

Animal Model

B6.129P2-II10tm1Cgn/J

Jackson Stock Number: 002251

Abstract

Mice homozygous for the Il10tm1Cgn targeted mutation are viable and fertile when housed under SPF conditions. Under conventional housing conditions homozygous mutant mice are small in size, anemic, and have chronic enterocolitis. Intestinal problems are far less severe (local inflammation of the proximal colon) in a pathogen-free environment. Lymphocyte development and antibody responses are normal in homozygous mutant mice.

Cancer Research

Growth Factors/Receptors/Cytokines

Hematological Research:

Anemia, Iron Deficiency and Transport Defects (hemolytic), Immunological Defects

Immunology and Inflammation Research:

Autoimmunity, Growth Factors/ Receptors/Cytokines, Immunodeficiency
Inflammation (Inflammatory bowel disease)

Further Reading & Datasheet

[See information from The Jackson Laboratory](#)

This animal model is bred and managed by The Jackson Laboratory and marketed for commercial use by Ascenion.

Licensing Contact:
Dr Anja Zimmermann
Equity Management & Valuation
T: +49 89 318814-13
zimmermann@ascenion.de

Ascenion GmbH
Herzogstraße 64
D-80803 München
T: +49 89 318814-0
info@ascenion.de
www.ascenion.de