

Expertise

Superior Products

Unique Platforms

IL10 Knockout Mouse

Now Available to Commercial, CRO, & Academic Researchers

IL10 KNOCKOUT MOUSE MODEL OF INFLAMMATORY BOWEL DISEASE (IBD)

- ▶ Available for the first time to commercial and academic researchers under easy access terms
 - ▶ Simple label license applies to per head purchases
 - ▶ No license agreement to sign and no license fees
- ▶ A key spontaneous colitis disease model
 - ▶ With conventional microbiota (Excluded Flora health standard)
 - ▶ With no microbiota (Germ Free health standard)
- ▶ Complete IL-10 locus deletion
 - ▶ C57BL/6NTac strain
 - ▶ BALB/cAnNTac strain

ORDERING INFORMATION

Model Name	Model #	Nomenclature
IL10 Knockout (B6)	<ul style="list-style-type: none"> ▶ 16006 (conventional microbiota) ▶ GF-16006 (Germ Free) 	C57BL/6NTac- <i>IL10^{em8}Tac</i>
IL10 Knockout (BALB/c)	<ul style="list-style-type: none"> ▶ 15660 (conventional microbiota)* ▶ GF-15660 (Germ Free)* 	BALB/cAnNTac- <i>IL10^{em7}Tac</i>

*Available in Fall 2018

Get in touch for more information about our products and services.
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 Learn more at: taconic.com/ibd

CHOOSE TACONIC

Taconic Biosciences' mission is to improve quality of life by providing the right animal model solutions to drive critical research from project to cure.

Taconic delivers this superior value by making its customers the focus of everything it does. From developing the most predictive models to drive key decisions, to custom design and breeding services generated for each specific project, Taconic's expertise, superior products, and unique platforms empowers customers to progress their research further, faster.

YOUR COLLABORATIVE PARTNER

As a full-service biosciences company, Taconic can help you acquire, test, develop, breed, cryopreserve, prepare, and distribute highly relevant research lines worldwide. Whether you require custom genetically engineered, cell or tissue engrafted models, or traditional models, Taconic's scientists will partner with you to rapidly and efficiently deliver the highest quality animals.

CONTACT US

Our scientific team is happy to meet and talk with you about the most efficient way to achieve your study goals. Working in partnership with clients all over the world, our scientific team offers expert advice that can help you speed up your research and reduce your overall costs.

For information, contact one of our customer service team members, who are here to help you make the right decisions and get the models you need fast. Contact us at info@taconic.com.

VISIT TACONIC.COM

For more information on the entire Taconic portfolio of products and services designed to help further your research, visit taconic.com

IL10 KNOCKOUT: IMPACT OF THE MICROBIOME

Conventional Microbiota	Germ-free for Induced Colitis	Germ-free for Mechanistic Studies
<ul style="list-style-type: none">▶ Study spontaneous colitis onset in the context of the normal mouse microbiome▶ Appropriate for use with NSAID-induced accelerated disease onset	<ul style="list-style-type: none">▶ IL10 Knockouts do not develop disease when kept germ-free, but rapidly develop disease when associated with select microbes or fecal material. Taconic offers custom associations of this model with fecal microbiota or customer-supplied microbial agents prior to shipment	<ul style="list-style-type: none">▶ Assess the contribution of individual microbiome components or compare different complex microbiota relative to disease phenotype▶ Examine colitis development in the context of a single organism▶ Evaluate a humanized microbiome in this disease model▶ Taconic can perform fecal microbiota transplantations (FMT) in this model

TACONIC'S CUSTOM FMT SERVICE

- ▶ Utilizes Taconic's commercially available Germ Free C57BL/6, BALB/c, Swiss Webster, and IL10 Knockout strains
- ▶ Germ-free mice are associated with client-provided microbiota
- ▶ Range of available husbandry options for large or small study cohorts and short or long-term animal studies including semi-rigid isolators and Individually Ventilated Cages (IVCs)
- ▶ Custom Germ Free derivations are available for client lines or genetically engineered models to generate axenic stock
- ▶ Biospecimen collections
- ▶ Shipment of conditioned animals or samples to client or CRO at study end



TACONIC
Models For Life.