

Resource Summary Report

Generated by [NIF](#) on Aug 22, 2026

pBp-FGFR2b-WT

RRID:Addgene_45698

Type: Plasmid

Proper Citation

RRID:Addgene_45698

Plasmid Information

URL: <http://www.addgene.org/45698>

Proper Citation: RRID:Addgene_45698

Insert Name: FGFR2 IIIb

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23786770](#)

Vector Backbone Description: Backbone Size:5500; Vector Backbone:pBabe puro Gateway; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Plasmid Name: pBp-FGFR2b-WT

Record Creation Time: 20220422T222236+0000

Record Last Update: 20260815T081525+0000

Ratings and Alerts

No rating or validation information has been found for pBp-FGFR2b-WT.

No alerts have been found for pBp-FGFR2b-WT.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Shilo A, et al. (2022) HiFENS: high-throughput FISH detection of endogenous pre-mRNA splicing isoforms. *Nucleic acids research*, 50(22), e130.

Lei JH, et al. (2021) Activation of FGFR2 Signaling Suppresses BRCA1 and Drives Triple-Negative Mammary Tumorigenesis That is Sensitive to Immunotherapy. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 8(21), e2100974.

Turczyk L, et al. (2017) FGFR2-Driven Signaling Counteracts Tamoxifen Effect on ER⁺-Positive Breast Cancer Cells. *Neoplasia* (New York, N.Y.), 19(10), 791.

Ranieri D, et al. (2016) Expression of the FGFR2 mesenchymal splicing variant in epithelial cells drives epithelial-mesenchymal transition. *Oncotarget*, 7(5), 5440.

Czaplinska D, et al. (2014) Phosphorylation of RSK2 at Tyr529 by FGFR2-p38 enhances human mammary epithelial cells migration. *Biochimica et biophysica acta*, 1843(11), 2461.

Sanidas I, et al. (2014) Phosphoproteomics screen reveals akt isoform-specific signals linking RNA processing to lung cancer. *Molecular cell*, 53(4), 577.