Docket #: S55-609C

129-Gt(ROSA)26Sor tml(CAG-EGFP) - Jackson Laboratory Stock Number 006053

MADM-GG mice are viable with no gross behavioral or observable abnormalities. Regardless of Cre-recombination, these mice express EGFP as their N- and C-terminal coding sequences are interrupted by the beta-actin intron in-frame high EGFP expression in every cell can be visualized in vivo and in fixed samples. These mutant mice are a control EGFP-expressing strain for use with MADM (mosaic analysis with double markers) mice. Using the MADM system, a researcher can generate genetic mosaics in which an individual organism contains somatic cells of different genotypes. This allows the researcher to ascertain lineal relationships and gene function in multicellular organisms.

Applications

- Cell differentiation and mitosis

Innovators

- Liqun Luo
- Hui Zong

Licensing Contact

Michael Bellas

Licensing Associate

Email