

How to: AstrolabeImport

a FlowJo cluster annotation plugin



Create Cell Annotations

Cell Annotations Generated by Astrolabe Diagnostics can now be automatically imported into FlowJo for further analysis and visualization:

astrolabediagnostics.com



Import Annotations

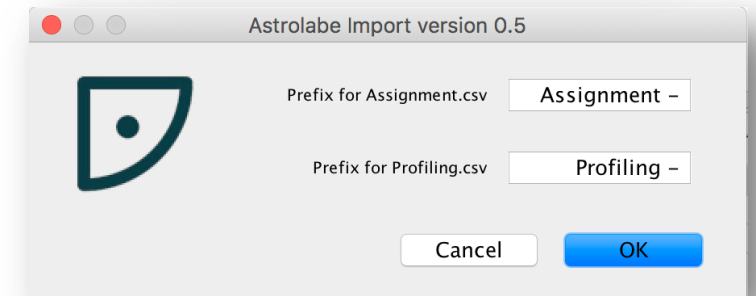
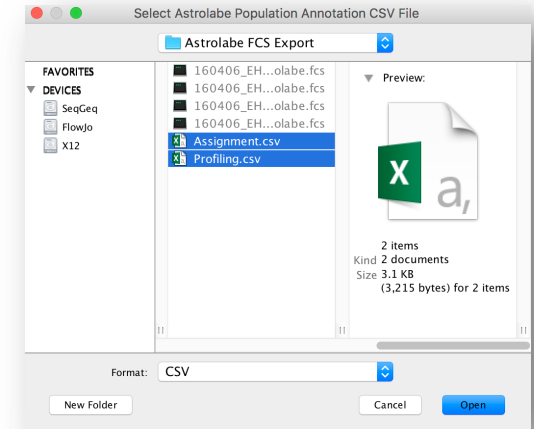
Populations identified by Astrolabe can then be easily imported using the AstrolabeImport plugin

Astrolabe Plugin Functionality Overview:

tinyurl.com/AstrolabeImport-v0-5

General Plugin Installations:

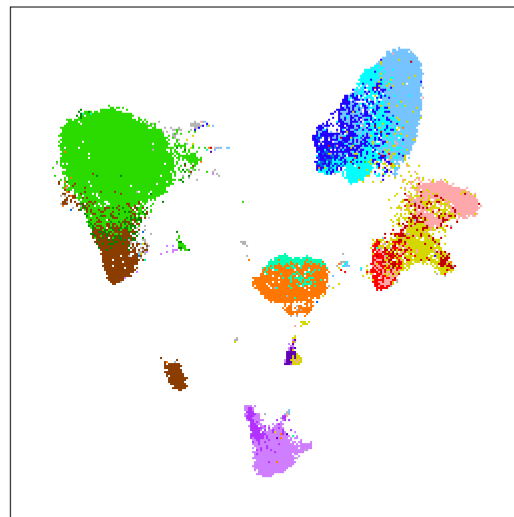
docs.flowjo.com/d2/plugins/installing-plugins/





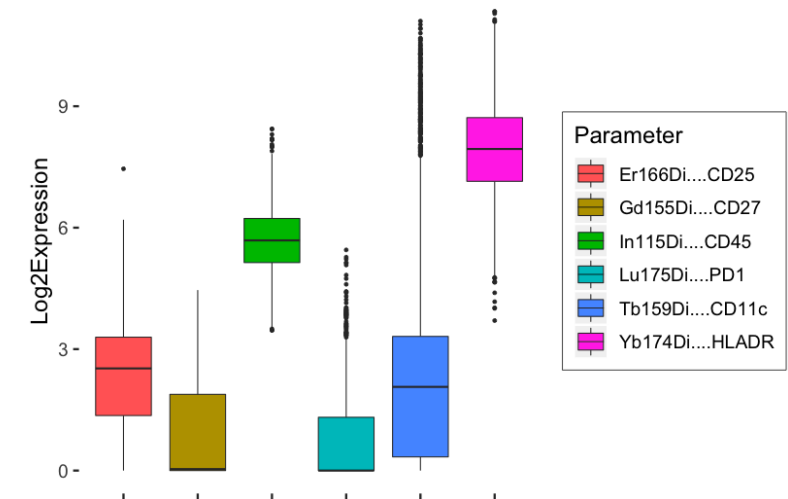
Downstream

These annotations can be used for a variety of downstream analyses:



UMAP

- Astrolabels - Plasmacytoid Dendritic Cell
- Astrolabels - NK Cell (CD56+ CD16-)
- Astrolabels - NK Cell (CD56+ CD16+)
- Astrolabels - Monocyte (CD14+ CD16-)
- Astrolabels - Monocyte (CD14+ CD16+)
- Astrolabels - CD8+ T Cell (Naive)
- Astrolabels - CD8+ T Cell (EMRA)
- Astrolabels - CD8+ T Cell (Central Memory)
- Astrolabels - CD4- CD8- T Cell
- Astrolabels - CD4+ T Cell (Treg)
- Astrolabels - CD4+ T Cell (Naive)
- Astrolabels - CD4+ T Cell (EMRA)
- Astrolabels - CD4+ T Cell (Effector Memory)
- Astrolabels - CD4+ T Cell (Central Memory)
- Astrolabels - B Cell (Plasmablast)
- Astrolabels - B Cell (Memory)
- Astrolabels - B Cell (CD27-)
- Ungated



| | Astrolabels - B Cell (CD27-) | Astrolabels - CD4+ T Cell (Central Memory) | Monocyte (CD14+ CD16+) | Basophil | Plasmacytoid Dendritic Cell |
|---------------------|------------------------------|--|------------------------|----------|-----------------------------|
| 160406_EHA001_17... | 5.80 | 7.16 | 2.54 | 0.072 | 3.65 |
| 160406_EHA001_17... | 12.2 | 4.45 | 0.75 | 0.047 | 0.75 |
| 160406_EHA001_17... | 20.7 | 7.90 | 2.88 | 0.30 | 1.16 |
| 160406_EHA001_17... | 22.0 | 5.31 | 0.11 | 0.42 | 0.73 |



For Question on the Plugin:

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