

Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

D. vulgaris sp2 CRISPR/pACYCDuet-1

RRID:Addgene_81186

Type: Plasmid

Proper Citation

RRID:Addgene_81186

Plasmid Information

URL: <http://www.addgene.org/81186>

Proper Citation: RRID:Addgene_81186

Insert Name: Synthetic CRISPR array (3 copies of D. vulgaris spacer #2 flanked by repeats)

Organism: Desulfovibrio vulgaris str. Hildenborough

Bacterial Resistance: Chloramphenicol

Defining Citation: [PMID:27588603](#)

Vector Backbone Description: Backbone Marker:Novagen; Backbone Size:4008; Vector Backbone:pACYCDuet-1; Vector Types:Bacterial Expression, CRISPR; Bacterial Resistance:Chloramphenicol

Comments: Spacer sequence: GCCATGCTCAGGCTGGCGAGTGCGCCACTCATCAA
Repeat sequence: GTCGCCCCCACC GCGGGGGCGTGGATTGAAAC

Plasmid Name: D. vulgaris sp2 CRISPR/pACYCDuet-1

Record Creation Time: 20220422T222528+0000

Record Last Update: 20260815T082044+0000

Ratings and Alerts

No rating or validation information has been found for D. vulgaris sp2 CRISPR/pACYCDuet-1.

No alerts have been found for D. vulgaris sp2 CRISPR/pACYCDuet-1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Rozbeh R, et al. (2024) In Vivo Detection of Metabolic Fluctuations in Real Time Using the NanoBiT Technology Based on PII Signalling Protein Interactions. International journal of molecular sciences, 25(6).