

Resource Summary Report

Generated by [NIF](#) on Aug 2, 2026

pWZL Blast Twist ER

RRID:Addgene_18799

Type: Plasmid

Proper Citation

RRID:Addgene_18799

Plasmid Information

URL: <http://www.addgene.org/18799>

Proper Citation: RRID:Addgene_18799

Insert Name: twist

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18485877](#)

Vector Backbone Description: Backbone Size:5100; Vector Backbone:pWZL-Blast; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Comments: pWZL-Blast-Twist-ER was generated by replacing the MYC cDNA of pWZL-Blast-DN-MycER (Littlewood et al., 1995; Watnick et al., 2003) with the mTwist cDNA PCR amplified from pBp-mTwist.

Plasmid Name: pWZL Blast Twist ER

Relevant Mutation: G525R mutation in the ER. The presence of the G525R point mutation in the cloned ER sequence abrogates its binding to 17 β -estradiol while keeping its full sensitivity to the synthetic ligand 4'-hydroxytamoxifen (4OHT)

Record Creation Time: 20220422T222042+0000

Record Last Update: 20260801T080942+0000

Ratings and Alerts

No rating or validation information has been found for pWZL Blast Twist ER.

No alerts have been found for pWZL Blast Twist ER.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Lin CC, et al. (2021) DDR2 upregulation confers ferroptosis susceptibility of recurrent breast tumors through the Hippo pathway. *Oncogene*, 40(11), 2018.

Adachi Y, et al. (2020) Epithelial-to-Mesenchymal Transition is a Cause of Both Intrinsic and Acquired Resistance to KRAS G12C Inhibitor in KRAS G12C-Mutant Non-Small Cell Lung Cancer. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 26(22), 5962.

Grisard E, et al. (2019) Sleeping beauty genetic screen identifies miR-23b::BTBD7 gene interaction as crucial for colorectal cancer metastasis. *EBioMedicine*, 46, 79.

Xu J, et al. (2018) Epithelial-mesenchymal transition induced PAI-1 is associated with prognosis of triple-negative breast cancer patients. *Gene*, 670, 7.

Kidan N, et al. (2017) Ectopic Expression of Snail and Twist in Ph+ Leukemia Cells Upregulates CD44 Expression and Alters Their Differentiation Potential. *Journal of Cancer*, 8(19), 3952.

Sankpal NV, et al. (2017) A double-negative feedback loop between EpCAM and ERK contributes to the regulation of epithelial-mesenchymal transition in cancer. *Oncogene*, 36(26), 3706.

Salt MB, et al. (2014) Epithelial-to-mesenchymal transition rewires the molecular path to PI3K-dependent proliferation. *Cancer discovery*, 4(2), 186.

Davidowitz RA, et al. (2014) Mesenchymal gene program-expressing ovarian cancer spheroids exhibit enhanced mesothelial clearance. *The Journal of clinical investigation*, 124(6), 2611.