

List of next generation immunodeficient mice

after HSC transfusion

NOG-ΔMHC (NOG-Iab KO, B2m KO2)	
Strain name	NOD.Cg-Prkdc<scid> Il2rg<tm1Sug> B2m<em1Tac> H2-Ab1<tm1Doi>/Jic
Strain description	Human PBMC can be transferred by suppressing GVHD.
Strain development	It was established by crossing NOG-B2m<em1Tac> mice established by genome editing with NOG-H2-Ab1<tm1Doi> mice.
Research application	Human PBMC model without xeno-GVHD
References	Ka Y. et al. (2020) Improved engraftment of human peripheral blood mononuclear cells in NOG MHC double knockout mice generated using CRISPR/Cas9. Immunol Lett. 2021 Jan;229:55-61.
URL	https://pubmed.ncbi.nlm.nih.gov/33253759/
Remarks	New distribution of the old strain (B2m<tm1Unc> H2-Ab1<tm1Doi>) has ended.