

# Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

## mEmerald-Beta-Catenin-20

RRID:Addgene\_54017

Type: Plasmid

### Proper Citation

RRID:Addgene\_54017

### Plasmid Information

**URL:** <http://www.addgene.org/54017>

**Proper Citation:** RRID:Addgene\_54017

**Insert Name:** Beta-Catenin

**Organism:** Mus musculus

**Bacterial Resistance:** Kanamycin

**Vector Backbone Description:** Backbone Size:4750; Vector Backbone:mEmerald;  
Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

**Comments:** . Excitation = 487; Emission = 509. Localization data: Tight Junctions

**Plasmid Name:** mEmerald-Beta-Catenin-20

**Record Creation Time:** 20220422T222316+0000

**Record Last Update:** 20260725T074835+0000

### Ratings and Alerts

No rating or validation information has been found for mEmerald-Beta-Catenin-20.

No alerts have been found for mEmerald-Beta-Catenin-20.

### Data and Source Information

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

### Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Hassani Nia F, et al. (2020) Truncating mutations in SHANK3 associated with global developmental delay interfere with nuclear  $\beta$ -catenin signaling. Journal of neurochemistry, 155(3), 250.

Li Y, et al. (2019) The N-cadherin interactome in primary cardiomyocytes as defined using quantitative proximity proteomics. Journal of cell science, 132(3).

Dong Y, et al. (2016) Vertebrate Claudin/PMP22/EMP22/MP20 family protein TMEM47 regulates epithelial cell junction maturation and morphogenesis. Developmental dynamics : an official publication of the American Association of Anatomists, 245(6), 653.