

MCD SmartViewer

Quickly visualize data with IMC software

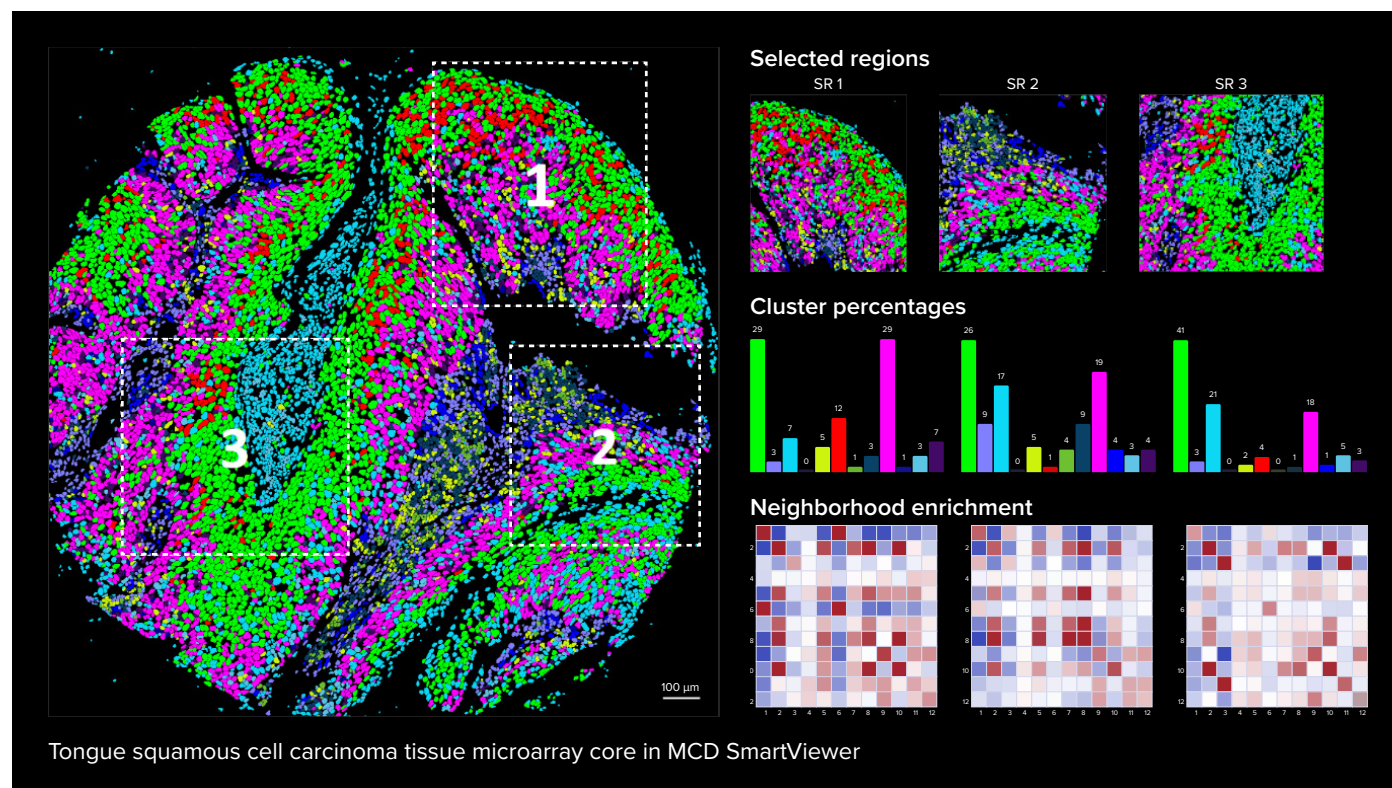
MCD[™] SmartViewer helps researchers quickly visualize, segment and analyze Imaging Mass Cytometry[™] (IMC[™]) data without requiring bioinformatics expertise. With deep learning-based cell segmentation, integrated analysis tools and pyramidal OME-TIFF export, researchers can move efficiently from image review to meaningful spatial insights and deeper downstream workflows.

Accelerate the path from data to discovery

Quickly identify regions of interest, compare cell population composition and explore spatial relationships across your tissue.

Highlights

- Segment cells and quantify spatial patterns
- Analyze tissue structure with pixel-based clustering
- Extend analysis workflows with widely used export formats

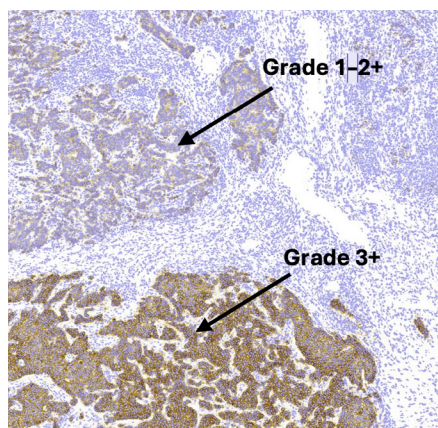


Actionable IMC insights **in minutes.**

Analysis options that fit your project

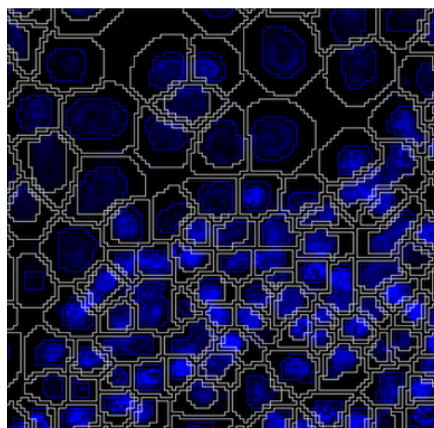
From rapid visualization to downstream analysis

Simulated IHC view

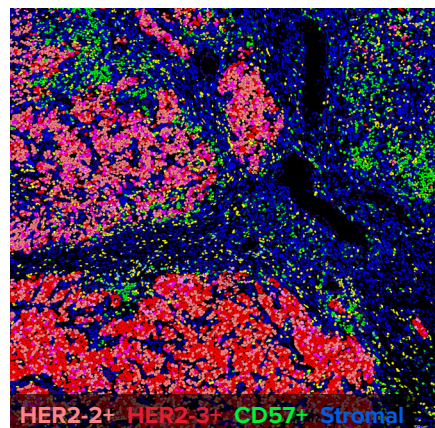


Render IMC data on a white background to simulate a pathologist's view and quantify both low and high levels of target expression.

Cell segmentation and analysis

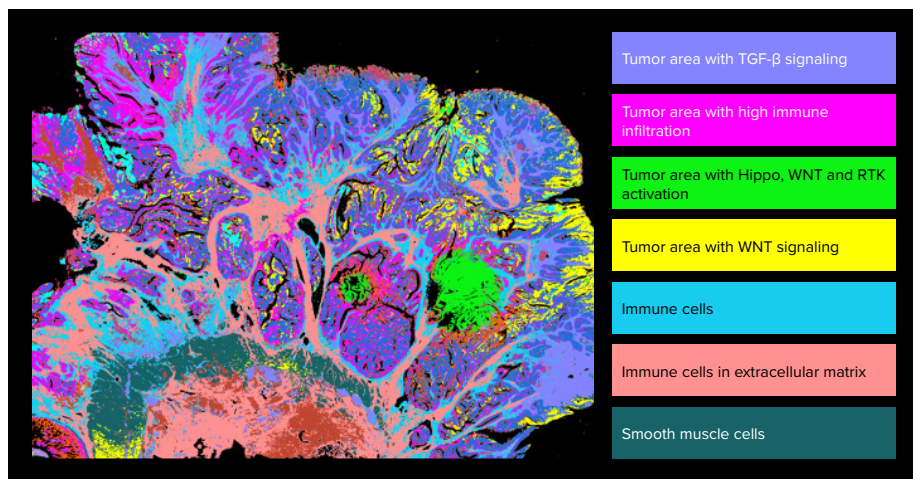


Accurately and robustly identify individual cells with deep learning-based cell segmentation of Cell Mode data.



Move from segmentation to biological insight with single-cell analysis of populations, phenotypes and spatial relationships.

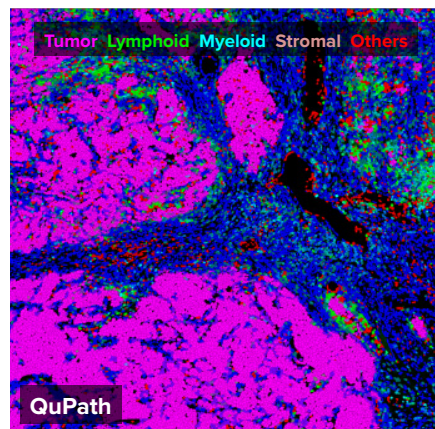
Pixel-clustering analysis



Reveal tissue architecture and spatial organization with Tissue Mode pixel-based clustering.

Learn more at
standardbio.com/mcd-software

Pyramidal OME-TIFF export



Avoid format-conversion headaches by sending your IMC data straight to third-party platforms or your own custom analysis pipeline with pyramidal OME-TIFF export.



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MCD SmartViewer Flyer

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