

# Resource Summary Report

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## Drosophila induction-based torque compensator

RRID:SCR\_017276

Type: Tool

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### Proper Citation

Drosophila induction-based torque compensator (RRID:SCR\_017276)

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### Resource Information

**URL:** <https://doi.org/10.1007/BF00288561>

**Proper Citation:** Drosophila induction-based torque compensator (RRID:SCR\_017276)

**Description:** Compensator measure rotational force of tethered fly around its vertical body axis (yaw torque). Used as behavioral read-out after sensory stimulation or to control various environmental stimuli in different kinds of behavioral experiments. Measurement device uses measurement principle that is based on magnetic induction and compensates for any movement of fly.

**Resource Type:** instrument resource

**Keywords:** compensator, torque, yaw, insect, Diptera, time series, sensory, stimulation, fly, rotational, force, vertical, body, axis, tethered

**Resource Name:** Drosophila induction-based torque compensator

**Resource ID:** SCR\_017276

**Record Creation Time:** 20220129T080334+0000

**Record Last Update:** 20260912T195850+0000

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### Ratings and Alerts

No rating or validation information has been found for Drosophila induction-based torque compensator.

No alerts have been found for Drosophila induction-based torque compensator.

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### 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 [NIF](#) .

Ehweiner A, et al. (2024) Wings of Change: aPKC/FoxP-dependent plasticity in steering motor neurons underlies operant self-learning in Drosophila. F1000Research, 13, 116.