

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 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: 20260808T080347+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 [SPARC SAWG](#) .

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.