

Resource Summary Report

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SHREC

RRID:SCR_013009

Type: Tool

Proper Citation

SHREC (RRID:SCR_013009)

Resource Information

URL: <http://sourceforge.net/projects/shrec-ec/>

Proper Citation: SHREC (RRID:SCR_013009)

Description: A bioinformatics tool for error correction of HTS read data.

Abbreviations: SHREC

Resource Type: software resource

Resource Name: SHREC

Resource ID: SCR_013009

Alternate IDs: OMICS_01110

Record Creation Time: 20220129T080313+0000

Record Last Update: 20260725T190741+0000

Ratings and Alerts

No rating or validation information has been found for SHREC.

No alerts have been found for SHREC.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Pungitore SA, et al. (2025) SHREC: A Framework for Advancing Next-Generation Computational Phenotyping with Large Language Models. ArXiv.

Chaillet ML, et al. (2025) pytom-match-pick: A tophat-transform constraint for automated classification in template matching. Journal of structural biology: X, 11, 100125.

Scott OB, et al. (2022) Classification of Protein-Binding Sites Using a Spherical Convolutional Neural Network. Journal of chemical information and modeling, 62(22), 5383.

Li R, et al. (2020) Few-shot learning for classification of novel macromolecular structures in cryo-electron tomograms. PLoS computational biology, 16(11), e1008227.

Ghiandoni GM, et al. (2020) Enhancing reaction-based de novo design using a multi-label reaction class recommender. Journal of computer-aided molecular design, 34(7), 783.

Qin X, et al. (2020) Simultaneous tracking of two motor domains reveals near simultaneous steps and stutter steps of myosin 10 on actin filament bundles. Biochemical and biophysical research communications.

Chen X, et al. (2019) MFA-Net: Motion Feature Augmented Network for Dynamic Hand Gesture Recognition from Skeletal Data. Sensors (Basel, Switzerland), 19(2).

Kong J, et al. (2019) GAAP: A Genome Assembly + Annotation Pipeline. BioMed research international, 2019, 4767354.

Bai J, et al. (2019) Deep Common Semantic Space Embedding for Sketch-Based 3D Model Retrieval. Entropy (Basel, Switzerland), 21(4).

Laehnemann D, et al. (2016) Denoising DNA deep sequencing data-high-throughput sequencing errors and their correction. Briefings in bioinformatics, 17(1), 154.

Magidson V, et al. (2016) Unattached kinetochores rather than intrakinetochore tension arrest mitosis in taxol-treated cells. The Journal of cell biology, 212(3), 307.

Iwaki M, et al. (2016) A programmable DNA origami nanospring that reveals force-induced adjacent binding of myosin VI heads. Nature communications, 7, 13715.

El-Metwally S, et al. (2013) Next-generation sequence assembly: four stages of data processing and computational challenges. PLoS computational biology, 9(12), e1003345.