

Resource Summary Report

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Thermo Xcalibur

RRID:SCR_014593

Type: Tool

Proper Citation

Thermo Xcalibur (RRID:SCR_014593)

Resource Information

URL: http://chemistry.unt.edu/~verbeck/LIMS/Manuals/XCAL_Quant.pdf

Proper Citation: Thermo Xcalibur (RRID:SCR_014593)

Description: A software which acquires and processes data sets, primarily through the Xcalibur system.

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

Keywords: data acquisition software, thermo fisher, xcalibur, excalibur, data set

Resource Name: Thermo Xcalibur

Resource ID: SCR_014593

Record Creation Time: 20220129T080321+0000

Record Last Update: 20260808T190027+0000

Ratings and Alerts

No rating or validation information has been found for Thermo Xcalibur.

No alerts have been found for Thermo Xcalibur.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 8269 mentions in open access literature.

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

Ghoochani A, et al. (2026) Cell-type resolved protein atlas of brain lysosomes identifies SLC45A1-associated disease as a lysosomal disorder. *Cell*, 189(3), 765.

Pereira de Castro KL, et al. (2026) Competition for the conserved branch point sequence influences physiological outcomes in pre-mRNA splicing. *eLife*, 13.

Martínez A, et al. (2026) Targeted KRASG12V Degradation in vivo Elicits Lung Adenocarcinoma Regression with Subsequent Relapse from Dysregulated Proteolysis. *Cancer research*.

Chen D, et al. (2026) Spatially Resolved Multiomics Reveals Metabolic Remodeling and Autophagy Activation in Adamantinomatous Craniopharyngiomas. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), e16965.

Zheng L, et al. (2026) PEX5 integrates the p38 MAPK signaling pathway and taurine metabolism to regulate senescence in lung fibroblasts. *Experimental cell research*, 458(1), 114973.

Ma H, et al. (2026) BCAA metabolism promotes lung cancer tumorigenesis by enhancing cholesterol biosynthesis. *Cell reports*, 45(7), 117641.

Molotkova A, et al. (2026) ROME, an Ancient Gene with a Novel Function in Vertebrates, Is a Key Modulator of Embryonal Development and Cancer Metastasis. *Cancer research communications*, 6(3), 477.

Huang Y, et al. (2026) SR-B1-Mediated Transplacental Transfer of Hydrophobic Toxicants Disrupts Fetal Development During Barrierogenesis. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(23), e15742.

Zink A, et al. (2026) Pluripotent stem-cell-based screening uncovers sildenafil as a mitochondrial disease therapy. *Cell*, 189(6), 1656.

Dombaxe CP, et al. (2026) Proteomic Signatures of Regeneration: Uncovering Extracellular Matrix-Associated Cues in Goldfish Spinal Cord Repair. *The Journal of comparative neurology*, 534(5), e70170.

Soto CA, et al. (2026) Elevated lactate in AML bone marrow contributes to macrophage polarization via GPR81 signaling. *Blood advances*, 10(5), 1614.

Anabtawi N, et al. (2026) Mechanisms Underlying Cedazuridine-Mediated Enhancement of Oral Decitabine Bioavailability. *Cancer research communications*, 6(3), 648.

Pasquero S, et al. (2026) Targeting peptidyl-arginine deiminase 4 suppresses SARS-CoV-2 replication and modulates the inflammatory response. *iScience*, 29(3), 115038.

Su M, et al. (2026) FASN inactivation-induced progranulin (GRN) expression promotes lysosome-dependent cell death to suppress leukemogenesis. *Cell reports*, 45(3), 117042.

Nishiuchi T, et al. (2026) Paleoproteomics of pottery food residues reveals plant cupin superfamily proteins preserved for thousands of years. *iScience*, 29(5), 115637.

Puno A, et al. (2026) Adrenomedullin restores the human cortical interneurons migration defects induced by hypoxia. *eLife*, 14.

Black JJ, et al. (2026) The *Legionella pneumophila* effector SidL is an adenylyltransferase that modifies the glycolytic intermediate 3-phosphoglycerate. *Molecular cell*.

Lacouture A, et al. (2026) The mTOR signaling pathway regulates key steps of mammary gland organoid genesis in a temporal manner. *Scientific reports*, 16(1), 6751.

D'Andrea S, et al. (2026) Glycolipid recognition and binding by Siglec-6 hinges on interactions with the cell membrane. *Communications biology*, 9(1).

Boucher DM, et al. (2026) Postoperative Stress Accelerates Atherosclerosis Through Inflammatory Remodeling of the HDL Proteome and Impaired Reverse Cholesterol Transport. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(26), e11121.