## Dual Viral Vector Mediated Persistent CRISPR-Cas9 Gene Disruption in Primary Human Endothelial Cells

## **Supplementary Information**

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## **Supplementary Figure Legends**

**Figure S1.** Full length gels for Figure 1B. Immunoblotting of Tie2 protein in vector control, Tie2 knockout HLMVECs induced by CRISPR-Cas9 (sgRNA Tie2-1, sgRNA Tie2-2), and mouse Tie2 overexpression in Tie2<sup>-1</sup> HLMVECs (HuTie2KO1 + mTie2, HuTie2KO2 + mTie2,). The pictures of target proteins (chemiluminescence) and protein ladder standards (fluorescence) can only be taken separately by ImageQuant LAS 4000 software. GAPDH was used as the loading control.

Figure S1

