Metrics for dataset: brain_sim_DEG_20_CELLS_5000 1.0e+08 **-**7.5e+07 7.5e+07 Frequency 2.00+90.5 Frequency 2.0e+07 Louvain Cluster 2.5e+07 2.5e+07 Metric Value Mean 0.11 Median 0 0.0e+00 0.0e+00 -S.D. 0.84 200 100 Raw Expression Normalized Expression 0.7 Variance True Ordering 1.00 Range (0, 270)92.95% Sparsity 0.75 Number of Cells 5000 0.50 Number of Genes 19420 0.25 % Dynamic Genes 20% UMAP 2 PC₂

PC 1

UMAP 1