



Supplementary Fig. 5. Quantitative comparison of protein levels of (A) lipogenesis (B) inflammation markers in DWN12088 treatment results in palmitic acid (PA)-induced alpha mouse liver 12 (AML12) cells shows DWN12088 acts through AMP-activated protein kinase (AMPK) signaling to prevent lipogenesis and inflammation. (A) Relative protein levels of sterol regulatory element-binding protein-1c (SREBP-1c) and (B) phosphorylation of nuclear factor- κ B (NF- κ B) were confirmed by immunoblotting ($n=3$). Statistical significance was calculated using one-way analysis of variance (ANOVA) (A, B) followed by the Holm-Sidak *post hoc* test. All data are displayed as the mean \pm standard deviation. Veh, vehicle; ns, not statistically significant. ^a $P < 0.05$, ^b $P < 0.01$, ^c $P < 0.001$.