

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

[pKDT17](#)

RRID:Addgene_27503

Type: Plasmid

Proper Citation

RRID:Addgene_27503

Plasmid Information

URL: <http://www.addgene.org/27503>

Proper Citation: RRID:Addgene_27503

Insert Name: LasR, LasB::LacZ fusion

Organism: Pseudomonas aeruginosa

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:8278364](#)

Vector Backbone Description: Backbone Size:0; Vector Backbone:pTS400; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: Expresses LasR under the control of the lac promoter. Contains a lasB::lacZ reporter of lasB promoter activity

Plasmid Name: pKDT17

Record Creation Time: 20220422T222123+0000

Record Last Update: 20260815T081303+0000

Ratings and Alerts

No rating or validation information has been found for pKDT17.

No alerts have been found for pKDT17.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Vetrivel A, et al. (2021) High-Throughput Virtual Screening for a New Class of Antagonist Targeting LasR of *Pseudomonas aeruginosa*. ACS omega, 6(28), 18314.

Thees AV, et al. (2021) PmtA Regulates Pyocyanin Expression and Biofilm Formation in *Pseudomonas aeruginosa*. Frontiers in microbiology, 12, 789765.

Kafle P, et al. (2016) Molecular Insights into the Impact of Oxidative Stress on the Quorum-Sensing Regulator Protein LasR. The Journal of biological chemistry, 291(22), 11776.