

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

Desmoplakin II acceptor only control (F40-based tension sensor)

RRID:Addgene_118719

Type: Plasmid

Proper Citation

RRID:Addgene_118719

Plasmid Information

URL: <http://www.addgene.org/118719>

Proper Citation: RRID:Addgene_118719

Insert Name: human Desmoplakin II-[YPet(short)(Y67G)-F40-mCherry] (internal-1353)

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30538252](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:6265; Vector Backbone:pLPCX; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Plasmid Name: Desmoplakin II acceptor only control (F40-based tension sensor)

Relevant Mutation: inserted F40-based tension sensor module after aa1353: Y67G in YPet(short) mutation to disrupt chromophore formation

Record Creation Time: 20220422T221621+0000

Record Last Update: 20260808T080548+0000

Ratings and Alerts

No rating or validation information has been found for Desmoplakin II acceptor only control (F40-based tension sensor).

No alerts have been found for Desmoplakin II acceptor only control (F40-based tension sensor).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.