

## List of available Next Generation NOG mice

<b>NOGW-EXL</b>	
Strain name	NOD.Cg-Prkdc<scid> Il2rg<tm1Sug> Kit<em2(V831M)Jic> Tg(SRa-IL3, SRa-CSF2)/Jic
Strain description	Systemic expression of human IL-3 and GM-CSF in NOG-W41 mice
Strain development	A strain established by crossing NOG-Exl mice with NOG-W41 strains generated through genome editing (TALEN and CRISPR/Cas9).
Research application	A model that enables humanization through HSC transplantation without x-ray irradiation and allows for advanced differentiation of human myeloid lineage cells.
References	Ito R, et al. (2024) Improvement of multilineage hematopoiesis in hematopoietic stem cell-transferred c-kit mutant NOG-EXL humanized mice. Stem Cell Res Ther. 2024 Jun 21;15 (1):182.
URL	<a href="https://pubmed.ncbi.nlm.nih.gov/38902833/">https://pubmed.ncbi.nlm.nih.gov/38902833/</a>
Remarks	-