

**NYU**

## **B6.129P2-Cxcr4<sup>tm2Yzo/J</sup> transgenic mice (HHMI) (Jax No. 008767)**

**These mice possess loxP sites on either side of exon 2 of the Cxcr4, chemokine (C-X-C motif) receptor 4 gene. When crossed with a cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific expression of the gene.**

These mice possess loxP sites on either side of exon 2 of the targeted gene. Mice that are homozygous for this allele are viable, fertile, normal in size and do not display any gross physical or behavioral abnormalities. When these mutant mice are bred to mice that express cre recombinase, resulting offspring will have exon 2 deleted in the cre-expressing tissue(s). For example, when bred to a strain with a Cd19 null allele and expressing Cre recombinase during the B lymphocyte development, this mutant mouse strain may be useful in studies of B lymphocyte development.

### **Technology ID**

LIT01-09

### **Category**

Doug Brawley  
Life Sciences/Materials/Mouse  
Models

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