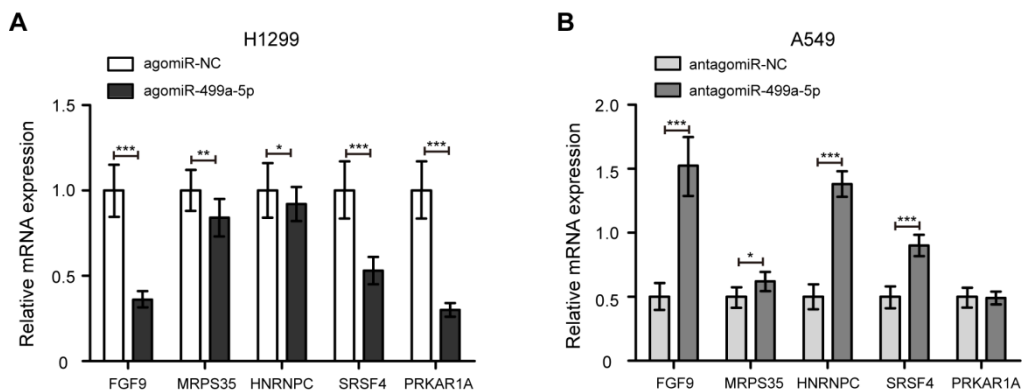
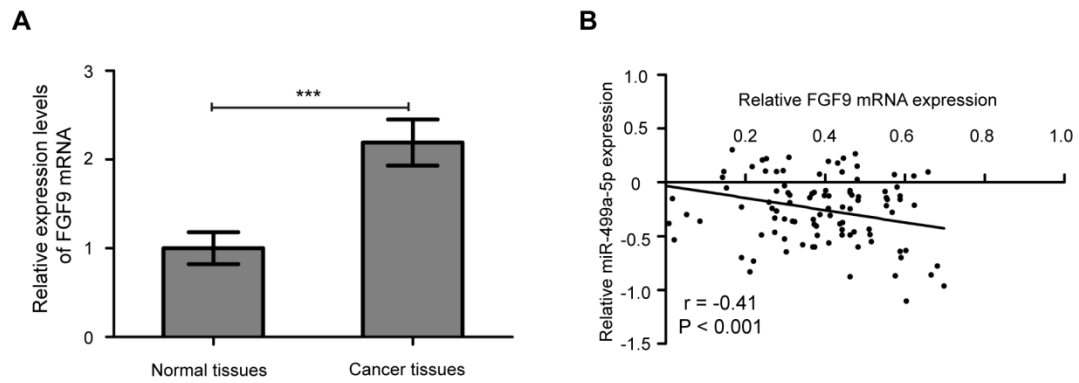


**Figure S1.** miR-499a-5p suppresses NSCLC cell colony formation. (A) Colony formation assay was used to detect cell proliferation capacity of H1299 and PC-9 cells after transfection of agomiR-499a-5p. (B) The antagomiR-499a-5p increased colony formation of A549 cells compared to antagomiR-NC-transfected cells. \* $P < 0.05$ , \*\*\* $P < 0.001$ .



**Figure S2.** The potential target genes of miR-499a-5p in NSCLC cells. (A) RT-qPCR analysis of FGF9, MRPS35, HNRNPC, SRSF4, PRKAR1A mRNA expression in H1299 cells after transfection of agomiR-499a-5p. (B) FGF9 mRNA expression was upregulated the most by antagomiR-499a-5p in A549 cells. \* $P < 0.05$ , \*\* $P < 0.01$ , \*\*\* $P < 0.001$ .



**Figure S3.** Expression of FGF9 in NSCLC samples. (A) RT-qPCR analysis of FGF9 mRNA expression in cancer tissues and matched adjacent normal tissues from NSCLC patients. (B) Spearman's correlation analysis the correlation between miR-499a-5p and FGF9 mRNA expression in tumor specimens. \*\*\* $P < 0.001$ .