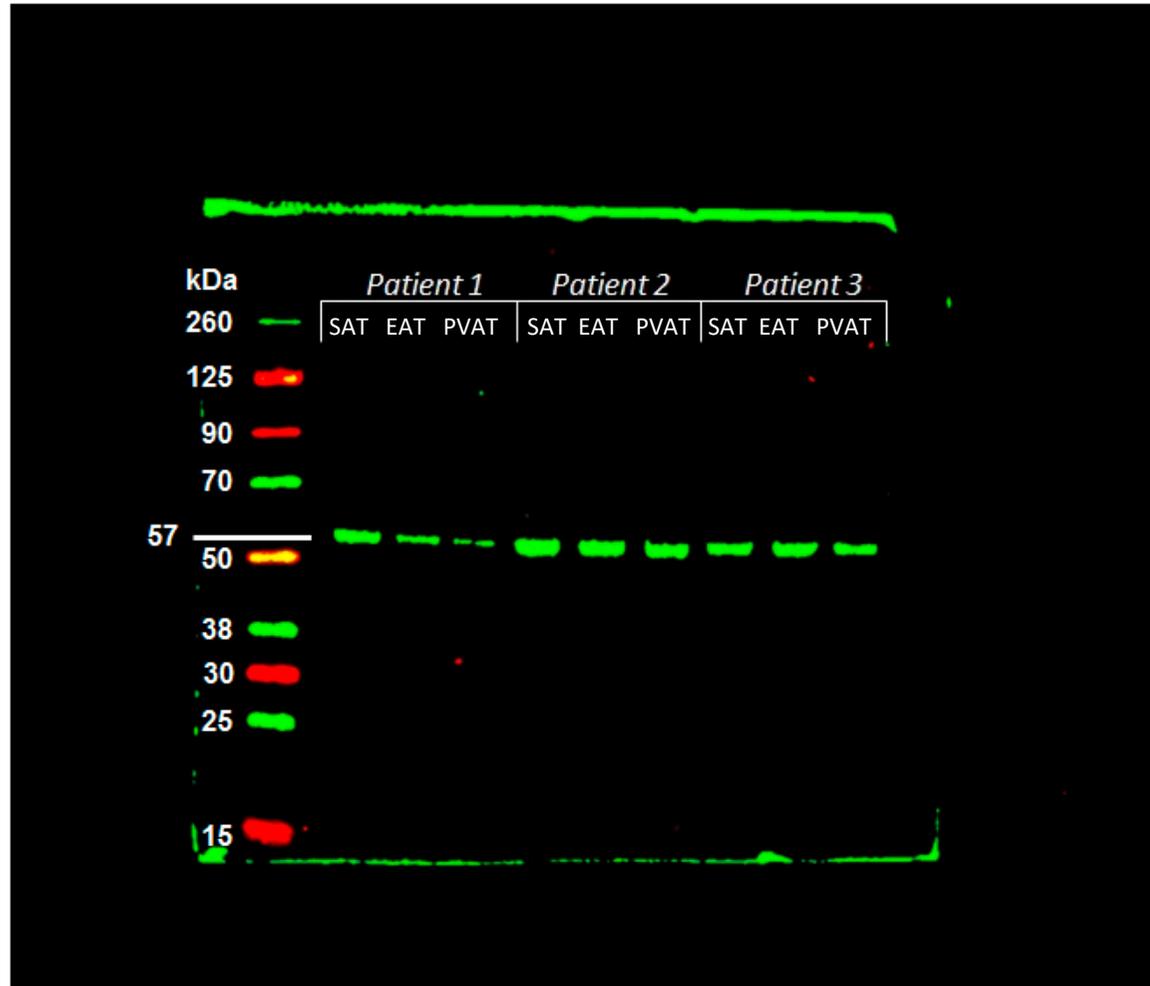








**Supplementary Figure S10.** Uncropped Western blot of ASMAse expression in subcutaneous adipose tissue (SAT), epicardial adipose tissue (EAT), and perivascular adipose tissue (PVAT) in patients with valvular heart disease (VHD)





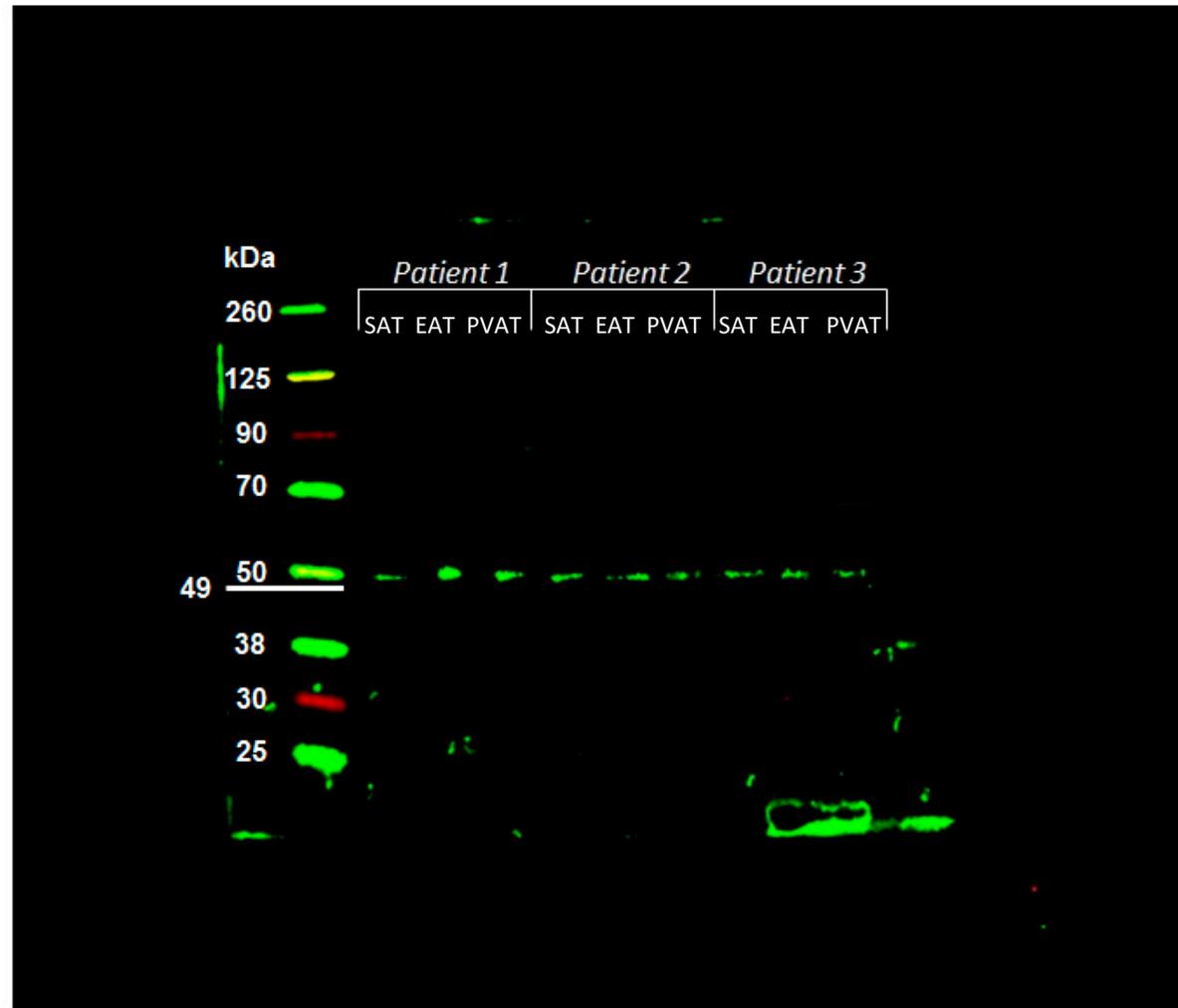








**Supplementary Figure S16.** Uncropped Western blot of SGMS1 expression in subcutaneous adipose tissue (SAT), epicardial adipose tissue (EAT), and perivascular adipose tissue (PVAT) in patients with valvular heart disease (VHD)





**Supplementary Figure S18.** Uncropped Western blot of SGMS2 expression in subcutaneous adipose tissue (SAT), epicardial adipose tissue (EAT), and perivascular adipose tissue (PVAT) in patients with valvular heart disease (VHD)

