

Resource Summary Report

Generated by [NIF](#) on Aug 9, 2026

POLYPHEMUS

RRID:SCR_010870

Type: Tool

Proper Citation

POLYPHEMUS (RRID:SCR_010870)

Resource Information

URL: http://archive.igbmc.fr/recherche/Prog_FGC/Eq_HGron/Polyphemus.html

Proper Citation: POLYPHEMUS (RRID:SCR_010870)

Description: R package for comparative analysis of RNA Polymerase II ChIP-Seq profiles by non-linear normalization.

Abbreviations: POLYPHEMUS

Resource Type: software resource

Defining Citation: [PMID:22156059](#)

Resource Name: POLYPHEMUS

Resource ID: SCR_010870

Alternate IDs: OMICS_00468

Record Creation Time: 20220129T080301+0000

Record Last Update: 20260808T185939+0000

Ratings and Alerts

No rating or validation information has been found for POLYPHEMUS.

No alerts have been found for POLYPHEMUS.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Lindroth RL, et al. (2024) Forest defoliation by an invasive outbreak insect: Catastrophic consequences for a charismatic mega moth. *Ecology and evolution*, 14(8), e70046.

Smith G, et al. (2022) Human follicular mites: Ectoparasites becoming symbionts. *Molecular biology and evolution*, 39(6).

Golosheykin SA, et al. (2021) Feasibility and Challenges of Performing Magnetoencephalography Experiments in Children With Arthrogryposis Multiplex Congenita. *Frontiers in pediatrics*, 9, 626734.

Sehadova H, et al. (2021) The Filippi's Glands of Giant Silk Moths: To Be or Not to Be? *Insects*, 12(11).

Haines GE, et al. (2020) Adding the third dimension to studies of parallel evolution of morphology and function: An exploration based on parapatric lake-stream stickleback. *Ecology and evolution*, 10(23), 13297.

Minet L, et al. (2020) Quantifying the air quality and health benefits of greening freight movements. *Environmental research*, 183, 109193.

Chu HL, et al. (2020) Antimicrobial Peptides with Enhanced Salt Resistance and Antiendotoxin Properties. *International journal of molecular sciences*, 21(18).

Funikov SY, et al. (2018) Spontaneous gain of susceptibility suggests a novel mechanism of resistance to hybrid dysgenesis in *Drosophila virilis*. *PLoS genetics*, 14(5), e1007400.

Blumenstiel JP, et al. (2014) Whole genome sequencing in *Drosophila virilis* identifies Polyphemus, a recently activated Tc1-like transposon with a possible role in hybrid dysgenesis. *Mobile DNA*, 5(1), 6.

Mendoza-Parra MA, et al. (2012) POLYPHEMUS: R package for comparative analysis of RNA polymerase II ChIP-seq profiles by non-linear normalization. *Nucleic acids research*, 40(4), e30.

Mendoza-Parra MA, et al. (2011) Dissecting the retinoid-induced differentiation of F9 embryonal stem cells by integrative genomics. *Molecular systems biology*, 7, 538.

Tingaud-Sequeira A, et al. (2009) New insights into molecular pathways associated with flatfish ovarian development and atresia revealed by transcriptional analysis. *BMC genomics*, 10, 434.