



Fig. S2. Crocin II promotes the degradation of Angptl8 protein through the autophagosome-lysosome pathway, referred to Fig. 2. (A) CCK-8 assay showing cell viability of mouse PHs treated with indicated doses of Crocin II for 24 h. (B) The quantitative analysis of Angptl8 protein levels in mouse PHs treated with different concentrations of Crocin II for 12 h. (C) The quantitative analysis of Angptl8 protein levels in mouse PHs treated with 100 μM Crocin II for different time points. n = 3, n.s., no significance, * $P < 0.05$ and ** $P < 0.01$ v.s. CTL group, one-way ANOVA followed by Bonferroni's *posthoc* test. (D) The relative fluorescence intensity of autolysosomes in mouse PHs treated with 100 μM Crocin II for 12 h. (E) The quantitative analysis of protein levels of LC3B-II/LC3B-I and p62 in mouse PHs treated with 100 μM Crocin II for 12 h. n = 3, * $P < 0.05$ and ** $P < 0.01$ v.s. CTL group, one-way ANOVA followed by Bonferroni's *posthoc* test. All values are presented as the mean \pm SD. (F) The binding pattern of human p62 with Crocin II.