

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 15, 2026

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

RRID:Addgene_118717

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/118717>

Proper Citation: RRID:Addgene_118717

Insert Name: human Desmoplakin II-[YPet(short)-F40-mCherry(Y72L)] (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 donor only control (F40-based tension sensor)

Relevant Mutation: inserted F40-based tension sensor module after aa1353: Y72L in mCherry mutation to disrupt chromophore formation

Record Creation Time: 20220422T221621+0000

Record Last Update: 20260815T080307+0000

Ratings and Alerts

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

No alerts have been found for Desmoplakin II donor 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.