H3K27me3 Up Overlap Enrichment DH.SMC-FC.Ogc DH.Ogc FC.Opc DH.Choroid_Plexus FC.Peri DH.Opc DH.Asc **DH.Pericytes** DH.Endo FC.Asc FC.Endo FC.Inh.Sst.Pvalb FC.Inh.Vip.Npy DH.Inh FC.Inh.Six3.Def6 FC.Inh.Sema5a.S100a13 DH.CA2-3-FC.L5b.Fezf2-FC.L4-DH.DG.Card6.2-DH.DG.Penk FC.Claustrum FC.L5.Parm1 DH.CA1 DH.DG.Card6.1 FC.L2-3 DH.Sub_Ent-FC.L5a.Deptor FC.L6-LM.Skm.Fhl3.Cyrm.Ache LM.SMC-LM.Skm.Fhl3.Wdr31 LM.Skm.Fhl3.2 HT.SMC LM.Skm.Fhl3..1 LM.Skm.Fhl3.Myh1 LM.Skm.Fhl3.3 HT.CM-DH.Mcg HT.Tcell LM.Macg HT.Bcell HT.Macg FC.Mgc LM.Bcell-HT.Fat HT.Endo.1 LM.Fat HT.FB HT.Endo LM.FB LM.Endo LM.MSC-LM.Kerat 10 152025 **Odds** ratio

Clade

Glia

InN

ExN

Other

Muscle

Immune

H3K27me3 Down Overlap Enrichment FC.Opc-DH.Opc DH.Choroid_Plexus DH.Ogc **DH.Pericytes** DH.Asc FC.Asc FC.Peri FC.Ogc DH.SMC FC.Endo DH.Endo DH.Inh FC.Inh.Sst.Pvalb FC.Inh.Sema5a.S100a13 FC.Inh.Vip.Npy FC.Inh.Six3.Def6 DH.DG.Card6.2 FC.L5b.Fezf2 DH.CA1 DH.DG.Card6.1 FC.L5.Parm1 DH.CA2-3-DH.DG.Penk FC.L2-3 FC.L6 FC.Claustrum DH.Sub_Ent FC.L4 FC.L5a.Deptor HT.SMC LM.Skm.Fhl3.Myh1 LM.Skm.Fhl3.2 LM.SMC-LM.Skm.Fhl3.3 LM.Skm.Fhl3.Cyrm.Ache HT.CM LM.Skm.Fhl3..1 LM.Skm.Fhl3.Wdr31 DH.Mcg HT.Macg FC.Mgc HT.Tcell LM.Bcell LM.Macg HT.Bcell HT.Endo HT.Endo.1 HT.Fat LM.Endo LM.FB LM.Fat HT.FB LM.Kerat-LM.MSC 20 304550 **Odds** ratio

Clade

Glia

InN

ExN

Other

Muscle

Immune