

SUPPLEMENTARY FIG. S2. (A) Macroscopic image of tissues engineered on transwell inserts and either temporally (-TGF) or continuously (+TGF) supplemented with transforming growth factor- $\beta$ 3 (TGF- $\beta$ 3). Scale bar=5 mm. (B) Histological staining of engineered tissue for Alcian Blue and Picrosirius Red. Scale bar=500  $\mu$ m. (C) DNA, GAG, collagen, GAG/DNA, collagen/DNA, GAG (% wet weight [ww]), collagen (% ww) content of engineered tissues temporally (-TGF) or continuously (+TGF) supplemented with TGF- $\beta$ 3. \*indicates p<0.05.