

## List of next generation immunodeficient mice

<b>NOG-PGK-EGFP (NOG-(PGK-EGFP) Tg)</b>	
Strain name	NOD.Cg-Prkdc<scid> Il2rg<tm1Sug> Tg (Pgk-EGFP)16/Jic
Strain description	GFP-expressing NOG mouse
Strain development	The promoter region (621 bp) of the murine phosphoglycerate kinase 1 gene was amplified by polymerase chain reaction (PCR) at an annealing temperature of 60°C with the primers mPGK-F-AseI (5'-AAAAT- TAATACCGGGTAGGGGAGGCGCT-3') and mPGK- R-BamHI (5'-TTTGATCCACGCGCTTCTA- CAAGGCGCT-3') and then cloned into the pEGFP-N1 plasmid (Clontech Laboratories, Inc., Mountain View, CA, USA) at the Ase I-Bam HI restriction site (pmPg- kEGFP). A vector-free 1.6-kb EGFP expression fragment was prepared by cleavage of the pmPgkEGFP plasmid DNA at unique Ase I and Ssp I restriction sites. The PgkEGFP-NOG construct was microinjected into fertilized NOD/Shi strain mouse eggs using standard methods.
Research application	-
References	Higuchi Y. et al. (2014) Novel enhanced green fluorescent protein-expressing NOG mouse for analyzing the microenvironment of xenograft tissues. <i>Exp Anim.</i> 63(1):55-62.
URL	<a href="https://pubmed.ncbi.nlm.nih.gov/24521863/">https://pubmed.ncbi.nlm.nih.gov/24521863/</a>
Remarks	-