Supplementary Figures & Legends:

**Supplementary Figure 1:** XIAP immunostaining in the AAV-XIAP-GFP transduced ARPE-19 cells. A stronger XIAP staining correlated to GFP fluorescence was detected in the transduced cells (arrows) compared with the non-transduced cells. Scale bar=50µm.

**Supplementary Figures 2:** XIAP immunostaining in the AAV-NUL-GFP transduced ARPE-19 cells. Weak XIAP staining fluorescence was observed in both the transduced (asterisks) and non-transduced cells. Scale bar=50µm