B6.FVB-Tg(Rorc-cre)1Litt/J transgenic mice (Jax. No 022791) (HHMI)

These transgenic mice express cre recombinase under the control of the mouse Rorc (RAR-related orphan receptor gamma; also called RORγt) promoter. Expression can be found in double positive thymocytes and their CD4+ and CD8+ single positive progeny as well as all αβ T cells of the spleen and lymphoid tissue inducer cells (LTi) and RORG+ innate lymphoid cells.

These transgenic mice express cre recombinase under the control of the mouse Rorc (RAR-related orphan receptor gamma; also called RORγt) promoter. When crossed with Gt(ROSA)26Sor floxed stop GFP reporter mice, double positive thymocytes and their CD4+ and CD8+ single positive progeny express GFP, whereas double negative precursors do not. In the spleen, all αβ T cells express GFP in contrast to γδ T cells, B cells, NK cells, CD11c+ dendritic cells and CD11b+ myeloid cells, which do not express GFP.

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