

# Resource Summary Report

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## Multi Gauge

RRID:SCR\_014299

Type: Tool

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### Proper Citation

Multi Gauge (RRID:SCR\_014299)

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### Resource Information

**URL:** <https://uofa.ualberta.ca/biological-sciences/-/media/science/departments/biological-sciences/mbsu/fla-5000/multigauge20.pdf>

**Proper Citation:** Multi Gauge (RRID:SCR\_014299)

**Description:** A software application for one-dimensional electrophoretic analysis of multi-labeled fluorophores. It was designed to analyze multi-channel fluorescence data from Fujifilm FLA-5000 and FLA-8000 scanning systems. The software also works with other scanners in the BAS/FLA series and with the LAS series.

**Synonyms:** MultiGuage

**Resource Type:** data analysis software, data processing software, software resource, software application

**Keywords:** data analysis software, one dimensional electrophoretic analysis, fluorophore, multi channel fluorescence data

**Funding:**

**Resource Name:** Multi Gauge

**Resource ID:** SCR\_014299

**Alternate URLs:** <http://www.scienceimaging.se/application-info/55.html>

**License:** Multi Gauge can be used in a single unit that has a single CPU or multiple CPUs

**Record Creation Time:** 20220129T080320+0000

**Record Last Update:** 20250423T060758+0000

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## Ratings and Alerts

No rating or validation information has been found for Multi Gauge.

No alerts have been found for Multi Gauge.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Kim S, et al. (2022) Control of hippocampal prothrombin kringle-2 (pKr-2) expression reduces neurotoxic symptoms in five familial Alzheimer's disease mice. *British journal of pharmacology*, 179(5), 998.

Miyazaki R, et al. (2021) Edge-strand of BepA interacts with immature LptD on the  $\beta$ -barrel assembly machine to direct it to on- and off-pathways. *eLife*, 10.

Gewartowska O, et al. (2021) Cytoplasmic polyadenylation by TENT5A is required for proper bone formation. *Cell reports*, 35(3), 109015.

Jeon MT, et al. (2020) Neurotrophic interactions between neurons and astrocytes following AAV1-Rheb(S16H) transduction in the hippocampus in vivo. *British journal of pharmacology*, 177(3), 668.

Matsumoto N, et al. (2020) A discrete subtype of neural progenitor crucial for cortical folding in the gyrencephalic mammalian brain. *eLife*, 9.

Nakayama I, et al. (2020) Regulation of epidermal growth factor receptor expression and morphology of lung epithelial cells by interleukin-1?. *Journal of biochemistry*, 168(2), 113.

Cario M, et al. (2020) Epidermal keratin 5 expression and distribution is under dermal influence. *Pigment cell & melanoma research*, 33(3), 435.

Congdon EE, et al. (2019) Tau antibody chimerization alters its charge and binding, thereby reducing its cellular uptake and efficacy. *EBioMedicine*, 42, 157.

Kim M, et al. (2019) Heme Oxygenase 1 in Schwann Cells Regulates Peripheral Nerve Degeneration Against Oxidative Stress. *ASN neuro*, 11, 1759091419838949.

Ishikawa K, et al. (2019) Acquired Expression of Mutant Mitofusin 2 Causes Progressive Neurodegeneration and Abnormal Behavior. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 39(9), 1588.

Wilson CS, et al. (2019) Metabolic constraints of swelling-activated glutamate release in astrocytes and their implication for ischemic tissue damage. *Journal of neurochemistry*, 151(2), 255.

Blaker AL, et al. (2019) Serial exposure to ethanol drinking and methamphetamine enhances glutamate excitotoxicity. *Journal of neurochemistry*, 151(6), 749.

Yamamoto M, et al. (2019) Microglia-Triggered Plasticity of Intrinsic Excitability Modulates Psychomotor Behaviors in Acute Cerebellar Inflammation. *Cell reports*, 28(11), 2923.

Fujita S, et al. (2019) Identification of drug transporters contributing to oxaliplatin-induced peripheral neuropathy. *Journal of neurochemistry*, 148(3), 373.

Gehring KB, et al. (2016) Abundance of phosphorylated *Apis mellifera* CREB in the honeybee's mushroom body inner compact cells varies with age. *The Journal of comparative neurology*, 524(6), 1165.

Muona M, et al. (2016) Biallelic Variants in UBA5 Link Dysfunctional UFM1 Ubiquitin-like Modifier Pathway to Severe Infantile-Onset Encephalopathy. *American journal of human genetics*, 99(3), 683.

Kadoyama K, et al. (2015) Changes in the expression of collapsin response mediator protein-2 during synaptic plasticity in the mouse hippocampus. *Journal of neuroscience research*, 93(11), 1684.

Zhang J, et al. (2014) Synaptic and cognitive improvements by inhibition of 2-AG metabolism are through upregulation of microRNA-188-3p in a mouse model of Alzheimer's disease. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 34(45), 14919.

Akimoto N, et al. (2013) CCL-1 in the spinal cord contributes to neuropathic pain induced by nerve injury. *Cell death & disease*, 4(6), e679.

Zhou XL, et al. (2011) Role of tRNA amino acid-accepting end in aminoacylation and its quality control. *Nucleic acids research*, 39(20), 8857.