Resource Summary Report

Generated by ASWG on Aug 23, 2026

Peter MacCallum Cancer Centre Victorian Centre for Functional Genomics Core Facility

RRID:SCR_025582
Type: Tool

Proper Citation

Peter MacCallum Cancer Centre Victorian Centre for Functional Genomics Core Facility (RRID:SCR_025582)

Resource Information

URL: https://www.petermac.org/research/research-technologies/victorian-centre-functional-genomics-vcfg

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Description: Core to perform novel discovery-based high throughput compound, CRISPR and RNAi screens at any scale in both 2D and 3D formats, using liquid handling instruments, automated high content imaging microscopes, live imaging systems and large reagent libraries.

Synonyms: , Peter MacCallum Cancer Centre Victorian Centre for Functional Genomics, Victorian Centre for Functional Genomics

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

Keywords: CRISPR and RNAi screens, liquid handling instruments, automated high content imaging microscopes, live imaging systems, reagent libraries,

Availability: Open

Resource Name: Peter MacCallum Cancer Centre Victorian Centre for Functional Genomics Core Facility

Resource ID: SCR_025582

Alternate IDs: ABRF_2888

Alternate URLs: https://coremarketplace.org/?FacilityID=2888&citation=1

Record Creation Time: 20240806T053245+0000

Record Last Update: 20260821T194331+0000

Ratings and Alerts

No rating or validation information has been found for Peter MacCallum Cancer Centre Victorian Centre for Functional Genomics Core Facility.

No alerts have been found for Peter MacCallum Cancer Centre Victorian Centre for Functional Genomics 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 ASWG .

Buco PAV, et al. (2026) Minute amounts of helicase-deficient truncated RECQL4 are sufficient for DNA replication. EMBO reports, 27(7), 1759.

de Menezes MN, et al. (2026) High efficiency CRISPR knock-in demonstrates that TCF1 is insufficient to reverse T cell exhaustion. Nature communications, 17(1).

Lai J, et al. (2026) Flt3L-mediated tumor cDC1 expansion enhances immunotherapy by priming stem-like CD8+ T cells in lymph nodes. Nature immunology, 27(3), 530.

Bao SC, et al. (2026) A scalable, multi-resolution consensus clustering approach for prioritizing robust signals from high-throughput screens. Briefings in bioinformatics, 27(3).

Zhang X, et al. (2025) Optimised modular anti-FLAG CAR T cells for solid tumor therapy. Clinical & translational immunology, 14(8), e70046.

Chen AXY, et al. (2025) Rewiring endogenous genes in CAR T cells for tumour-restricted payload delivery. Nature, 644(8075), 241.

Buco PAV, et al. (2025) Minute amounts of helicase-deficient truncated RECQL4 are sufficient for DNA replication. bioRxiv : the preprint server for biology.

Pishas KI, et al. (2024) High-throughput drug screening identifies novel therapeutics for Low Grade Serous Ovarian Carcinoma. Scientific data, 11(1), 1024.