

A)

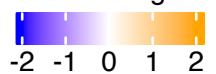
## XeniumCluster

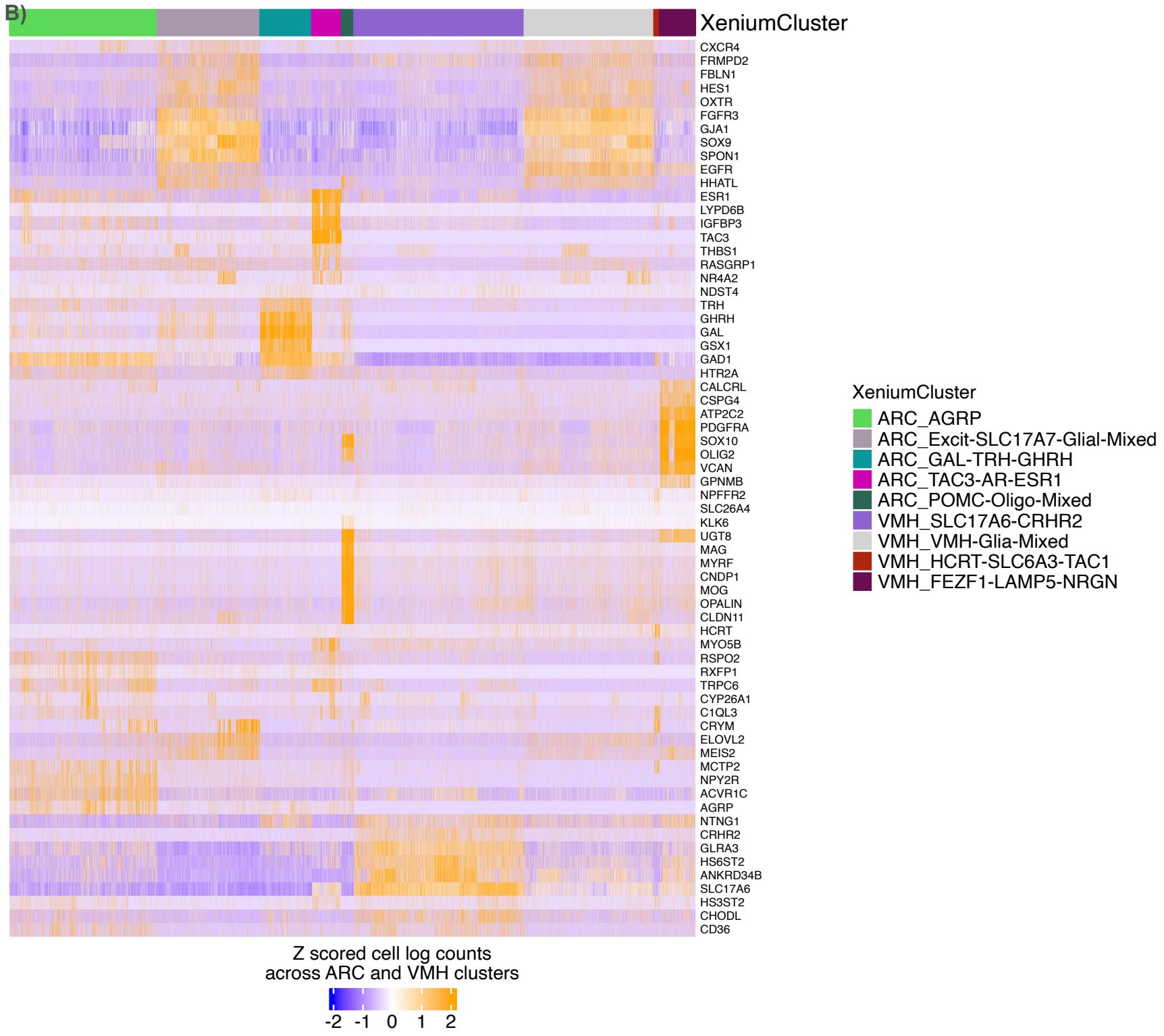


## XeniumCluster

- ARC\_AGRP
- ARC\_Excit-SLC17A7-Glia-Mixed
- ARC\_GAL-TRH-GHRH
- ARC\_TAC3-AR-ESR1
- ARC\_POMC-Oligo-Mixed
- VMH\_SLC17A6-CRHR2
- VMH\_VMH-Glia-Mixed
- VMH\_HCRT-SLC6A3-TAC1
- VMH\_FEZF1-LAMP5-NRGN
- Oligodendrocyte\_3
- Oligodendrocyte\_Precursor\_cells\_(OPC)
- Oligodendrocyte\_1
- Oligodendrocyte\_2

Z scored cell log counts





C)

Domain

GSX1  
GAL  
GHRH  
RXFP1  
TRPC6  
CRH  
VWC2L  
MC3R  
SSTR1  
GLRA2  
GABRE  
GABRQ  
ECEL1  
GAD1  
NPY1R  
TAC3  
ESR1  
AGRP  
NPY2R  
ACVR1C  
SHISAL2B  
POMC  
WIF1  
BDNF  
ZCHHC12  
CHGB  
GLRA3  
PCDH19  
TAC1  
ANKRD34B  
NR5A1  
DDN  
HRH3  
LAMP5  
ADCYAP1  
RBFOX1  
VSNL1  
SLC17A6  
HS3ST4  
NRGN  
FEZF1  
DOC2A  
CDH13  
HS6ST2  
TLL2  
TMEM233  
ICAM5

Domain  
ARC  
VMH

Z scored cell log counts  
across all cells w/in ARC, VMH domains

