Resource Summary Report

Generated by NIF on Aug 31, 2026

Double UP mNeon to mScarlet Rac1-V12

RRID:Addgene_125136
Type: Plasmid

Proper Citation

RRID:Addgene_125136

Plasmid Information

URL: http://www.addgene.org/125136

Proper Citation: RRID:Addgene_125136

Insert Name: mNeon/mScarletP2A Rac1-V12

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: PMID:32508591

Vector Backbone Description: Backbone Size:6734; Vector Backbone:pCax; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Intent is to introduce low doses of pCAG Cre to recombine a subset of cells, such that mNeon can act as an internal control to mScarlet for use in in utero electroporation or other related techniques. Rac1-V12 is expressed following a P2A site, so that Cre+ cells will be both mScarlet positive and also contain an untagged Rac1-V12. Note: Addgene NGS is unable to fully resolve the CAG promoter sequence. Please refer to the depositor's sequence for this section of the plasmid.

Plasmid Name: Double UP mNeon to mScarlet Rac1-V12

Relevant Mutation: Removed Not1 site in mScarlet. 12th AA in Rac1 changed to V

Record Creation Time: 20220422T221656+0000

Record Last Update: 20260829T075400+0000

Ratings and Alerts

No rating or validation information has been found for Double UP mNeon to mScarlet Rac1-V12.

No alerts have been found for Double UP mNeon to mScarlet Rac1-V12.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We have not found any literature mentions for this resource.