Metrics for dataset: brain_sim_DEG_05_CELLS_500 6e+06 7.5e+06 Frequency Frequency 4e+06 5.0e+06 Louvain Cluster 2e+06 2.5e+06 Metric Value Mean 0.6 Median 0 0e+00 0.0e+00 -S.D. 4.38 10.0 500 1,000 5.0 7.5 0.0 2.5 Normalized Expression Raw Expression Variance 19.18 True Ordering 1.00 (0, 1336)Range Sparsity 76.08% 0.75 **Number of Cells** 500 0.50 Number of Genes 18894 0.25 % Dynamic Genes 5% UMAP 2 PC₂

PC 1

UMAP 1