

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 9, 2026

pcDNA3-mCherry-TSC2(AA,3Q)-NLS

RRID:Addgene_192445

Type: Plasmid

Proper Citation

RRID:Addgene_192445

Plasmid Information

URL: <http://www.addgene.org/192445>

Proper Citation: RRID:Addgene_192445

Insert Name: mCherry-TSC2(S939A,T1439A,K1614Q,K1615Q,R1616Q)-NLS

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:35294906](#)

Vector Backbone Description: Backbone Size:5472; Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pcDNA3-mCherry-TSC2(AA,3Q)-NLS

Relevant Mutation: TSC2 Ser 939 and Thr 1439 (equivalent to 1462 in isoform 1) mutated to Ala; Lys 1614, Lys 1615, and Arg 1616 mutated to Gln.

Record Creation Time: 20221209T080416+0000

Record Last Update: 20260808T082556+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3-mCherry-TSC2(AA,3Q)-NLS.

No alerts have been found for pcDNA3-mCherry-TSC2(AA,3Q)-NLS.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.