

Resource Summary Report

Generated by [RRID](#) on Aug 23, 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: 20260815T080128+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 [RRID](#) .

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.