

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 1, 2026

OMTools

RRID:SCR_017143

Type: Tool

Proper Citation

OMTools (RRID:SCR_017143)

Resource Information

URL: <https://github.com/aldenleung/OMTools>

Proper Citation: OMTools (RRID:SCR_017143)

Description: Software package for optical mapping data processing, analysis and visualization. Used to handle and explore large scale optical mapping profiles.

Resource Type: image analysis software, data visualization software, software toolkit, data analysis software, alignment software, software application, software resource, data processing software

Defining Citation: [PMID:28505226](#)

Keywords: optical, mapping, data, processing, analysis, visualization, large, scale, profile, phylogenesis

Funding: Food and Health Bureau of the Hong Kong Special Administrative Region ;
Chinese University of Hong Kong ;
HKSAR Research Grants Council ;
Lo Kwee-Seong Biomedical Research Fund ;
Lee Hysan Foundation

Availability: Free, Available for download, Freely available

Resource Name: OMTools

Resource ID: SCR_017143

License: GPL

Record Creation Time: 20220129T080333+0000

Record Last Update: 20260801T042805+0000

Ratings and Alerts

No rating or validation information has been found for OMTools.

No alerts have been found for OMTools.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Leung AK, et al. (2019) OMMA enables population-scale analysis of complex genomic features and phylogenomic relationships from nanochannel-based optical maps. GigaScience, 8(7).

Thurtell MJ, et al. (2010) Effects of acetazolamide on infantile nystagmus syndrome waveforms: comparisons to contact lenses and convergence in a well-studied subject. The open ophthalmology journal, 4, 42.