

Figure S1. Regulation of EGFR, p-EGFR and HIF-1 α expression by mdig under normoxic and hypoxic conditions. (A) Reverse transcription-quantitative PCR results showed that there was no transcriptional regulation of EGFR and HIF-1 α by mdig. * $P < 0.05$, ** $P < 0.01$, LV-mdig vs. LV-con and LV-mdig-RNAi vs. LV-mdig-RNAi-con. (B) Densitometry analysis (LV-mdig/LV-con) of EGFR and p-EGFR in mdig-overexpressing A549 and H1299 cells. * $P < 0.05$, p-EGFR vs. EGFR. (C) Co-immunoprecipitation analysis revealed no direct interactions between mdig and EGFR or HIF-1 α at the protein levels in mdig-overexpressing A549 cells. mdig, mineral dust-induced gene; EGFR, epidermal growth factor receptor; HIF-1 α , hypoxia-inducible factor-1 α ; p-, phospho; LV, lentivirus; RNAi, RNA interference; con, control.

