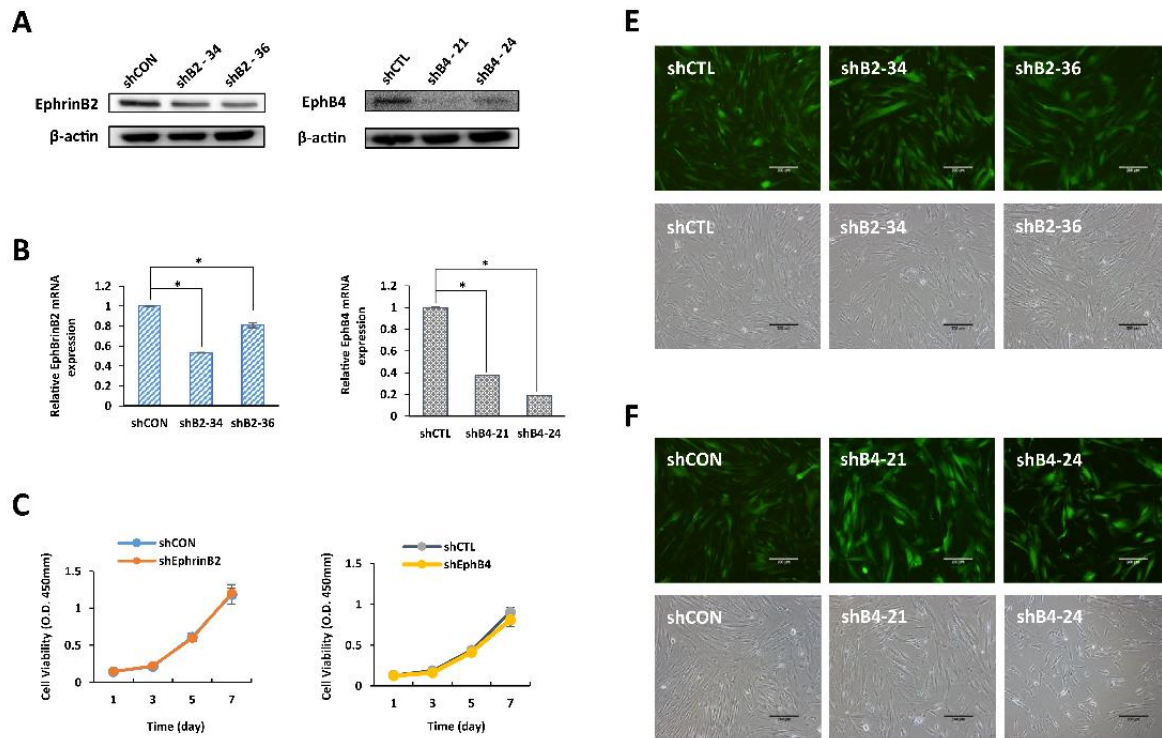


EphrinB2/EphB4 Signaling Regulates DPSCs to Induce Sprouting Angiogenesis of ECs

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Appendix



Appendix Figure 1. Knock down of EphrinB2 and EphB4 expressions in DPSCs. DPSCs were transduced with the lentiviral small hairpin RNA (shRNA) specific for EphrinB2 and EphB4 genes. Among the four shRNAs targeting EphrinB2, shB2-34 and shB2-36 were adopted in subsequent experiments; among four shRNAs targeting EphB4, shB4-21 and shB4-24 were adopted in subsequent experiments. **(A)** Western blots and **(B)** qRT-PCR analyses of EphrinB2 and EphB4 expression levels in DPSCs. Data were presented as mean \pm SD, $*p < 0.05$. **(C)** Cell counting kits 8 (CCK-8) assay of DPSCs after shRNA interferences targeting at EphrinB2 and EphB4. Data were presented as mean \pm SD, $*p < 0.05$. **(E, F)** Representative immunofluorescent and bright field images from DPSCs after shRNA interferences targeting at EphrinB2 and EphB4.