

FZD2 regulates cell proliferation and invasion in tongue squamous cell carcinoma

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Supplementary figures.

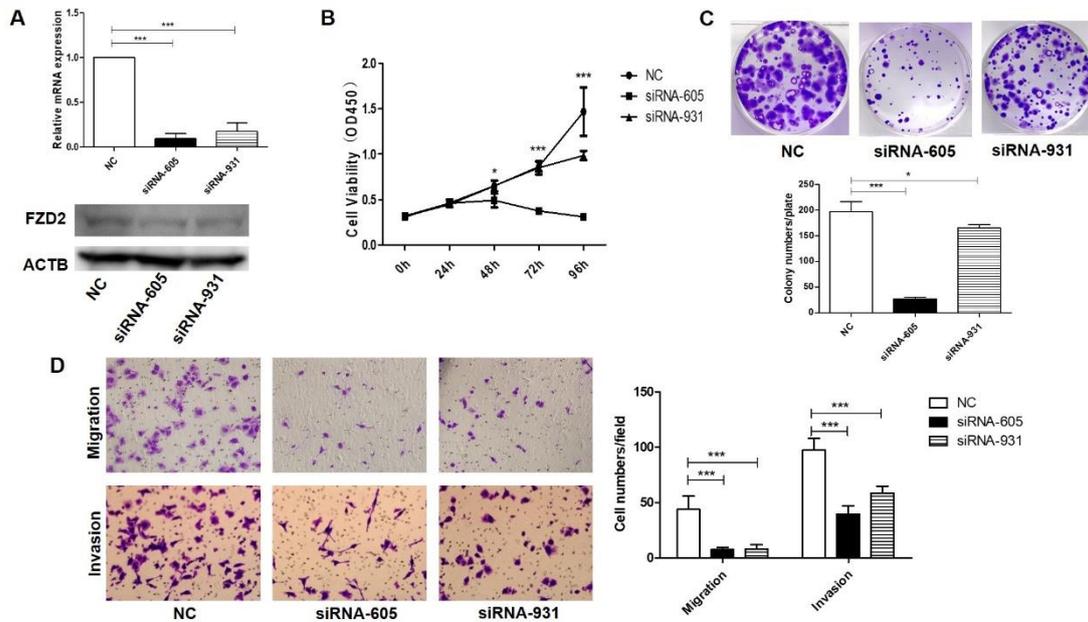


Figure S1. Knockdown of FZD2 inhibited the growth, migration and invasion of TCA-8113 cells in vitro. After siRNA transfection in TCA-8113 cells, the expression of FZD2 was measured by real-time PCR (A, upper panel) and Western blot (A, lower panel), the cell proliferation was detected by CCK8 assay (B, $P < 0.05$ from 48 h to 96 h) and colony-formation assay (C, $P < 0.005$, $n=3$). The cells migration and invasion were detected by transwell assay coated with or without matrigel (D, $P < 0.005$), the representative images of transwell inserts coated without (upper panel) or with (lower panel) matrigel.

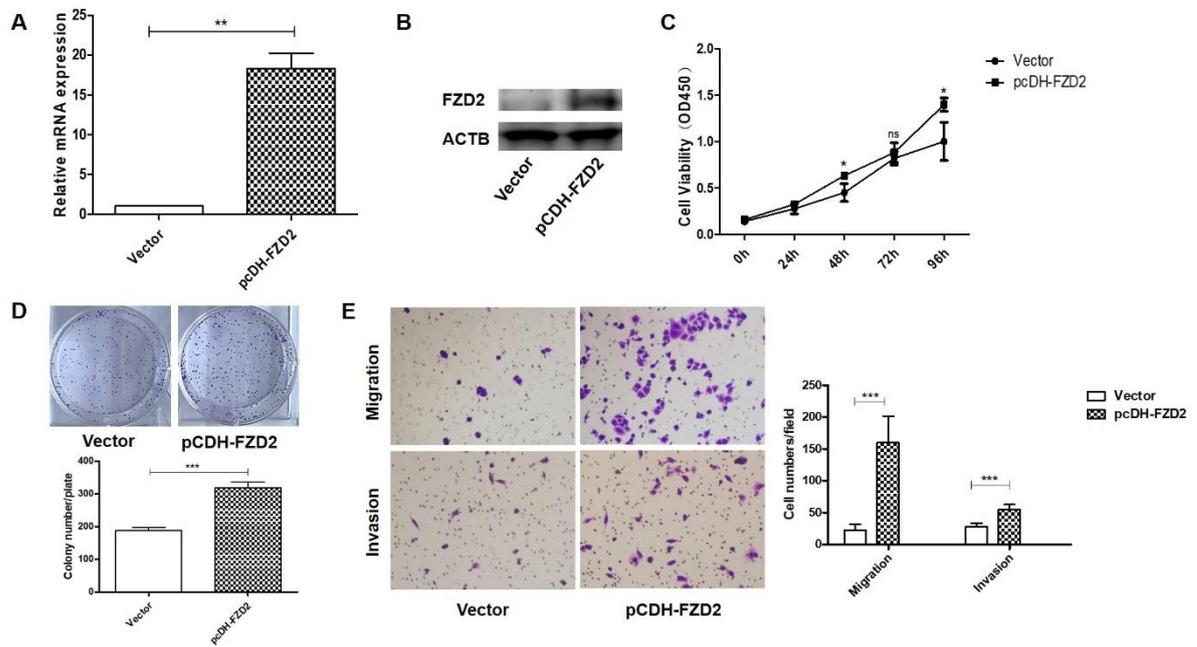


Figure S2. Upregulation of FZD2 in TCA-8113 cells promoted cells growth, migration and invasion in vitro. After transfected with plasmid, the expression of FZD2 was measured by real-time PCR (A) and Western blotting (B), the cell proliferation was detected by CCK8 assay (C, $P < 0.05$ from 48 h to 96 h) and colony-formation assay (D, $P < 0.01$, $n=3$). The cells migration and invasion were detected by transwell assay coated with or without matrigel (E, $P < 0.005$), the representative images of transwell inserts coated without (upper panel) or with (lower panel) matrigel.