



Fig. S1. The isolation, culturing and basic stem cell characterization of PDLSCs and SCAPs. (A, D) Colony formation of PDLSCs and SCAPs at passage 0. (B, E) Osteogenic differentiation of PDLSCs and SCAPs. Alizarin red stain showing mineral deposits after 4 weeks of osteogenic induction. (C, F) Adipogenic differentiation of PDLSCs and SCAPs. Oil red stain showing oil droplet-filled adipocyte-like cells after 4 weeks of adipogenic induction. (G~L) Immunophenotype analysis of PDLSCs and SCAPs by flow cytometry. PDLSCs positively express CD90 while negatively express CD45. SCAPs positively express CD24 while negatively express CD45.