

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

[iCytSnFR](#)

RRID:Addgene_177738

Type: Plasmid

Proper Citation

RRID:Addgene_177738

Plasmid Information

URL: <http://www.addgene.org/177738>

Proper Citation: RRID:Addgene_177738

Insert Name: iCytSnFR

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:34982029](#)

Vector Backbone Description: Backbone Marker:Caltech; Backbone Size:2761; Vector Backbone:pHHM.X51; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: Read the preprint at bioRxiv:
<https://www.biorxiv.org/content/10.1101/2021.10.04.463082v3>.

Plasmid Name: iCytSnFR

Record Creation Time: 20220422T222025+0000

Record Last Update: 20260725T074333+0000

Ratings and Alerts

No rating or validation information has been found for iCytSnFR.

No alerts have been found for iCytSnFR.

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](#) .

Nichols AL, et al. (2022) Fluorescence activation mechanism and imaging of drug permeation with new sensors for smoking-cessation ligands. eLife, 11.