

## DNMT3B TRANSGENIC MICE

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**Description:** Dnmt3b transgenic mouse contains a full-length Flag-tagged murine Dnmt3b cDNA which is under the control of a rtTA promoter. The Dnmt3b transgenic mouse will provide both cell specific and temporal regulation for Dnmt3b over-expression upon recombination with addition of doxycycline (DOX).

**Publication:**

Shen J, Wang C, Li D, Xu T, Myers J, Ashton JM, Wang T, Zuscik MJ, McAlinden A, O'Keefe RJ. [DNA methyltransferase 3b regulates articular cartilage homeostasis by altering metabolism](#). JCI Insight. 2017 Jun 15;2(12). pii: 93612. doi: 10.1172/jci.insight.93612. eCollection 2017 Jun 15.