

Cell type abundances per group Astrocytes Endothelial.cells Ependymal.cells Excitatory.Neurons 100 400 6000 2000 300 75 4000 200 50 1000 2000 100 25 # cells per sample-celltype combination X12mX@mX@mX&mWT X12xXA2DnXV6TnX46DmWT X12mX6mX6mWT X12mX@mX@mXWT Inhibitory.Neurons Microglia Oligodendrocytes **OPCs** 800 5000 6000 400 4000 600 300 4000 keep 3000 400 200 **TRUE** 2000 2000 200 100 1000 X12mX6mX6mWT X12mX6mX6mWT X12xXA2mXV6TmX46mWT X12mX6mX6mWT etinal.ganglion.cell Unknown Vasculature.cells 600 300 60 400 200 40 200 100 20 X12mX6mX6mWT X12mX@mX@mXWT X12mX6mX6mWT Group