

## List of next generation immunodeficient mice

<b>BRG-hIL-4 (BRG-hIL-4 Tg)</b>	
Strain name	C.Cg-Rag2<tm1Fwa> Il2rg<tm1Sug> Tg(CMV-IL4)/Jic
Strain description	Human IL4 Tg mice with BRG background express hIL-4 systemically.
Strain development	In 2005, (BALB/cA♀ x BRG♂) F1 pronuclear stage fertilized eggs were prepared by microinjecting about 1.6 Kb of DNA fragment in which human IL-4 cDNA and SV40 polyA were placed under the CMV promoter.
Research application	Th2 responses in HIV-1 infection
References	Okuma K. et al. (2008) Interleukin-4-transgenic hu-PBL-SCID mice: a model for the screening of antiviral drugs and immunotherapeutic agents against X4 HIV-1 viruses. Infect Dis. Jan 1;197(1):134-41.
URL	<a href="https://pubmed.ncbi.nlm.nih.gov/18171296/">https://pubmed.ncbi.nlm.nih.gov/18171296/</a>
Remarks	-