

Resource Summary Report

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Agilent Feature Extraction Software

RRID:SCR_014963

Type: Tool

Proper Citation

Agilent Feature Extraction Software (RRID:SCR_014963)

Resource Information

URL: <http://www.genomics.agilent.com/en/Microarray-Scanner-Processing-Hardware/Feature-Extraction-Software/?cid=AG-PT-144&tabId=AG-PR-1050>

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Description: Software that automatically reads and processes up to 100 raw microarray image files. The software finds and places microarray grids, rejects outlier pixels, accurately determines feature intensities and ratios, flags outlier pixels, and calculates statistical confidences.

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

Keywords: microarray image file, feature extraction, image analysis, image

Availability: Commercially available, Noncommercial, Available for purchase, License required, License required for commercial use

Resource Name: Agilent Feature Extraction Software

Resource ID: SCR_014963

Record Creation Time: 20220129T080323+0000

Record Last Update: 20260819T044408+0000

Ratings and Alerts

No rating or validation information has been found for Agilent Feature Extraction Software.

No alerts have been found for Agilent Feature Extraction Software.

Data and Source Information

Usage and Citation Metrics

We found 1488 mentions in open access literature.

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

Kobayashi A, et al. (2026) tRNA-derived fragments elevated in Alzheimer's disease promote Tau aggregation. bioRxiv : the preprint server for biology.

Gomes SIL, et al. (2026) The use of new approach methodologies (high-throughput transcriptomics) to study nanoagrochemicals: mechanisms of toxicity of a commercial copper oxychloride to soil model invertebrates (*Enchytraeus crypticus*). Archives of toxicology, 100(5), 1825.

Neill NJ, et al. (2025) Integrative Proteogenomics and Forward Genetics Reveal a Novel Mitotic Vulnerability in Triple-Negative Breast Cancer. Cancer discovery, 15(11), 2326.

Boisen IM, et al. (2025) Changes in local mineral homeostasis facilitate the formation of benign and malignant testicular microcalcifications. eLife, 13.

Yang J, et al. (2025) MiRNA-223-5p inhibits hypoxia-induced apoptosis of BMSCs and promotes repair in Legg-Calvé-Perthes disease by targeting CHAC2 and activating the Wnt/ β -catenin signaling pathway. PloS one, 20(1), e0315230.

Jones JC, et al. (2025) Chromosome 20q gene signature associated with colorectal cancer progression. Oncology reports, 54(4).

Zhu S, et al. (2025) m6A demethylase Fto inhibited macrophage activation and glycolysis in diabetic nephropathy via m6A/Npas2/Hif-1 α axis. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 39(2), e70332.

Zhu H, et al. (2025) EZH2-dependent myelination following sciatic nerve injury. Neural regeneration research, 20(8), 2382.

Shishido-Hara Y, et al. (2025) JC Virus Agnogene Regulates Histone-Modifying Enzymes via PML-NBs: Transcriptomics in VLP-Expressing Cells. Viruses, 17(10).

Fasani E, et al. (2025) ABC1K2 is involved in stress response and secondary metabolism during seed development in *Arabidopsis thaliana*. Plant cell reports, 44(11), 249.

Vllahu M, et al. (2024) Inflammation promotes stomach epithelial defense by stimulating the secretion of antimicrobial peptides in the mucus. Gut microbes, 16(1), 2390680.

Labarga A, et al. (2024) Integrative Multi-Omics Analysis for Etiology Classification and Biomarker Discovery in Stroke: Advancing towards Precision Medicine. Biology, 13(5).

Rahman L, et al. (2024) Polyethylene Terephthalate Microplastics Generated from Disposable Water Bottles Induce Interferon Signaling Pathways in Mouse Lung Epithelial Cells. Nanomaterials (Basel, Switzerland), 14(15).

Li C, et al. (2024) Identification and characterization of circular RNAs expression profiles in obstructive sleep apnea-induced liver injury. *Aging*, 16(7), 6262.

Kumar N, et al. (2024) Decoding spatiotemporal transcriptional dynamics and epithelial fibroblast crosstalk during gastroesophageal junction development through single cell analysis. *Nature communications*, 15(1), 3064.

Yang C, et al. (2024) Cholangiocyte-derived exosomal long noncoding RNA PICALM-AU1 promotes pulmonary endothelial cell endothelial-mesenchymal transition in hepatopulmonary syndrome. *Heliyon*, 10(3), e24962.

Srivastava SP, et al. (2024) Renal Angptl4 is a key fibrogenic molecule in progressive diabetic kidney disease. *Science advances*, 10(49), eadn6068.

Kim Y, et al. (2024) Sequential transcriptome profiling: comparative analysis of normal and canine lymphoma preceding detailed T-cell and B-cell subtype comparison. *Frontiers in veterinary science*, 11, 1473421.

Baldasici O, et al. (2024) The transcriptional landscape of cancer stem-like cell functionality in breast cancer. *Journal of translational medicine*, 22(1), 530.

Cho Y, et al. (2024) Arabidopsis AGB1 participates in salinity response through bZIP17-mediated unfolded protein response. *BMC plant biology*, 24(1), 586.