Resource Summary Report

Generated by PRECISE-TBI on Aug 13, 2026

pLENTI-CMV-GFP-TREX1 BLAST

RRID:Addgene_164228
Type: Plasmid

Proper Citation

RRID:Addgene_164228

Plasmid Information

URL: http://www.addgene.org/164228

Proper Citation: RRID:Addgene_164228

Insert Name: TREX1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:33476576

Vector Backbone Description: Backbone Size:8370; Vector Backbone:pLenti CMV GFP Blast; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: pLENTI-CMV-GFP-TREX1 BLAST

Record Creation Time: 20220422T221928+0000

Record Last Update: 20260808T081132+0000

Ratings and Alerts

No rating or validation information has been found for pLENTI-CMV-GFP-TREX1 BLAST.

No alerts have been found for pLENTI-CMV-GFP-TREX1 BLAST.

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 PRECISE-TBI .

Chen Y, et al. (2026) ER-tethering directs TREX1 penetration of a BAF-dependent barrier at micronuclei. Molecular cell, 86(6), 1099.

Shim A, et al. (2024) Mutations in the non-catalytic polyproline motif destabilize TREX1 and amplify cGAS-STING signaling. bioRxiv : the preprint server for biology.

Nader GPF, et al. (2021) Compromised nuclear envelope integrity drives TREX1-dependent DNA damage and tumor cell invasion. Cell, 184(20), 5230.