

Resource Summary Report

Generated by [RRID](#) on Aug 24, 2026

Talin-TS

RRID:Addgene_83376

Type: Plasmid

Proper Citation

RRID:Addgene_83376

Plasmid Information

URL: <http://www.addgene.org/83376>

Proper Citation: RRID:Addgene_83376

Insert Name: Talin1

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:27161398](#)

Vector Backbone Description: Vector Backbone:pLPCX; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Comments: XhoI RE site in the vector backbone is disrupted. F40 refers to the 40-aa peptide (GPGGA)₈ derived from the elastic spider silk protein flagelliform

Plasmid Name: Talin-TS

Relevant Mutation: Tension sensor module is inserted between V447 and A448

Record Creation Time: 20220422T222539+0000

Record Last Update: 20260815T082104+0000

Ratings and Alerts

No rating or validation information has been found for Talin-TS.

No alerts have been found for Talin-TS.

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 [RRID](#) .

Park J, et al. (2025) A new biological enhancement therapy for anterior cruciate ligament reconstruction: the preclinical proof of anterior cruciate ligament reconstruction with tendon graft reseeded with autologous anterior cruciate ligament-derived cells. Stem cell research & therapy, 16(1), 638.