

Resource Summary Report

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

Desmoplakin I affinity mutant (F40-based tension sensor)

RRID:Addgene_119190

Type: Plasmid

Proper Citation

RRID:Addgene_119190

Plasmid Information

URL: <http://www.addgene.org/119190>

Proper Citation: RRID:Addgene_119190

Insert Name: human Desmoplakin I(S2849G)-[mTFP1-F40-mEYFP] (internal-1945)

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30538252](#)

Vector Backbone Description: Backbone Marker:Eric Kowarz; Backbone Size:5569; Vector Backbone:pSBtet-Pur; Vector Types:Mammalian Expression, Transposon; Bacterial Resistance:Ampicillin

Plasmid Name: Desmoplakin I affinity mutant (F40-based tension sensor)

Relevant Mutation: inserted F40-based tension sensor module after aa1945; S2849G in DPI which exhibits increased keratin association

Record Creation Time: 20220422T221624+0000

Record Last Update: 20260725T073622+0000

Ratings and Alerts

No rating or validation information has been found for Desmoplakin I affinity mutant (F40-based tension sensor).

No alerts have been found for Desmoplakin I affinity mutant (F40-based tension sensor).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.