

Resource Summary Report

Generated by [NIF](#) on Aug 11, 2026

University of Ottawa Genome Editing and Molecular Biology Core Facility

RRID:SCR_022954

Type: Tool

Proper Citation

University of Ottawa Genome Editing and Molecular Biology Core Facility
(RRID:SCR_022954)

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: core facility, access service resource, 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: 20260811T043714+0000

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.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

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.