Supplementary Figure S1 Toluidine blue staining of the samples for the EM images in Figure 2A-H. Semi-thin sections (1μm) of P20 mice stained with toluidine blue used for the analysis on a transmission electron microscopy. Scale bar = 25 μm.

Supplementary Figure S2 Photopic ERGs in the retinas treated with Fenretinide. The a-waves (A,B) and b-waves (C,D) in C57BL/6xCBA/NSlc retinas were recorded under photopic conditions, as in Figure 6. The gray arrows in (C) indicate the points where scores were too low and are not visible.

Supplementary Table S1 Sequences for the qRT-PCR analysis