Early pre-adipocytes: top 20 enriched pathways for obese only skeletal muscle tissue regeneration regulation of smooth muscle cell proliferation cell motility cell adhesion mediated by integrin astrocyte activation centrosome duplication positive regulation of substrate adhesion-dependent cell spreading response to starvation intracellular oxygen homeostasis Pathway cell-substrate adhesion amyloid fibril formation ephrin receptor signaling pathway heterotypic cell-cell adhesion negative regulation of canonical NF-kappaB signal transduction synapse organization MyD88-dependent toll-like receptor signaling pathway microglial cell activation negative regulation of MAP kinase activity canonical Wnt signaling pathway negative regulation of angiogenesis 10 15 Fold enrichment