**Figure S3.** Relative expression of key genes involved in inflammation and ECM remodeling in cartilage of the medial femoral condyle (MFC) of male and female ACL-ruptured and contralateral control knees at 31-days. A) nuclear factor kappa B (Nfkb), B) arginase 1 (Arg1), C) elastin (Eln), D) aggrecan (Acan), E) connective tissue growth factor (Ccn2), F) matrix metalloproteinase 9 (Mmp9), G) a disintegrin and metalloproteinase with thrombospondin motifs 4 (Adamts4), H) tissue inhibitor matrix metalloproteinase 1 (Timp1), I) transforming growth factor beta 1 (Tgfb1), J) alpha smooth muscle actin (Acta2), and K) peroxisome proliferator activated receptor gamma (Pparg). Data show median ± IQR. Mann-Whitney U test, *$p < 0.05$.  

- **A** Nfkb  
- **B** Arg1  
- **C** Eln  
- **D** Acan  
- **E** Ccn2  
- **F** Mmp9  
- **G** Adamts4  
- **H** Timp1  
- **I** Tgfb1  
- **J** Acta2  
- **K** Pparg