

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

NFATc4-CRISPR-gRNA#exon5-(pSpCas9(BB)-2A-Puro (PX459) V2.0)

RRID:Addgene_124290

Type: Plasmid

Proper Citation

RRID:Addgene_124290

Plasmid Information

URL: <http://www.addgene.org/124290>

Proper Citation: RRID:Addgene_124290

Insert Name: NFATc4 nuclear factor of activated T cells

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:Feng Zhang (Addgene plasmid # 62988); Backbone Size:9200; Vector Backbone:pSpCas9(BB)-2A-Puro (PX459) V2.0; Vector Types:CRISPR; Bacterial Resistance:Ampicillin

Comments: Plus "G" was routinely added because U6 promoter prefers "G" as the first transcribed nucleotide. gRNA sequence contains at least 3 mismatches, and was selected by choosing the highest scored sequence from different programs and databases.

Plasmid Name: NFATc4-CRISPR-gRNA#exon5-(pSpCas9(BB)-2A-Puro (PX459) V2.0)

Record Creation Time: 20220422T221652+0000

Record Last Update: 20260912T091722+0000

Ratings and Alerts

No rating or validation information has been found for NFATc4-CRISPR-gRNA#exon5-(pSpCas9(BB)-2A-Puro (PX459) V2.0).

No alerts have been found for NFATc4-CRISPR-gRNA#exon5-(pSpCas9(BB)-2A-Puro (PX459) V2.0).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.