

B6.129(Cg)-Gt(ROSA)26Sor^{tm4(ACTB-tdTomato,-EGFP)Luo} /J

Stock No: 007676 | mT/mG, mTmG

 Congenic, Targeted Mutation

Live mice available in varying quantities. Ask Customer Service for details.

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membrane-localized tdTomato (mT) fluorescence expression is widespread in cells/tissues. Cre recombinase expressing cells (and future cell lineages derived from these cells) have cell membrane-localized EGFP (mG) fluorescence expression replacing the red fluorescence. ROSA^{mT/mG} mice (Stock No. 007576 and Stock No. 007676) function similarly to ROSA^{nT-nG} mice (Stock No. 023035 and Stock No. 023537), with ROSA^{mT/mG} directed to cell membrane and ROSA^{nT-nG} directed to nuclei.

Donating Investigator

IMR Colony, The Jackson Laboratory

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GENETIC OVERVIEW

Genetic Background

Generation

N11F12

(2020-02-18 00:00:00)

Gt(ROSA)26Sor^{tm4(ACTB-tdTomato,-EGFP)Luo}

Allele Type

Targeted (Conditional ready (e.g. floxed), Reporter)

Gene Symbol

Gt(ROSA)26Sor

Gene Name

gene trap ROSA 26, Philippe Soriano

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