

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 9, 2026

pcDNA3-XI-VSP1 R152Q GFP

RRID:Addgene_51884

Type: Plasmid

Proper Citation

RRID:Addgene_51884

Plasmid Information

URL: <http://www.addgene.org/51884>

Proper Citation: RRID:Addgene_51884

Insert Name: VSP1 R152Q

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 R152Q GFP

Relevant Mutation: R152Q: near the extracellular side of the fourth transmembrane domain, shifts XI-VSP1 phosphatase activation to more negative membrane potentials

Record Creation Time: 20220422T222305+0000

Record Last Update: 20260808T081808+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3-XI-VSP1 R152Q GFP.

No alerts have been found for pcDNA3-XI-VSP1 R152Q GFP.

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.