

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

LIR-wtloxP-TRE-CAG-Frt-red-puro-3xPA-Frt-GFP(mVenus)-KrasG12D-cMyc-SV40LT-IRES-KRABoff-PA-TRE-loxP257-RIR

RRID:Addgene_67277

Type: Plasmid

Proper Citation

RRID:Addgene_67277

Plasmid Information

URL: <http://www.addgene.org/67277>

Proper Citation: RRID:Addgene_67277

Insert Name: first cassette contain a red fluorescent protein (katushka) linked to puromycin resistance gene through an E2A site

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:28881081](#)

Vector Backbone Description: Backbone Size:3000; Vector Backbone:Amp; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: LIR-wtloxP-TRE-CAG-Frt-red-puro-3xPA-Frt-GFP(mVenus)-KrasG12D-cMyc-SV40LT-IRES-KRABoff-PA-TRE-loxP257-RIR

Record Creation Time: 20220422T222421+0000

Record Last Update: 20260815T081836+0000

Ratings and Alerts

No rating or validation information has been found for LIR-wtloxP-TRE-CAG-Frt-red-puro-3xPA-Frt-GFP(mVenus)-KrasG12D-cMyc-SV40LT-IRES-KRABoff-PA-TRE-loxP257-RIR.

No alerts have been found for LIR-wtloxP-TRE-CAG-Frt-red-puro-3xPA-Frt-GFP(mVenus)-KrasG12D-cMyc-SV40LT-IRES-KRABoff-PA-TRE-loxP257-RIR.

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 [RRID](#) .

Berthelsen MF, et al. (2021) The CRISPR/Cas9 Minipig-A Transgenic Minipig to Produce Specific Mutations in Designated Tissues. *Cancers*, 13(12).

Berthelsen MF, et al. (2017) Pancreas specific expression of oncogenes in a porcine model. *Transgenic research*, 26(5), 603.

Callesen MM, et al. (2017) A genetically inducible porcine model of intestinal cancer. *Molecular oncology*, 11(11), 1616.