

Description of Additional Supplementary Files

Supplementary Movie 1: Two-photon intravital imaging of adipose tissue in WT and TM4SF19 KO mice: Two-photon intravital imaging of Cx3Cr1-GFP+ macrophages in WT and TM4SF19 KO mice. PDGFRA-tdTomato-reporter expression visualized PDGFRA+ cells and PDGFRA+ progenitor-derived adipocytes (related to Figure 5H).

Supplementary Movie 2: Two-photon intravital imaging of adipose tissue in WT and TM4SF19 KO mice, showing phagocytosis of adipocyte by macrophages: Two-photon intravital imaging of Cx3Cr1-GFP+ macrophages in WT and TM4SF19 KO mice. CX3CR1-GFP (green) and WGA-blue (red in Figure) visualized phagocytes (related to Figure 5J).