## **Resource Summary Report**

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# Northwestern University Electron Probe Instrumentation Center EPIC Core Facility

RRID:SCR\_026361

Type: Tool

#### **Proper Citation**

Northwestern University Electron Probe Instrumentation Center EPIC Core Facility (RRID:SCR\_026361)

#### Resource Information

URL: https://nuance.northwestern.edu/facilities/epic/

**Proper Citation:** Northwestern University Electron Probe Instrumentation Center EPIC Core Facility (RRID:SCR\_026361)

**Description:** Offers wide range of electron microscopy (both transmission and scanning), accessory instrumentation, and expertise to the scientific and engineering community through education, collaboration, and service. Provides facilities for preparation and examination of many types of bulk and thin specimens (foils/films), fine particles, and replicas, including biological materials, by transmission and scanning electron microscopy.

**Abbreviations:** EPIC

**Synonyms:**, Northwestern University Electron Probe Instrumentation Center - EPIC - part of NUANCE, Electron Probe Instrumentation Center - EPIC - part of NUANCE

Resource Type: core facility, access service resource, service resource

**Keywords:** ABRF, electron microscopy, transmission electron microscopy, scanning electron microscopy,

### Funding:

**Resource Name:** Northwestern University Electron Probe Instrumentation Center EPIC Core Facility

Resource ID: SCR\_026361

Alternate IDs: ABRF\_314

Alternate URLs: https://coremarketplace.org/?FacilityID=314&citation=1

**Record Creation Time:** 20250201T053323+0000

Record Last Update: 20250513T062657+0000

#### Ratings and Alerts

No rating or validation information has been found for Northwestern University Electron Probe Instrumentation Center EPIC Core Facility.

No alerts have been found for Northwestern University Electron Probe Instrumentation Center EPIC Core Facility.

#### Data and Source Information

Source: SciCrunch Registry

## **Usage and Citation Metrics**

We found 7 mentions in open access literature.

**Listed below are recent publications.** The full list is available at <u>NIF</u>.

Antwi SO, et al. (2024) Genome-wide DNA methylation markers associated with metabolic liver cancer. medRxiv: the preprint server for health sciences.

Betancor YZ, et al. (2024) A three-gene expression score for predicting clinical benefit to anti-PD-1 blockade in advanced renal cell carcinoma. Frontiers in immunology, 15, 1374728.

Polakkattil BK, et al. (2024) Methylome-wide and meQTL analysis helps to distinguish treatment response from non-response and pathogenesis markers in schizophrenia. Frontiers in psychiatry, 15, 1297760.

Tam PLF, et al. (2024) Cell-type differential targeting of SETDB1 prevents aberrant CTCF binding, chromatin looping, and cis-regulatory interactions. Nature communications, 15(1), 15.

Campbell KA, et al. (2024) Placental and Immune Cell DNA Methylation Reference Panel for Bulk Tissue Cell Composition Estimation in Epidemiological Studies. bioRxiv: the preprint server for biology.

Awada Z, et al. (2023) Waterpipe and cigarette epigenome analysis reveals markers implicated in addiction and smoking type inference. Environment international, 182, 108260.

Ma M, et al. (2021) Sustained androgen receptor signaling is a determinant of melanoma cell growth potential and tumorigenesis. The Journal of experimental medicine, 218(2).