Table S4: Summary of computational time for DIPD

radio 51. Sammary of comparational time for Bir B		
Data set	Size	Computation time
Single clonal cell line data (Plate03)	71 cells, 11,227 genes	3.2s
Single clonal cell line data (Plate05A, Plate06A)	129 cells, 12,167 genes	$6.7\mathrm{s}$
Three cell lines mixture data	2,609 cells, 21,247 genes	250.6s
Multiple cell lineages data	1476 cells, 12,822 genes	71.2s
PBMC data (Zhengmix8eq)	3994 cells, $15,716$ genes	284.7s

^{*}The DIPD algorithm was implemented in R Studio version 4.2.1 on a server with 64GB of RAM and an Intel(R) Core(TM) i9 processor.