

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 8, 2026

## pcDNA3-XI-VSP1 C301S

RRID:Addgene\_51882

Type: Plasmid

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### Proper Citation

RRID:Addgene\_51882

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### Plasmid Information

**URL:** <http://www.addgene.org/51882>

**Proper Citation:** RRID:Addgene\_51882

**Insert Name:** VSP1 C301S

**Organism:** Xenopus laevis

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:21618529](#)

**Vector Backbone Description:** Backbone Marker:Invitrogen; Vector Backbone:pcDNA3; Vector Types:Mammalian Expression, Xenopus oocyte expression; Bacterial Resistance:Ampicillin

**Plasmid Name:** pcDNA3-XI-VSP1 C301S

**Relevant Mutation:** C301S, catalytically-inactive mutant of XI-VSP1

**Record Creation Time:** 20220422T222305+0000

**Record Last Update:** 20260808T081808+0000

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### Ratings and Alerts

No rating or validation information has been found for pcDNA3-XI-VSP1 C301S.

No alerts have been found for pcDNA3-XI-VSP1 C301S.

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### Data and Source Information

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

## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [PRECISE-TBI](#) .

Ferreira F, et al. (2025) Stretch-induced endogenous electric fields drive directed collective cell migration in vivo. Nature materials, 24(3), 462.