

# Resource Summary Report

Generated by [nidm-terms](#) on Sep 21, 2026

## University of Ottawa Genome Editing and Molecular Biology Core Facility

RRID:SCR\_022954

Type: Tool

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### Proper Citation

University of Ottawa Genome Editing and Molecular Biology Core Facility  
(RRID:SCR\_022954)

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### Resource Information

**URL:** <https://www2.uottawa.ca/faculty-medicine/core-facilities/gem>

**Proper Citation:** University of Ottawa Genome Editing and Molecular Biology Core Facility (RRID:SCR\_022954)

**Description:** Facility assists researchers in mammalian genome editing and molecular biology, including CRISPR genetic libraries and screens as well as custom viral vector/particle production. Projects are customized to researchers needs, from full service cell line creation to design and cloning. Supported by Canadian Foundation for Innovation.

**Synonyms:** University of Ottawa UO-Genome Editing and Molecular Biology facility, UO-Genome Editing and Molecular Biology facility

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

**Keywords:** USEdit, ABRF, mammalian genome editing and molecular biology, CRISPR genetic libraries, custom viral vector/particle production

**Resource Name:** University of Ottawa Genome Editing and Molecular Biology Core Facility

**Resource ID:** SCR\_022954

**Alternate IDs:** ABRF\_1617

**Alternate URLs:** <https://coremarketplace.org/?FacilityID=1617&citation=1>

**Record Creation Time:** 20221110T050155+0000

**Record Last Update:** 20260919T195953+0000

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### Ratings and Alerts

No rating or validation information has been found for University of Ottawa Genome Editing and Molecular Biology Core Facility.

No alerts have been found for University of Ottawa Genome Editing and Molecular Biology Core Facility.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 8 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [nidm-terms](#).

Xue Y, et al. (2026) Translation in proximity to forming autophagosomes during sustained autophagy. Nature communications, 17(1).

Lin YC, et al. (2026) CRISPR screening identifies TRIM27 as a destabilizer of the Smith-Magenis syndrome protein RAI1. Genetics, 233(3).

Suk TR, et al. (2025) A stress-dependent TDP-43 SUMOylation program preserves neuronal function. Molecular neurodegeneration, 20(1), 38.

Akuma M, et al. (2025) Loss of VHL-mediated pRb regulation promotes clear cell renal cell carcinoma. Cell death & disease, 16(1), 307.

Losier TT, et al. (2025) Identification of organelle-specific autophagy regulators from tandem CRISPR screens. The Journal of cell biology, 224(10).

Dias AP, et al. (2024) SLMAP3 is crucial for organogenesis through mechanisms involving primary cilia formation. Open biology, 14(10), rsob240206.

Minarrieta L, et al. (2024) Mitochondrial elongation impairs breast cancer metastasis. Science advances, 10(45), eadm8212.

Dias AP, et al. (2024) Tail-anchored membrane protein SLMAP3 is essential for targeting centrosomal proteins to the nuclear envelope in skeletal myogenesis. Open biology, 14(10), 240094.