

Resource Summary Report

Generated by RRID on Aug 4, 2026

Visual Statistics Group

RRID:SCR_008317

Type: Tool

Proper Citation

Visual Statistics Group (RRID:SCR_008317)

Resource Information

URL: <http://www.uv.es/vista/vistavalencia/>

Proper Citation: Visual Statistics Group (RRID:SCR_008317)

Description: The general goal is to achieve a deeper understanding of natural image statistics because from this knowledge it should be possible to explain the behavior of the visual cortex and propose new alternatives in a number of applications in image processing and computer vision in which the basic problem is the choice of an appropriate signal representation. The range of basic and applied topics in which we are currently working include: * Mathematical models of human vision * Statistical image models * Image distortion metrics * Image coding * Motion estimation * Video coding * Image restoration * Color representation

Synonyms: VISTA

Resource Type: organization portal, data or information resource, portal

Keywords: behavior, color, cortex, human, mathematical, natural, statistic, visual, image

Resource Name: Visual Statistics Group

Resource ID: SCR_008317

Alternate IDs: nif-0000-24683

Record Creation Time: 20220129T080246+0000

Record Last Update: 20260803T040530+0000

Ratings and Alerts

No rating or validation information has been found for Visual Statistics Group.

No alerts have been found for Visual Statistics Group.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 426 mentions in open access literature.

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

Smorodinsky-Atias K, et al. (2026) On the same side: VISTA and its ligands interact in cis on the cell surface. Protein science : a publication of the Protein Society, 35(1), e70415.

Bower G, et al. (2025) Range extender mediates long-distance enhancer activity. Nature, 643(8072), 830.

Yu M, et al. (2025) Integrative analysis of the 3D genome and epigenome in mouse embryonic tissues. Nature structural & molecular biology, 32(3), 479.

Sospedra-Arrufat I, et al. (2025) Epigenomic signatures of cis-regulatory elements in the developing mouse and pig forelimb. Scientific data, 12(1), 598.

Liu T, et al. (2025) VISTA Uncovers Missing Gene Expression and Spatial-induced Information for Spatial Transcriptomic Data Analysis. Research square.

Zhu Q, et al. (2025) Clinical efficacy of vestibular incision subperiosteal tunnel access (VISTA) for the treatment of gingival recession: a systematic review and meta-analysis. BMC oral health, 25(1), 1497.

Chen Z, et al. (2025) The effects of vestibular vertical incisions on the tunnel technique: a randomized clinical trial for the treatment of Recession Type 1 single gingival recessions. BMC oral health, 25(1), 278.

Sun L, et al. (2025) Feedback regulation of VISTA and Treg by TNF- α controls T cell responses in drug allergy. Allergy, 80(5), 1400.

Zhang ?? T, et al. (2025) VISTA: A Tool for Fast Taxonomic Assignment of Viral Genome Sequences. Genomics, proteomics & bioinformatics, 23(1).

Wolfe Z, et al. (2025) Deep transcriptomics reveals cell-specific isoforms of pan-neuronal genes. Nature communications, 16(1), 4507.

Liu T, et al. (2025) spRefine Denoises and Imputes Spatial Transcriptomics with a Reference-Free Framework Powered by Genomic Language Model. bioRxiv : the preprint server for biology.

Nielsen T, et al. (2025) Functional analysis across model systems implicates ribosomal proteins in growth and proliferation defects associated with hypoplastic left heart syndrome. eLife, 14.

Sats N, et al. (2025) There is no transfer of mitochondria from donor hematopoietic cells to recipient mesenchymal stromal cells after allogeneic hematopoietic stem cells transplantation in humans. *Hematology, transfusion and cell therapy*, 47(3), 103859.

Jones CH, et al. (2025) Framework to identify innovative sources of value creation from platform technologies. *Proceedings of the National Academy of Sciences of the United States of America*, 122(21), e2424665122.

Escobar-Prieto JD, et al. (2025) Microbial diversity and functional potential of the *Halobates melleus* (Heteroptera: Gerridae) microbiome from the Red Sea coastline. *Environmental microbiome*, 20(1), 103.

Sun Y, et al. (2025) VISTA Alleviates Microglia-Mediated Neuroinflammation After Cerebral Ischemia-Reperfusion Injury via Regulating ACOD1/Itaconic Acid Metabolism. *Molecular neurobiology*, 62(10), 13430.

De Luca D, et al. (2025) The plastid genome of the critically endangered *Valeriana trinervis* (= *Centranthus trinervis*) and insights from comparison with other *Valeriana* plastomes (Caprifoliaceae). *Planta*, 262(4), 100.

Mannens CCA, et al. (2025) Chromatin accessibility during human first-trimester neurodevelopment. *Nature*, 647(8088), 179.

Lo Tartaro D, et al. (2025) Metabolically activated and highly polyfunctional intratumoral VISTA+ regulatory B cells are associated with tumor recurrence in early-stage NSCLC. *Molecular cancer*, 24(1), 16.

Ishiguchi H, et al. (2025) Initial blood pressure and adverse cardiac events following acute ischaemic stroke: An individual patient data pooled analysis from the VISTA database. *European stroke journal*, 10(2), 469.