



# Esophageal Squamous Cell Carcinoma Xenograft Tumor Model

MODEL	NOMENCLATURE	HAIR	T CELLS	B CELLS	NK CELLS
SHrN <sup>®</sup>	NOD.Cg-Prkdc <sup>scid</sup> Hr <sup>hr</sup> /NCrHsd	No	Nonfunctional	Nonfunctional	Impaired

## Model

The SHrN<sup>®</sup> is a Hairless NOD.SCID Mouse developed by Harlan. Harlan was renamed Envigo in 2015. The SHrN<sup>®</sup> is a triple-immunodeficient model with distinct benefits and excellent for tumor xenografts.

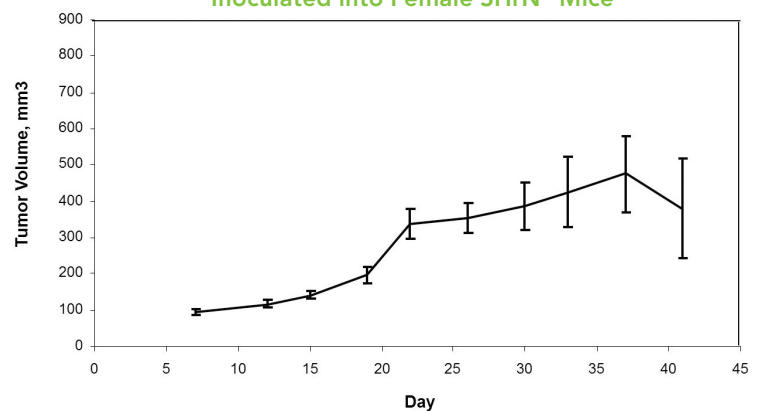
## Cell Line

Human KYSE-150 cells sourced from DSMZ (Number: ACC 375) were implanted into a cohort of SHrN<sup>®</sup> mice. Female mice at approximately 8 weeks of age were implanted with 5.0e6 cells with GFR Matrigel (1:1 dilution) into the subcutaneous space of the right flank.

## Tumor Growth *in vivo*

The mice were maintained in a barrier under controlled environmental conditions. The mice consumed Teklad Global Rodent Diet 2914 (14% protein). Body weights were taken and tumor measurements were assessed with a caliper twice per week.

Tumor Growth Rate for KYSE-150 Cells  
Inoculated into Female SHrN<sup>®</sup> Mice



Data shown as mean values; N=5  
Tumor growth study services conducted by Covance, Inc.

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