

Resource Summary Report

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MGH CHGR Chromosome Substitution Strain Resource

RRID:SCR_009916

Type: Tool

Proper Citation

MGH CHGR Chromosome Substitution Strain Resource (RRID:SCR_009916)

Resource Information

URL: <http://harvard.eagle-i.net/i/0000012e-97d7-0e06-55da-381e80000000>

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Description: Core facility that provides the following services: Breeding pair service, Mouse Phenotyping Services.

This resource provides to MGH investigators a local source of breeding pairs of the 22 chromosome substitution strains (CSS)* of mice and access to basic phenotyping equipment for mapping of simple or complex traits, to promote the use of genetic mouse-based strategies in basic and clinical research. The CSS Resource comprises 22 mouse lines, each homozygous for a single A/J chromosome (Chr 1-19, X or Y and mitochondria) on a genetic background that is otherwise C57BL/J that were generated by Dr. Joseph Nadeau (Case Western Reserve University) and his colleagues. The CSS mice are available from The Jackson Laboratories. However, to save time and money, the MGH CSS Resource maintains CSS breeding colonies that are housed in the Simches-8 barrier facility, adjacent to a procedure room that will have equipment for basic standardized phenotyping, including behavioral and metabolic measurements.

Resource Type: access service resource, service resource, core facility

Keywords: mouse breeding, phenotype characterization

Resource Name: MGH CHGR Chromosome Substitution Strain Resource

Resource ID: SCR_009916

Alternate IDs: nlx_156382

Alternate URLs:

http://www2.massgeneral.org/chgr/facilities_chromosome_substitution_strain%20.htm

Record Creation Time: 20220129T080255+0000

Record Last Update: 20260729T044229+0000

Ratings and Alerts

No rating or validation information has been found for MGH CHGR Chromosome Substitution Strain Resource.

No alerts have been found for MGH CHGR Chromosome Substitution Strain Resource.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.