Resource Summary Report

Generated by dkNET on Aug 16, 2026

AccuCor

RRID:SCR_023046
Type: Tool

Proper Citation

AccuCor (RRID:SCR_023046)

Resource Information

URL: https://cran.rstudio.com/web/packages/accucor/index.html

Proper Citation: AccuCor (RRID:SCR_023046)

Description: Software as isotope natural abundance correction algorithm that is needed especially for high resolution mass spectrometers. Natural abundance correction of mass spectrometer data.

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

Defining Citation: PMID:28471646

Keywords: Natural abundance correction, mass spectrometer data, isotope natural abundance correction algorithm, high resolution mass spectrometers

Funding: NCI R01 CA163591;
NIDDK P30DK019525;
NCI CA211437;
U. S. Department of Energy

Availability: Free, Available for download, Freely available

Resource Name: AccuCor

Resource ID: SCR_023046

Alternate URLs: https://github.com/XiaoyangSu/AccuCor

License: MIT

Record Creation Time: 20221215T050202+0000

Record Last Update: 20260815T182809+0000

Ratings and Alerts

No rating or validation information has been found for AccuCor.

No alerts have been found for AccuCor.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 27 mentions in open access literature.

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

Mortan LF, et al. (2026) Identification and Experimental Validation of Triosephosphate Isomerase 1 as a Functional Biomarker of SHetA2 Sensitivity in Ovarian Cancer. Cells, 15(3).

Curtabbi A, et al. (2026) Ectopic expression of cytosolic DHODH uncouples de novo pyrimidine biosynthesis from mitochondrial electron transport. Nature metabolism, 8(2), 454.

Savani MR, et al. (2026) Nitrogen metabolism profiling reveals cell state-specific pyrimidine synthesis pathway choice. Nature metabolism, 8(5), 1124.

Macdonald-Obermann J, et al. (2026) Differential ErbB receptor dimerization modulates the ability of EGF receptor ligands to regulate metabolic flux. The Journal of biological chemistry, 302(7), 113230.

Moon SJ, et al. (2026) Modeling tissue-specific Drosophila metabolism identifies high sugar diet-induced metabolic dysregulation in muscle at reaction and pathway levels. Nature communications, 17(1), 1692.

Bernard MJ, et al. (2026) OGDHL Promotes Prostate Cancer Progression and Regulates Neuroendocrine Marker Expression and Nucleotide Abundance. Molecular cancer research : MCR, 24(5), 356.

Liu M, et al. (2025) Lactate bridges mesangial cells to the differentiation of follicular helper T cells in lupus nephritis. Nature communications, 17(1), 663.

Izarraras K, et al. (2025) Kisspeptin Mitigates Hepatic De Novo Lipogenesis in Metabolic Dysfunction-Associated Steatotic Liver Disease. Cells, 14(16).

Sharma G, et al. (2025) IGF2BP3 redirects glycolytic flux to promote one-carbon metabolism and RNA methylation. Cell reports, 116330.

Xia RX, et al. (2025) Dependence of NPPS creates a targetable vulnerability in RAS-mutant cancers. Acta pharmacologica Sinica, 46(3), 728.

Li X, et al. (2025) Spatial isotope deep tracing deciphers inter-tissue metabolic crosstalk. Nature communications, 16(1), 7934.

Masalmeh RHA, et al. (2025) FAK modulates glioblastoma stem cell energetics via regulation of glycolysis and glutamine oxidation. Disease models & mechanisms, 18(11).

Zhao W, et al. (2025) HIF2?? inhibits glutaminase clustering in mitochondria to sustain growth of clear cell renal cell carcinoma. JCI insight, 10(23).

Zhang Y, et al. (2025) Dynamic single-cell metabolomics reveals cell-cell interaction between tumor cells and macrophages. Nature communications, 16(1), 4582.

Xing B, et al. (2025) Unraveling Tissue-Specific Fatty Acid Biosynthesis and Inter-Tissue Crosstalk in Mice through Stable-Isotope Tracing Metabolomics. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 12(31), e03662.

Cherkaoui S, et al. (2025) Reprogramming neuroblastoma by diet-enhanced polyamine depletion. Nature, 646(8085), 707.

Xie F, et al. (2025) Ursodeoxycholic acid inhibits the uptake of cystine through SLC7A11 and impairs de novo synthesis of glutathione. Journal of pharmaceutical analysis, 15(1), 101068.

AbuSalim JE, et al. (2025) Many circulating indole and phenol metabolites are host derived. bioRxiv : the preprint server for biology.

Jiang T, et al. (2025) Engineering auxin degradation into root-associated bacteria promotes plant growth. bioRxiv : the preprint server for biology.

Abdullah KG, et al. (2025) Gliomas phenocopy an inborn error of metabolism to drive neuronal activity and tumor growth. bioRxiv : the preprint server for biology.