Defective EMC1 protein may contribute to a severe ocular disorder, familial exudative vitreoretinopathy

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Loss of Emc1 in mouse endothelial cells results in retinal vascular defects. (A)
Representative overview (top panels) and high-magnification images (bottom panels) of P7 control (Ctrl) and Emc1^{iECKO/iECKO} mouse retinae stained with Isolectin B4 (IB4). The circles indicate vessel outgrowth of Ctrl retinae. Scale bars, 500 μm and 100 μm. (B, C) Quantification of vascular progression (B) and vascular density (C) of P7 control (Ctrl) and Emc1^{iECKO/iECKO} mouse retinae. Error bars, standard deviations (SDs). Student's t-test (n ≥ 7), ***P

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