Mouse Information

**Common Name:** NSG-HLA-A2/HHD  
**MGI Official Name:** NOD.Cg-PrkdcscidIl2rgtm1WjlTg(HLA-A/H2-D/B2M)1Dvs/SzJ  
**Description:** NSG-HLA-A2/HHD mutant mice are immunodeficient and express human HLA class 1 heavy and light chains. This strain may be useful as a human hematopoietic engraftment host that supports the maturation of human T cells with transplantation 

**Categories:** None specified.

Genetic Alterations

No mutations indicated.

Strain Information

**Strain Type:** Congenic Strain  
**Chimera/Founder Genetic Background:** 129  
**Current Genetic Background:** 129 (date recorded: 12/02/2013)  
**Strain Description:** To generate this spontaneous/targeted mutation/transgenic strain NOD/ShiLtDvs-Tg(HLA-A/H2-D/B2M)1Dvs/J (Stock No. http://jaxmice.jax.org/strain/006604) mice were crossed to NOD.Cg-PrkdcscidIl2rgtm1Wjl/SzJ (Stock No. http://jaxmice.jax.org/strain/005557) mice. Mice were subsequently bred to homozygosity for all alleles, with male mice hemizygous for the X-linked Il2rgtm1Wjl targeted mutation. The Donating Investigator maintained the strain as homozygotes for all the alleles: PrkdcscidIl2rgtm1Wjl and Tg(HLA-A2/H2-D/B2M)1Dvs/SzJ (males will be hemizygous for the X-linked Il2rgtm1Wjl targeted mutation).

Associated Images

No associated images have been supplied.

Repositories

The Jackson Laboratory  
No URL supplied for repository  
Stock #: 014570  
Availability Notes: https://secureweb.jax.org/jaxmice/order/order-form.php?id=014570

Contact Information

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Associated Publications

No publications associated

Comments