Supplementary Figure 4. Glaucoma-mutant OPTN proteins restored mitophagy and localized to mitochondria.

(A) Representative pictures of mito-Keima signals observed in OPTN-transduced DKO_HeLa cells, related to Figure 6B. DKO_HeLa cells were transduced with GFP-OPTN and treated with O/A for 6 h. The mito-Keima signals transported to lysosomes were considered to represent “mitophagy” (in red), and non-degraded mitochondria were designated as “mitochondria” (in green). Scale bars, 10 μm. (B) Representative pictures of GFP-OPTN signals observed in OPTN-transduced DKO_HeLa cells, related to Figure 6C. DKO_HeLa cells were transduced with GFP-OPTN and treated with O/A for 6 h. The subcellular localizations of exogenous OPTN were examined according to GFP signals (green). Mitochondria (red). Scale bars, 10 μm.