Resource Summary Report

Generated by RRID on Sep 2, 2026

Salsa6f

RRID:Addgene_140188
Type: Plasmid

Proper Citation

RRID:Addgene_140188

Plasmid Information

URL: http://www.addgene.org/140188

Proper Citation: RRID:Addgene_140188

Insert Name: Salsa6f

Organism: Synthetic

Bacterial Resistance: Kanamycin

Defining Citation: PMID:29239725

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:3923; Vector Backbone:pEGFP-N1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: The fusion protein in this plasmid is the fluorescent genetically encoded calcium indicator Salsa6f, which is a fusion of the dimeric red fluorescent protein tdTomato, the epitope tag V5, and the green fluorescent genetically encoded calcium indicator GCaMP6f, in order from N- to C-termini. The presence of tdTomato enables visualization of transfected cells in the absence of Ca2+ signaling and concentration-independent, ratiometric readout of Ca2+ signals. Salsa6f has been introduced into transgenic mice, where its expression is under Cre recombinase control (see PMID: 29239725).

Plasmid Name: Salsa6f

Record Creation Time: 20220422T221810+0000

Record Last Update: 20260902T042006+0000

Ratings and Alerts

No rating or validation information has been found for Salsa6f.

No alerts have been found for Salsa6f.

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 RRID .

Jairaman A, et al. (2022) TREM2 regulates purinergic receptor-mediated calcium signaling and motility in human iPSC-derived microglia. eLife, 11.