Resource Summary Report

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PerM

RRID:SCR_004223
Type: Tool

Proper Citation

PerM (RRID:SCR_004223)

Resource Information

URL: http://code.google.com/p/perm/

Proper Citation: PerM (RRID:SCR_004223)

Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on February 28,2023. Software package to perform highly efficient genome scale alignments for hundreds of millions of short reads produced by the ABI SOLiD and Illumina sequencing platforms. It capable of providing full sensitivity for alignments within 4 mismatches for 50bp SOLID reads and 9 mismatches for 100bp Illumina reads.Efficient mapping of short sequencing reads with periodic full sensitive spaced seeds.

Synonyms: PERiodic seed Mapping, Periodic seed Mapping

Resource Type: software resource

Defining Citation: PMID:19675096, DOI:10.1093/bioinformatics/btp486

Keywords: Short sequencing mapping, short sequencing read, next-generation sequencing, genome, alignment, short read, abi, solid, illumina, , bio.tools

Funding:

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: PerM

Resource ID: SCR_004223

Alternate IDs: OMICS_00675, biotools:perm

Alternate URLs: https://bio.tools/perm, https://sources.debian.org/src/perm/

License: Apache License, v2

Record Creation Time: 20220129T080223+0000

Record Last Update: 20250410T065136+0000

Ratings and Alerts

No rating or validation information has been found for PerM.

No alerts have been found for PerM.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 59 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Polder KD, et al. (2025) Nonablative Fractional Diode Laser Resurfacing (1440 nm and 1927 nm) for Photoaged Skin. Dermatologic surgery : official publication for American Society for Dermatologic Surgery [et al.], 51(1), 52.

Zhou M, et al. (2024) BMAL2 promotes eCIRP-induced macrophage endotoxin tolerance. Frontiers in immunology, 15, 1426682.

McDonald J, et al. (2024) Predicting Ion Sequestration in Charged Polymers with the Steepest-Entropy-Ascent Quantum Thermodynamic Framework. Nanomaterials (Basel, Switzerland), 14(5).

Gao Z, et al. (2024) Mediators between body mass index and atrial fibrillation: a Mendelian randomization study. Frontiers in nutrition, 11, 1369594.

Li Y, et al. (2024) Genomic insights into redox-driven microbial processes for carbon decomposition in thawing Arctic soils and permafrost. mSphere, 9(7), e0025924.

Yang T, et al. (2024) Dietary nucleic acids promote oral tolerance through innate sensing pathways in mice. Nature communications, 15(1), 9461.

Tanoue K, et al. (2024) Spatial dynamics of CD39+CD8+ exhausted T cell reveal tertiary lymphoid structures-mediated response to PD-1 blockade in esophageal cancer. Nature

communications, 15(1), 9033.

van der Sluis TC, et al. (2023) OX40 agonism enhances PD-L1 checkpoint blockade by shifting the cytotoxic T cell differentiation spectrum. Cell reports. Medicine, 4(3), 100939.

Ovchinnikov KA, et al. (2023) A Prototype for a Passive Resonant Interferometric Fiber Optic Gyroscope with a 3 × 3 Directional Coupler. Sensors (Basel, Switzerland), 23(3).

Chia NH, et al. (2023) Stiff person spectrum disorder diagnosis, misdiagnosis, and suggested diagnostic criteria. Annals of clinical and translational neurology, 10(7), 1083.

Arnolds KL, et al. (2023) Disruption of Genes Encoding Putative Zwitterionic Capsular Polysaccharides of Diverse Intestinal Bacteroides Reduces the Induction of Host Anti-Inflammatory Factors. Microbial ecology, 85(4), 1620.

Riffelmacher T, et al. (2023) Divergent metabolic programmes control two populations of MAIT cells that protect the lung. Nature cell biology, 25(6), 877.

Martins Nascentes Melo L, et al. (2023) Glucocorticoid activation by HSD11B1 limits T cell-driven interferon signaling and response to PD-1 blockade in melanoma. Journal for immunotherapy of cancer, 11(4).

Choe KY, et al. (2022) Oxytocin normalizes altered circuit connectivity for social rescue of the Cntnap2 knockout mouse. Neuron, 110(5), 795.

Decano JL, et al. (2022) A disease-driver population within interstitial cells of human calcific aortic valves identified via single-cell and proteomic profiling. Cell reports, 39(2), 110685.

Brill S, et al. (2022) Short- and long-term effects of conventional spinal cord stimulation on chronic pain and health perceptions: A longitudinal controlled trial. European journal of pain (London, England), 26(9), 1849.

Smith C, et al. (2021) Uncovering the Bone-Muscle Interaction and Its Implications for the Health and Function of Older Adults (the Wellderly Project): Protocol for a Randomized Controlled Crossover Trial. JMIR research protocols, 10(4), e18777.

Carvajal-González A, et al. (2021) Systemic delivery of human GlyR IgG antibody induces GlyR internalization into motor neurons of brainstem and spinal cord with motor dysfunction in mice. Neuropathology and applied neurobiology, 47(2), 316.

Gilchuk P, et al. (2020) Analysis of a Therapeutic Antibody Cocktail Reveals Determinants for Cooperative and Broad Ebolavirus Neutralization. Immunity, 52(2), 388.

Muenchhoff M, et al. (2020) Distinct Immunoglobulin Fc Glycosylation Patterns Are Associated with Disease Nonprogression and Broadly Neutralizing Antibody Responses in Children with HIV Infection. mSphere, 5(6).