

Supplementary information, Figure S5

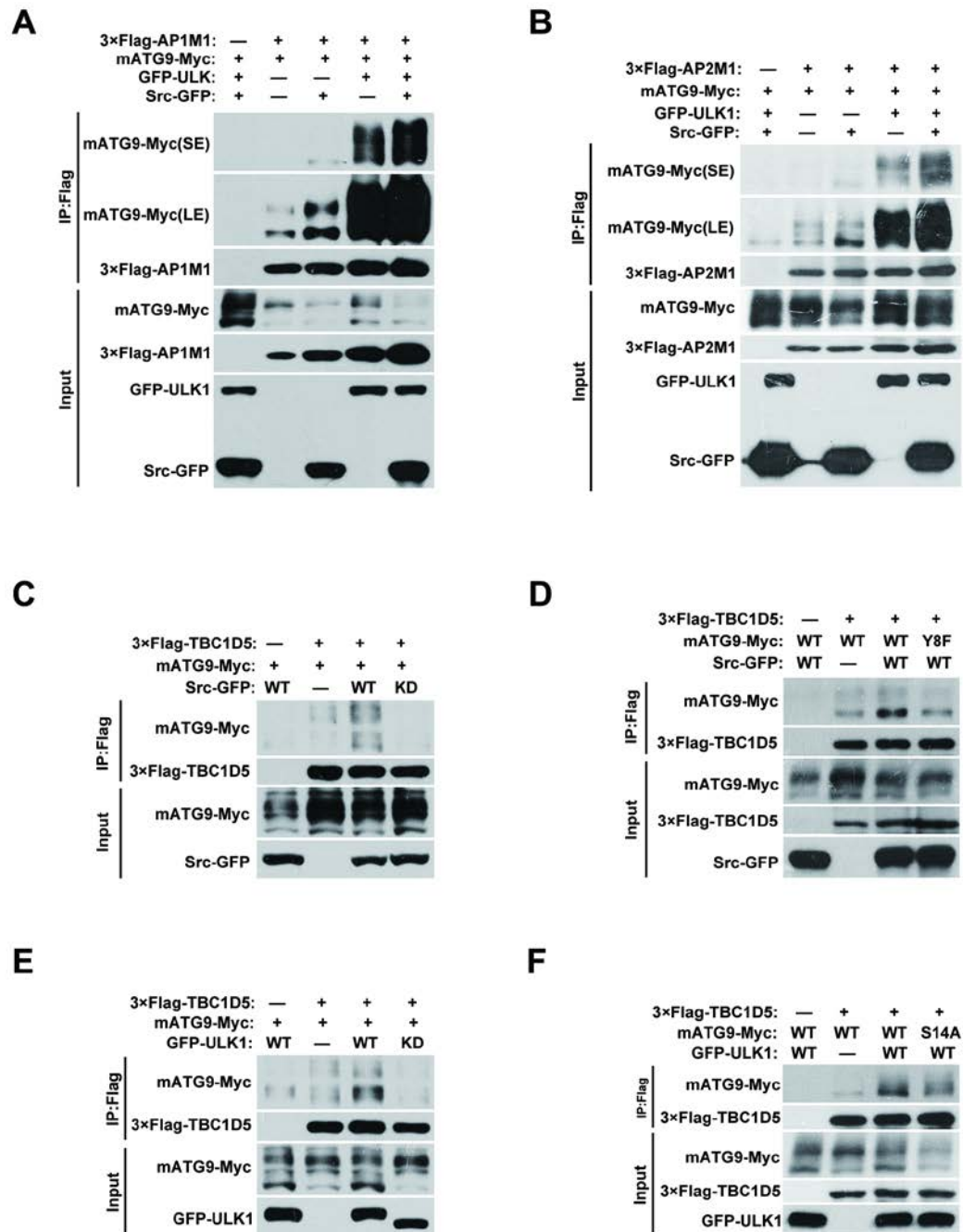


Figure S5 Phosphorylation of Y8 and S14 promotes mATG9 trafficking and interaction with TBC1D5. (A, B) HEK293T cells were co-transfected with mATG9-Myc, 3×Flag-AP1/2M1 and GFP vector, Src-GFP and/or GFP-ULK1 for 24 h, and then collected for immunoprecipitation with anti-Flag antibody. (C) HEK293T

cells were co-transfected with mATG9-Myc, 3×Flag-TBC1D5 and Src-GFP or KDSrc-GFP for 24 h, and then collected for immunoprecipitation with anti-Flag antibody. **(D)** HEK293T cells were co-transfected with WT mATG9-Myc or the Y8F mutant, 3×Flag-TBC1D5 and Src-GFP for 24 h, and then collected for immunoprecipitation with anti-Flag antibody. **(E)** HEK293T cells were co-transfected with mATG9-Myc, 3×Flag-TBC1D5 and GFP-ULK1 or KD GFP-ULK1 for 24 h, and then collected for immunoprecipitation with anti-Flag antibody. **(F)** HEK293T cells were co-transfected with WT mATG9-Myc or S14A mutant, 3×Flag-TBC1D5 and GFP-ULK1 for 24 h, and then collected for immunoprecipitation with anti-Flag antibody.