

Fig. S1. Effects of EGCG and metformin on the cell viability.

(A and B) A549 cells were treated with the indicated concentration of metformin for the indicated times, and cell viability was subsequently measured using an MTT assay. (C) A549 cells were treated with the indicated concentrations of metformin for 48 h and then with EGCG for 24 h, and cell viability was subsequently measured using an MTT assay.

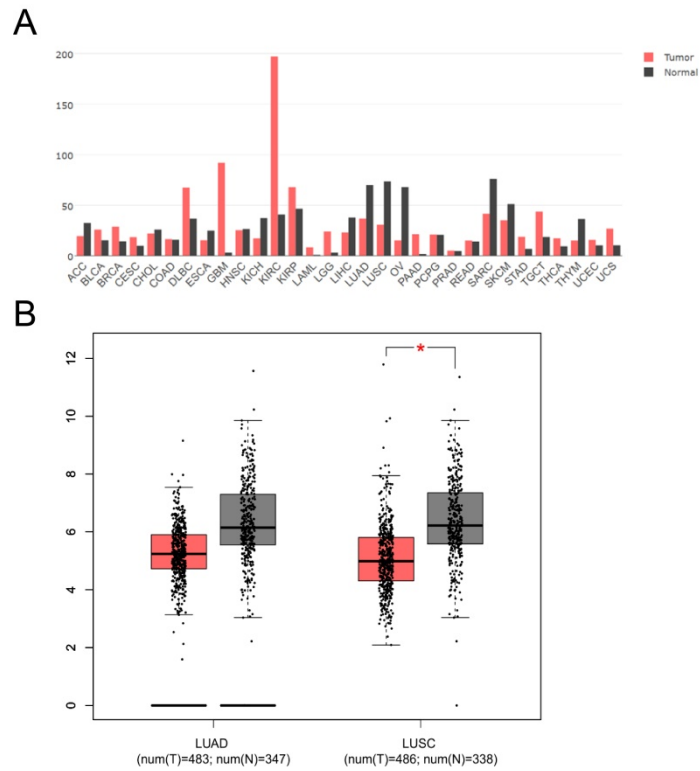


Fig. S2. HO-1 mRNA levels in different cancers.

(A) HO-1 mRNA levels in 30 cancers, according to the TCGA database. (B) Boxplot of HO-1 mRNA levels in lung adenocarcinoma (LUAD) and lung squamous cell carcinoma (LUSC) samples.

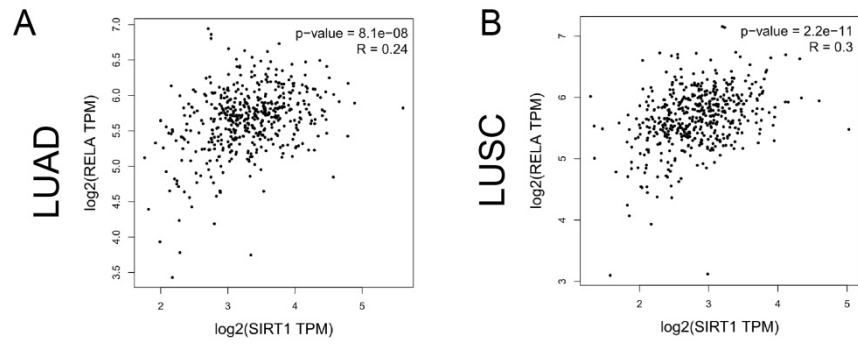


Fig. S3. NF- κ B expression correlates with *SIRT1* expression.

NF- κ B expression correlates with *SIRT1* expression in (A) lung adenocarcinoma (LUAD) and (B) lung squamous cell carcinoma (LUSC) samples, according to the TCGA database.