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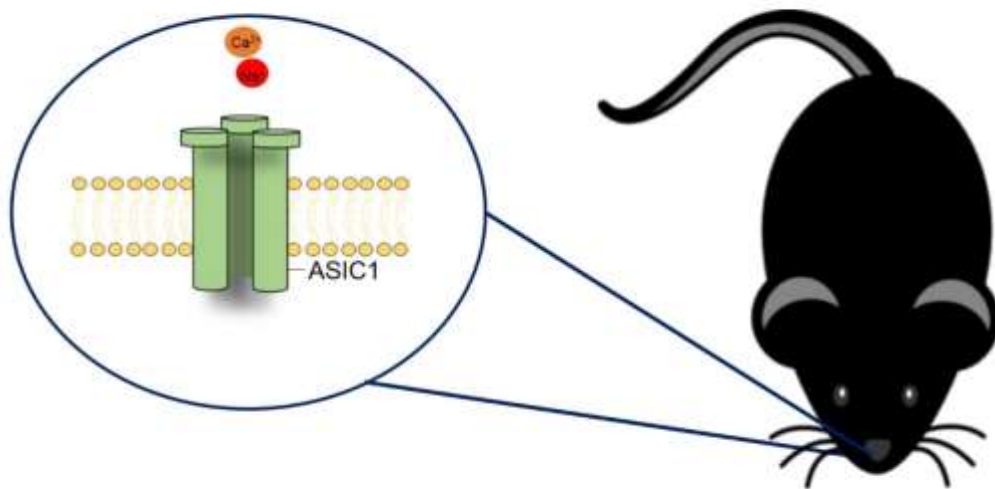
ACID-SENSING ION CHANNEL 1 CONTRIBUTES TO NORMAL OLFACTORY FUNCTION

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Graphical abstract



HIGHLIGHTS

- *ASIC1*^{-/-} mice have longer latency uncovering buried food
- *ASIC1*^{-/-} mice have reduced odor sensitivity to acidic compounds
- Nasal administration of ASIC1 inhibitor PcTX1 increases the latency for uncovering buried food

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