

Resource Summary Report

Generated by [ASWG](#) on Aug 2, 2026

Quake

RRID:SCR_011839

Type: Tool

Proper Citation

Quake (RRID:SCR_011839)

Resource Information

URL: <http://www.cbcb.umd.edu/software/quake/>

Proper Citation: Quake (RRID:SCR_011839)

Description: A software package to correct substitution sequencing errors in experiments with deep coverage (e.g. >15X), specifically intended for Illumina sequencing reads.

Abbreviations: Quake

Resource Type: software resource

Resource Name: Quake

Resource ID: SCR_011839

Alternate IDs: OMICS_01106

Record Creation Time: 20220129T080307+0000

Record Last Update: 20260801T190430+0000

Ratings and Alerts

No rating or validation information has been found for Quake.

No alerts have been found for Quake.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 80 mentions in open access literature.

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

Ahn S, et al. (2025) Experiences of Mental Health Nurses in Providing Care to Patients Receiving Electroconvulsive Therapy in South Korea. *International journal of mental health nursing*, 34(1), e13423.

Vignale FA, et al. (2025) Yerba mate (*Ilex paraguariensis*) genome provides new insights into convergent evolution of caffeine biosynthesis. *eLife*, 14.

Villarreal F, et al. (2024) Genome sequencing and analysis of black flounder (*Paralichthys orbignyanus*) reveals new insights into Pleuronectiformes genomic size and structure. *BMC genomics*, 25(1), 297.

He J, et al. (2024) Integrative and conjugative elements of *Pasteurella multocida*: Prevalence and signatures in population evolution. *Virulence*, 15(1), 2359467.

Wang H, et al. (2024) Enrichment of novel entomopathogenic *Pseudomonas* species enhances willow resistance to leaf beetles. *Microbiome*, 12(1), 169.

Coates BS, et al. (2023) A draft *Diabrotica virgifera virgifera* genome: insights into control and host plant adaption by a major maize pest insect. *BMC genomics*, 24(1), 19.

Li F, et al. (2023) A phylogenomic analysis of *Limosilactobacillus reuteri* reveals ancient and stable evolutionary relationships with rodents and birds and zoonotic transmission to humans. *BMC biology*, 21(1), 53.

Chaturvedi A, et al. (2023) The hologenome of *Daphnia magna* reveals possible DNA methylation and microbiome-mediated evolution of the host genome. *Nucleic acids research*, 51(18), 9785.

Wang Q, et al. (2022) A Unique Set of Auxiliary Metabolic Genes Found in an Isolated Cyanophage Sheds New Light on Marine Phage-Host Interactions. *Microbiology spectrum*, 10(5), e0236722.

Pickett BD, et al. (2022) Genome assembly of the roundjaw bonefish (*Albula glossodonta*), a vulnerable circumtropical sportfish. *GigaByte (Hong Kong, China)*, 2022, gigabyte44.

Cong Q, et al. (2021) Genomics Reveals the Origins of Historical Specimens. *Molecular biology and evolution*, 38(5), 2166.

Alm Rosenblad M, et al. (2021) Genomic Characterization of the Barnacle *Balanus improvisus* Reveals Extreme Nucleotide Diversity in Coding Regions. *Marine biotechnology (New York, N.Y.)*, 23(3), 402.

Fouks B, et al. (2021) The genomic basis of evolutionary differentiation among honey bees. *Genome research*, 31(7), 1203.

Wan X, et al. (2021) The *Aphelenchus avenae* genome highlights evolutionary adaptation to desiccation. *Communications biology*, 4(1), 1232.

Fakankun I, et al. (2021) Genome Sequence Analysis of the Oleaginous Yeast, *Rhodotorula diobovata*, and Comparison of the Carotenogenic and Oleaginous Pathway Genes and Gene Products with Other Oleaginous Yeasts. *Journal of fungi* (Basel, Switzerland), 7(4).

DeBiasse MB, et al. (2020) Inferring Tunicate Relationships and the Evolution of the Tunicate Hox Cluster with the Genome of *Corella inflata*. *Genome biology and evolution*, 12(6), 948.

Kitay B, et al. (2020) Electroconvulsive Therapy: a Video-Based Educational Resource Using Standardized Patients. *Academic psychiatry : the journal of the American Association of Directors of Psychiatric Residency Training and the Association for Academic Psychiatry*, 44(5), 531.

Russell SL, et al. (2020) Horizontal transmission and recombination maintain forever young bacterial symbiont genomes. *PLoS genetics*, 16(8), e1008935.

Zhu D, et al. (2019) Comparative analysis reveals the Genomic Islands in *Pasteurella multocida* population genetics: on Symbiosis and adaptability. *BMC genomics*, 20(1), 63.

Ernst O, et al. (2019) Exclusive Temporal Stimulation of IL-10 Expression in LPS-Stimulated Mouse Macrophages by cAMP Inducers and Type I Interferons. *Frontiers in immunology*, 10, 1788.