

Multi-Molecule Spatial Co-visualization

Integrated visualization of molecular co-localization patterns using RGB channel mapping:

Molecular Feature Selection

Step 1: Select up to three molecular features for co-visualization:

- Feature 1 assigned to red channel
- Feature 2 assigned to green channel
- Feature 3 assigned to blue channel

Feature 1 (Red):

gamma-Aminobutyric acid

Feature 2 (Green):

Slc6a11

Feature 3 (Blue):

Search by feature name...

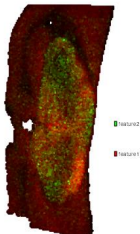
Note: Processing time depends on image resolution and feature count.

Generate Co-visualization

RGB Spatial Overlay

Step 2: Pseudocolor representation of molecular co-distribution:

- Red: Feature 1 intensity
- Green: Feature 2 intensity
- Blue: Feature 3 intensity



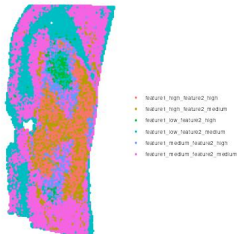
Download image

Export data

Co-expression Pattern Analysis

Step 3: Quantitative assessment of combinatorial expression states:

- Expression quartiles: High (>75%), Medium, Low (<25%)
- 8 possible combinatorial states for 2 features
- 27 possible combinatorial states for 3 features
- Dominant patterns reveal functional co-regulation



Download image

Export data