

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

pETmsGFPSyt1(80 JuxtaK-142)

RRID:Addgene_209013

Type: Plasmid

Proper Citation

RRID:Addgene_209013

Plasmid Information

URL: <http://www.addgene.org/209013>

Proper Citation: RRID:Addgene_209013

Insert Name: syt1

Organism: Rattus norvegicus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:38177243](#)

Vector Backbone Description: Vector Backbone:pET-28 a (+); Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Comments: Juxta K mutant neutralizing the juxtamembrane lysine residues. Please visit <https://doi.org/10.1101/2023.08.11.551903> for bioRxiv preprint.

Plasmid Name: pETmsGFPSyt1(80 JuxtaK-142)

Relevant Mutation: aa 80-142 only, Juxta K mutant (80KKCLFKKKKNKKKGKEK95->NQCLFQSTNNTQGSEN)

Record Creation Time: 20231115T080652+0000

Record Last Update: 20260815T082812+0000

Ratings and Alerts

No rating or validation information has been found for pETmsGFPSyt1(80 JuxtaK-142).

No alerts have been found for pETmsGFPSyt1(80 JuxtaK-142).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.