

Resource Summary Report

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Definiens Developer XD

RRID:SCR_014283

Type: Tool

Proper Citation

Definiens Developer XD (RRID:SCR_014283)

Resource Information

URL: <http://www.definiens.com/research/tissue-studio/developer-xd>

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Description: A development environment designed to create automated image analysis solutions for segmentation and classification tasks. It delivers quantitative and consistent data for any type of image (e.g., IHC, ISH, IF images in different formats). Developer XD also contains a large library of image analysis algorithms, which users can add to, for whole slide images and tissue microarrays (TMAs). It can be integrated with an existing Tissue Studio installation.

Resource Type: software resource

Keywords: development environment, image analysis solution, segmentation, classification, image analysis algorithm library, tissue microarray, whole slide image, tissue studio

Resource Name: Definiens Developer XD

Resource ID: SCR_014283

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Record Creation Time: 20220129T080319+0000

Record Last Update: 20260905T132745+0000

Ratings and Alerts

No rating or validation information has been found for Definiens Developer XD.

No alerts have been found for Definiens Developer XD.

Data and Source Information

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Calescibetta A, et al. (2026) Combining lenalidomide with IL-2 family of cytokines enhances activating receptor and perforin/granzyme expression in NK cells. PloS one, 21(3), e0344471.

Sahin M, et al. (2022) Antibody bivalency improves antiviral efficacy by inhibiting virion release independently of Fc gamma receptors. Cell reports, 38(5), 110303.

González S, et al. (2020) Role of Jagged1-mediated Notch Signaling Activation in the Differentiation and Stratification of the Human Limbal Epithelium. Cells, 9(9).

de Almeida PE, et al. (2020) Anti-VEGF Treatment Enhances CD8+ T-cell Antitumor Activity by Amplifying Hypoxia. Cancer immunology research, 8(6), 806.

Ramaglia V, et al. (2019) Multiplexed imaging of immune cells in staged multiple sclerosis lesions by mass cytometry. eLife, 8.

Docquier A, et al. (2019) eIF3f depletion impedes mouse embryonic development, reduces adult skeletal muscle mass and amplifies muscle loss during disuse. The Journal of physiology, 597(12), 3107.

Di Liberto G, et al. (2018) Neurons under T Cell Attack Coordinate Phagocyte-Mediated Synaptic Stripping. Cell, 175(2), 458.

Steele KE, et al. (2018) Measuring multiple parameters of CD8+ tumor-infiltrating lymphocytes in human cancers by image analysis. Journal for immunotherapy of cancer, 6(1), 20.

Remy MM, et al. (2017) Interferon- γ -Driven iNOS: A Molecular Pathway to Terminal Shock in Arenavirus Hemorrhagic Fever. Cell host & microbe, 22(3), 354.

Jacobsen H, et al. (2014) Combined treatment with a BACE inhibitor and anti-A β antibody gantenerumab enhances amyloid reduction in APP^{London} mice. The Journal of neuroscience : the official journal of the Society for Neuroscience, 34(35), 11621.

Alvarez R, et al. (2013) Stromal disrupting effects of nab-paclitaxel in pancreatic cancer. British journal of cancer, 109(4), 926.