

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

pKF-D2irTNP2AG-T2APuroR-5kwh

RRID:Addgene_128255

Type: Plasmid

Proper Citation

RRID:Addgene_128255

Plasmid Information

URL: <http://www.addgene.org/128255>

Proper Citation: RRID:Addgene_128255

Insert Name: hTetR::P2A::EGFP::T2A::PuroR

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:31235692](#)

Vector Backbone Description: Backbone Marker:Custom; Backbone Size:7547; Vector Backbone:pDN-D2irTN2aG5kwh; Vector Types:Mammalian Expression, Synthetic Biology, Flp-In expression vector; Bacterial Resistance:Ampicillin

Comments: The plasmid encodes a synthetic gene circuit controlling the PuroR gene using negative feedback through a humanized tetracycline repressor (hTetR) self-repressing a CMV-derived promoter with 2 tetO2 sites (CMV-D2ir). The circuit is also called mNF-PuroR.

Plasmid Name: pKF-D2irTNP2AG-T2APuroR-5kwh

Record Creation Time: 20220422T221713+0000

Record Last Update: 20260808T080720+0000

Ratings and Alerts

No rating or validation information has been found for pKF-D2irTNP2AG-T2APuroR-5kwh.

No alerts have been found for pKF-D2irTNP2AG-T2APuroR-5kwh.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.