

List of next generation immunodeficient mice

TK-NOG (TK-NOG Tg)	
Strain name	NOD.Cg-Prkdc<scid> Il2rg<tm1Sug> Tg(Alb-UL23)7-2/ShiJic
Strain description	Human liver model
Strain development	A vector in which an artificial intron and the HSVtk gene were placed downstream of the mouse Alb 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 (Current model)
References	Hasegawa M. et al.(2011) The reconstituted 'humanized liver' in TK-NOG mice is mature and functional. Biochem Biophys Res Commun. Feb 18;405(3):405-10.
URL	https://pubmed.ncbi.nlm.nih.gov/21238430/
Remarks	-