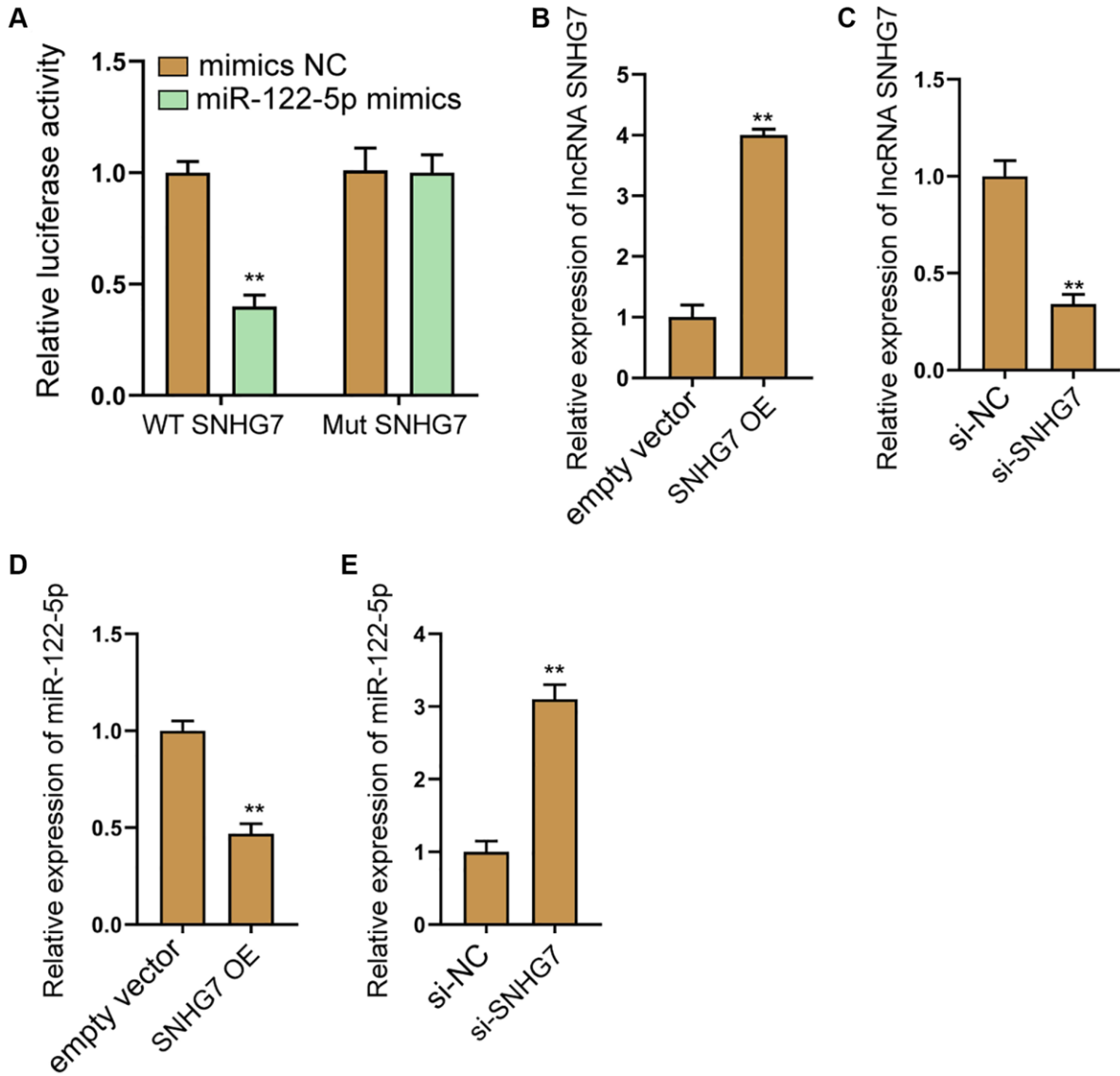
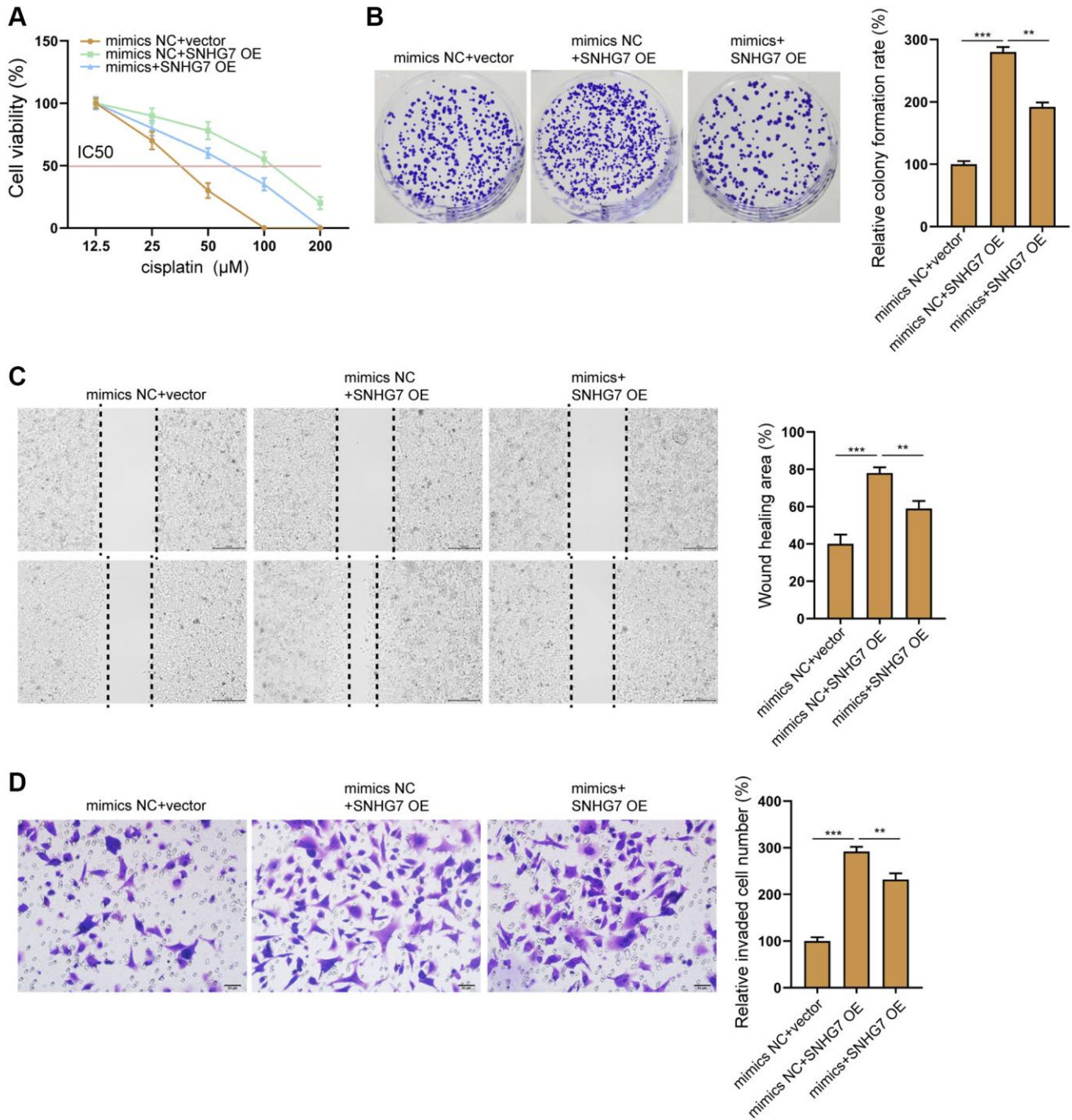


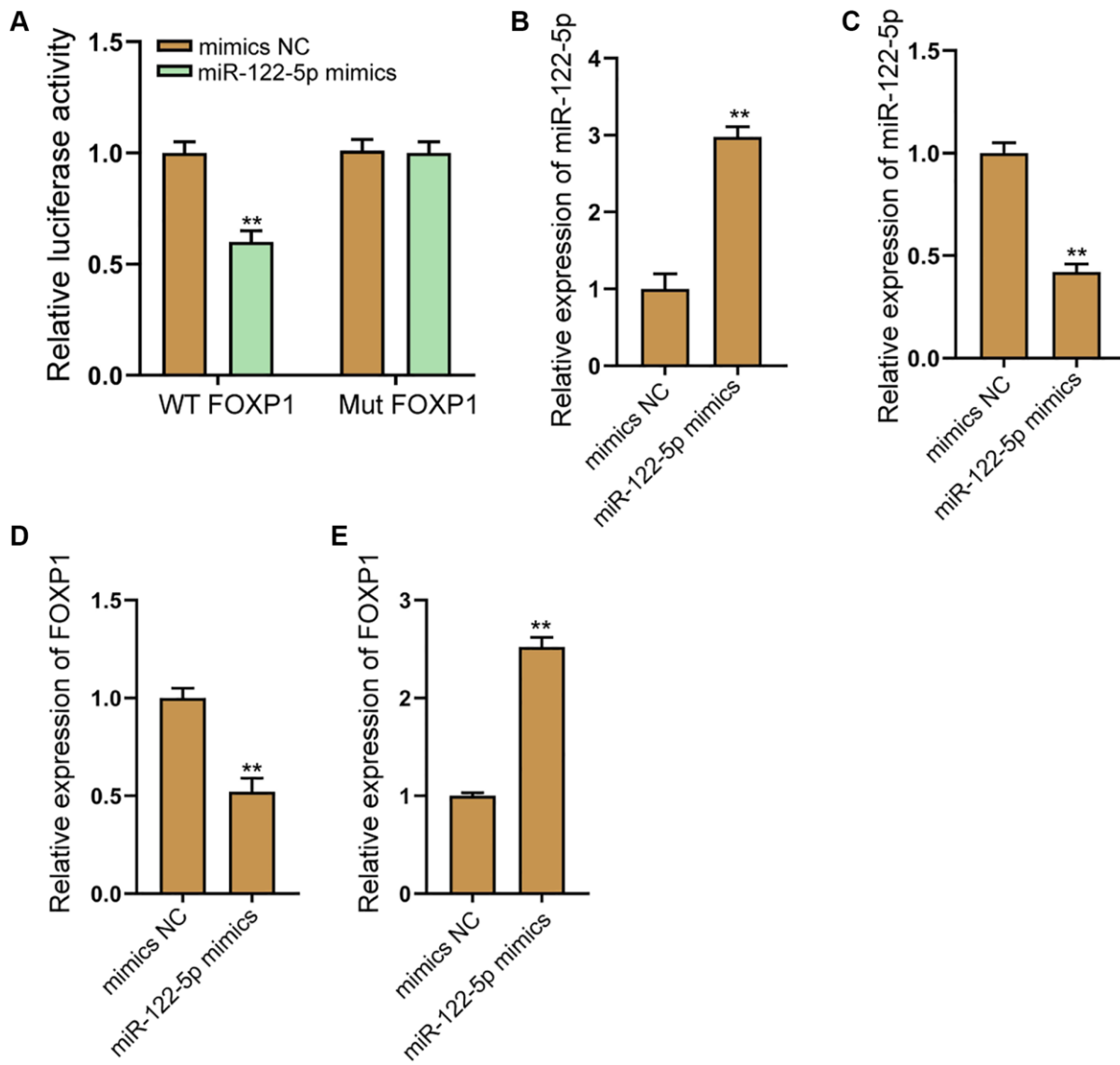
SUPPLEMENTARY FIGURES



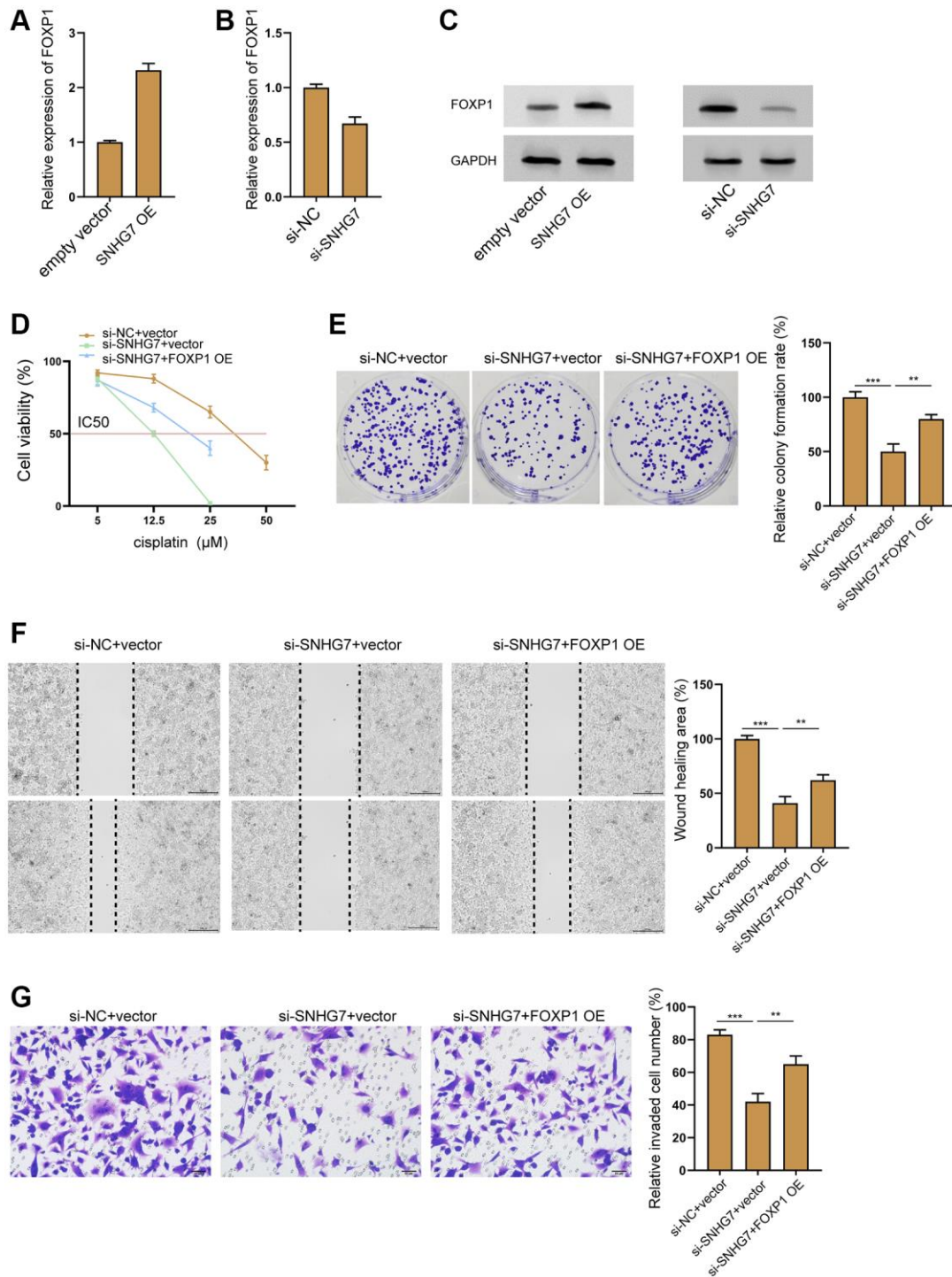
Supplementary Figure 1. LncRNA SNHG7 acted upstream of miR-122-5p. (A) The binding capacity was evaluated by luciferase reporter assay. (B and C) Relative expression of lncRNA SNHG7 in SiHa cells with SNHG7 OE or si-SNHG7. (D and E) Relative expression of miR-122-5p in SiHa cells with SNHG7 OE or si-SNHG7. WT SNHG7, wild type lncRNA SNHG7; Mut SNHG7, mutant type lncRNA SNHG7; mimics NC, negative control mimics; SNHG7 OE, lncRNA SNHG7 overexpression; si-NC, negative control siRNA; si-SNHG7, lncRNA SNHG7 siRNA. ** $p < 0.01$, *** $p < 0.001$.



Supplementary Figure 2. MiR-122-5p antagonized the biological roles of lncRNA SNHG7 in promoting malignant behaviors of SiHa cells. IC50 value (A), colony formation (B), migratory capacity (C), and invasive capacity (D) of SiHa cells in the presence or absence of SNHG7 OE and miR-122-5p mimics. mimics NC, negative control mimics; SNHG7 OE, lncRNA SNHG7 overexpression; mimics, miR-122-5p mimics; IC50, half maximal inhibitory concentration. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$.



Supplementary Figure 3. FOXP1 was the downstream molecule of miR-122-5p. (A) The binding capacity was evaluated by luciferase reporter assay. (B and C) Relative expression of miR-122-5p in SiHa cells with miR-122-5p mimics transfection or miR-122-5p inhibitor transfection. (D and E) Relative expression of FOXP1 in SiHa cells with miR-122-5p mimics transfection or miR-122-5p inhibitor transfection. ** $p < 0.01$, *** $p < 0.001$.



Supplementary Figure 4. FOXP1 overexpression rescued the biological roles of lncRNA SNHG7 knockdown in SiHa cells. (A–C) Relative expression of FOXP1 in SiHa cells with SNHG7 OE and si-SNHG7 transfection. IC50 value (D), colony formation (E), migratory capacity (F), and invasive capacity (G) of SiHa cells in the presence or absence of si-SNHG7 and FOXP1 OE. SNHG7 OE, lncRNA SNHG7 overexpression; si-NC, negative control siRNA; si-SNHG7, lncRNA SNHG7 siRNA; FOXP1 OE, FOXP1 overexpression; IC50, half maximal inhibitory concentration. ** $p < 0.01$, *** $p < 0.001$.