Iron Deficiency Mouse Model

Technology No. z09100

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 CaMKIIα−cre (L7ag#13 line (21)) transgenic mice in a C57BL/6J background to generate double mutant, hippocampal neuron specific knockout of Slc11a2 (Slc11a2hipp/hipp mice) in a mixed, Filial 2 (F2) generation, 129 J1/C57BL/6J background.

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