

# Resource Summary Report

Generated by [NIF](#) on Sep 22, 2026

## px458\_2A\_GFP\_sgRNA\_TIA1

RRID:Addgene\_106097

Type: Plasmid

### Proper Citation

RRID:Addgene\_106097

### Plasmid Information

**URL:** <http://www.addgene.org/106097>

**Proper Citation:** RRID:Addgene\_106097

**Insert Name:** gRNA TIA1

**Organism:** Homo sapiens

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:29429924](#)

**Vector Backbone Description:** Vector Backbone:px458; Vector Types:CRISPR;  
Bacterial Resistance:Ampicillin

**Plasmid Name:** px458\_2A\_GFP\_sgRNA\_TIA1

**Record Creation Time:** 20220422T221515+0000

**Record Last Update:** 20260919T090435+0000

### Ratings and Alerts

No rating or validation information has been found for px458\_2A\_GFP\_sgRNA\_TIA1.

No alerts have been found for px458\_2A\_GFP\_sgRNA\_TIA1.

### 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 [NIF](#) .

Liang T, et al. (2022) HMCES modulates the transcriptional regulation of nodal/activin and BMP signaling in mESCs. Cell reports, 40(2), 111038.

Ding Y, et al. (2020) Generation of a human induced pluripotent stem cell line with Cas9 driven by Tet-on operator via AAVS1 safe harbor gene-editing. Stem cell research, 49, 102064.