Resource Summary Report

Generated by RRID on Aug 28, 2026

pGBT9-NF1-GRD

RRID:Addgene_19993
Type: Plasmid

Proper Citation

RRID:Addgene_19993

Plasmid Information

URL: http://www.addgene.org/19993

Proper Citation: RRID:Addgene_19993

Insert Name: Neurofibromatosis type I

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:8628317

Vector Backbone Description: Backbone Marker:clonetech; Backbone Size:5524; Vector Backbone:pGBT9; Vector Types:Yeast Expression; Bacterial Resistance:Ampicillin

Comments: The authors note that there is a mutation in the coding sequence: C3918T "This created a T to I change within the GAP domain of NF1. However, this change is outside of the conserved blocks within the GAP domain. This particular residue (1195 of NF1-GRD shown in figure 4 in the chapter by M.R. Kim and F. Tamanoi, chapter 6 in Neurofibromatosis type I from genotype to phenotype, editor by M. Upadhyaya and D. N. Cooper BIOS scientific publisher) is not conserved among different GAP proteins. Therefore, we believe that the amino acid change does not affect the GAP activity. In fact, we have used this construct for the wild-type GAP activity."

Plasmid Name: pGBT9-NF1-GRD

Record Creation Time: 20220422T222049+0000

Record Last Update: 20260815T081150+0000

Ratings and Alerts

No rating or validation information has been found for pGBT9-NF1-GRD.

No alerts have been found for pGBT9-NF1-GRD.

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 .

Li Z, et al. (2017) The OncoPPi network of cancer-focused protein-protein interactions to inform biological insights and therapeutic strategies. Nature communications, 8, 14356.