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# Iron Deficiency Mouse Model

## Iron Deficiency Research Tool

This transgenic mouse model can help researchers understand the fundamental biology behind iron deficiency's effects on the brain. It was created by crossing targeted Slc11a2 flox/flox mice in a 129 J1 background strain (20) with CaMKII $\alpha$ -cre (L7ag#13 line (21)) transgenic mice in a C57BL/6J background to generate double mutant, hippocampal neuron specific knockout of Slc11a2 (Slc11a2<sup>hipp/hipp</sup> mice) in a mixed, Filial 2 (F2) generation, 129 J1/C57BL/6J background.

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## Technology ID

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## Category

Life Sciences/Research Tools

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