



**Figure S1.** The autophagic turnover rate of SQSTM1 and MAP1LC3B in ARPE-19 cells. (A) The ARPE-19 cells were treated with BafA1 (100 nM) for the indicated time points. Equal amounts of protein (20  $\mu$ g) was loaded for each condition and immunoblotted for SQSTM1 and MAP1LC3B.  $\beta$ -actin (ACTB) and PCNA were used as loading controls. (B) The half-lives of SQSTM1 and MAP1LC3B were quantified using the regression line from the average fold change from four independent experiments. BafA1 treatment for 2 h was set to 1. R represents the correlation coefficient.