

Supporting Information

Moffat *et al.* 10.1073/pnas.0712150105

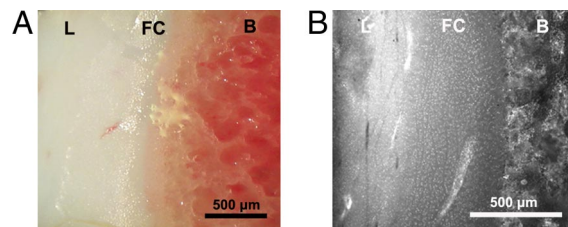


Fig. S1. Insertion site sample. (A) Stereomicrograph of the as-isolated sample with distinct yet continuous regions of ligament (L), fibrocartilage (FC), and bone (B). (B) Sample stained with Hoechst 33258 (4x), note the distinct cell nuclei observed at the fibrocartilage (FC) region.

Table S1. Summary of R^2 values from the linear regression analysis of the displacement data for strain determination

Insertion site	Applied nominal strain			
	5%	10%	15%	20%
Femoral				
NFC	0.76 ± 0.14	0.88 ± 0.12	0.90 ± 0.11	0.95 ± 0.08
MFC	0.66 ± 0.18	0.82 ± 0.21	0.79 ± 0.32	0.96 ± 0.03
FC	0.70 ± 0.15	0.83 ± 0.12	0.84 ± 0.18	0.95 ± 0.06
Tibial				
NFC	0.85 ± 0.16	0.92 ± 0.10	0.97 ± 0.02	0.99 ± 0.00
MFC	0.64 ± 0.59	0.99 ± 0.06	0.89 ± 0.06	0.94 ± 0.04
FC	0.71 ± 0.16	0.82 ± 0.11	0.90 ± 0.11	0.98 ± 0.02

