Multiple plugin installation for FlowJo™

Included in this zip file are the following plugin platforms:

Plugin	Version
AutoGateCategorical	1.0
Calibration	1.0
Cell Ontology	2.0
DownSample	3.0
FitSNE	0.4
flowAI	1.7
FlowClean	2.2
FlowMeans	2.0
FlowSOM	1.5
IndexSort	1.1
PhenoGraph	0.2
SaveStatesToDatabase	1.0
UMAP	0.5
ViolinBoxPlots	2.5

To Install Plugins

Unzip the file, and add the jar files to whatever folder you would like to store your plugins in. Instructions for setting up the preferences in FlowJo to find these jar files are on exchange.flowjo.com.

This document contains the code that must be copied and pasted into R (start by installing R) to get all of these plugins functioning. For best results users should run these commands one line at a time. For detailed instruction on what these plugins are, how they work, or to check for updates we recommend visiting exchange.flowjo.com:

```
source("https://bioconductor.org/biocLite.R")
biocLite("flowCore")
biocLite("flowAI")
biocLite("FlowSOM")
biocLite(“flowClean”)
biocLite(“flowClean”)
install.packages("png")
install.packages("pheatmap")
install.packages("tidyverse")
biocLite(“flowClean”)
install.packages("ggplot2")

if(!require(devtools)) {
install.packages("devtools")
}
library("devtools") devtools::install_github("JinmiaoChenLab/Rphenograph")
```