

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

pRL1058

RRID:Addgene_70686

Type: Plasmid

Proper Citation

RRID:Addgene_70686

Plasmid Information

URL: <http://www.addgene.org/70686>

Proper Citation: RRID:Addgene_70686

Insert Name: Transposon Tn5-1058

Bacterial Resistance: Kanamycin and Streptomycin

Defining Citation: [PMID:11607193](#)

Vector Backbone Description: Vector Backbone:Transposon Tn5, variously modified; Vector Types:; Bacterial Resistance:Kanamycin and Streptomycin

Comments: Tn5 derivative Tn5-1058 (in plasmid pRL1058) contains a p15A oriV, and its antibiotic-resistance determinants are driven by an *Amaranthus hybridus* ribulose biphosphate carboxylase promoter (see pRL439 is this series of plasmids), providing large numbers of transposon mutants. The XbaI site near the L end of Tn5 is the sole unmethylated XbaI in the construct, allowing the placement of luciferases (e.g., *Vibrio fischeri* luxAB as in pRL1063a). An oriT for conjugal transfer is positioned between the L and R ends of the Tn.

Plasmid Name: pRL1058

Record Creation Time: 20220422T222436+0000

Record Last Update: 20260808T082051+0000

Ratings and Alerts

No rating or validation information has been found for pRL1058.

No alerts have been found for pRL1058.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.