

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

[L4440gtwy](#)

RRID:Addgene_11344

Type: Plasmid

Proper Citation

RRID:Addgene_11344

Plasmid Information

URL: <http://www.addgene.org/11344>

Proper Citation: RRID:Addgene_11344

Insert Name: gateway cassette

Bacterial Resistance: Chloramphenicol and Ampicillin

Vector Backbone Description: Backbone Marker:L4440 is available at Addgene; Backbone Size:2790; Vector Backbone:L4440; Vector Types:Worm Expression, RNAi; Bacterial Resistance:Chloramphenicol and Ampicillin

Comments: Gateway-modified RNAi feeding vector L4440. Use this vector for Gateway cloning of an RNAi target sequence. A Gateway recombinational cassette was placed into the EcoRV site of vector L4440 to generate this modified plasmid. To facilitate subcloning of a given DNA insert into this plasmid, Gateway recombinational attachment sites should be incorporated into primers used for amplification, as outlined in the Invitrogen Gateway manual. (Gateway is a registered trademark of Invitrogen Corporation.) This plasmid is intended for use exclusively as a teaching resource as part of the Integrated Genomics Discovery-Based Laboratory Course. Addgene does not make any guarantee that the plasmid is suitable for research purposes.

Plasmid Name: L4440gtwy

Record Creation Time: 20220422T221554+0000

Record Last Update: 20260725T073528+0000

Ratings and Alerts

No rating or validation information has been found for L4440gtwy.

No alerts have been found for L4440gtwy.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Delgado-Martín J, et al. (2022) Carbon Dots Boost dsRNA Delivery in Plants and Increase Local and Systemic siRNA Production. International journal of molecular sciences, 23(10).

Delgado-Martín J, et al. (2022) Exogenous Application of dsRNA for the Control of Viruses in Cucurbits. Frontiers in plant science, 13, 895953.

Delgado-Martín J, et al. (2021) An efficient dsRNA constitutive expression system in Escherichia coli. Applied microbiology and biotechnology, 105(16-17), 6381.

Sorrentino V, et al. (2017) Enhancing mitochondrial proteostasis reduces amyloid-? proteotoxicity. Nature, 552(7684), 187.

Coelho RR, et al. (2016) Vitellogenin knockdown strongly affects cotton boll weevil egg viability but not the number of eggs laid by females. Meta gene, 9, 173.