

# Resource Summary Report

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## SPOT

RRID:SCR\_005623

Type: Tool

### Proper Citation

SPOT (RRID:SCR\_005623)

### Resource Information

**URL:** [http://www.hca-vision.com/product\\_spot.html](http://www.hca-vision.com/product_spot.html)

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**Description:** Software package for analysis of microarray images. Microarray spot detection and characterization software package which extracts numerical information from cDNA microarrays., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

**Resource Type:** data processing software, image analysis software, software application, software resource, software toolkit

**Keywords:** microarray, cdna microarray, cdna, image, spot detection, microarray spot detection

**Availability:** THIS RESOURCE IS NO LONGER IN SERVICE

**Resource Name:** SPOT

**Resource ID:** SCR\_005623

**Alternate IDs:** OMICS\_00847

**License:** License Agreement

**Record Creation Time:** 20220129T080231+0000

**Record Last Update:** 20260821T193736+0000

### Ratings and Alerts

No rating or validation information has been found for SPOT.

No alerts have been found for SPOT.

## Data and Source Information

**Source:** [SciCrunch Registry](#)

## Usage and Citation Metrics

We found 300 mentions in open access literature.

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

Su H, et al. (2025) Targeting PGM3 abolishes SREBP-1 activation-hexosamine synthesis feedback regulation to effectively suppress brain tumor growth. *Science advances*, 11(16), eadq0334.

Wang C, et al. (2025) Benchmarking the translational potential of spatial gene expression prediction from histology. *Nature communications*, 16(1), 1544.

Kroll A, et al. (2025) DeepMolecules: a web server for predicting enzyme and transporter-small molecule interactions. *Nucleic acids research*, 53(W1), W213.

Trepicchio C, et al. (2025) DDR1 regulates RUNX1-CBF $\beta$  to control breast stem cell differentiation. *Stem cell reports*, 20(8), 102576.

Miller IB, et al. (2025) The Needle in the Haystack: Uncovering the First Whale Shark (*Rhincodon typus*) Aggregation in the Coral Sea. *Ecology and evolution*, 15(6), e71552.

Chou HD, et al. (2025) Sub-Perfluorocarbon Ophthalmic Viscoelastic Injection (SPOT) technique for macular hole retinal detachment surgery. *BMC ophthalmology*, 25(1), 190.

Liu F, et al. (2025) Laser arc weak coupling achieves porosity free welding and stable droplet transfer for high nitrogen steel. *Scientific reports*, 15(1), 9474.

Sánchez-Carbonel JF, et al. (2025) Surgical preferences in anterior cruciate ligament reconstruction: A cross-sectional study in a low-middle income country. *PloS one*, 20(7), e0327966.

Ginting FI, et al. (2025) High-resolution maps of rice cropping intensity across Southeast Asia. *Scientific data*, 12(1), 1408.

Snow M, et al. (2025) An Elongator mouse model of ALS spotlights TDP-43 in the motor neuron nucleolus. *Communications biology*, 8(1), 1259.

Jellema M, et al. (2025) Patient's Perspective and Change in Quality of Life After Stapes Surgery: A Multicenter Prospective Trial. *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*, 173(3), 697.

Richard T, et al. (2025) Improved and Automated Detection of Papillary Muscle Infarction Using Joint Bright- and Black-Blood Late Gadolinium Enhancement MRI. *Journal of magnetic resonance imaging : JMRI*, 62(3), 827.

Pandey S, et al. (2025) Genetic Factors Linking Nucleolar Stress with R2 Retrotransposon Expression in *Drosophila melanogaster*. *International journal of molecular sciences*, 26(12).

Dathathri E, et al. (2025) PSA Secretion from Single Circulating Tumor Cells of Metastatic Castration-Naïve Prostate Cancer Patients. *Cancer research communications*, 5(8), 1359.

Roberts APE, et al. (2025) Daxx mediated histone H3.3 deposition on HSV-1 DNA restricts genome decompaction and the progression of immediate-early transcription. *PLoS pathogens*, 21(8), e1012501.

Hyland V, et al. (2025) Ccn2a acts downstream of cx43 to influence joint formation during zebrafish fin regeneration. *Biology open*, 14(2).

Ortiz-Vasco CC, et al. (2024) The stringent response regulates the poly- $\gamma$ -hydroxybutyrate (PHB) synthesis in *Azotobacter vinelandii*. *PloS one*, 19(4), e0299640.

Wang Y, et al. (2024) Mutations in nuclear genes encoding mitochondrial ribosome proteins restore pollen fertility in S male-sterile maize. *G3 (Bethesda, Md.)*, 14(10).

Al Fryan LH, et al. (2024) Assessment of the 'students' perceptions of education using Dundee Ready Environment Educational Measure (DREEM) inventory at Princess Nora bint Abdulrahman University, Saudi Arabia. *BMC medical education*, 24(1), 928.

Lee CYC, et al. (2024) Tumour-retained activated CCR7+ dendritic cells are heterogeneous and regulate local anti-tumour cytolytic activity. *Nature communications*, 15(1), 682.