

## GRPR FLOX MOUSE STRAIN

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Grpr floxed mouse strain

This mouse strain has loxP sites flanking exon 2 of the Grpr gene. Inventors backcrossed the mice into the C57Bl/6J background. The mouse strain was used to study contagious itch and demonstrated that GRP-GRPR signaling is necessary and sufficient for transmitting contagious itch information in the suprachiasmatic nucleus (SCN) of the hypothalamus in mice.

**Publication:** [Molecular and neural basis of contagious itch behavior in mice](#)

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