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Title: Novel trigeminal slice preparation method for studying mechanisms of nociception transmission

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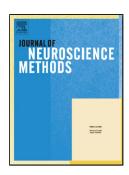
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# ACCEPTED MANUSCRIPT

# Title: Novel trigeminal slice preparation method for studying mechanisms of nociception transmission

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### Highlights

- A trigeminal slice including the subnucleus caudalis and root entry was prepared.
- Optical fluorescence intensity measurement was used for calcium imaging.
- Stimulation of the root entry evoked a fluorescence intensity in the Vc.
- An intracellular calcium increase was mediated by glutamate receptor transmission.
- This new method of slice preparation is a good model for trigeminal nociception.

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