

Resource Summary Report

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

SB39

RRID:Addgene_235121

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/235121>

Proper Citation: RRID:Addgene_235121

Organism: Other

Bacterial Resistance: None

Defining Citation: [PMID:42199375](#)

Vector Backbone Description: Vector Backbone:n/a; Vector Types:This is a strain, not a plasmid; Bacterial Resistance:None

Comments: Genotype: E. coli B F- ompT gal dcm lon hsdSB(rB-mB-) ?(DE3 [lacI lacUV5-T7p07 ind1 sam7 nin5]) [malB+]K-12(?S) ?endA ?recA glvC ::[phlFAM, cymRAM, luxR, vanRAM, lacIAM, tetR] Fast growth at 37C in LB (doubling time ~ 20-25 minutes) and improved DNA (endA, recA) and protein stability (lon, ompT). Strain validation: - PCR using OR1965 (TGGCGTAAAGGTGCTTCC) and OR1960 (ATAACCAATCAGGCTTCCTACTTACAGAATTG) generates a product of 5 518 bp. - PCR using OR1965 (TGGCGTAAAGGTGCTTCC) and OR1160(GCTTGTCGACGACGGC) generates a product of 140 bp. - PCR using OR1157 (TACCCCAGTTGGGGCAC) and OR1960 (ATAACCAATCAGGCTTCCTACTTACAGAATTG) generates a product of 110 bp. Please visit <https://doi.org/10.1101/2025.10.29.680610> for bioRxiv preprint.

Plasmid Name: SB39

Record Creation Time: 20251029T053737+0000

Record Last Update: 20260815T083417+0000

Ratings and Alerts

No rating or validation information has been found for SB39.

No alerts have been found for SB39.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.