



Nothing to Hide.

Nude mice offer a visually accessible, T cell-deficient host for xenograft studies where tumor observation and measurement are central to study design.

The classic **immunodeficient model**, trusted for decades in oncology research.

Why nude mice remain relevant in oncology research



Visually accessible phenotype

Hairlessness can support external tumor observation, measurement, and imaging workflows where visual monitoring is important.



T cell-deficient host biology

The *Foxn1*-associated nude mutation results in impaired thymus development and T cell deficiency, supporting engraftment of many xenografts while retaining other immune components.



Practical, established option

Nude mice are commonly used for well-established tumors, rapidly growing cell lines, high-throughput xenograft studies, and applications where more extensive immunodeficiency is not required.



Compare xenograft host options

Scan to explore or visit www.taconic.com/products/mouse-rat/standard-immunodeficients



Need help selecting the right immunodeficient host?

Contact Taconic Biosciences to discuss how immunodeficient models can support your research program.



Study Design Note: Nude mice may not be appropriate for every xenograft application. Residual immune function, potential extrathymic T cell maturation, study duration, and tumor type should be evaluated when selecting an immunodeficient host.

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Learn more at: taconic.com

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NOG: Engineered for Engraftment.

For human immune cell engraftment, challenging tumors, and PDX studies that require a more permissive host.

The foundational **NOG platform** with more than 25 years of research use across humanized immune system, xenograft, and PDX applications.



Explore the NOG portfolio

Scan to explore or visit www.taconic.com/resources/therapeutic-areas/oncology-immuno-oncology/the-nog-portfolio



Need help matching host biology to study goals?

Contact Taconic Biosciences to discuss how the NOG portfolio models can support your research program.

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NOG: Supporting more demanding engraftment applications



Human immune cell engraftment

Built on a NOD scid *Il2rg*-null background, NOG supports PBMC- and CD34+ humanized immune system engraftment approaches.



Challenging tumor models

Provides a highly immunodeficient host background for tumor systems where reduced immune barriers may support engraftment.



PDX and oncology applications

Used across xenograft, PDX, oncology, and immuno-oncology study designs where host permissiveness is a key consideration.



Study Design Note: Model selection should account for tumor type, engraftment strategy, study duration, humanization approach, and relevant host biology. Next-Generation NOG models are available to support additional specialized applications.