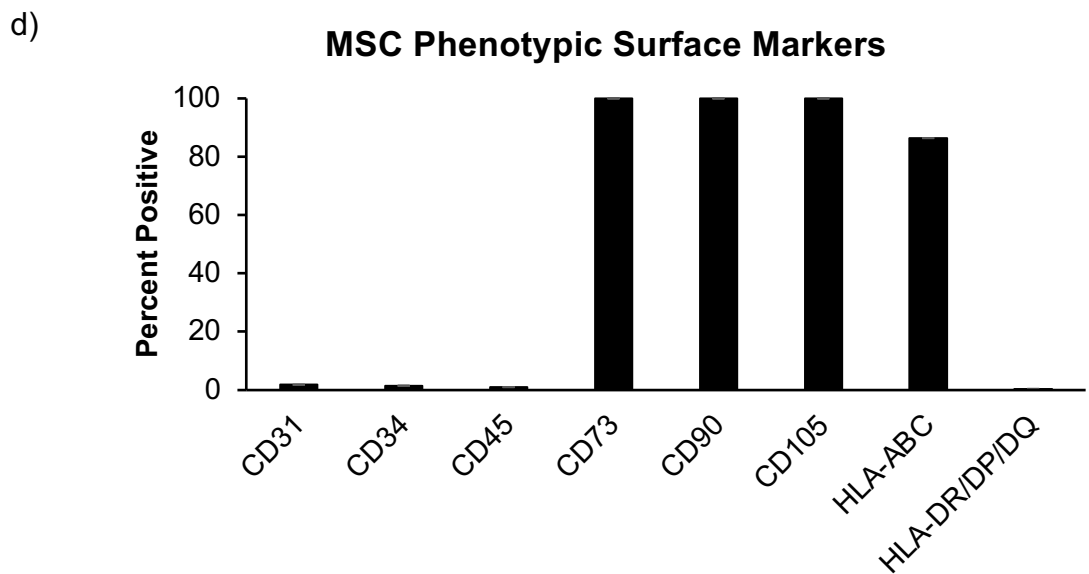
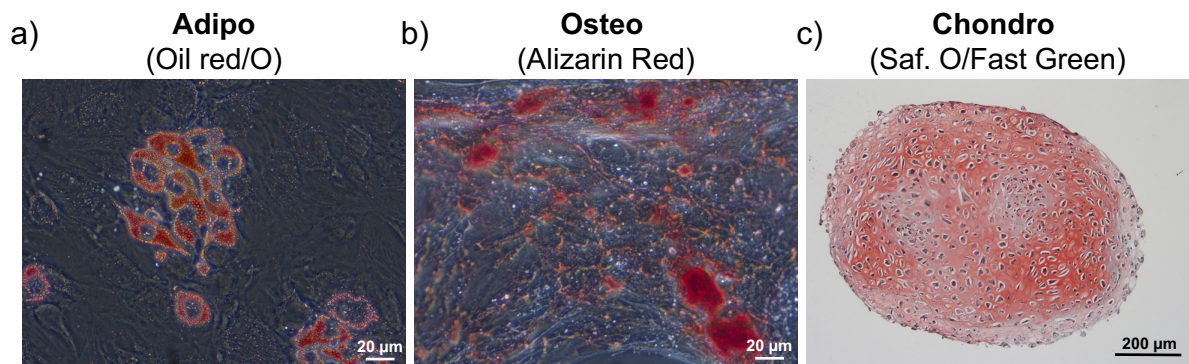


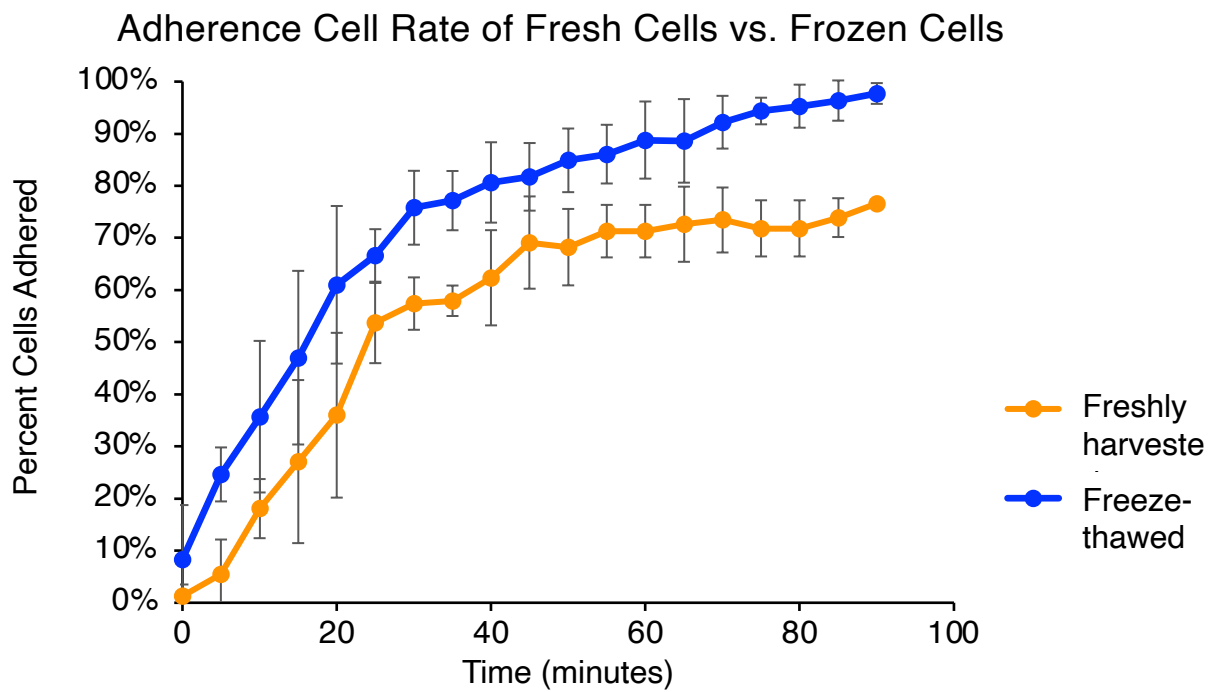
Rapid and effective preparation of clonal bone marrow-derived mesenchymal stem/stromal cell sheets to reduce renal fibrosis

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Supplemental Figure S1. Tri-lineage differentiation potency and MSC surface marker expressions at passage 10

(a-c) microscopic images of MSC trilineage differentiation, (a) adipogenesis (Oil red/O staining), (b) osteogenesis (Alizarin Red staining), and (c) chondrogenesis (Safranin O, Fast Green staining). (d) surface antigen expression showing positive expression of MSC markers CD73, CD90, CD105, and negative expression of hematopoietic markers CD31, CD34, CD45.



Supplemental Figure S2. Cell adhesion behavior of fresh and frozen BMSCs

Adherent cell rate of freshly harvested and freeze-thawed are investigated using time-laps imaging.