

Resource Summary Report

Generated by [RRID](#) on Aug 30, 2026

pB6-Lrig1-T2A-sfGFP-iCre-ERT2-FNF-TK

RRID:Addgene_126651

Type: Plasmid

Proper Citation

RRID:Addgene_126651

Plasmid Information

URL: <http://www.addgene.org/126651>

Proper Citation: RRID:Addgene_126651

Insert Name: Lrig1

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:32183906](#)

Vector Backbone Description: Backbone Marker:Sen Wu, Capecchi laboratory; Vector Backbone:pWS-TK6; Vector Types:Mouse Targeting, Cre/Lox; Bacterial Resistance:Ampicillin

Comments: Linker between sfGFP and iCre-ERT2 is a mutated P2A sequence where 2 conserved amino acids are changed to Alanines. This mutated sequence does not skip. The sfGFP fluorescence from the sfGFP-iCre-ERT2 is dim, as described in Nam and Capecchi, 2020 (<https://doi.org/10.1186/s13064-020-00139-5>) and a Figshare page (<https://doi.org/10.6084/m9.figshare.13218437.v35>). Thus, the sfGFP fluorescence should be detectable only in cells in which the marker gene expression level is high. Homology arms subcloned from a clone of RPCI-24 C57BL/6J mouse genomic DNA library. Please make sure the plasmid DNA preparation is pure by gel electrophoresis before linearizing for an electroporation. Mice available from the MMRRC (https://www.mmrrc.org/catalog/sds.php?mmrrc_id=69516).

Plasmid Name: pB6-Lrig1-T2A-sfGFP-iCre-ERT2-FNF-TK

Relevant Mutation: C-terminal fusion of T2A-sfGFP-iCre-ERT2

Record Creation Time: 20220422T221704+0000

Record Last Update: 20260829T075414+0000

Ratings and Alerts

No rating or validation information has been found for pB6-Lrig1-T2A-sfGFP-iCre-ERT2-FNF-TK.

No alerts have been found for pB6-Lrig1-T2A-sfGFP-iCre-ERT2-FNF-TK.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.