

Resource Summary Report

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PipMaker and MultiPipMaker

RRID:SCR_011806

Type: Tool

Proper Citation

PipMaker and MultiPipMaker (RRID:SCR_011806)

Resource Information

URL: <http://pipmaker.bx.psu.edu/pipmaker/>

Proper Citation: PipMaker and MultiPipMaker (RRID:SCR_011806)

Description: PipMaker computes alignments of similar regions in two DNA sequences. Moreover, MultiPipMaker can be requested to compute a true multiple alignment of the input sequences and return a nucleotide-level view of the results.

Abbreviations: PipMaker and MultiPipMaker

Resource Type: software resource

Resource Name: PipMaker and MultiPipMaker

Resource ID: SCR_011806

Alternate IDs: OMICS_00944

Record Creation Time: 20220129T080306+0000

Record Last Update: 20260801T190430+0000

Ratings and Alerts

No rating or validation information has been found for PipMaker and MultiPipMaker.

No alerts have been found for PipMaker and MultiPipMaker.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 78 mentions in open access literature.

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

Kobayashi H, et al. (2025) Post-fertilization transcription initiation in an ancestral LTR retrotransposon drives lineage-specific genomic imprinting of ZDBF2. *eLife*, 13.

Zhang Y, et al. (2025) CRISPRi screen identifies FprB as a synergistic target for gallium therapy in *Pseudomonas aeruginosa*. *Nature communications*, 16(1), 5870.

Jia X, et al. (2025) Codon usage patterns and genomic variation analysis of chloroplast genomes provides new insights into the evolution of Aroideae. *Scientific reports*, 15(1), 4333.

Romero RD, et al. (2025) Evolution of Pineal Nonvisual Opsins in Lizards and the Tuatara and Identification of Lepidopsin: A New Opsin Gene. *Genome biology and evolution*, 17(5).

Gätjens-Boniche O, et al. (2023) Microbiome and plant cell transformation trigger insect gall induction in cassava. *Frontiers in plant science*, 14, 1237966.

Ranz JM, et al. (2022) Multiscale analysis of the randomization limits of the chromosomal gene organization between Lepidoptera and Diptera. *Proceedings. Biological sciences*, 289(1967), 20212183.

Peters LM, et al. (2022) Identification of regenerating island-derived protein 3E in dogs. *Frontiers in veterinary science*, 9, 1010809.

Massari S, et al. (2021) The Genomic Organisation of the TRA/TRD Locus Validates the Peculiar Characteristics of Dromedary γ -Chain Expression. *Genes*, 12(4).

Linguiti G, et al. (2021) The T Cell Receptor (TRB) Locus in *Tursiops truncatus*: From Sequence to Structure of the Alpha/Beta Heterodimer in the Human/Dolphin Comparison. *Genes*, 12(4).

Darshetkar AM, et al. (2021) Plastome analysis unveils Inverted Repeat (IR) expansion and positive selection in Sea Lavenders (*Limonium*, Plumbaginaceae, Limonioideae, Limonieae). *PhytoKeys*, 175, 89.

Maurya S, et al. (2020) Plastome comparison and evolution within the tribes of Plantaginaceae: Insights from an Asian gypsyweed. *Saudi journal of biological sciences*, 27(12), 3489.

Giannico F, et al. (2020) The expansion of the TRB and TRG genes in domestic goats (*Capra hircus*) is characteristic of the ruminant species. *BMC genomics*, 21(1), 623.

Antonacci R, et al. (2020) Comprehensive genomic analysis of the dromedary T cell receptor gamma (TRG) locus and identification of a functional TRGC5 cassette. *Developmental and comparative immunology*, 106, 103614.

Suzuki N, et al. (2019) Arid3a regulates nephric tubule regeneration via evolutionarily conserved regeneration signal-response enhancers. *eLife*, 8.

Ashraf A, et al. (2019) Evolution of Deeper Rooting 1-like homoeologs in wheat entails the C-terminus mutations as well as gain and loss of auxin response elements. *PloS one*, 14(4), e0214145.

Ogawa Y, et al. (2018) Mapping of a responsible region for sex reversal upstream of Sox9 by production of mice with serial deletion in a genomic locus. *Scientific reports*, 8(1), 17514.

Antonacci R, et al. (2017) The occurrence of three D-J-C clusters within the dromedary TRB locus highlights a shared evolution in Tylopoda, Ruminantia and Suina. *Developmental and comparative immunology*, 76, 105.

Maharana SK, et al. (2017) Identification of novel cis-regulatory elements of Eya1 in *Xenopus laevis* using BAC recombineering. *Scientific reports*, 7(1), 15033.

Saito T, et al. (2017) Deletion of conserved sequences in IG-DMR at Dlk1-Gtl2 locus suggests their involvement in expression of paternally expressed genes in mice. *The Journal of reproduction and development*, 63(1), 101.

Gaborieau L, et al. (2016) Comparative genomic analysis of the compound Brassica napus Rf locus. *BMC genomics*, 17(1), 834.