

# Resource Summary Report

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

## Vinculin-venus

RRID:Addgene\_27300

Type: Plasmid

### Proper Citation

RRID:Addgene\_27300

### Plasmid Information

**URL:** <http://www.addgene.org/27300>

**Proper Citation:** RRID:Addgene\_27300

**Insert Name:** Vinculin

**Organism:** Gallus gallus

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:20613844](#)

**Vector Backbone Description:** Backbone Size:5428; Vector Backbone:pcDNA3.1(+); Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

**Plasmid Name:** Vinculin-venus

**Record Creation Time:** 20220422T222122+0000

**Record Last Update:** 20260815T081302+0000

### Ratings and Alerts

No rating or validation information has been found for Vinculin-venus.

No alerts have been found for Vinculin-venus.

### Data and Source Information

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

### Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Bougaran P, et al. (2026) Nuclear SUN2 coordinates endothelial cell-matrix interactions to regulate blood vessel homeostasis and barrier function. bioRxiv : the preprint server for biology.

Chirasani VR, et al. (2023) Elucidation of the Molecular Basis and Cellular Functions of Vinculin-Actin Directional Catch Bonding. Research square.

Tao A, et al. (2023) Identifying constitutive and context-specific molecular-tension-sensitive protein recruitment within focal adhesions. Developmental cell, 58(6), 522.

Chirasani VR, et al. (2023) Molecular basis and cellular functions of vinculin-actin directional catch bonding. Nature communications, 14(1), 8300.

Marozas IA, et al. (2019) Adaptable boronate ester hydrogels with tunable viscoelastic spectra to probe timescale dependent mechanotransduction. Biomaterials, 223, 119430.

Ye AA, et al. (2016) Chromosome biorientation produces hundreds of piconewtons at a metazoan kinetochore. Nature communications, 7, 13221.

Vishavkarma R, et al. (2014) Role of actin filaments in correlating nuclear shape and cell spreading. PloS one, 9(9), e107895.

Burdyga A, et al. (2013) cAMP inhibits migration, ruffling and paxillin accumulation in focal adhesions of pancreatic ductal adenocarcinoma cells: effects of PKA and EPAC. Biochimica et biophysica acta, 1833(12), 2664.