

# Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

## [iceLogo](#)

RRID:SCR\_012137

Type: Tool

### Proper Citation

iceLogo (RRID:SCR\_012137)

### Resource Information

**URL:** <https://code.google.com/p/icelogo/>

**Proper Citation:** iceLogo (RRID:SCR\_012137)

**Description:** Software that builds on probability theory to visualize significant conserved sequence patterns in multiple peptide sequence alignments against background (reference) sequence sets that can be tailored to the studied system and the used protocol.

**Resource Type:** software resource

**Defining Citation:** [PMID:19876014](#)

**Keywords:** standalone software, web app, bio.tools

**Availability:** Apache License

**Resource Name:** iceLogo

**Resource ID:** SCR\_012137

**Alternate IDs:** biotools:icelogo, OMICS\_05885

**Alternate URLs:** <https://bio.tools/icelogo>

**Record Creation Time:** 20220129T080308+0000

**Record Last Update:** 20260808T185940+0000

### Ratings and Alerts

No rating or validation information has been found for iceLogo.

No alerts have been found for iceLogo.

## Data and Source Information

**Source:** [SciCrunch Registry](#)

## Usage and Citation Metrics

We found 185 mentions in open access literature.

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

Zhang H, et al. (2026) Identification of protein lysine lactylation and potential targets in esophageal squamous cell carcinoma. *Translational cancer research*, 15(5), 404.

Zabala-Letona A, et al. (2026) Polyamine-dependent metabolic shielding regulates alternative splicing. *Nature*, 651(8106), 819.

Cho H, et al. (2026) Glucocorticoid-Induced Proteome and Phosphoproteome Changes in Breast Cancer Cell Lines. *Journal of proteome research*, 25(4), 2110.

Fu Q, et al. (2026) Identification of the regulatory elements and protein substrates of lysine acetoacetylation. *eLife*, 14.

Cho H, et al. (2026) Quantitative proteomics and phosphoproteomics reveal glucocorticoid stimulation of TLR and Rho GTPase signaling in neutrophil-like cells. *Genome biology*, 27(1).

Boswell EL, et al. (2026) An AI-Ready Phosphorylation Meta-Analysis for *Saccharomyces cerevisiae*. *Journal of proteome research*, 25(6), 2915.

Zhang J, et al. (2026) d-lactate drives lysine d-lactylation to regulate metabolism in *Escherichia coli*. *The Journal of biological chemistry*, 302(5), 111374.

Yee DH, et al. (2026) Pepsin Digestion for Proteomic Studies of the Human Hair Shaft. *Rapid communications in mass spectrometry : RCM*, 40(6), e70018.

Wang J, et al. (2026) EBV infection and HLA-DR15 jointly drive multiple sclerosis by myelin peptide presentation. *Cell*.

Barbosa da Silva E, et al. (2025) The impact of pH on proteolytic activity in wound fluid: Implications for acid therapy. *The Journal of biological chemistry*, 301(10), 110723.

Silva EB, et al. (2025) Enhancing schistosomiasis drug discovery approaches with optimized proteasome substrates. *Protein science : a publication of the Protein Society*, 34(6), e70180.

de Groot R, et al. (2025) Cleavage of Cartilage Oligomeric Matrix Protein (COMP) by ADAMTS4 generates a neoepitope associated with osteoarthritis and other forms of degenerative joint disease. *Matrix biology : journal of the International Society for Matrix Biology*, 135, 106.

Yan M, et al. (2025) Lactylated Proteomic Analysis Reveals Functional Implications of Lysine Lactylation In Asthenozoospermia. *Molecular & cellular proteomics : MCP*, 24(12), 101439.

Liu G, et al. (2025) Deciphering the Metabolic Impact and Clinical Relevance of N-Glycosylation in Colorectal Cancer through Comprehensive Glycoproteomic Profiling. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 12(21), e2415645.

Li L, et al. (2025) PRMT5 Maintains Homeostasis of the Intestinal Epithelium by Modulating Cell Proliferation and Survival. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 12(12), e2415559.

Steinberger S, et al. (2025) Proteasome caspase-like activity regulates stress granules and proteasome condensates. *Frontiers in cell and developmental biology*, 13, 1570499.

Roumbo L, et al. (2025) The MAST kinase KIN-4 carries out mitotic entry functions of Greatwall in *C. elegans*. *The EMBO journal*, 44(7), 1943.

Tyl MD, et al. (2025) Infection-induced lysine lactylation enables herpesvirus immune evasion. *Science advances*, 11(2), eads6215.

Chambwe N, et al. (2025) Cellular heterogeneity and therapeutic response profiling of human IDH + glioma stem cell cultures. *Scientific reports*, 16(1), 3177.

Kauko O, et al. (2025) Diverse oncogenes use common mechanisms to drive growth of major forms of human cancer. *Science advances*, 11(34), eadt1798.