

List of next generation immunodeficient mice

NOG-M-CSF (NOG-hM-CSF Tg)	
Strain name	NOD.Cg-Prkdc<scid> Il2rg<tm1Sug> Tg(CSF1BAC-hCSF1)/Jic
Strain description	Expression of human M-CSF induces human macrophages. Human M-CSF is accumulated as a protein in the mouse by an antibody that inhibits the mouse M-CSF receptor, so antibody administration is required. When human macrophages are induced, mice exhibit fatal anemia.
Strain development	The mouse M-CSF gene of in a BAC clone was replaced with the human M-CSF gene by homologous recombination. The BAC clone was used for microinjection.
Research application	-
References	-
URL	-
Remarks	-