

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

[pLKO-shBRCA1 #2](#)

RRID:Addgene_44595

Type: Plasmid

Proper Citation

RRID:Addgene_44595

Plasmid Information

URL: <http://www.addgene.org/44595>

Proper Citation: RRID:Addgene_44595

Insert Name: BRCA1

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23389450](#)

Vector Backbone Description: Backbone Marker:Robert Weinberg (Addgene plasmid #8453); Backbone Size:7032; Vector Backbone:pLKO.1 puro; Vector Types:Mammalian Expression, Lentiviral, RNAi; Bacterial Resistance:Ampicillin

Comments: Observed knockdown = 85%

Plasmid Name: pLKO-shBRCA1 #2

Record Creation Time: 20220422T222230+0000

Record Last Update: 20260815T081516+0000

Ratings and Alerts

No rating or validation information has been found for pLKO-shBRCA1 #2.

No alerts have been found for pLKO-shBRCA1 #2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Li J, et al. (2022) S100A9-CXCL12 activation in BRCA1-mutant breast cancer promotes an immunosuppressive microenvironment associated with resistance to immunotherapy. Nature communications, 13(1), 1481.

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.