

Resource Summary Report

Generated by [dkNET](#) on Aug 6, 2026

pJFRC7-UAS-NPRR_ANP

RRID:Addgene_133243

Type: Plasmid

Proper Citation

RRID:Addgene_133243

Plasmid Information

URL: <http://www.addgene.org/133243>

Proper Citation: RRID:Addgene_133243

Insert Name: rat atrial natriuretic peptide-fused codon-optimized GCaMP6s

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:31241464](#)

Vector Backbone Description: Backbone Size:8100; Vector Backbone:pJFRC7; Vector Types:Insect Expression; Bacterial Resistance:Ampicillin

Comments: Addgene QC NGS analysis identified a sequence discrepancy at nucleotide 7954, resulting in an A201S mutation in the plasmid insert. The depositing lab has indicated that this should not affect plasmid function.

Plasmid Name: pJFRC7-UAS-NPRR_ANP

Record Creation Time: 20220422T221737+0000

Record Last Update: 20260801T080332+0000

Ratings and Alerts

No rating or validation information has been found for pJFRC7-UAS-NPRR_ANP.

No alerts have been found for pJFRC7-UAS-NPRR_ANP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.