

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

Venus-tBid-pEGFP-C1

RRID:Addgene_166736

Type: Plasmid

Proper Citation

RRID:Addgene_166736

Plasmid Information

URL: <http://www.addgene.org/166736>

Proper Citation: RRID:Addgene_166736

Insert Name: tBid

Organism: Mus musculus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:30860026](#)

Vector Backbone Description: Vector Backbone:pEGFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Transfection of this plasmid will express "VtBid" (Venus fused to the N-terminus of the BH3-only protein, truncated Bid (tBid)) in live cells. In cells, caspase 8 cleavage of Bid produces the p15 fragment, referred to as tBid. There is a 3 amino acid flexible linker between Venus and tBid proteins. When compared with EYFP, Venus fluorophore contains the following mutations: F46L, F64L, M153T, V163A and S175G. This Venus protein contains an F224R mutation to make it monomeric.

Plasmid Name: Venus-tBid-pEGFP-C1

Record Creation Time: 20220422T221938+0000

Record Last Update: 20260815T080937+0000

Ratings and Alerts

No rating or validation information has been found for Venus-tBid-pEGFP-C1.

No alerts have been found for Venus-tBid-pEGFP-C1.

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](#) .

Osterlund EJ, et al. (2022) Efficacy and specificity of inhibitors of BCL-2 family protein interactions assessed by affinity measurements in live cells. Science advances, 8(16), eabm7375.