



**Supplementary Fig. S1.** Off-target analysis in the established hereditary hemorrhagic telangiectasia human induced pluripotent stem cell (HHT hiPSC) line. (A, B) Off-target analysis of the top 2 identified off-target (OT) sites by pegIT in prime-edited hiPSC line (*ENG* c.360+1G>A) by Sanger sequencing. The results demonstrate absence of OT effects in prime-edited hiPSC line.