

Resource Summary Report

Generated by [ASWG](#) on Aug 3, 2026

EXTREME

RRID:SCR_001821

Type: Tool

Proper Citation

EXTREME (RRID:SCR_001821)

Resource Information

URL: <https://github.com/uci-cbcl/EXTREME>

Proper Citation: EXTREME (RRID:SCR_001821)

Description: A motif discovery algorithm designed to find DNA-binding motifs in ChIP-Seq and DNase-Seq data.

Resource Type: software resource

Defining Citation: [PMID:24532725](#)

Keywords: java, perl, python

Availability: Free, Available for download, Freely available

Resource Name: EXTREME

Resource ID: SCR_001821

Alternate IDs: OMICS_03428

License: GNU General Public License, v2

Record Creation Time: 20220129T080209+0000

Record Last Update: 20260801T190204+0000

Ratings and Alerts

No rating or validation information has been found for EXTREME.

No alerts have been found for EXTREME.

Data and Source Information

Usage and Citation Metrics

We found 28 mentions in open access literature.

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

Jordán de Luna C, et al. (2025) Evidence and reality: an observational study on pharmacological outcomes in advanced head and neck tumors. *Frontiers in oncology*, 15, 1598125.

Li B, et al. (2025) Measuring China's Policy Stringency on Climate Change for 1954-2022. *Scientific data*, 12(1), 188.

Zhang M, et al. (2025) Association Between the Glucose-to-Lymphocyte Ratio and 28-Day Mortality in Patients with Mechanical Ventilation. *Balkan medical journal*, 42(4), 358.

Ivanyi P, et al. (2025) Cost-effectiveness of cetuximab-containing regimens for squamous cell carcinoma of the head and neck in Italy. *Future oncology (London, England)*, 21(14), 1779.

Pan Y, et al. (2024) Machine learning-Based model for prediction of Narcolepsy Type 1 in Patients with Obstructive Sleep Apnea with Excessive Daytime Sleepiness. *Nature and science of sleep*, 16, 639.

Ye D, et al. (2024) Nivolumab plus ipilimumab versus the EXTREME regimen in recurrent/metastatic squamous cell carcinoma of the head and neck: a cost-effectiveness analysis. *Scientific reports*, 14(1), 6807.

Oridate N, et al. (2024) First-line pembrolizumab with or without chemotherapy for recurrent or metastatic head and neck squamous cell carcinoma: 5-year follow-up of the Japanese population of KEYNOTE?048. *International journal of clinical oncology*, 29(12), 1825.

Leslie E, et al. (2024) Heat stress and the velocity-duration relationship in amateur runners. *Physiological reports*, 12(16), e70013.

Anaya G, et al. (2024) Genomic Diversity of the Retinta Breed Derived from Two Ancestral Bovine Lineages. *Veterinary sciences*, 11(6).

Haddad RI, et al. (2023) Nivolumab Plus Ipilimumab Versus EXTREME Regimen as First-Line Treatment for Recurrent/Metastatic Squamous Cell Carcinoma of the Head and Neck: The Final Results of CheckMate 651. *Journal of clinical oncology : official journal of the American Society of Clinical Oncology*, 41(12), 2166.

Stussman B, et al. (2023) A Mixed Methods System for the Assessment of Post Exertional Malaise in Encephalomyelitis/Chronic Fatigue Syndrome. *medRxiv : the preprint server for health sciences*.

Ma Z, et al. (2023) A new hypothesis on BV etiology: dichotomous and crisscrossing categorization of complex versus simple on healthy versus BV vaginal microbiomes. *mSystems*, 8(5), e0004923.

Heiliger C, et al. (2022) Phantom study on surgical performance in augmented reality laparoscopy. *International journal of computer assisted radiology and surgery*.

Burtneß B, et al. (2022) Pembrolizumab Alone or With Chemotherapy for Recurrent/Metastatic Head and Neck Squamous Cell Carcinoma in KEYNOTE-048: Subgroup Analysis by Programmed Death Ligand-1 Combined Positive Score. *Journal of clinical oncology : official journal of the American Society of Clinical Oncology*, 40(21), 2321.

Sánchez-Mayor M, et al. (2022) Effect of genotyping strategies on the sustained benefit of single-step genomic BLUP over multiple generations. *Genetics, selection, evolution : GSE*, 54(1), 23.

Zhang P, et al. (2022) Extreme conditions affect neuronal oscillations of cerebral cortices in humans in the China Space Station and on Earth. *Communications biology*, 5(1), 1041.

Guigay J, et al. (2022) Observational, prospective, phase 4 study in patients with first-line recurrent and/or metastatic squamous cell carcinoma of the head and neck treated with cetuximab and platinum-based therapy: DIRECT. *Cancer reports (Hoboken, N.J.)*, 5(2), e1467.

Zupa W, et al. (2021) Calibrating Accelerometer Tags with Oxygen Consumption Rate of Rainbow Trout (*Oncorhynchus mykiss*) and Their Use in Aquaculture Facility: A Case Study. *Animals : an open access journal from MDPI*, 11(6).

Botticelli A, et al. (2021) Weekly chemotherapy as first line treatment in frail head and neck cancer patients in the immunotherapy era. *Journal of translational medicine*, 19(1), 303.

Kanno H, et al. (2021) Designation Products: Boron Neutron Capture Therapy for Head and Neck Carcinoma. *The oncologist*, 26(7), e1250.