

**SUPPLEMENTARY FIG. S7.** TGF- $\beta$ 1 and TGF- $\beta$ 3 were induced to expression in HMSC and HUVEC upon coculture. Relative mRNA expressions of TGF- $\beta$ 1 and TGF- $\beta$ 3 in HMSC (**A**, **B**) and HUVEC (**C**, **D**) after coculture within 24 h.