

Resource Summary Report

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DeCyder 2D

RRID:SCR_014592

Type: Tool

Proper Citation

DeCyder 2D (RRID:SCR_014592)

Resource Information

URL:

http://www.gelifesciences.com/webapp/wcs/stores/servlet/catalog/en/GELifeSciences-us/products/AlternativeProductStructure_16015/28985411

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Description: THIS RESOURCE IS NO LONGER IN SERVICE, documented August 24, 2016. A software which is used with gel electrophoresis analysis and is used with the Ettan DIGE system. This system allows the option of reference to the internal standard for each spot, which ultimately eliminates gel-to-gel variation, and gives quantitation. This gel comparison method introduces nearly zero statistical error.

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

Keywords: gel electrophoresis system, gel electrophoresis, electrophoresis, gel-to-gel, quantitation, error correction objective

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: DeCyder 2D

Resource ID: SCR_014592

Record Creation Time: 20220129T080321+0000

Record Last Update: 20260919T195259+0000

Ratings and Alerts

No rating or validation information has been found for DeCyder 2D.

No alerts have been found for DeCyder 2D.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 363 mentions in open access literature.

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

Maneix L, et al. (2024) Cyclophilin A supports translation of intrinsically disordered proteins and affects haematopoietic stem cell ageing. *Nature cell biology*, 26(4), 593.

Royster A, et al. (2024) Modulations in the host cell proteome by the hantavirus nucleocapsid protein. *PLoS pathogens*, 20(1), e1011925.

Kodzik N, et al. (2024) Cryoprotectant-specific alterations in the proteome of Siberian sturgeon spermatozoa induced by cryopreservation. *Scientific reports*, 14(1), 17707.

Faniyan TS, et al. (2024) A kidney-hypothalamus axis promotes compensatory glucose production in response to glycosuria. *eLife*, 12.

Faniyan TS, et al. (2024) A kidney-hypothalamus axis promotes compensatory glucose production in response to glycosuria. *bioRxiv : the preprint server for biology*.

Dewan S, et al. (2023) Depressed myocardial cross-bridge cycling kinetics in a female guinea pig model of diastolic heart failure. *The Journal of general physiology*, 155(6).

Atanasova L, et al. (2023) Mycoparasitism related targets of Tmk1 indicate stimulating regulatory functions of this MAP kinase in *Trichoderma atroviride*. *Scientific reports*, 13(1), 19976.

Tukacs V, et al. (2023) Chronic Cerebral Hypoperfusion-Induced Disturbed Proteostasis of Mitochondria and MAM Is Reflected in the CSF of Rats by Proteomic Analysis. *Molecular neurobiology*, 60(6), 3158.

Soler L, et al. (2022) Exposure of intestinal explants to NX, but not to DON, enriches the secretome in mitochondrial proteins. *Archives of toxicology*, 96(9), 2609.

Lu F, et al. (2022) 2D-DIGE based proteome analysis of wheat-Thinopyrum intermedium 7XL/7DS translocation line under drought stress. *BMC genomics*, 23(1), 369.

Andriantait E, et al. (2022) Enhanced Carbonylation of Photosynthetic and Glycolytic Proteins in Antibiotic Timentin-Treated Tobacco In Vitro Shoot Culture. *Plants (Basel, Switzerland)*, 11(12).

Malhotra V, et al. (2022) Mycobacterium tuberculosis PknK Substrate Profiling Reveals Essential Transcription Terminator Protein Rho and Two-Component Response Regulators PrrA and MtrA as Novel Targets for Phosphorylation. *Microbiology spectrum*, 10(2), e0135421.

Rocha FG, et al. (2021) Sphingolipid-Containing Outer Membrane Vesicles Serve as a Delivery Vehicle To Limit Macrophage Immune Response to *Porphyromonas gingivalis*. *Infection and immunity*, 89(4).

Sengupta A, et al. (2021) Sumoylation and its regulation in testicular Sertoli cells. *Biochemical and biophysical research communications*, 580, 56.

Brown S, et al. (2021) A search for predictive biomarkers of ovine pre-partum vaginal prolapse. *Research in veterinary science*, 140, 251.

Zhang D, et al. (2021) Vitamin A cycle byproducts explain retinal damage and molecular changes thought to initiate retinal degeneration. *Biology open*, 10(11).

Jankowska U, et al. (2021) Proteome Analysis of PC12 Cells Reveals Alterations in Translation Regulation and Actin Signaling Induced by Clozapine. *Neurochemical research*, 46(8), 2097.

Zhang D, et al. (2021) BRS1 mediates plant redox regulation and cold responses. *BMC plant biology*, 21(1), 268.

Rodríguez-Fernández L, et al. (2021) Cleavage and activation of LIM kinase 1 as a novel mechanism for calpain 2-mediated regulation of nuclear dynamics. *Scientific reports*, 11(1), 16339.

Lacombe ML, et al. (2021) The mitochondrially-localized nucleoside diphosphate kinase D (NME4) is a novel metastasis suppressor. *BMC biology*, 19(1), 228.