

Resource Summary Report

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

pLYS5-SDHB-Flag

RRID:Addgene_50055

Type: Plasmid

Proper Citation

RRID:Addgene_50055

Plasmid Information

URL: <http://www.addgene.org/50055>

Proper Citation: RRID:Addgene_50055

Insert Name: SDHB

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:24231807](#)

Vector Backbone Description: Vector Backbone:pLYS5; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pLYS5-SDHB-Flag

Record Creation Time: 20220422T222257+0000

Record Last Update: 20260815T081604+0000

Ratings and Alerts

No rating or validation information has been found for pLYS5-SDHB-Flag.

No alerts have been found for pLYS5-SDHB-Flag.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Balderas E, et al. (2022) Mitochondrial calcium uniporter stabilization preserves energetic homeostasis during Complex I impairment. Nature communications, 13(1), 2769.

Saxena N, et al. (2021) Androgen receptor (AR) antagonism triggers acute succinate-mediated adaptive responses to reactivate AR signaling. EMBO molecular medicine, 13(5), e13427.

Matlac DM, et al. (2021) Succinate Mediates Tumorigenic Effects via Succinate Receptor 1: Potential for New Targeted Treatment Strategies in Succinate Dehydrogenase Deficient Paragangliomas. Frontiers in endocrinology, 12, 589451.

Bezawork-Geleta A, et al. (2018) Alternative assembly of respiratory complex II connects energy stress to metabolic checkpoints. Nature communications, 9(1), 2221.