Resource Summary Report

Generated by NIF on Apr 27, 2025

LOCATE: subcellular localization database

RRID:SCR_007763
Type: Tool

Proper Citation

LOCATE: subcellular localization database (RRID:SCR_007763)

Resource Information

URL: http://locate.imb.uq.edu.au/

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Description: LOCATE is a curated database that houses data describing the membrane organization and subcellular localization of proteins from the RIKEN FANTOM4 mouse and human protein sequence set. The membrane organization is predicted by the high-throughput, computational pipeline MemO. The subcellular locations were determined by a high-throughput, immunofluorescence-based assay and by manually reviewing peer-reviewed publications.

Synonyms: LOCATE

Resource Type: data or information resource, database

Keywords: bio.tools, FASEB list

Funding:

Resource Name: LOCATE: subcellular localization database

Resource ID: SCR_007763

Alternate IDs: nif-0000-03086, biotools:locate

Alternate URLs: https://bio.tools/locate

Record Creation Time: 20220129T080243+0000

Record Last Update: 20250426T055956+0000

Ratings and Alerts

No rating or validation information has been found for LOCATE: subcellular localization database.

No alerts have been found for LOCATE: subcellular localization database.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 33 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Basmenj ER, et al. (2025) Computational epitope-based vaccine design with bioinformatics approach; a review. Heliyon, 11(1), e41714.

Hannan KM, et al. (2022) Nuclear stabilization of p53 requires a functional nucleolar surveillance pathway. Cell reports, 41(5), 111571.

McKay TB, et al. (2020) Extracellular Vesicles Secreted by Corneal Epithelial Cells Promote Myofibroblast Differentiation. Cells, 9(5).

Sugawara S, et al. (2020) The mitochondrial protein PGAM5 suppresses energy consumption in brown adipocytes by repressing expression of uncoupling protein 1. The Journal of biological chemistry, 295(17), 5588.

Fuziwara CS, et al. (2019) The Highly Expressed FAM83F Protein in Papillary Thyroid Cancer Exerts a Pro-Oncogenic Role in Thyroid Follicular Cells. Frontiers in endocrinology, 10, 134.

Corredor AP, et al. (2018) In silico and in vitro analysis of boAP3d1 protein interaction with bovine leukaemia virus gp51. PloS one, 13(6), e0199397.

O'Connor E, et al. (2018) MYO9A deficiency in motor neurons is associated with reduced neuromuscular agrin secretion. Human molecular genetics, 27(8), 1434.

Camara Teixeira D, et al. (2018) A cell death assay for assessing the mitochondrial targeting of proteins. The Journal of nutritional biochemistry, 56, 48.

Yoo SK, et al. (2016) Plexins function in epithelial repair in both Drosophila and zebrafish. Nature communications, 7, 12282.

Chiu CN, et al. (2016) A Zebrafish Genetic Screen Identifies Neuromedin U as a Regulator of

Sleep/Wake States. Neuron, 89(4), 842.

Nanni L, et al. (2016) Texture Descriptors Ensembles Enable Image-Based Classification of Maturation of Human Stem Cell-Derived Retinal Pigmented Epithelium. PloS one, 11(2), e0149399.

Zhao W, et al. (2016) A new bioinformatic insight into the associated proteins in psychiatric disorders. SpringerPlus, 5(1), 1967.

Gibson TJ, et al. (2015) Experimental detection of short regulatory motifs in eukaryotic proteins: tips for good practice as well as for bad. Cell communication and signaling : CCS, 13, 42.

Meinken J, et al. (2015) MetazSecKB: the human and animal secretome and subcellular proteome knowledgebase. Database : the journal of biological databases and curation, 2015.

Liu X, et al. (2015) In?depth mapping of human testicular and epididymal proteins and their functional association with spermatozoa. Molecular medicine reports, 12(1), 173.

Liu FJ, et al. (2014) Screening and functional analysis of a differential protein profile of human breast cancer. Oncology letters, 7(6), 1851.

Fard Jahromi SS, et al. (2013) Construction and Analysis of the Cell Surface's Protein Network for Human Sperm-Egg Interaction. ISRN bioinformatics, 2013, 962760.

Rosenberg M, et al. (2012) Coculture with hematopoietic stem cells protects cardiomyocytes against apoptosis via paracrine activation of AKT. Journal of translational medicine, 10, 115.

Wang T, et al. (2012) Local zones of endoplasmic reticulum complexity confine cargo in neuronal dendrites. Cell, 148(1-2), 309.

Wyllie DH, et al. (2012) Identification of 34 novel proinflammatory proteins in a genome-wide macrophage functional screen. PloS one, 7(7), e42388.