

Resource Summary Report

Generated by [dkNET](#) on Jul 31, 2026

S17-1?pir gyrAR462C

RRID:Addgene_237425

Type: Plasmid

Proper Citation

RRID:Addgene_237425

Plasmid Information

URL: <http://www.addgene.org/237425>

Proper Citation: RRID:Addgene_237425

Insert Name: none

Organism: n/a

Bacterial Resistance: None

Defining Citation: [PMID:40595632](#)

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

Comments: Genotype: TpR SmR recA, thi, pro, hsdR-M+RP4: 2-Tc:Mu: Km Tn7 ?pir, gyrAR462C To verify the gyrA gene using the following primers: gyrA462-F: cccgtcgtactattttcgaac gyrA462-R: cagcagtcggtcgataaagtc The expected PCR product size is approximately 600 bp. If the strain carries the two characteristic mutations (one silent mutation and one Arg?Cys substitution), it is the correct strain. Please see the GenBank file in the Supplementary Documents section above for reference. Note that the strain is only resistant to low levels of Trimethoprim and Streptomycin. Please see the .PDF in the Supplementary Documents section above. Addgene Note: This strain was prepared directly from the depositor's sample without further sequence verification. We recommend verifying the strain as described above. Please contact help@addgene.org if any issues arise.

Plasmid Name: S17-1?pir gyrAR462C

Record Creation Time: 20250820T052422+0000

Record Last Update: 20260725T080423+0000

Ratings and Alerts

No rating or validation information has been found for S17-1?pir gyrAR462C.

No alerts have been found for S17-1?pir gyrAR462C.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.