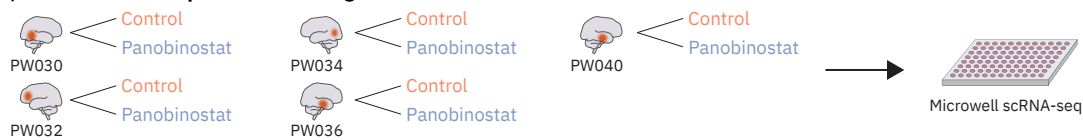
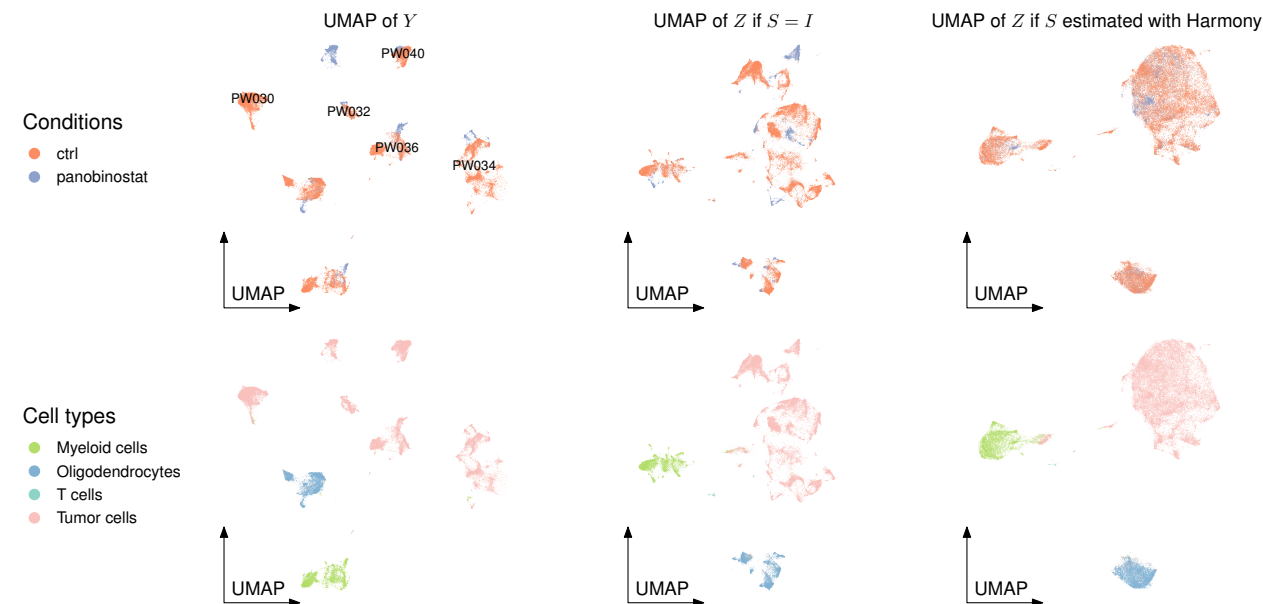


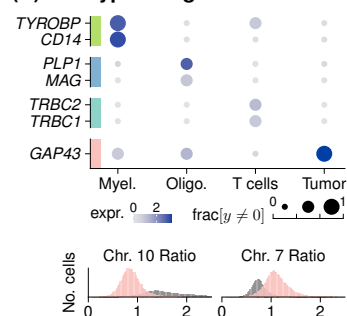
# (A) Glioblastoma experimental design



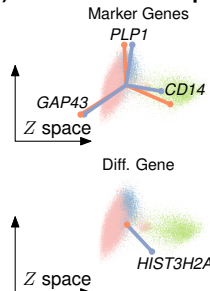
## (B) Alignment with LEMUR adjusting for patient and treatment effect



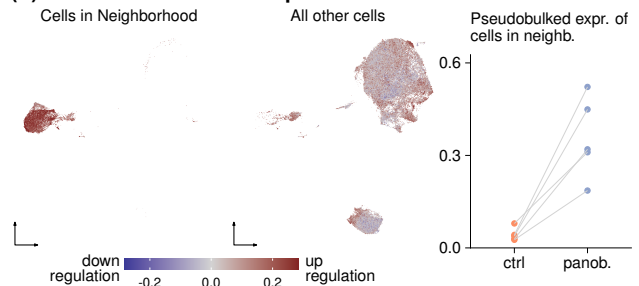
## (C) Cell type assignment



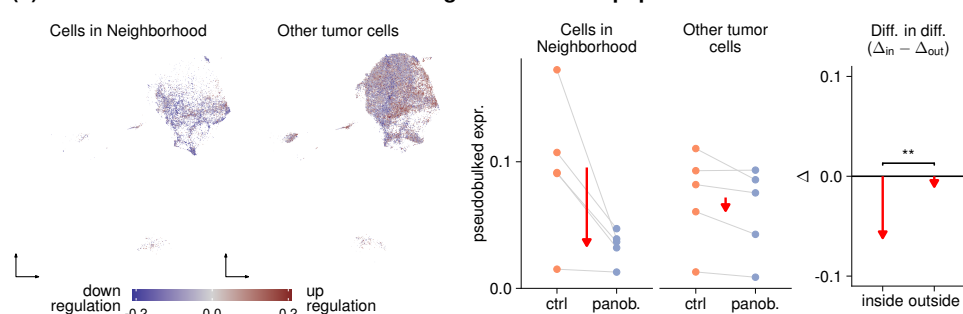
## (D) Multi-condition biplot



## (E) Predicted differential expression of *HIST3H2A* for each cell



## (F) Panobinostat stimulates *LMO2* down-regulation in a subpopulation of tumor cells



## (G) Characterization of tumor subpopulation

