



**Supplemental Figure 3:** Retinoschisin-deficient murine retinæ explanted at P18 were cultured for four days in medium containing retinoschisin (RS1) or the same volume of control eluate (ctr), in the presence of 0 or  $10^{-6}$  M digoxin (D). After washing and embedding, cryosections of these explants were subjected to staining with anti-Atp1a3 antibody (green), anti-retinoschisin antibody (red) and DAPI (blue, depicting nuclei). IS, inner segments; ONL, outer nuclear layer. Scale bar: 10  $\mu$ m.