

Figure S1

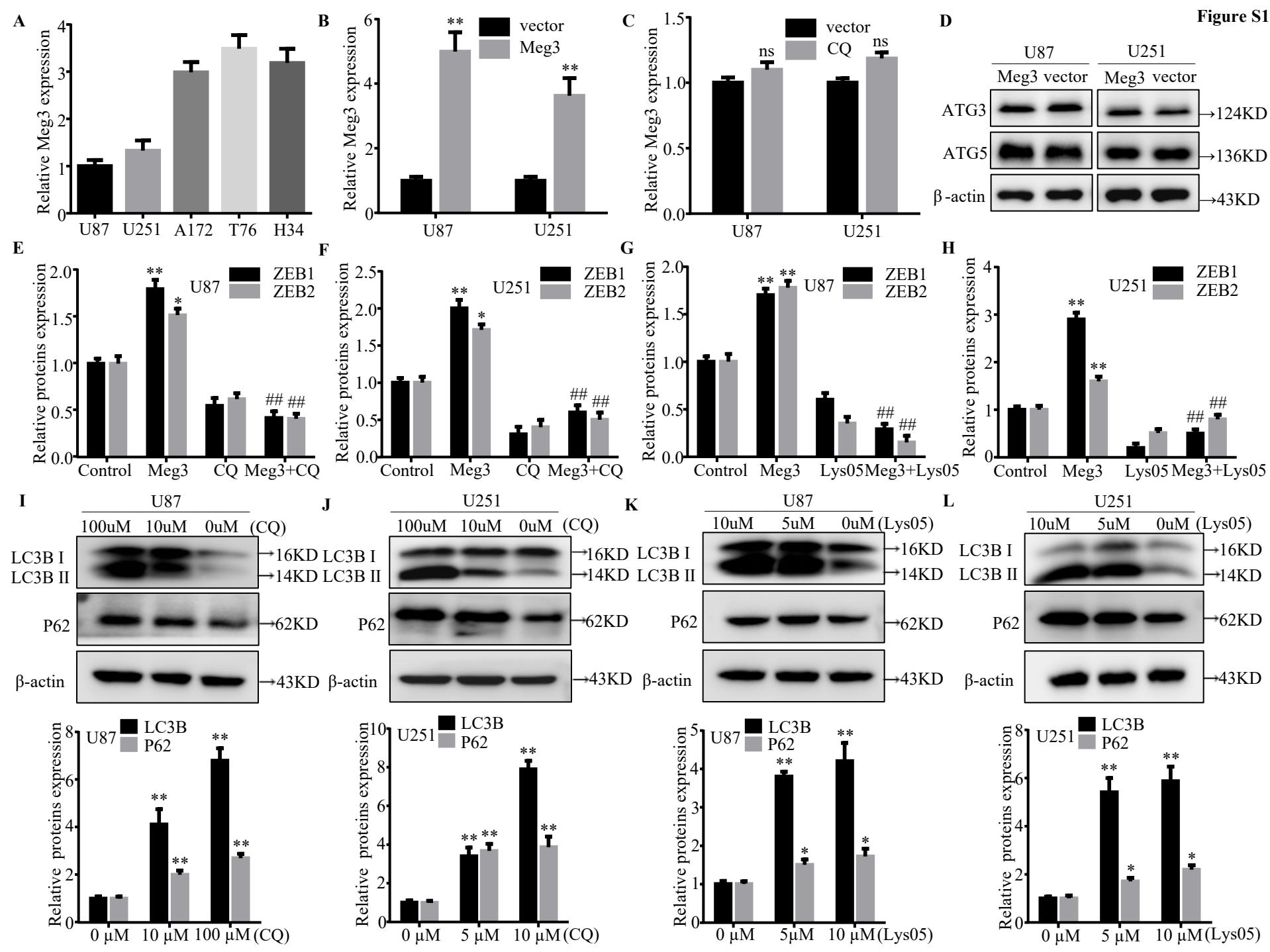


Figure S1 (A) The abundance of Meg3 in U87 and U251 glioma cell lines is low. (B) Meg3 expression was increased in U87 and U251 glioma cells transfected with Meg3 plasmid. **P<0.01 vs vector. (C) The expression of Meg3 in U87 and U251 glioma cells treated with CQ (100 μ m) for 24h had little changed compared with the control group. ns means no significant. (D) The protein expression levels of autophagy-associated genes (ATG3 and ATG5) in U87 and U251 glioma cells transfected with Meg3 plasmid and vector were tested by western blotting. (E-H) The protein expression levels of EMT markers (ZEB1 and ZEB2) in glioma cells transfected with Meg3 plasmid and vector with or without CQ or Lys05 treatment were tested by western blotting. (I-L) Western blot analysis showed the dose-dependent effect of CQ or Lys05 treatment (24 h) on the expression levels of LC3B and P62 in U87 and U251 glioma cells. *P<0.05, **P<0.01 vs control; ##P<0.01 vs Meg3.