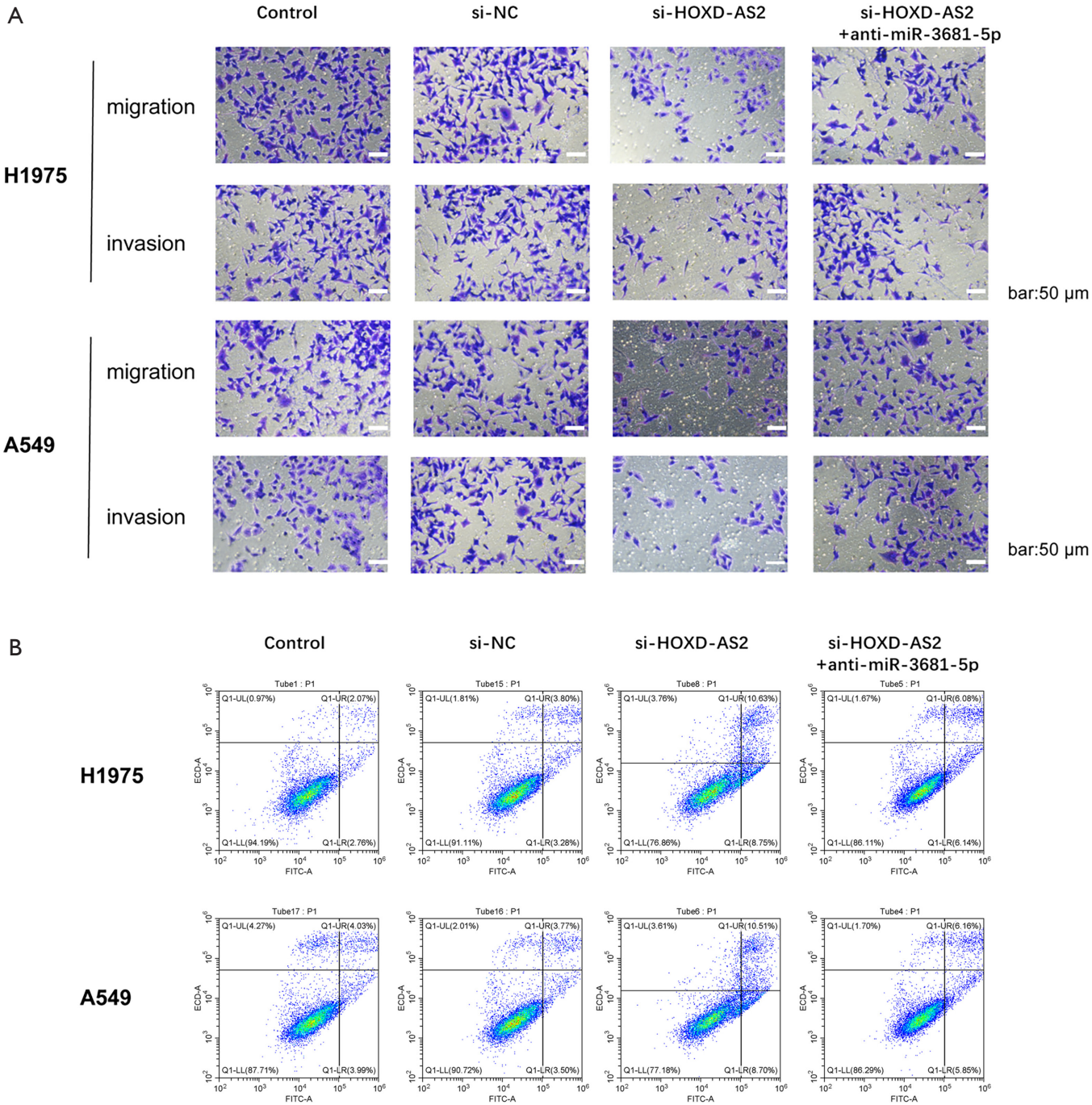

Figure S1 *HOXD-AS2/miR-3681-5p* axis modulated cell migration, invasion, and apoptosis. (A) Cell migration and invasion abilities of H1975 and A549 cells treated with Control, si-NC, si-*HOXD-AS2*, or si-*HOXD-AS2* + anti-*miR-3681-5p* were detected (crystal violet staining; scale bar: 50 μm). (B) Apoptosis of H1975 and A549 cells treated with Control, si-NC, si-*HOXD-AS2*, or si-*HOXD-AS2* + anti-*miR-3681-5p* in 4 groups was assessed by flow cytometry. ECD, phycoerythrin-Texas Red; FITC, fluorescein isothiocyanate; NC, negative control; UL, upper left; UR, upper right; LL, lower left; LR, lower right; si, small interfering.

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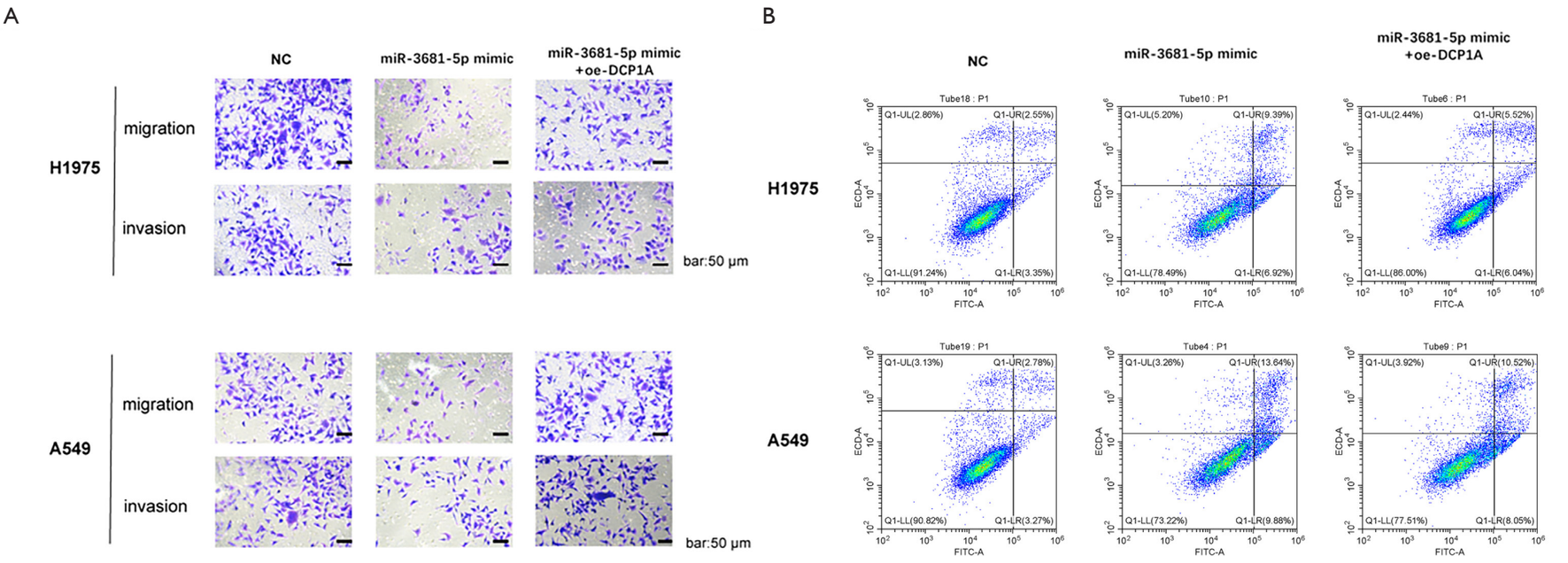

Figure S2 *MiR-3681-5p/DCP1A* axis modulated cell migration, invasion, and apoptosis. (A) Cell migration and invasion abilities of H1975 and A549 cells treated with NC, *miR-3681-5p* mimic, or *miR-3681-5p* mimic + oe-*DCP1A* were evaluated through transwell assays (crystal violet staining; scale bar: 50 μm). (B) Apoptosis of H1975 and A549 cells treated with NC, *miR-3681-5p* mimic, or *miR-3681-5p* mimic + oe-*DCP1A* were evaluated by flow cytometry. ECD, phycoerythrin-Texas Red; FITC, fluorescein isothiocyanate; NC, negative control; UL, upper left; UR, upper right; LL, lower left; LR, lower right; oe, overexpression.

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