



**Figure S1. Mitochondrial fragmentation in RPE from 18-month-old KD/KO albino mice.** (A-B) TEM microphotographies of retinal pigmented cells from WT/WT and KD/KO of old mice (18 months) were used to quantify different aspects of mitochondria. (C) Graphics of Bruch's membrane width, and mitochondrial area, length, and aspect ratio. Scale bar: 500 nm. The data are expressed as the mean  $\pm$ SD, n=38-44 mitochondria from 3 animals per group. Statistical analysis by Mann-Whitney test: \*p-value  $\leq$  0,05.