

Supporting Information

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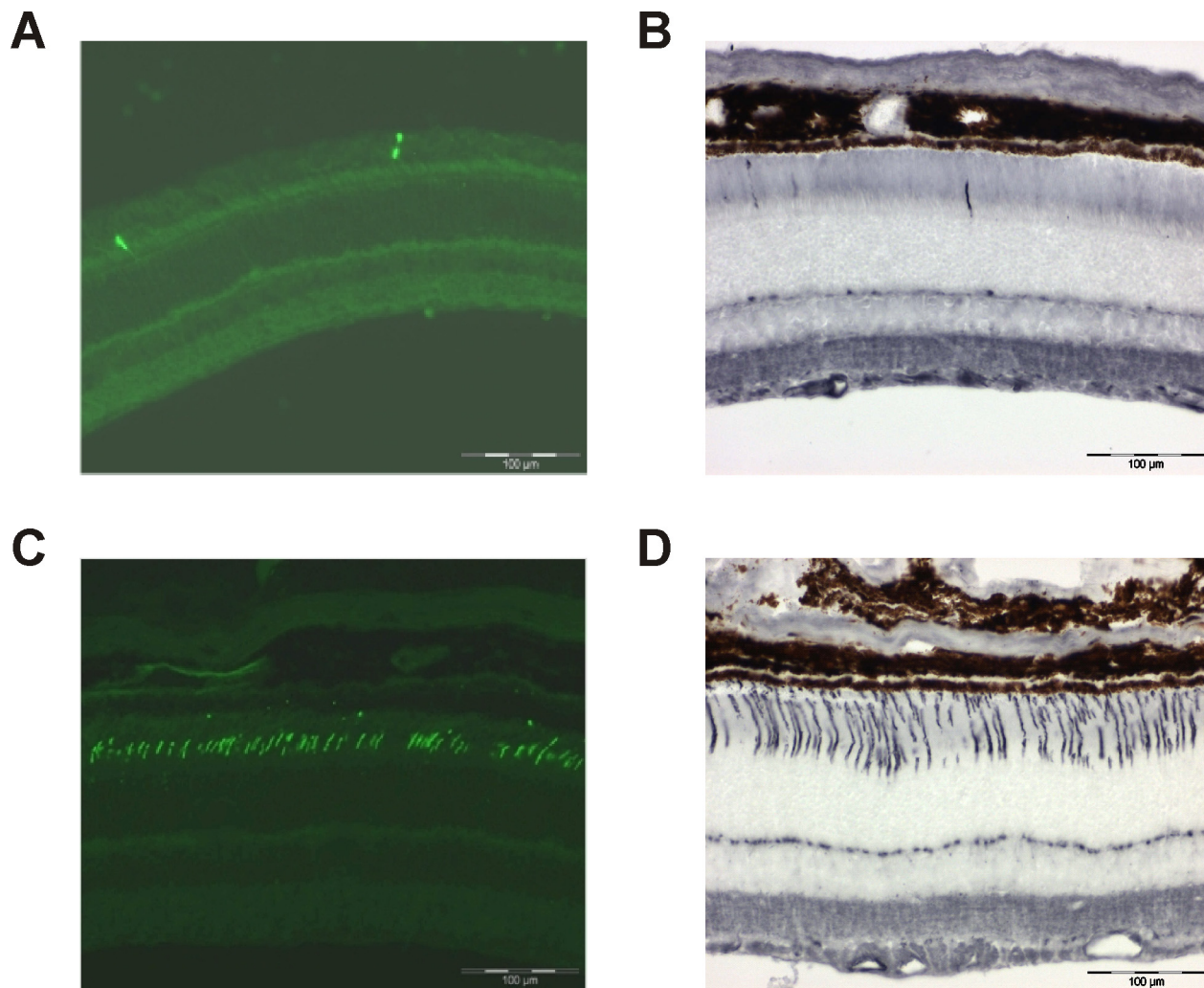


Fig. S1. Nearly complete loss of cones in 5-month-old *cpfl1* mice. Retinal sections of a 5-month-old *cpfl1* mutant were immunostained with an antibody against the M opsin (A) or stained with HRP-conjugated peanut agglutinin that specifically binds to cone sheaths (B), respectively. In comparison with an age-matched C57BL/6J control (C and D) there were only very few cones left in the *cpfl1* retina.



Fig. S6. Fundus alterations in a patient with *PDE6C*-associated achromatopsia. Fundus photograph of the right eye of patient CHRO 9/II:3 showing the posterior pole with the macula with evidence of a weak and incomplete foveal reflex around the fovea, pigment mottling of the fovea and atrophy of the retinal pigment epithelium around the optic disc.