



Supplementary Figure 1. The flowchart of the present study, distribution of the imputation info score and the Manhattan plot for global viewing of all SNPs in the cholesterol-related genes and the association with NSCLC survival. Abbreviations: SNP, single nucleotide polymorphism; PLCO, the Prostate, Lung, Colorectal and Ovarian Cancer Screening Trial; HLCS, Harvard Lung Cancer Susceptibility. **(A)** The flowchart of the present study. **(B)** Distribution of the imputation info score (≥ 0.8) of the present study. **(C)** 26,781 SNPs in the PLCO Trial GWAS dataset. **(D)** Manhattan plot of cholesterol-related genes in the HLCS study dataset. The 22 autosomes were presented in different colors on the x-axis. The values on the y-axis were $-\log_{10} P$ values of the association of SNPs with NSCLC survival. The blue horizontal line indicates $P = 0.05$ and the red line indicates $\text{BFDP} = 0.80$.