



Supplementary Figure S1. Endometrial fibrosis is associated with senescence. (A) Quantitative analysis of integrated optical density (IOD) for immunohistochemical (IHC) staining of P16 in mid-secretory endometrium of CTR patients ($n = 22$) versus recurrent implantation failure (RIF) patients ($n = 22$). (B) Quantitative analysis of IOD for IHC staining of P21 in mid-secretory endometrium of CTR patients ($n = 22$) versus RIF patients ($n = 22$). (C) Linear regression analysis of the correlation between P16 and Masson's staining in [Supplementary Fig. S1A](#) and [Fig. 1L](#). (D) Linear regression analysis of the correlation between P16 and Sirius Red staining in [Supplementary Fig. S1A](#) and [Fig. 1N](#). (E) Linear regression analysis of the correlation between P21 and Masson's staining in [Supplementary Fig. S1B](#) and [Fig. 1L](#). (F) Linear regression analysis of the correlation between P21 and Sirius Red staining in [Supplementary Fig. S1B](#) and [Fig. 1N](#). Mean \pm SEM. *** $P < 0.001$. Student's *t*-test.