Description of Additional Supplementary Files:

Supplementary Data 1: presents the evaluation scores for all the methods used on the dIPFC dataset.

Supplementary Data 2: provides a list of the top 100 differentially expressed genes within clusters from the human dIPFC sample 151671.

Supplementary Data 3: provides a list of Gene Ontology (GO) terms enriched in cluster A-11 within the dIPFC sample 151671.

Supplementary Data 4: provides a list of the top 100 differentially expressed genes within clusters from the human M1C dataset.