

Resource Summary Report

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Cocaine Biobank

RRID:SCR_021796

Type: Tool

Proper Citation

Cocaine Biobank (RRID:SCR_021796)

Resource Information

URL: <https://www.cocainebiobank.org/>

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Description: Repository of biological samples from genetically characterized outbred rats that exhibit compulsive like escalation of cocaine self administration. Biological tissue bank originating from outbred rats (Heterogenous Stock rats) that have been characterized as vulnerable or resistant to cocaine addiction. Samples are available under three different conditions to maximize compatibility with wide range of applications, including generation of iPSC lines (slow freezing/LN2), histology/neuroanatomy (perfused), and molecular biology (snap-frozen).

Resource Type: material storage repository, storage service resource, service resource, biobank

Keywords: biological tissue bank, outbred rats, Heterogenous Stock rats, cocaine addiction, iPSC lines

Availability: Restricted

Resource Name: Cocaine Biobank

Resource ID: SCR_021796

Record Creation Time: 20220129T080357+0000

Record Last Update: 20260812T044415+0000

Ratings and Alerts

No rating or validation information has been found for Cocaine Biobank.

No alerts have been found for Cocaine Biobank.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Lara MK, et al. (2026) Genome-wide association study of cocaine self-administration behavior in Heterogeneous Stock rats. Nature communications, 17(1).

Lara MK, et al. (2025) Genome-wide association study of cocaine self-administration behavior in Heterogeneous Stock rats. bioRxiv : the preprint server for biology.

Duttke SH, et al. (2022) Glucocorticoid Receptor-Regulated Enhancers Play a Central Role in the Gene Regulatory Networks Underlying Drug Addiction. Frontiers in neuroscience, 16, 858427.

Carrette LLG, et al. (2022) Leptin Protects Against the Development and Expression of Cocaine Addiction-Like Behavior in Heterogeneous Stock Rats. Frontiers in behavioral neuroscience, 16, 832899.