

Table S1. List of primers for qRT-PCR

Gene name	Primer sequences (5'-3')
LMNA	FW: ATGAGGACCAGGTGGAGCAGTA RV: ACCAGGTTGCTGTCCTCTCAG
LMNB1	FW: GAGAGAACATGATGCCAAGTG RV: GTTCTTCCCTGGCACTGTTGAC
CDH1	FW: GCCTCCTGAAAAGAGAGTGGAAAG RV: TGGCAGTGTCTCTCAAATCCG
CDH2	FW: CCTCCAGAGTTACTGCCATGAC RV: GTAGGATCTCCGCCACTGATTG
VIM	FW: AGGCAAAGCAGGAGTCCACTGA RV: ATCTGGCGTTCCAGGGACTCAT
SNAI1	FW: TGCCCTCAAGATGCACATCCGA RV: GGGACAGGAGAAGGGCTTCTC
TWIST1	FW: GCCAGGTACATCGACTTCCTCT RV: TCCATCCTCCAGACCGAGAAGG
ZEB1	FW: GGCATACACCTACTCAACTACGG RV: TGGGCGGTGTAGAATCAGAGTC
GAPDH	FW: GTCTCCTCTGACTTCAACAGCG RV: ACCACCCTGTTGCTGTAGCCAA

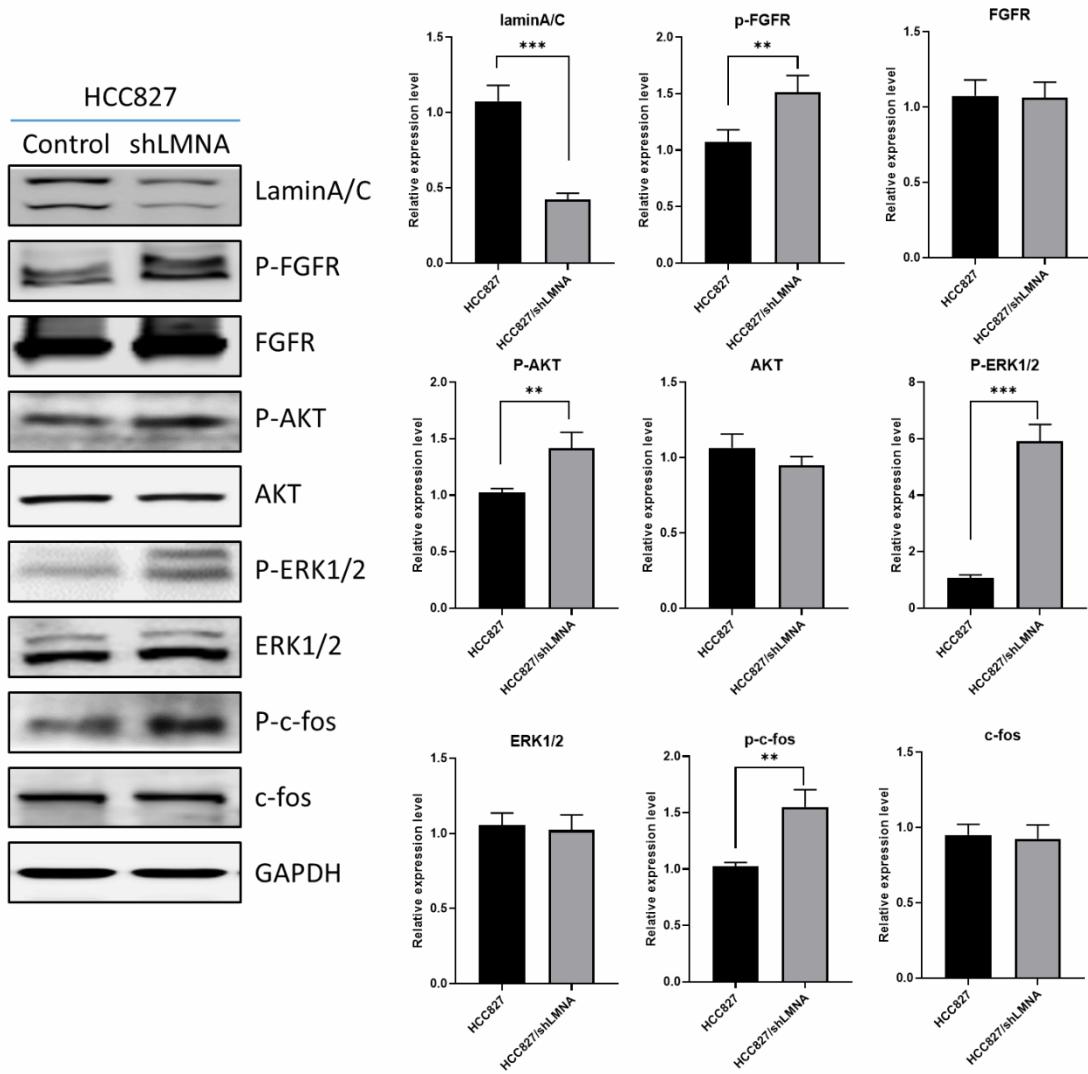


Figure S1. Knockdown of LMNA activated the FGFR/MAPK/c-fos signaling pathway in HCC827 cells. Western blot analysis was performed to detect the expression of laminA/C, P-FGFR, P-AKT, P-ERK1/2, P-c-fos in HCC827 and HCC827/shLMNA cells. Data are presented mean \pm SD from three independent experiments. Significant differences are indicated as follows: Student's t-test, ** $p < 0.01$, *** $p < 0.001$.