

Resource Summary Report

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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

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: 20260821T193825+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 67 mentions in open access literature.

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

Temuulen U, et al. (2026) Effect of vascular lesion preprocessing on Brain Intensity AbNormality Classification Algorithm (BIANCA) white matter hyperintensity segmentation. *NeuroImage. Clinical*, 50, 104001.

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

Ohlrogge AH, et al. (2025) Subtle signs of atrial cardiomyopathy and left ventricular diastolic dysfunction are associated with reduced cognitive function: results from the Hamburg City Health Study. *Clinical research in cardiology : official journal of the German Cardiac Society*, 114(12), 1658.

Shtossel O, et al. (2024) Gut microbiome-metabolome interactions predict host condition. *Microbiome*, 12(1), 24.

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

Wilde LR, et al. (2022) Behavioural adjustments in the social associations of a precocial shorebird mediate the costs and benefits of grouping decisions. *The Journal of animal ecology*, 91(4), 870.

Hotz I, et al. (2022) Performance of three freely available methods for extracting white matter hyperintensities: FreeSurfer, UBO Detector, and BIANCA. *Human brain mapping*, 43(5), 1481.

Schlemm E, et al. (2022) Equalization of Brain State Occupancy Accompanies Cognitive Impairment in Cerebral Small Vessel Disease. *Biological psychiatry*, 92(7), 592.

Hydes T, et al. (2021) Can routine blood tests be modelled to detect advanced liver disease in the community: model derivation and validation using UK primary and secondary care data. *BMJ open*, 11(2), e044952.

Reinson T, et al. (2021) Transient elastography in patients at risk of liver fibrosis in primary care: a follow-up study over 54 months. *BJGP open*, 5(6).

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

- Brain D, et al. (2020) Protocol for a randomised trial testing a community fibrosis assessment service for patients with suspected non-alcoholic fatty liver disease: LOCAL assessment and triage evaluation of non-alcoholic fatty liver disease (LOCATE-NAFLD). BMC health services research, 20(1), 335.
- 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.
- Adeleke S, et al. (2019) Localising occult prostate cancer metastasis with advanced imaging techniques (LOCATE trial): a prospective cohort, observational diagnostic accuracy trial investigating whole-body magnetic resonance imaging in radio-recurrent prostate cancer. BMC medical imaging, 19(1), 90.
- Silva VM, et al. (2019) Schwann cell reprogramming and lung cancer progression: a meta-analysis of transcriptome data. Oncotarget, 10(68), 7288.
- 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.
- Sundaresan V, et al. (2019) Automated lesion segmentation with BIANCA: Impact of population-level features, classification algorithm and locally adaptive thresholding. NeuroImage, 202, 116056.
- 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.