

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

aCat TL2 (1-697 mTFP1-TSmod-Venus STOP)

RRID:Addgene_101298

Type: Plasmid

Proper Citation

RRID:Addgene_101298

Plasmid Information

URL: <http://www.addgene.org/101298>

Proper Citation: RRID:Addgene_101298

Insert Name: alpha-Catenin

Organism: Mus musculus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:28329679](#)

Vector Backbone Description: Vector Backbone:pEGFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: The TS module with mTFP1-F40-venusA206K was adapted from Vinculin TS (a kind gift from Martin Schwartz [Grashoff et al., 2010]). The TSmod was cloned in to pEGFP-N1 vector at Xho1 and Not1 restriction sites. For aE-Cat-TS, the mouse N-terminal (1_697 aa) of alpha-catenin was inserted before mTFP1 by in- fusion cloning (Takara Bioscience, Clontech) at the Xho1 restriction site

Plasmid Name: aCat TL2 (1-697 mTFP1-TSmod-Venus STOP)

Relevant Mutation: Contains amino acids 1-698 of alpha-Catenin

Record Creation Time: 20220422T221453+0000

Record Last Update: 20260725T073343+0000

Ratings and Alerts

No rating or validation information has been found for aCat TL2 (1-697 mTFP1-TSmod-Venus STOP).

No alerts have been found for aCat TL2 (1-697 mTFP1-TSmod-Venus STOP).

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 [NIF](#) .

Burr ML, et al. (2019) An Evolutionarily Conserved Function of Polycomb Silences the MHC Class I Antigen Presentation Pathway and Enables Immune Evasion in Cancer. Cancer cell, 36(4), 385.