ABA23 HYP hmap185 clusters to singleSpDomains C185_99_Piezo2.Lhx6.GABA_1 C185_98_Pbx3.Lhx6.GABA_1 C185_97_St18.Lhx6.GABA_1 C185_96_Ppp1r17.GABA_1 C185_95_Nts.Crh.GABA_1 C185_94_Gal.Crh.GABA_1 C185_93_Zfp804b.Hmcn1.GABA_1 C185_92_Adarb2.Hmcn1.GABA_1 C185_91_Gal.Hmcn1.GABA_1 C185_90_Reln.Lef1.GABA_1 C185_9_Ebf3.Nxph4.GLU_2 -C185_89_Barhl2.Lef1.GABA_1 C185_88_Sox14.Lef1.GABA_1 C185_87_Fign.Lef1.GABA_1 C185_86_Tmem114.Lef1.GABA_1 C185_85_Pthlh.II1rapl2.GABA_1 C185_84_Epha3.II1rapl2.GABA_1 C185_83_Col6a1.II1rapl2.GABA_1 C185_82_Tbx19.II1rapl2.GABA_1 C185_81_Tnfrsf12a.GABA_2 -C185_80_Aldh3b2.GABA_2 C185_8_Nfia.Nxph4.GLU_2 -C185_79_Cd24a.Lhx1.GABA_2 C185_78_Unassigned.Lhx1.GABA_2 · C185_77_Arx.Lhx1.GABA_2 C185_76_Slc6a3.Onecut2.GABA_2 C185_75_Pmfbp1.Onecut2.GABA_2 -C185_74_Onecut3.Onecut2.GABA_2 C185_73_Cck.Vipr2.GABA_2 -C185_72_Fam122b.Vipr2.GABA_2 C185_71_Vip.Vipr2.GABA_2 C185_70_Otx2.Mixed.GABA_2 -C185_7_Stk26.Nxph4.GLU_2 -C185_69_Pvalb.Mixed.GABA_2 -C185_68_C1ql2.Mixed.GABA_2 C185_67_Pnoc.Mixed.GABA_2 C185_66_Unassigned.Mixed.GABA_2 C185_65_Unassigned.Mixed.GABA_2 -C185_64_Meis2.Mixed.GABA_2 -C185_63_Thrsp.Mixed.GABA_2 -C185_61_Prkch.GLU_8 -C185_60_Epha8.Foxb1.GLU_8 -C185_6_Rxfp1.lrx5.GLU_2 -C185_59_Fign.Foxb1.GLU_8 -C185_58_Postn.Foxb1.GLU_8 -C185_57_Nts.Foxb1.GLU_8 -C185_56_Pmch.GLU_7 C185_55_Unassigned.Mixed.GLU_6 -C185_54_Oxt.Caprin2.GLU_6 -C185_53_Ebf3.Caprin2.GLU_6 -C185_52_Bace2.GLU_5 -C185_51_Tac2.GLU_5 -C185_50_Ttr.Pomc.GLU_5 -C185_5_Nts.Irx5.GLU_2 -C185_49_Glipr1.Pomc.GLU_5 -C185_48_Anxa2.Pomc.GLU_5 -C185_47_Hcrt.Rfx4.GLU_4 -C185_46_Qrfp.Rfx4.GLU_4 -C185_45_Npvf.Rfx4.GLU_4 -C185_44_Lpar1.GLU_4 -C185_43_Cped1.Mixed.GLU_4 -C185_42_Lhx9.Mixed.GLU_4 C185_41_Lef1.Mixed.GLU_4 -C185_40_Adcyap1.GLU_3 -C185_4_Pitx2.lrx5.GLU_2 -C185_39_Prdm12.Tcf4.GLU_3 -C185_38_Nfia.Tcf4.GLU_3 -C185_37_Prdm13.Tcf4.GLU_3 C185_36_Vcan.GLU_3 -C185_35_C1ql2.Gpr149.GLU_3 -C185_34_Sparc.Gpr149.GLU_3 -C185_33_Fezf1.Gpr149.GLU_3 -C185_32_Bcl11b.Gpr149.GLU_3 C185_31_Tcf7l2.Gpr149.GLU_3 -C185_30_Hmcn2.Gpr149.GLU_3 -C185_3_NSCs -C185_29_ligp1.Cd40.GLU_3 -C185_28_Cbln4.Cd40.GLU_3 -C185_27_Nts.Cd40.GLU_3 -C185_26_Moxd1.Cd40.GLU_3 -C185_25_Satb2.Cd40.GLU_3 -C185_24_Mc4r.Fezf1.GLU_3 -C185_23_Arhgap36.Fezf1.GLU_3 -C185_22_Unassigned.Fezf1.GLU_3 -C185_21_Sln.GLU_2 -C185_20_Lmx1a.GLU_2 -C185_2_Otx1.GLU_1 -C185_19_Foxb1.GLU_2 -L C185_184_Slc47a1.Dcn.Fibroblasts -C185_183_Slc6a13.Dcn.Fibroblasts -C185_182_Angptl1.Dcn.Fibroblasts -C185_180_Meox1.Endothelial C185_18_Meis2.Samd3.GLU_2 -C185_179_Sema3g.Endothelial -C185_178_Vtn.Endothelial C185_177_Slco1a4.Endothelial C185_176_Acta2.Mural -C185_175_Kcnj8.Mural -C185_174_Anxa1.ParsTuber C185_173_Cga.ParsTuber -C185_171_Ms4a4b.Immune -C185_170_F13a1.Immune -C185_17_Gng8.Samd3.GLU_2 -C185_169_Ch25h.Tmem119.Immune -C185_168_Tyrobp.Tmem119.Immune C185_167_Top2a.Tmem119.Immune -C185_166_Ccl4.Tmem119.Immune -C185_165_Wfdc17.Tmem119.Immune -C185_164_P2ry12.Tmem119.Immune -C185_163_Selplg.Tmem119.Immune C185_162_Tyrobp.OPC C185_161_Cspg4.OPC -C185_160_Dividing.OPC C185_16_Tent5a.GLU_2 -C185_159_Pdgfra.OPC -C185_158_C1ql1.OPC -C185_156_Bmp4.Gpr17.Oligodendrocytes -C185_155_Cnksr3.Gpr17.Oligodendrocytes -C185_154_Hspa1a.Ermn.Oligodendrocytes -C185_153_Ctps.Ermn.Oligodendrocytes -C185_152_Mal.Ermn.Oligodendrocytes -C185_151_Arhgap45.Ermn.Oligodendrocytes -C185_150_Klk6.Ermn.Oligodendrocytes -C185_15_Ucn3.Trh.GLU_2 -C185_149_Opalin.Ermn.Oligodendrocytes -C185_148_Pex5l.Ermn.Oligodendrocytes -C185_147_Gfap.Lgals3.Astrocytes C185_146_Myt1l.Lgals3.Astrocytes -C185_145_Myoc.Etnppl.Astrocytes -C185_144_Gfap.Etnppl.Astrocytes -C185_143_Crym.Etnppl.Astrocytes -C185_142_Unassigned.Etnppl.Astrocytes -C185_141_Trpm3.Etnppl.Astrocytes -C185_140_Gjb6.Etnppl.Astrocytes -C185_14_Syt2.Trh.GLU_2 -C185_139_Itih3.Etnppl.Astrocytes -C185_135_Cdhr4.Ependymal C185_134_Frzb.Tanycytes C185_133_Prr16.Tanycytes -C185_132_Tgfb2.Tanycytes -C185_131_Scn7a.Tanycytes C185_130_Chat.GABA_7 C185_13_Ebf2.Trh.GLU_2 -C185_129_Nr5a2.Satb2.GABA_6 -C185_128_Slc6a3.Satb2.GABA_6 -C185_127_Nfix.Satb2.GABA_6 -C185_126_Tac1.Meis2.GABA_5 -C185_125_Adora2a.Meis2.GABA_5 -C185_124_Ccn1.Meis2.GABA_5 C185_123_Bcl11b.Meis2.GABA_5 -C185_122_Satb1.Meis2.GABA_5 C185_121_Abi3bp.Meis2.GABA_5 -C185_120_Pou3f1.Sst.GABA_4 -C185_12_Ebf1.Trh.GLU_2 -C185_119_Nts.Sst.GABA_4 -C185_118_Otp.Sst.GABA_4 -C185_117_Npy.Sst.GABA_4 C185_116_Lepr.Agrp.GABA_4 -C185_115_Npy.Agrp.GABA_4 -C185_114_Ghrh.GABA_3 -C185_113_Nkx2_4.GABA_3 -C185_111_Tac2.Nts.GABA_1 -C185_110_Gpr50.Nts.GABA_1 C185_11_Cbln2.Trh.GLU_2 -C185_109_Ecel1.Nts.GABA_1 -C185_108_Gal.Nts.GABA_1 C185_107_Zeb2.Lhx8.GABA_1 C185_106_Sox6.Lhx8.GABA_1 C185_105_Lhx6.Lhx8.GABA_1 C185_104_Sytl4.Tbx3.GABA_1 C185_103_Vgll3.Tbx3.GABA_1 C185_102_Hdc.GABA_1 C185_101_lgfbp4.Lhx6.GABA_1 C185_100_Dlx1.Lhx6.GABA_1 -C185_10_Adgrf5.Nxph4.GLU_2 -C185_1_Shox2.GLU_1 X3 $\frac{\times}{2}$ $\overset{\times}{8}$ 8 X X variable

value

0.50

0.25

0.00

-0.25