

# Resource Summary Report

Generated by RRID on Aug 12, 2026

## IOX2

RRID:SCR\_022973

Type: Tool

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### Proper Citation

IOX2 (RRID:SCR\_022973)

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### Resource Information

**URL:** <https://www.emkatech.com/product/iox2-software/>

**Proper Citation:** IOX2 (RRID:SCR\_022973)

**Description:** Software tool to acquire, analyze, view, and store physiological data generated during preclinical experiment. Has library of application specific analysis modules for real time signal processing.

**Resource Type:** service resource, software application, analysis service resource, data processing software, software resource, data analysis service, production service resource, data acquisition software

**Keywords:** emka TECHNOLOGIES, physiological data, preclinical experiment, real time signal processing,

**Availability:** Restricted

**Resource Name:** IOX2

**Resource ID:** SCR\_022973

**Record Creation Time:** 20221118T050202+0000

**Record Last Update:** 20260812T044429+0000

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### Ratings and Alerts

No rating or validation information has been found for IOX2.

No alerts have been found for IOX2.

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### Data and Source Information

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

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## Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Fernández-Peña C, et al. (2026) Autonomic C1 neurons promote anxiety via activation of vIPAG. *Neuron*.

Olejnik A, et al. (2025) Klotho protein alleviates heart ischemia/reperfusion injury and oxidative stress through regulation of the NOS/MMP pathway. *Scientific reports*, 15(1), 32299.

Miranda NC, et al. (2024) Sleep-related respiratory disruptions and laterodorsal tegmental nucleus in a mouse model of Parkinson's disease. *iScience*, 27(11), 111251.

Colinas O, et al. (2024) Carotid Body Function in Tyrosine Hydroxylase Conditional Olfr78 Knockout Mice. *Function (Oxford, England)*, 5(3), zqae010.

Jiménez-Gómez B, et al. (2023) Transgenic NADH dehydrogenase restores oxygen regulation of breathing in mitochondrial complex I-deficient mice. *Nature communications*, 14(1), 1172.

Angelakos CC, et al. (2023) A cluster of neuropeptide S neurons regulates breathing and arousal. *Current biology : CB*, 33(24), 5439.