Resource Summary Report

Generated by NIF on Jul 29, 2026

pEGFPC1/GgVcl 1-851 A50I mutant

RRID:Addgene_46269
Type: Plasmid

Proper Citation

RRID:Addgene_46269

Plasmid Information

URL: http://www.addgene.org/46269

Proper Citation: RRID:Addgene_46269

Insert Name: Vcl 1-851 A50I mutation

Organism: Gallus gallus

Bacterial Resistance: Kanamycin

Defining Citation: PMID:16608855

Vector Backbone Description: Backbone Marker:Clonetech; Backbone Size:4700; Vector Backbone:pEGFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: A50I mutation introduced into EGFP/V1-851 (Addgene plasmid 46268) by QCPCR mutation.

Plasmid Name: pEGFPC1/GgVcl 1-851 A50I mutant

Relevant Mutation: 1-851 (Vh) head domain, A50I mutation

Record Creation Time: 20220422T222238+0000

Record Last Update: 20260725T074732+0000

Ratings and Alerts

No rating or validation information has been found for pEGFPC1/GgVcl 1-851 A50I mutant.

No alerts have been found for pEGFPC1/GgVcl 1-851 A50I mutant.

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 .

Rothenberg KE, et al. (2018) Vinculin Force-Sensitive Dynamics at Focal Adhesions Enable Effective Directed Cell Migration. Biophysical journal, 114(7), 1680.

LaCroix AS, et al. (2018) Tunable molecular tension sensors reveal extension-based control of vinculin loading. eLife, 7.