

Cxcl12-iCreERT2 Bacterial Artificial Chromosome Transgenic Mice

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Category

Research Tools and Reagents

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INNOVATION

Cxcl12-creER transgenic mice express a tamoxifen-inducible (ERT2) codon-improved iCre recombinase directed by mouse Cxcl12 (chemokine (C-X-C motif) ligand 12) promoter elements. When induced, iCre recombinase activity is observed in a subset of bone marrow stromal cells. This strain may be useful for in vivo lineage tracing and functional analysis of skeletal regeneration and a pre-adipocyte-like subset of bone marrow stromal cells.

ADDITIONAL DETAILS

Jackson <https://www.jax.org/strain/036235>