

Resource Summary Report

Generated by [dkNET](#) on Sep 21, 2026

pSIE1

RRID:Addgene_136355

Type: Plasmid

Proper Citation

RRID:Addgene_136355

Plasmid Information

URL: <http://www.addgene.org/136355>

Proper Citation: RRID:Addgene_136355

Insert Name: Type VI effector bfe1

Organism: Bacteroides fragilis 638R

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:31712278](#)

Vector Backbone Description: Backbone Size:2980; Vector Backbone:pExchange_tdk; Vector Types:Unspecified; Bacterial Resistance:Ampicillin

Plasmid Name: pSIE1

Relevant Mutation: ATG removed to add signal sequence before gene

Record Creation Time: 20220422T221752+0000

Record Last Update: 20260919T090936+0000

Ratings and Alerts

No rating or validation information has been found for pSIE1.

No alerts have been found for pSIE1.

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 [dkNET](#) .

Yu KB, et al. (2025) Complex carbohydrate utilization by gut bacteria modulates host food consumption. *Nature communications*, 16(1), 8408.

Yu KB, et al. (2025) An engineered gut bacterium protects against dietary methylmercury exposure in pregnant mice. *Cell host & microbe*, 33(5), 621.

Borgini S, et al. (2025) Identification of receptor-binding domains of Bacteroidales antibacterial pore-forming toxins. *The Journal of biological chemistry*, 302(2), 111113.

Yu KB, et al. (2024) Complex carbohydrate utilization by gut bacteria modulates host food preference. *bioRxiv* : the preprint server for biology.

Prezza G, et al. (2022) Comparative genomics provides structural and functional insights into Bacteroides RNA biology. *Molecular microbiology*, 117(1), 67.