Supplementary Figure 1. Fibronectin and elastin synthesis is unaffected in MMP-9 null mice. (a, d) qPCR analysis of *Fn1* and *Eln* mRNA expression levels in tissue lysates of the anterior chamber angle region reveals no significant differences in fibronectin and elastin synthesis in MMP-9 null mice in comparison to wild type mice (N=6; Student’s *t*-test) (b) Overview images
of an immunohistological staining for fibronectin in the iridocorneal angle; and (c) high-magnification images of this staining in the trabecular meshwork, confirm expression of fibronectin in the trabecular meshwork, yet do not point to any differences between wild type and MMP-9 null mice. (d) Overview images of a Verhoeff’s Van Gieson histological staining for elastin (visible as black fibers) on sections of the anterior chamber angle region; as well as (e) detailed images of the trabecular meshwork, confirm the qPCR data by showing no apparent changes in elastin staining in MMP-9 null animals. Of note, elastin staining in the anterior chamber angle is limited to a thin lining of the trabecular meshwork (arrows). Scale bars (b, e): 50 \mu m; (c, f): 10 \mu m. cb: ciliary body; tm: trabecular meshwork.