

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

Pf113-bio

RRID:Addgene_47729

Type: Plasmid

Proper Citation

RRID:Addgene_47729

Plasmid Information

URL: <http://www.addgene.org/47729>

Proper Citation: RRID:Addgene_47729

Insert Name: Codon-optimised Pf113

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:24043421](#)

Vector Backbone Description: Backbone Marker:Yves Durocher, NRC; Backbone Size:6633; Vector Backbone:pTT3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: Pf113-bio

Relevant Mutation: Exogenous signal peptide of mouse origin, changed Serine209, Serine270, Threonine319, Serine362, Serine663, Threonine699, Serine781, Threonine878 and Threonine940 to Alanine residues

Record Creation Time: 20220422T222245+0000

Record Last Update: 20260815T081544+0000

Ratings and Alerts

No rating or validation information has been found for Pf113-bio.

No alerts have been found for Pf113-bio.

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](#) .

Gonzales SJ, et al. (2022) A Molecular Analysis of Memory B Cell and Antibody Responses Against Plasmodium falciparum Merozoite Surface Protein 1 in Children and Adults From Uganda. Frontiers in immunology, 13, 809264.

Campeotto I, et al. (2020) The Structure of the Cysteine-Rich Domain of Plasmodium falciparum P113 Identifies the Location of the RH5 Binding Site. mBio, 11(5).