

# Resource Summary Report

Generated by [RRID](#) on Sep 2, 2026

## pcDNA3.cytGAP

RRID:Addgene\_78734

Type: Plasmid

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### Proper Citation

RRID:Addgene\_78734

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### Plasmid Information

**URL:** <http://www.addgene.org/78734>

**Proper Citation:** RRID:Addgene\_78734

**Insert Name:** cytGAP

**Organism:** Synthetic

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:24501126](#)

**Vector Backbone Description:** Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

**Comments:** GAP is a fusion of two Aequorea victoria proteins, GFP and apo-aequorin, with a linker in between. The excitation spectrum of GAP maintained the two peaks of wtGFP, at 403 and 470 nm, and it was sensitive to Ca<sup>2+</sup>.

**Plasmid Name:** pcDNA3.cytGAP

**Record Creation Time:** 20220422T222518+0000

**Record Last Update:** 20260902T050231+0000

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### Ratings and Alerts

No rating or validation information has been found for pcDNA3.cytGAP.

No alerts have been found for pcDNA3.cytGAP.

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### Data and Source Information

Source: [Addgene](#)

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Zeng YR, et al. (2023) The immunometabolite itaconate stimulates OXGR1 to promote mucociliary clearance during the pulmonary innate immune response. The Journal of clinical investigation, 133(6).