



**Fig. S3. Gene expression analysis of putative secreted molecules regulated by cold exposure in PDGFR $\beta$ <sup>+</sup> adipose progenitors.**

**A)** mRNA levels of indicated genes in freshly isolated DPP4<sup>+</sup> and DPP4<sup>-</sup> APCs from iWAT depots of mice housed at room temperature (RT) or exposed to cold (CE) (6 °C) for 1 day. Genes analyzed represent those which encode putative secreted molecules and were identified by bulk-RNA sequencing as upregulated in DPP4<sup>+</sup> cells upon cold exposure (See Fig. 1B and Supplemental Dataset 4).

**B)** mRNA levels of indicated genes in freshly isolated DPP4<sup>+</sup> and DPP4<sup>-</sup> APCs from iWAT depots of mice housed at room temperature (RT) or exposed to cold (CE) for 1 day. Genes analyzed represent those which encode putative secreted molecules and were identified by bulk-RNA sequencing as downregulated in DPP4<sup>+</sup> cells upon cold exposure (See Fig. 1B and Supplemental Dataset 4).

Bars represent mean + s.e.m. \*\*\* denotes  $p < 0.001$  by one-way ANOVA.