

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pRepair-mTq2-CTNNB1

RRID:Addgene_153433

Type: Plasmid

Proper Citation

RRID:Addgene_153433

Plasmid Information

URL: <http://www.addgene.org/153433>

Proper Citation: RRID:Addgene_153433

Insert Name: CTNNB1 homology arms and mTurquoise2 coding sequence

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:34190040](#)

Vector Backbone Description: Backbone Marker:stratagene; Backbone Size:2965; Vector Backbone:pBluescript KS (+); Vector Types:CRISPR, HDR donor template; Bacterial Resistance:Ampicillin

Comments: mTq2 was cloned from pmTurquoise2-C1 (Dorus Gadella, Plasmid #60560) Homology arms were cloned from genomic HEK293 DNA. Please visit <https://www.biorxiv.org/content/10.1101/2020.05.28.120543v1> for bioRxiv preprint.

Plasmid Name: pRepair-mTq2-CTNNB1

Record Creation Time: 20220422T221840+0000

Record Last Update: 20260725T074027+0000

Ratings and Alerts

No rating or validation information has been found for pRepair-mTq2-CTNNB1.

No alerts have been found for pRepair-mTq2-CTNNB1.

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 [NIF](#) .

de Man SM, et al. (2021) Quantitative live-cell imaging and computational modeling shed new light on endogenous WNT/CTNNB1 signaling dynamics. eLife, 10.