

Resource Summary Report

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

pTRIP-GFP-IRF3

RRID:Addgene_127663

Type: Plasmid

Proper Citation

RRID:Addgene_127663

Plasmid Information

URL: <http://www.addgene.org/127663>

Proper Citation: RRID:Addgene_127663

Insert Name: IRF3

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30811988](#)

Vector Backbone Description: Vector Backbone:pTRIP; Vector Types:Lentiviral;
Bacterial Resistance:Ampicillin

Plasmid Name: pTRIP-GFP-IRF3

Record Creation Time: 20220422T221710+0000

Record Last Update: 20260808T080715+0000

Ratings and Alerts

No rating or validation information has been found for pTRIP-GFP-IRF3.

No alerts have been found for pTRIP-GFP-IRF3.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Balka KR, et al. (2026) Noncanonical IRF3 function mediates STING-dependent pro-inflammatory cytokine production in macrophages. EMBO reports, 27(11), 2865.

Glassman CR, et al. (2026) Virome-wide ubiquitin ligase discovery reveals diverse mechanisms of immune evasion. Science (New York, N.Y.).

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

Lai DC, et al. (2024) African swine fever virus early protein pI73R suppresses the type-I IFN promoter activities. Virus research, 343, 199342.

Dou Y, et al. (2023) Optogenetic engineering of STING signaling allows remote immunomodulation to enhance cancer immunotherapy. Nature communications, 14(1), 5461.

Carlson RJ, et al. (2023) A genome-wide optical pooled screen reveals regulators of cellular antiviral responses. Proceedings of the National Academy of Sciences of the United States of America, 120(16), e2210623120.

Raja R, et al. (2022) The antiviral action of the RIG-I induced pathway of apoptosis (RIPA) is enhanced by its ability to degrade Otulin, which deubiquitinates IRF3. Cell death and differentiation, 29(3), 504.