

Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

pDONR223_STAT3_WT

RRID:Addgene_82235

Type: Plasmid

Proper Citation

RRID:Addgene_82235

Plasmid Information

URL: <http://www.addgene.org/82235>

Proper Citation: RRID:Addgene_82235

Insert Name: STAT3

Organism: Homo sapiens

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:27147599](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:2790; Vector Backbone:pDONR223; Vector Types:Gateway Cloning; Bacterial Resistance:Spectinomycin

Comments: Open state: NO stop codon immediately follows insert. Supporting reference: Systematic morphological profiling of human gene and allele function via Cell Painting. Rohban MH, et al. Elife. 2017, Mar 18;6. pii: e24060. PubMed PMID 28315521

Plasmid Name: pDONR223_STAT3_WT

Relevant Mutation: WT

Record Creation Time: 20220422T222534+0000

Record Last Update: 20260815T082054+0000

Ratings and Alerts

No rating or validation information has been found for pDONR223_STAT3_WT.

No alerts have been found for pDONR223_STAT3_WT.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Yoon J, et al. (2022) E2F and STAT3 provide transcriptional synergy for histone variant H2AZ activation to sustain glioblastoma chromatin accessibility and tumorigenicity. *Cell death and differentiation*, 29(7), 1379.

Remy J, et al. (2022) STAT3 Enhances Sensitivity of Glioblastoma to Drug-Induced Autophagy-Dependent Cell Death. *Cancers*, 14(2).

Chen KB, et al. (2021) miR-526b-3p inhibits lung cancer cisplatin-resistance and metastasis by inhibiting STAT3-promoted PD-L1. *Cell death & disease*, 12(8), 748.