

Resource Summary Report

Generated by [RRID](#) on Aug 28, 2026

pB6-Cdk6-T2A-TagRFPT-dre-PBD*-FNF-TK

RRID:Addgene_141452

Type: Plasmid

Proper Citation

RRID:Addgene_141452

Plasmid Information

URL: <http://www.addgene.org/141452>

Proper Citation: RRID:Addgene_141452

Insert Name: Cdk6

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:Sen Wu, Capecchi laboratory; Vector Backbone:pWS-TK6; Vector Types:Mammalian Expression, Mouse Targeting, dre / rox; Bacterial Resistance:Ampicillin

Comments: Linker between TagRFP-T and dre-PBD* is a mutated P2A sequence where 2 conserved amino acids are changed to Alanines. This mutated sequence does not skip. The TagRFP-T fluorescence from the TagRFP-T-dre-PBD* is dim, presumably for the same reason as 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 TagRFP-T fluorescence should be detectable only in cells in which the marker gene expression level is high. Homology arms subcloned by recombineering 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.

Plasmid Name: pB6-Cdk6-T2A-TagRFPT-dre-PBD*-FNF-TK

Record Creation Time: 20220422T221815+0000

Record Last Update: 20260815T080649+0000

Ratings and Alerts

No rating or validation information has been found for pB6-Cdk6-T2A-TagRFPT-dre-PBD*-FNF-TK.

No alerts have been found for pB6-Cdk6-T2A-TagRFPT-dre-PBD*-FNF-TK.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.