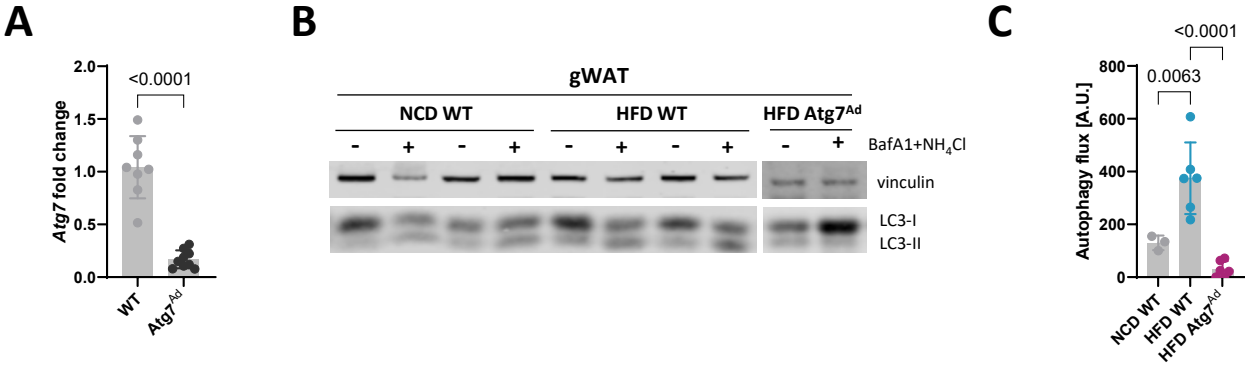
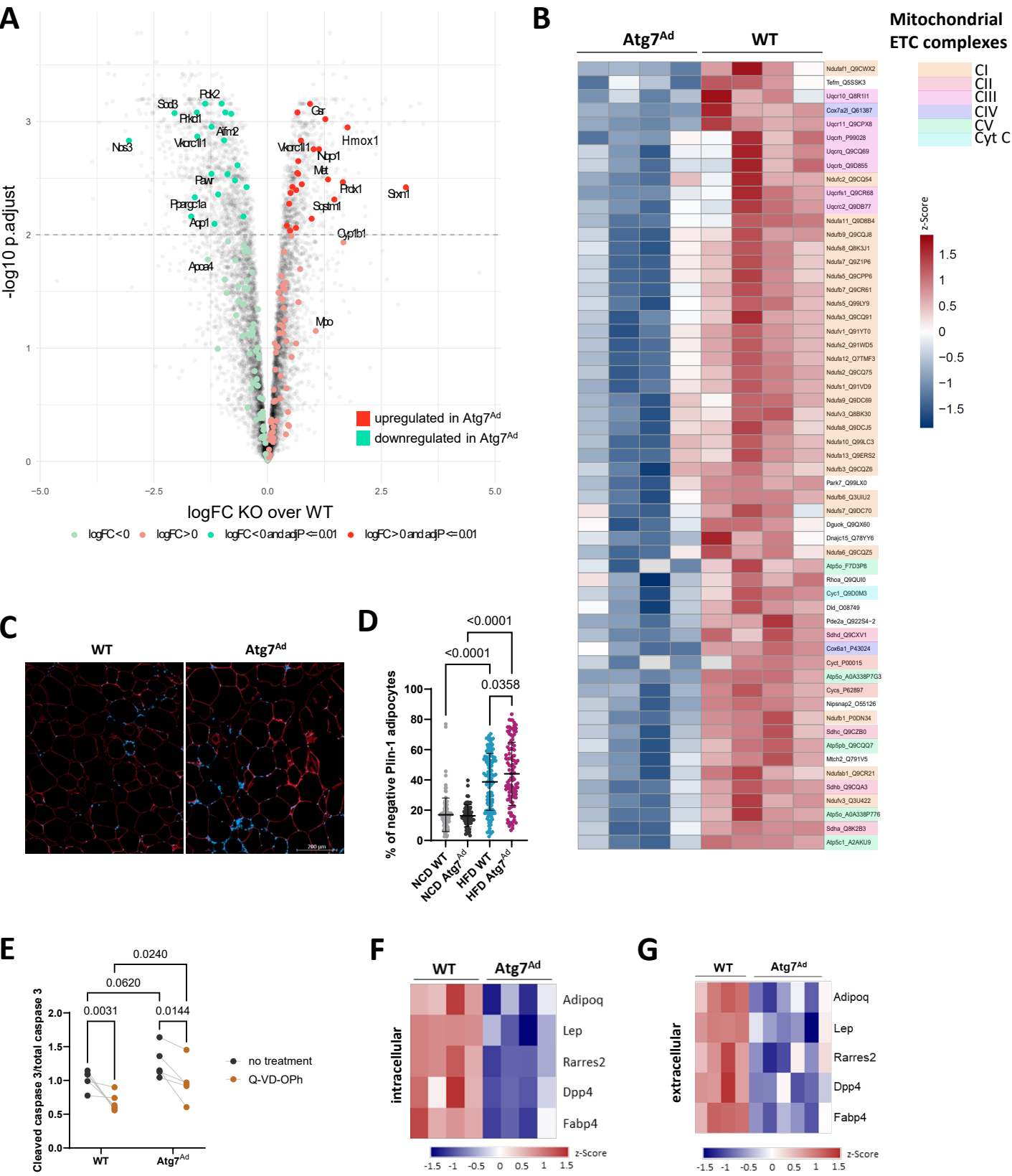


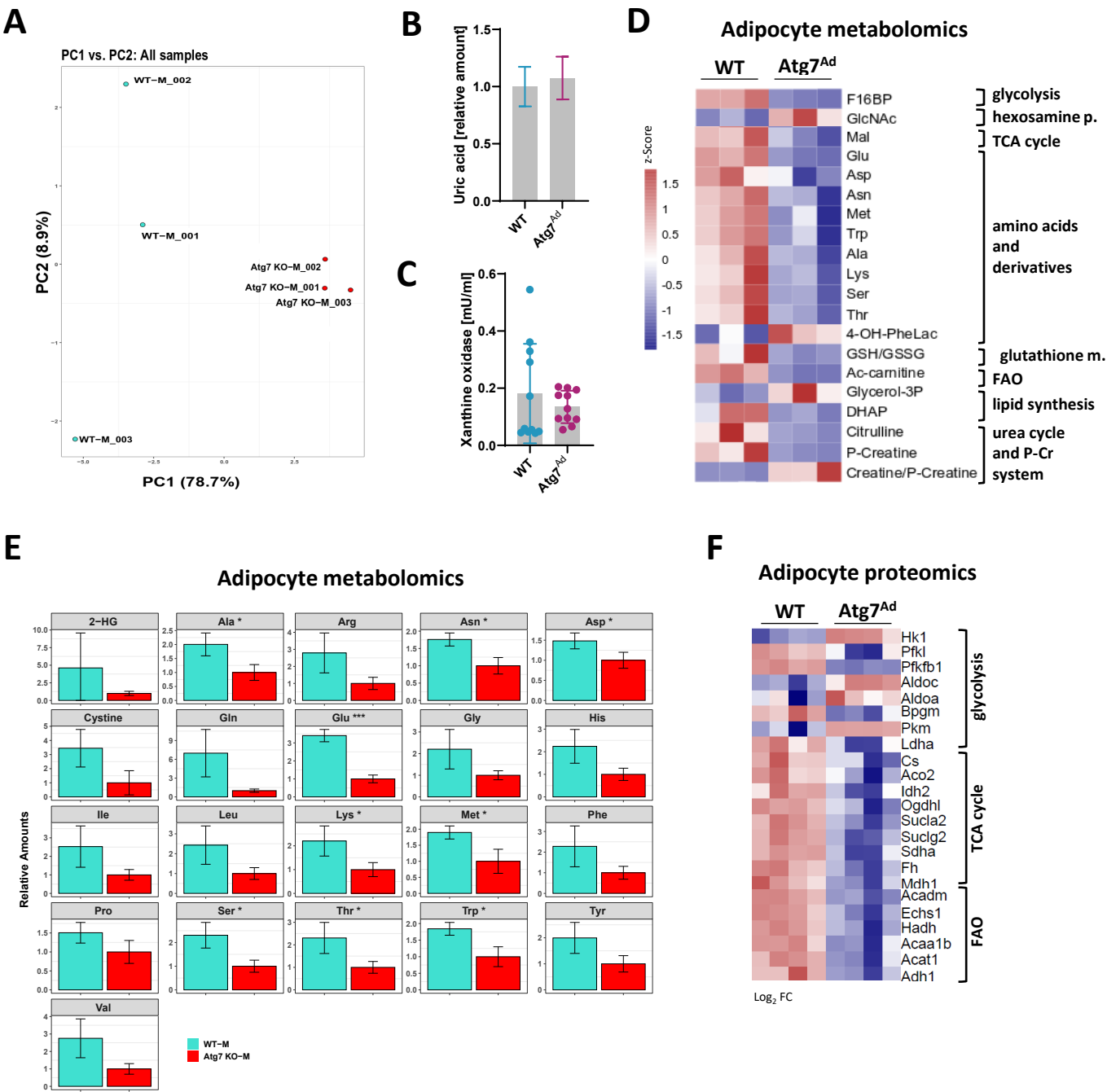
Sup. Fig. 1: Validation of *Atg7^{Ad}* mouse model to study the role of autophagy in diet-induced obesity.



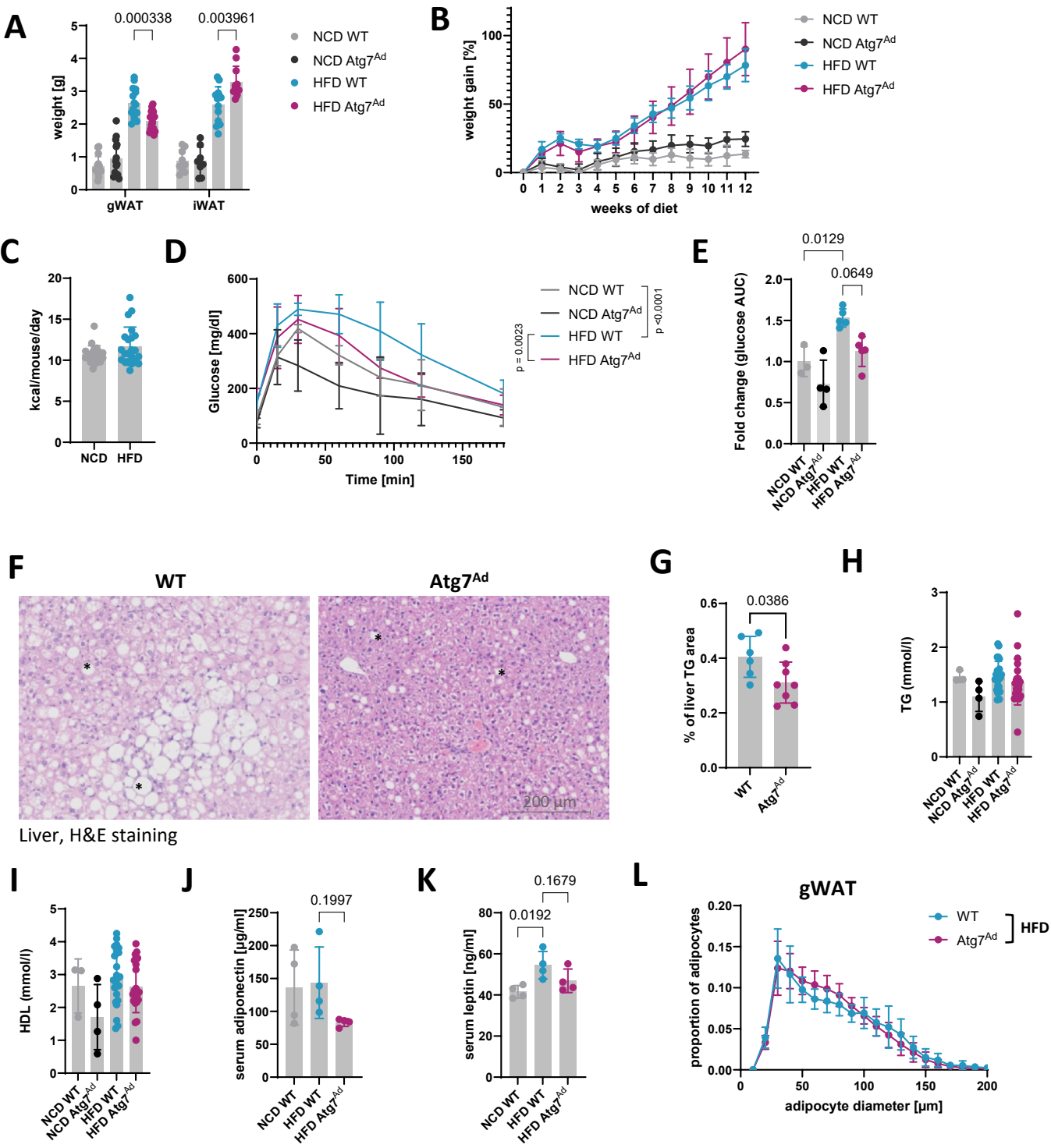
Sup. Fig 2: Loss of autophagy induces a stress response and cell death, and profoundly disturbs mitochondrial homeostasis.



Sup. Fig 3: Metabolomics analysis reveals a prominent role of autophagy in amino acid metabolism.

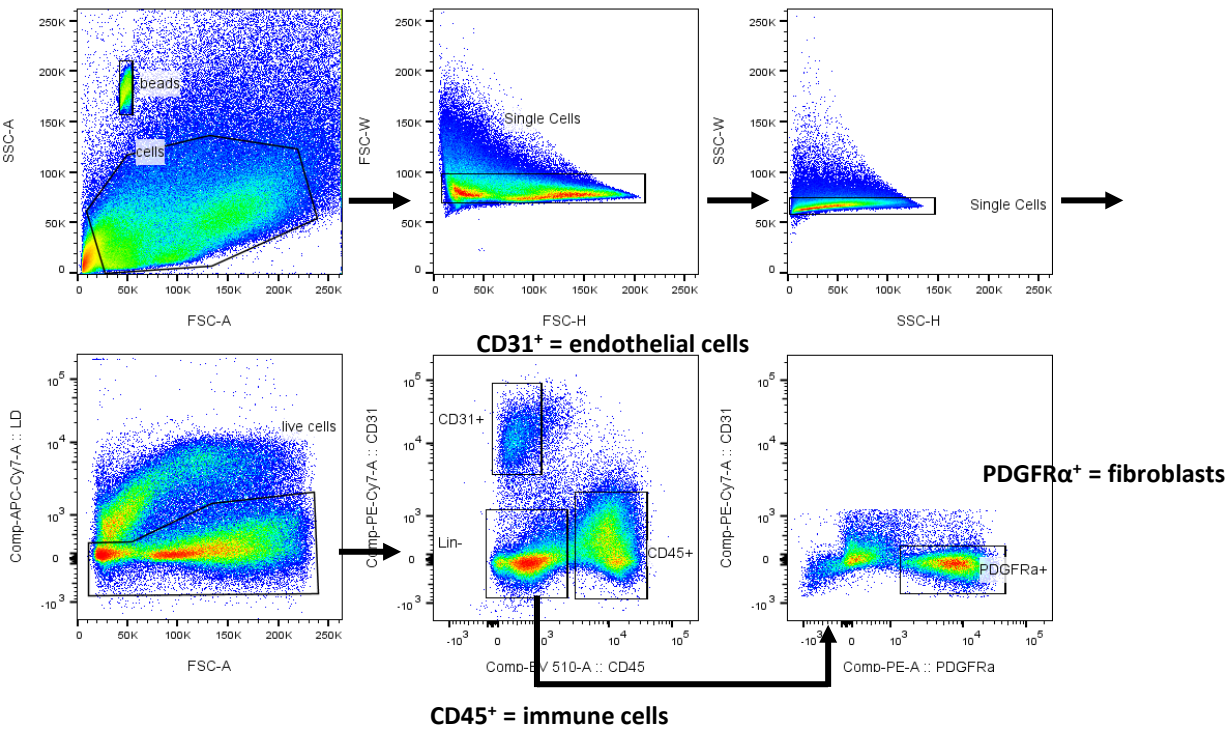


Sup. Fig 4: The absence of adipocyte autophagy ameliorates metabolic syndrome in diet-induced obese mice.



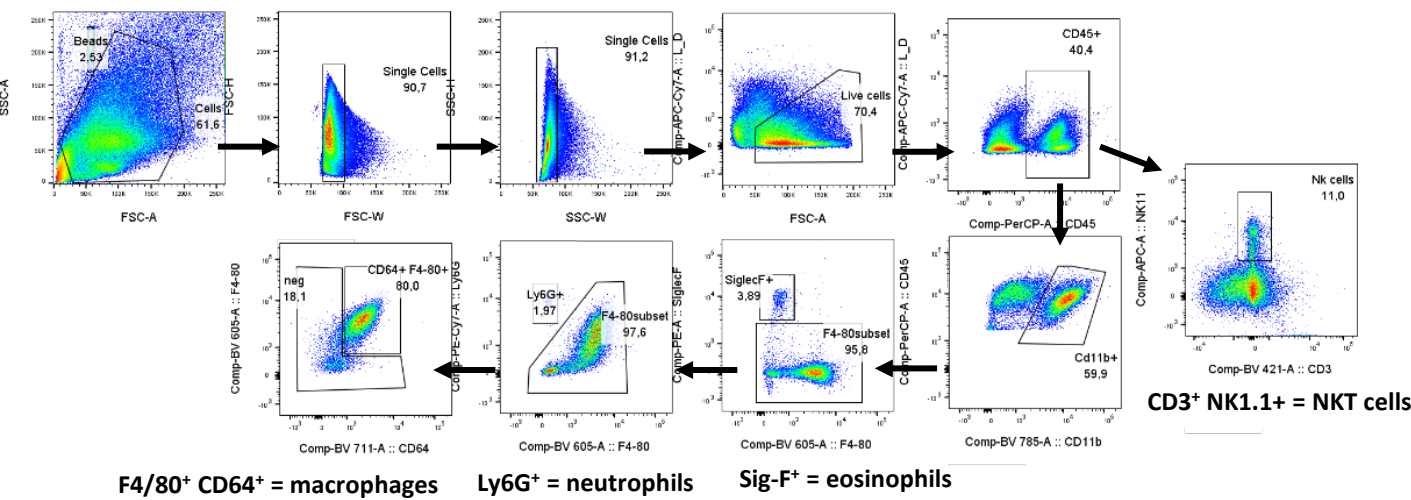
Sup. Fig 5: Gating strategies to determine cellular composition of WAT in Atg7^{Ad} mice.

A



B

Myeloid gating strategy



Lymphoid gating strategy

