Supplemental Figure 5. Microscopy images of OPTN and ANG protein aggregates in mammalian cells. NIH3T3 cells were transiently transfected with wild-type GFP-OPTN or GFP-OPTN mutants (E50K or E478G) (A) and wild-type GFP-ANG or GFP-ANG mutants (K17I, K40I, or P112L) (B). After 36 hr of transient transfection, cells were incubated with vehicle (veh) or 10 μM BIX 02189 for 12 hr. Protein aggregates were visualized using fluorescence microscopy and quantified (lower). Protein aggregates (puncta (>1 μm)/cell) were counted using ImageJ software (Analyze particles). Results were obtained from at least 10 cells per group. Scale bar, 20 μm. *p < 0.05 between the indicated groups; mean ± SD.