

# Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 2026

## Kravitz Dataset 2

RRID:SCR\_000296

Type: Tool

### Proper Citation

Kravitz Dataset 2 (RRID:SCR\_000296)

### Resource Information

**URL:** <https://scicrunch.org/kravitz2>

**Proper Citation:** Kravitz Dataset 2 (RRID:SCR\_000296)

**Description:** Dataset of the spike and laser timestamps from Kravitz, Owen and Kretizer's 2012 paper "Optogenetic identification of striatal projection neuron subtypes during in vivo recordings." The code will analyze spike trains around laser pulses to determine if a cell is significantly activated by the laser, and therefore expresses an excitatory opsin, such as channelrhodopsin-2. It returns an excel sheet that simply identifies the activated cells.

**Resource Type:** data or information resource, data set

**Defining Citation:** [PMID:23178332](#)

**Keywords:** data set, neuron, spike train, optogenetic, in vivo, laser, channelrhodopsin, matlab

**Related Condition:** Addiction, Parkinson's disease, Tourette's syndrome

**Resource Name:** Kravitz Dataset 2

**Resource ID:** SCR\_000296

**Alternate IDs:** nlx\_151410

**Record Creation Time:** 20220129T080200+0000

**Record Last Update:** 20260728T043055+0000

### Ratings and Alerts

No rating or validation information has been found for Kravitz Dataset 2.

No alerts have been found for Kravitz Dataset 2.

---

## Data and Source Information

**Source:** [SciCrunch Registry](#)

---

## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [kravitz2](#) .

Kravitz AV, et al. (2013) Optogenetic identification of striatal projection neuron subtypes during in vivo recordings. Brain research, 1511, 21.