

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

FRB-GFP-Gab1(Y628F/Y660F)

RRID:Addgene_188658

Type: Plasmid

Proper Citation

RRID:Addgene_188658

Plasmid Information

URL: <http://www.addgene.org/188658>

Proper Citation: RRID:Addgene_188658

Insert Name: GRB associated binding protein 1

Organism: Mus musculus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:35829702](#)

Vector Backbone Description: Backbone Size:4000; Vector Backbone:pEGFP-C1;
Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: FRB-GFP-Gab1(Y628F/Y660F)

Relevant Mutation: Y628F and Y660F

Record Creation Time: 20220821T080231+0000

Record Last Update: 20260815T082336+0000

Ratings and Alerts

No rating or validation information has been found for FRB-GFP-Gab1(Y628F/Y660F).

No alerts have been found for FRB-GFP-Gab1(Y628F/Y660F).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Jiang Z, et al. (2025) Deep mutational scanning of the multi-domain phosphatase SHP2 reveals mechanisms of regulation and pathogenicity. Nature communications, 16(1), 5464.

van Vlimmeren AE, et al. (2023) The pathogenic T42A mutation in SHP2 rewires the interaction specificity of its N-terminal regulatory domain. bioRxiv : the preprint server for biology.