1M\_Org - scType Confidence Scores Reference: 6mOrg\_Reference Cluster 0 Reference: 6mOrg\_Reference 9.3% 23.8% Cell Types 8.9% Astrocytes Embryonic stem cells 2.6% Immature neurons Interneuron progenitors Neural stem precursor cells Oligodendrocytes 9.9% oRG oRG\_II 23.2% Pluripotent stem cells 5.8% Radial glial cells 0.1% Cluster 1 Reference: 6mOrg\_Reference 1.8%% 7.8% 19.4% Cell Types 17,3% GABAergic neurons Glial precursors Immature Interneurons Immature neurons Intermediate progenitors Neural stem precursor cells 9.8% **17.**4% Neuroblasts Neurons Pluripotent stem cells 17.5% Cluster 10 Reference: 6mOrg\_Reference 5.5% 5% 12.3% Cell Types 16.8% Astrocytes Astroglia Embryonic stem cells Glial precursors Immature neurons 5.7% Interneuron progenitors Neuroblasts 5.4<mark>%</mark> oRG oRG\_II 3% Radial glial cells 40.7% Cluster 11 Reference: 6mOrg\_Reference 4.8% 19.5% Cell Types 22,6% aRG Astrocytes Astroglia 6% Embryonic stem cells Neural stem precursor cells 2.8% Oligodendrocyte Progenitors 0.3% Oligodendrocytes 4.1% oRG\_II Pluripotent stem cells 15.8% Radial glial cells 17.7% Cluster 12 Reference: 6mOrg\_Reference 4.9% 1.4% 4.4% 8.4% Cell Types Dopaminergic neurons 22,5% Glial precursors Immature Interneurons 17.2% Immature neurons Intermediate progenitors Neural stem precursor cells Neuroblasts Oligodendrocyte Progenitors Radial glial cells 8.8% 14.6% Schwann cells Cluster 2 Reference: 6mOrg\_Reference 3.2% 18.2% Cell Types 30.7% CPN Dopaminergic neurons GABAergic neurons 1.7% Glutaminergic neurons Immature Interneurons Intermediate progenitors Interneurons 0.1% 1.4% Neuroblasts Neurons Oligodendrocyte Progenitors 16.4% 20.7% Cluster 3 Reference: 6mOrg\_Reference 0.9% Cell Types 25.9% CPN Dopaminergic neurons 38.4% GABAergic neurons Glutaminergic neurons Immature Interneurons Intermediate progenitors 2.9% Interneurons Neuroblasts Neurons 8.9% Oligodendrocyte Progenitors 6.8% Cluster 4 Reference: 6mOrg\_Reference 3.7% 2.6% Cell Types 17.9% CPN Dopaminergic neurons Glutaminergic neurons 43.8% Immature Interneurons Immature neurons **3.5**% Intermediate progenitors Interneurons 5.6% Neurons Oligodendrocytes 3.8% Schwann cells 7.4% Cluster 5 Reference: 6mOrg\_Reference 0.11.18%3.7% Cell Types aRG Astrocytes Dopaminergic neurons Embryonic stem cells Glutaminergic neurons Oligodendrocyte Progenitors oRG\_II Pluripotent stem cells Radial glial cells Schwann cells 93% Cluster 6 Reference: 6mOrg\_Reference Cell Types Astrocytes Embryonic stem cells Immature neurons Interneuron progenitors Neural stem precursor cells Oligodendrocytes oRG oRG\_II Pluripotent stem cells Radial glial cells 71.4% Cluster 7 Reference: 6mOrg\_Reference 3.5%<sub>.6%</sub> 26.5% Cell Types CPN 24.5% Glial precursors Glutaminergic neurons Immature Interneurons Intermediate progenitors Interneurons Neuroblasts 8.3% Neurons Oligodendrocyte Progenitors Schwann cells 9.8% 1.5% Cluster 8 Reference: 6mOrg\_Reference 8.4% 14.5% 2% Cell Types 9.3% aRG Astrocytes 9.6% Astroglia Dopaminergic neurons Embryonic stem cells <mark>14.</mark>1% Immature Interneurons oRG oRG\_II Radial glial cells Schwann cells 32.2% Cluster 9 Reference: 6mOrg\_Reference 3.1%<sup>1.8</sup>%3.4%<sub>1.7</sub>% 5% 0<del>2</del>% 3.7% Cell Types Astrocytes Embryonic stem cells Immature neurons Interneuron progenitors Neural stem precursor cells Neuroblasts Oligodendrocyte Progenitors  $\mathsf{oRG}$ Pluripotent stem cells Radial glial cells 79.4%