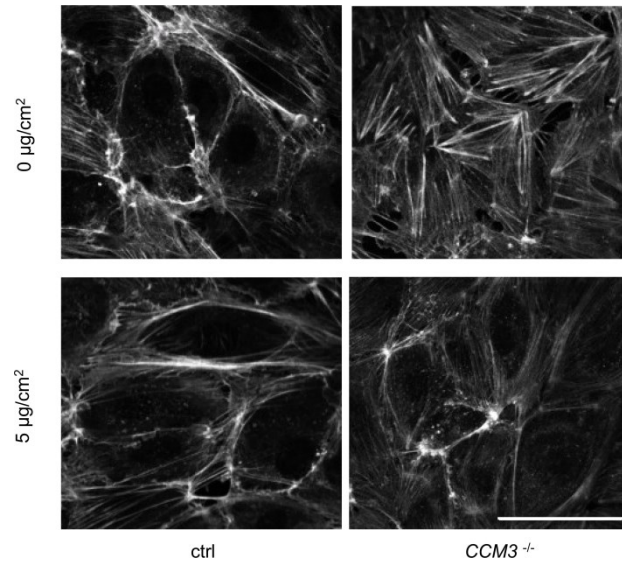


1 **Supplementary Figures:**

2

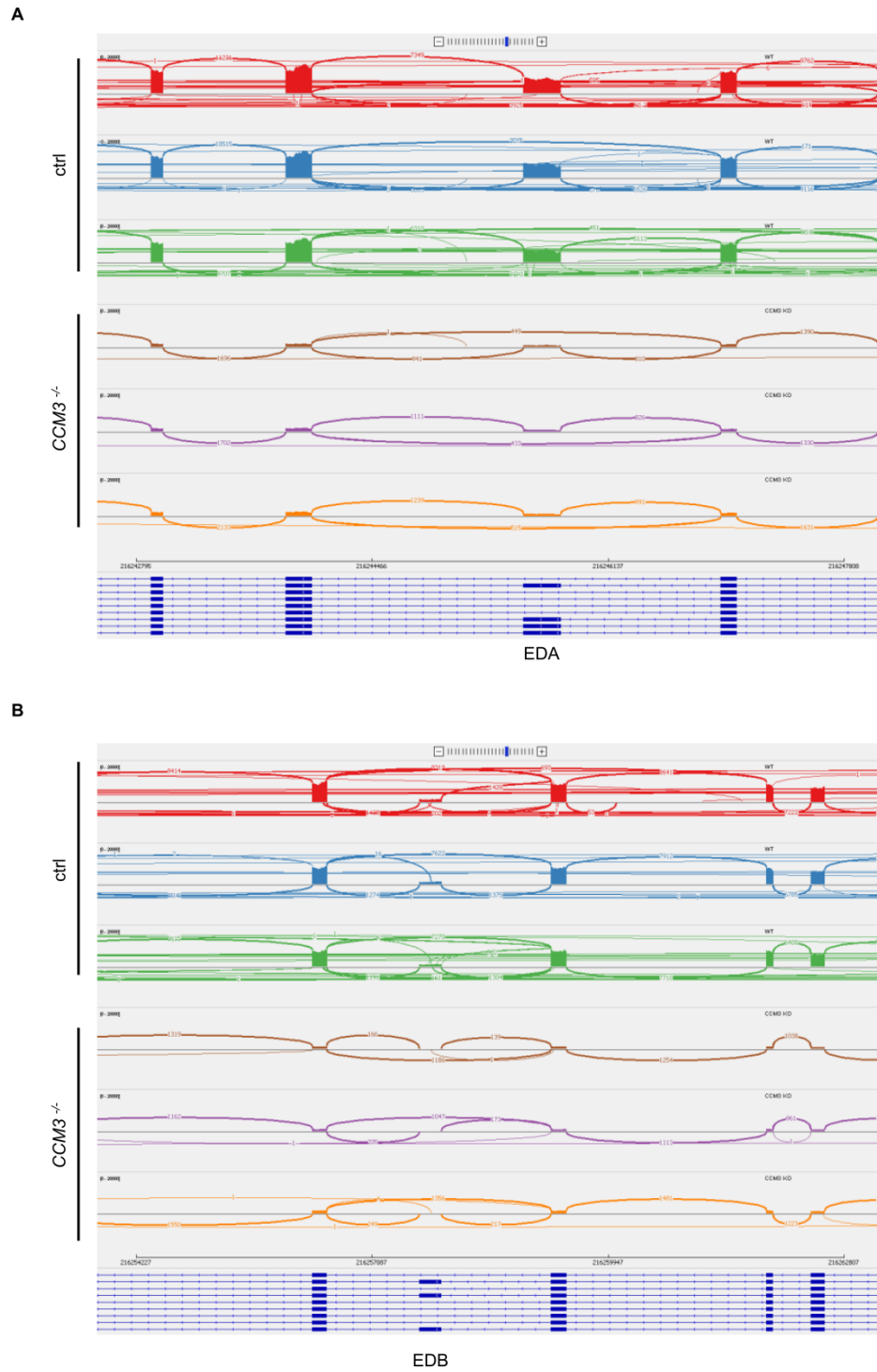


3

4 **Figure S1. Fibronectin replacement reduced actin stress fiber formation in $CCM3^{-/-}$ CI-huVECs.** Original images of
5 Figure 2C are shown without modifications. $CCM3^{-/-}$ CI-huVECs cultured on fibronectin coated plates demonstrated a
6 reduced actin stress fiber formation. F-actin was visualized with use of Phalloidin-iFluor 488 and confocal microscopy.
7 ctrl = $CCM3^{+/+}$ control cells. Scale bar $\triangleq 50 \mu\text{m}$.

8

1



2

3 **Figure S2. Cellular and plasma fibronectin isoforms are both expressed by human ECs.** (A,B) *FNI* mRNA
4 expression data demonstrated that transcripts comprising the coding exons for the EDA (A) and EDB (B) domain of
5 cellular fibronectin as well as transcripts without these exons are expressed in *CCM3*^{+/+} and *CCM3*^{-/-} CI-huVECs.