Resource Summary Report

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Multi Gauge

RRID:SCR_014299
Type: Tool

Proper Citation

Multi Gauge (RRID:SCR_014299)

Resource Information

URL: https://uofa.ualberta.ca/biological-sciences/-/media/science/departments/biological-sciences/mbsu/fla-5000/mulitgauge20.pdf

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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: software application, software resource, data analysis software, data processing software

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: 20250506T061325+0000

Ratings and Alerts

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

No alerts have been found for Multi Gauge.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 20 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

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 ?-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.