

NOG-TKm30 (NOG-TKm30 Tg)	
Strain name	NOD.Cg-Prkdc<scid> Il2rg<tm1Sug> Tg(Ttr-UL23 mutant30)4-9/Jic
Strain description	Drug-induced liver in+D17jury model mice (Improved TK-NOG). Overcoming male infertility has made it possible to obtain Tg homozygotes, genotyping by PCR is no longer necessary.
Strain development	A vector in which an artificial intron and the HSVtk gene mutant clone #30 were placed downstream of the mouse Ttr promoter was microinjected into a (NOD♀ x NOG♂) F1 pronuclear stage fertilized egg, and the obtained transgenic mouse was backcrossed into a NOG mouse.
Research application	Hu-liver mice engrafted with human hepatocytes (New model)
References	Uehara S. et al.(2021) An improved TK-NOG mouse as a novel platform for humanized liver that overcomes limitations in both male and female animals Drug Metab Pharmacokinet. 2021 Jun 12;42:100410.
URL	https://www.sciencedirect.com/science/article/pii/S1347436721000318?via%3Dihub
Remarks	-