

Resource Summary Report

Generated by PRECISE-TBI on Sep 8, 2026

Cornell Heart Lung Blood Resource for Optogenetic Mouse Signaling (CHROMus)

RRID:SCR_014522

Type: Tool

Proper Citation

Cornell Heart Lung Blood Resource for Optogenetic Mouse Signaling (CHROMus)
(RRID:SCR_014522)

Resource Information

URL: <http://chromus.vet.cornell.edu/why-chromus/>

Proper Citation: Cornell Heart Lung Blood Resource for Optogenetic Mouse Signaling (CHROMus) (RRID:SCR_014522)

Description: A transgenic mouse supplier which develops mouse lines expressing genetically encoded calcium indicators (GECIs) and optogenetic effectors in lineages relevant to cardiac, vascular, lung and blood diseases. The mouse strains created are designed to allow for inter crossing resulting in co-expression of sensors with discrete emission wavelengths in interacting lineages (e.g. endothelial and smooth muscle cells), as well as optically compatible effector/detector pairs.

Abbreviations: CHROMus

Synonyms: Cornell Heart Lung Blood Resource for Optogenetic Mouse Signaling

Resource Type: biomaterial manufacture, material service resource, production service resource, service resource

Keywords: heart, lung, blood, mouse, optogenetic mouse signaling, mouse line, develop

Resource Name: Cornell Heart Lung Blood Resource for Optogenetic Mouse Signaling (CHROMus)

Resource ID: SCR_014522

Record Creation Time: 20220129T080320+0000

Record Last Update: 20260905T132747+0000

Ratings and Alerts

No rating or validation information has been found for Cornell Heart Lung Blood Resource for Optogenetic Mouse Signaling (CHROMus).

No alerts have been found for Cornell Heart Lung Blood Resource for Optogenetic Mouse Signaling (CHROMus).

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.