

flowType: Phenotyping Flow Cytometry Assays

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1 License

Under the Artistic License, you are free to use and redistribute this software.

2 Introduction

This document demonstrates the functionality of the `flowType` package for phenotyping FCM assays. `flowType` uses a simple threshold, `Kmeans`, `flowMeans` or `flowClust` to partition every channel to a positive and a negative cell population. These partitions are then combined to generate a set of multi-dimensional phenotypes. For more details on how this package can be used in a complete analysis pipeline, please refer to the manuscript that describes analysis of 466 HIV⁺ patients [1, 3]. Further examples are available through [2, 4, 5].

