

Resource Summary Report

Generated by [RRID](#) on Aug 22, 2026

pBAD.Sigma32.I54N

RRID:Addgene_59982

Type: Plasmid

Proper Citation

RRID:Addgene_59982

Plasmid Information

URL: <http://www.addgene.org/59982>

Proper Citation: RRID:Addgene_59982

Insert Name: Sigma32 I54N

Organism: E. coli

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25051296](#)

Vector Backbone Description: Backbone Size:4000; Vector Backbone:pBAD; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pBAD.Sigma32.I54N

Relevant Mutation: I54N

Record Creation Time: 20220422T222345+0000

Record Last Update: 20260815T081727+0000

Ratings and Alerts

No rating or validation information has been found for pBAD.Sigma32.I54N.

No alerts have been found for pBAD.Sigma32.I54N.

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](#) .

Kesten C, et al. (2019) The companion of cellulose synthase 1 confers salt tolerance through a Tau-like mechanism in plants. Nature communications, 10(1), 857.