Non-small Cell Lung Adenocarcinoma
Xenograft Tumor Model

Model
The athymic nude mouse has an autosomal recessive mutation on \( nu \) locus on chromosome 11. The hairless model is T-cell deficient and accepts xenograft transplantation.

Cell Line
Human H2122 (NCI-H2122) cells sourced from ATCC® (Number: CRL-5985™) were implanted into a cohort of athymic nude mice. Female mice at approximately 8 weeks of age were implanted with 5.0\( \times \)10⁶ 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.

Data shown as mean values; \( N=10 \)

Tumor Growth Rate for H2122 (NCI-H2122) Cells Inoculated into Female Athymic Nude Mice

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