

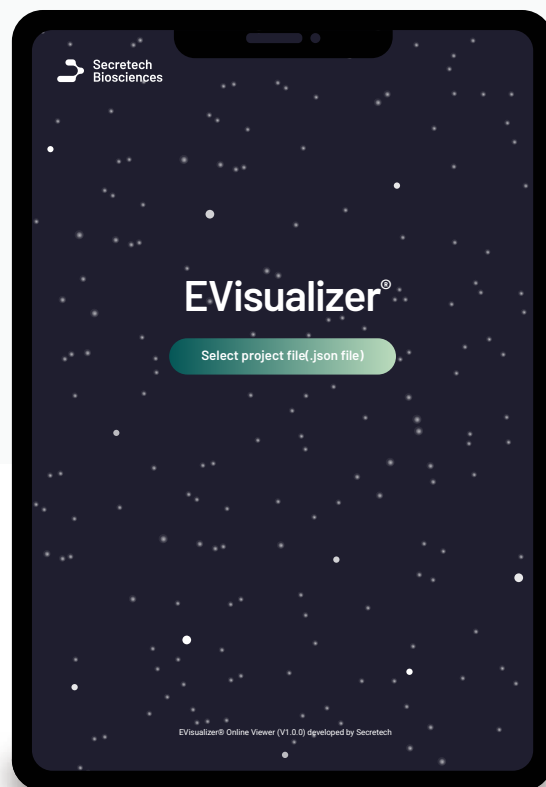
EVisualizer®

Explore PBA-derived extracellular vesicle data interactively

EVisualizer® is an interactive online viewer for exploring extracellular vesicle (EV) profiling data generated with Proximity Barcoding Assay (PBA).

Explore EV datasets across samples and groups, identify populations of interest, and examine protein-defined molecular features through an intuitive visual interface.

Go beyond population averages to explore EV heterogeneity, protein co-localisation and combinatorial surface signatures.



From processed PBA data to interactive exploration

Explore EV heterogeneity without coding

EVisualizer® transforms processed PBA data into an interactive visual environment. Compare samples and groups, identify EV populations of interest, and examine how selected proteins are distributed across the dataset.

What EVisualizer® enables

Interactive visualization

Navigate PBA-derived EV profiles through an interactive point-and-click interface.

Flexible EV selection

Select EVs by cluster, group, sample, region of interest or protein.

Rapid data exploration

Investigate EV populations and molecular features without writing analysis code.

Built for PBA-derived EV data

EVisualizer complements data processing and statistical analysis, providing a visual environment for exploring EV populations and protein-defined molecular features.

Move from global EV patterns to populations of interest

EVisualizer provides multiple ways to navigate and interrogate EV profiling data, from broad comparisons between groups and samples to focused exploration of selected EV populations and proteins.

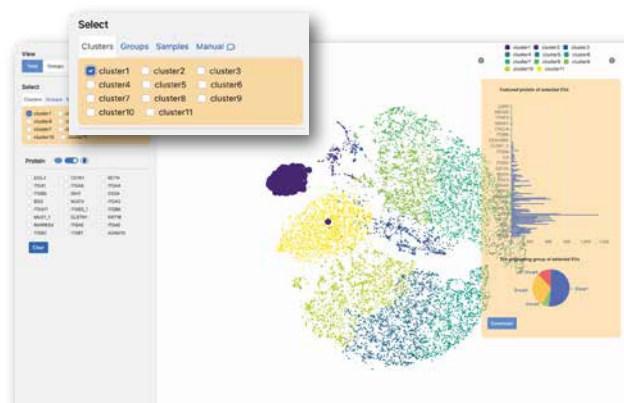


Compare data across levels

Switch between Total, Groups and Samples to compare EV distributions at the level most relevant to your analysis.

Identify EV populations of interest

Select clusters, groups or samples, or manually highlight a region of interest. Examine the selected population through its molecular profile and distribution across groups.



Identify EVs by protein profile

Select one or more proteins to identify EVs carrying defined molecular features. Combine targets to explore EV populations with co-occurring surface-protein features.

Make EV datasets easier to interpret

Once PBA data have been processed into an EVisualizer-compatible project file, EVisualizer makes complex EV profiling datasets easier to navigate, compare and communicate.

Explore EVisualizer®

Interactively explore EV populations, protein-defined features and molecular heterogeneity in PBA-derived datasets.