

# Resource Summary Report

Generated by [RRID](#) on Aug 30, 2026

## Desmoplakin I affinity mutant (F40-based tension sensor)

RRID:Addgene\_119190

Type: Plasmid

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### Proper Citation

RRID:Addgene\_119190

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### 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:** 20260829T075302+0000

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### 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).

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## Data and Source Information

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

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.