

**B6.129P2-*Il10*<sup>tm1Cgn</sup>/J**

Stock No: **002251** | *Il-10* KO

 Congenic, Targeted Mutation

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### Also Known As:*Il-10* KO

B6.129P2-*Il10*<sup>tm1Cgn</sup>/J mutant mice spontaneously develop a chronic inflammatory bowel disease (IBD). *Il10*-deficiency is associated with altered lymphocyte and myeloid profiles, elevated serum amyloid A levels, altered responses to inflammatory or autoimmune stimuli, increased prevalence of colorectal adenocarcinoma, and spontaneous development of chronic enterocolitis. *Il10*-deficient mice exhibit a significant increase in peripheral blood granulocyte populations upon lesion development.

### Donating Investigator

Herbert C. Morse III, Laboratory of Immunopathology, NIAID, NI

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## GENETIC OVERVIEW

**Genetic Background**

**Generation**

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(2018-07-27 00:00:00)

*Il10*<sup>tm1Cgn</sup>

**Alele Type**

**Gene Symbol**

**Gene Name**

Targeted (Null/Knockout)

*Il10*

interleukin 10

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## RESEARCH APPLICATIONS

Immunology, Inflammation and Autoimmunity Research  
Cancer Research  
Hematological Research

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# TOMORROW'S CURES



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