

Resource Summary Report

Generated by T1D on Aug 25, 2026

Segment Anything Model

RRID:SCR_023680

Type: Tool

Proper Citation

Segment Anything Model (RRID:SCR_023680)

Resource Information

URL: <https://segment-anything.com/>

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Description: Promptable segmentation system with zero shot generalization to unfamiliar objects and images, without need for additional training. Github repository provides code for running inference with SegmentAnything Model, links for downloading trained model checkpoints, and example notebooks that show how to use the model.

Abbreviations: SAM

Synonyms: Meta Segment Anything Model

Resource Type: software resource

Defining Citation: [DOI:10.48550/arXiv.2304.02643](https://doi.org/10.48550/arXiv.2304.02643)

Keywords: Meta AI, segmentation system,

Resource Name: Segment Anything Model

Resource ID: SCR_023680

Alternate URLs: <https://github.com/facebookresearch/segment-anything>

License: Apache License 2.0

Record Creation Time: 20230616T050221+0000

Record Last Update: 20260815T182746+0000

Ratings and Alerts

No rating or validation information has been found for Segment Anything Model.

No alerts have been found for Segment Anything Model.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 27 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

Lutescu DA, et al. (2026) Can artificial intelligence in orthopantomography advance dental diagnostics through automated image analysis? *Frontiers in radiology*, 6, 1701356.

Haggadone MD, et al. (2026) Environmental Amino Acid Sensing Regulates the Rate of ASC Translation and NLRP3 Inflammasome Assembly. *bioRxiv : the preprint server for biology*.

Li J, et al. (2026) AP-1 mediates cellular adaptation and memory formation. *Nature communications*, 17(1).

Almazroey AA, et al. (2025) SAM for Road Object Segmentation: Promising but Challenging. *Journal of imaging*, 11(6).

Shi C, et al. (2025) CellBinDB: a large-scale multimodal annotated dataset for cell segmentation with benchmarking of universal models. *GigaScience*, 14.

O'Farrell A, et al. (2025) Innate Immune Memory is Stimulus Specific. *bioRxiv : the preprint server for biology*.

Belbachir A, et al. (2025) Advancing Point Cloud Perception: A Focus on People Detection. *SN computer science*, 6(6), 698.

Xie T, et al. (2025) Focal hotspot and diffuse immune subtypes of tumor-infiltrating lymphocytes: AI-powered spatial clustering classification and its clinical relevance to HER2 expression in triple-negative breast cancer. *Journal of translational medicine*, 24(1), 111.

Chen H, et al. (2025) Artificial intelligence assisted real-time recognition of intra-abdominal metastasis during laparoscopic gastric cancer surgery. *NPJ digital medicine*, 8(1), 9.

Wei Y, et al. (2025) SAM-dPCR: Accurate and Generalist Nuclei Acid Quantification Leveraging the Zero-Shot Segment Anything Model. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 12(7), e2406797.

Busch GT, et al. (2025) Heterogeneous therapy-resistant cancer cells have distinct and exploitable drug sensitivity profiles. *bioRxiv : the preprint server for biology*.

Bi H, et al. (2025) Chu-Style Lacquerware Dataset: A Dataset for Digital Preservation and Inheritance of Chu-Style Lacquerware. *Sensors (Basel, Switzerland)*, 25(17).

Manzoni M, et al. (2025) MapIO: A Gestural and Conversational Interface for Tactile Maps. *IEEE access : practical innovations, open solutions*, 13, 84038.

Kalweit G, et al. (2025) Leveraging a foundation model zoo for cell similarity search in oncological microscopy across devices. *Frontiers in oncology*, 15, 1480384.

Li J, et al. (2025) Non-destructive evaluation of defects in thermal barrier coating system using combined electromagnetic and thermographic signals. *Nature communications*, 16(1), 8697.

Marks M, et al. (2025) CellSAM: a foundation model for cell segmentation. *Nature methods*, 22(12), 2585.

Lee MR, et al. (2025) Organoid morphology-guided classification for oral cancer reveals prognosis. *Cell reports. Medicine*, 6(5), 102129.

Guo Y, et al. (2025) Enteropathogenic *Escherichia coli* induces *Entamoeba histolytica* superdiffusion movement on fibronectin by reducing traction forces. *PLoS pathogens*, 21(5), e1012618.

Shen Z, et al. (2024) A deep learning framework deploying segment anything to detect pan-cancer mitotic figures from haematoxylin and eosin-stained slides. *Communications biology*, 7(1), 1674.

Li J, et al. (2024) AP-1 Mediates Cellular Adaptation and Memory Formation During Therapy Resistance. *bioRxiv : the preprint server for biology*.