

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

pEGFPC1/GgVcl 1-851 (Vh)

RRID:Addgene_46268

Type: Plasmid

Proper Citation

RRID:Addgene_46268

Plasmid Information

URL: <http://www.addgene.org/46268>

Proper Citation: RRID:Addgene_46268

Insert Name: Vcl 1-851

Organism: Gallus gallus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:16608855](#)

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

Comments: Nde-Xho fragment from pET15b/Vh1-851 (Addgene plasmid 46172) was subcloned into EGFP/V1-1066 (Addgene plasmid 46265) vector modified to contain unique Nde, Xho sites. Modifications were made by QuikChange PCR to facilitate cloning of cDNAs previously in the pET15b vector. The NdeI site present in the cytomegalovirus promoter region was removed (mutating adenine 234 to thymine), and a new NdeI site was introduced into the multiple cloning site immediately before the vinculin start codon. Additionally, the 5-XhoI site was removed (mutating cytosine 1345 to adenine), and a 3-XhoI site was introduced 3' to the vinculin cDNA in lieu of a PstI site.

Plasmid Name: pEGFPC1/GgVcl 1-851 (Vh)

Relevant Mutation: 1-851 (Vh) head domain

Record Creation Time: 20220422T222238+0000

Record Last Update: 20260815T081530+0000

Ratings and Alerts

No rating or validation information has been found for pEGFPC1/GgVcl 1-851 (Vh).

No alerts have been found for pEGFPC1/GgVcl 1-851 (Vh).

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 [RRID](#) .

Bertocchi C, et al. (2017) Nanoscale architecture of cadherin-based cell-cell adhesions. Nature cell biology, 19(1), 28.