

Resource Summary Report

Generated by [dkNET](#) on Aug 19, 2026

pBabe RFP1-KRT5 hygro

RRID:Addgene_58493

Type: Plasmid

Proper Citation

RRID:Addgene_58493

Plasmid Information

URL: <http://www.addgene.org/58493>

Proper Citation: RRID:Addgene_58493

Insert Name: KRT5

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:24658685](#)

Vector Backbone Description: Backbone Size:6265; Vector Backbone:pBabe N-terminal RFP hygro; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: pBabe RFP1_KRT5 hygro was constructed by PCR cloning from plasmid templates (Open Biosystems) into the retroviral vector pBabe N-terminal RFP hygro. The PCR product was gel purified, digested with BamHI and EcoRI, and then ligated into pBabe N-terminal RFP hygro, which had been digested with BamHI and EcoRI and then dephosphorylated.

Plasmid Name: pBabe RFP1-KRT5 hygro

Record Creation Time: 20220422T222339+0000

Record Last Update: 20260815T081716+0000

Ratings and Alerts

No rating or validation information has been found for pBabe RFP1-KRT5 hygro.

No alerts have been found for pBabe RFP1-KRT5 hygro.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Nanes BA, et al. (2024) Shifts in keratin isoform expression activate motility signals during wound healing. *Developmental cell*, 59(20), 2759.

Nanes BA, et al. (2023) Keratin isoform shifts modulate motility signals during wound healing. *bioRxiv : the preprint server for biology*.

McGinn O, et al. (2020) Cytokeratin 5 alters β -catenin dynamics in breast cancer cells. *Oncogene*, 39(12), 2478.