

Table S2: Measurement of proliferation via Ki67 and ILB4 co-staining on P6 and measurement of blood vessel width on ILB4 stained P6 and P8 P6 *Elk3(+/+)* wildtype and *Elk3(-/-)* knockout retinal flat-mount preparations

		Ki67 positive endothelial cells / 100 μm	
		<i>Elk3(+/+)</i> (n=9 retinae)	<i>Elk3(-/-)</i> (n=10 retinae)
P6 arteries		100% (42 arteries)	98.75% (\pm 9.8%) p=0.91 ns (45 arteries)
P6 veins		100% (39 veins)	92% (\pm 4.7%) p=0.19 ns (45 veins)
		Measurement of blood vessel width	
P6 (19 WT retinae) (17 KO retinae)	arteries	100% (96 arteries)	106% (\pm 3%) p=0.14 ns (84 arteries)
	veins	100% (81 veins)	96.7% (\pm 4%) p=0.45 ns (87 veins)
P8 (8 WT retinae) (10 KO retinae)	arteries	100% (33 arteries)	101% (\pm 5%) p=0.77 ns (38 arteries)
	veins	100% (25 veins)	95% (\pm 3%) p=0.08 ns (38 veins)