

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pCLXEBR-pTF-kRasV12

RRID:Addgene_114318

Type: Plasmid

Proper Citation

RRID:Addgene_114318

Plasmid Information

URL: <http://www.addgene.org/114318>

Proper Citation: RRID:Addgene_114318

Insert Name: Ras

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Vector Backbone Description: Vector Backbone:pCLXEBR65; Vector Types:Lentiviral; Bacterial Resistance:Ampicillin

Comments: Due to the role of the transgene in cell proliferation, lentivectors produced with human-tropic envelopes must be produced in BSL2+/BSL3 conditions. Subcloned from Addgene Plasmid #31200. pTF is an optimized TET-promoter, described in HGT 2011, Giry et al.

Plasmid Name: pCLXEBR-pTF-kRasV12

Relevant Mutation: G12V oncogenic mutation. Constitutively active K-ras protein.

Record Creation Time: 20220422T221559+0000

Record Last Update: 20260725T073537+0000

Ratings and Alerts

No rating or validation information has been found for pCLXEBR-pTF-kRasV12.

No alerts have been found for pCLXEBR-pTF-kRasV12.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Chui MH, et al. (2020) Oncogenic BRAF and KRAS mutations in endosalpingiosis. The Journal of pathology, 250(2), 148.