

# Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

## pEM705 Gsi (Cys)

RRID:Addgene\_109373

Type: Plasmid

### Proper Citation

RRID:Addgene\_109373

### Plasmid Information

**URL:** <http://www.addgene.org/109373>

**Proper Citation:** RRID:Addgene\_109373

**Insert Name:** Gsi chimera

**Organism:** Homo sapiens

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:29338718](#)

**Vector Backbone Description:** Backbone Size:6002; Vector Backbone:pEM705; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

**Plasmid Name:** pEM705 Gsi (Cys)

**Relevant Mutation:** Cys at position 391 (Pertussis Toxin Sensitive)

**Record Creation Time:** 20220422T221531+0000

**Record Last Update:** 20260808T080417+0000

### Ratings and Alerts

No rating or validation information has been found for pEM705 Gsi (Cys).

No alerts have been found for pEM705 Gsi (Cys).

### Data and Source Information

**Source:** [Addgene](#)

## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Franchini L, et al. (2025) GzESTY as an optimized cell-based assay for initial steps in GPCR deorphanization. Nature communications, 16(1), 4521.

Franchini L, et al. (2024) Gz Enhanced Signal Transduction assaY (GZESTY) for GPCR deorphanization. bioRxiv : the preprint server for biology.