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GFP Displaying Transgenic Mouse for Antigen Receptors

Technology No. 20110048

Transgenic Mouse for Immune System Research

BAC transgenic mouse that expresses GFP when stimulated through the T or B cell antigen receptor has many applications for basic research on the immune system, infectious disease, autoimmune disease, transplantation, vaccination, and immunotherapy for cancer. It will also be useful in screening compounds designed to activate or inhibit T cell receptor or B cell receptor activation in vitro or in vivo. There is a potential utility to use this mouse for in vitro or in vivo screens for compounds that activate or inhibit lymphocytes, including but not limited to: T cells, B cells, iNKT cells, gd T cells, and Tregulatory cells.

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