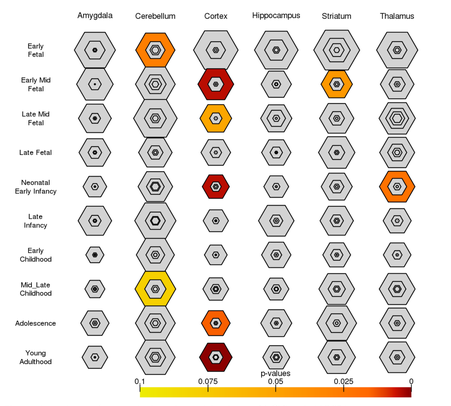
Of the inputed 872 genes,
729 genes exist in the brain region and development expression dataset, 143 genes do not, which are:
UBE2J1,TLCD4,RNU6-1228P,NELFA,HEXA-AS1,BPIFB3,URAD,PKP4,NKX2-2,GPR75-ASB3,CEP128,CERS5,NAPSB,TMEM191A,DGCR5,ZNF260,P3H2,UFD1,TMEM178B,EIF4EBP2P3,THEM7P,KMT5A,TRIQK,LINC02694,SPPL3,MTUS2,SNU13,KIRREL1,HNRNPLL,FAM193B,MARCHF7,TLNRD1,VPS9D1-AS1,SAXO2,EFL1,MTRFR,KLC1,OFCC1,ASS1P2,SNORC,COPS9,CORO7-PAM16,ICE1,GFUS,TANGO2,RTL10,LY75-CD302,RNASSP172,NPRL2,SRSF4,KANSL1,YJEFN3,ST20-MTHFS,POM121L4P,RAMAC,KAT14,ARIH2OS,PALM2AKAP2,ATP5IF1,ARHGEF33,MAU2,DPCD,ZC2HC1C,SLC35G1,SNORA79,HYKK,PCDHGA2,CEP295NL,PEX2,RBFOX1,CDHR1,LRATD1,CFAP99,PCDHGA9,STING1,NSD3,WDPCP,CEP85L,IHO1,TENM2,C20ORF204,TENM4,P2RX6P,DYNC2I1,PROB1,CIBAR1,ESS2,SLC49A3,CFAP251,TMEM200B,MRTFA,BOLA3P2,OR8T1P,PI4KAP1,SUGP1,NOTCH2NLA,PRB1,CARF,CAMKMT,FAXC,MIR2113,SOWAHA,EXOC3L4,SEPTIN5,METTL24,CDC45,HSP90AA1,INSYN1,TADA3,IGIP,MARF1,DESI1,ABHD16A,SPATA24,DCAF12,SYCE1L,MICU3,NCKAP5,SEL1L3,GOLGA6L9,MINAR1,SELENOK,BCDIN3D-AS1,COP1,DTXZP1,NCKAP5L,SELENOF,KMT2C,COA8,KMT2D,TMEM231,SRSF7,KBTBD12,GPR42,MESD,SRSF3,MPHOSPH9,ST20-AS1,DOP1B,DGCR11,DCAF1,KAR51,COL6A6

Interpretation of SEA brain region and development results table:
The first row lists the pSI thresholds, and the first column lists the adult brain regions and development
The values in the tables are the Fisher's Exact p-values, followed by the Benjamini-Hochberg (BH) corrected values in parentheses.
Click the linked p-values to see the overlapped genes for the corresponding adult brain regions and development and thresholds.
The BH corrected p-values are also illustrated graphically in the figure at the end.

Brain Regions and Development and P-Values	0.05	0.01	0.001	0.0001
Amygdala.Adolescence	0.121 (0.388)	0.920 (1.000)	1.000 (1.000)	1.000 (1.000)
Cerebellum.Adolescence	0.095 (0.356)	0.619 (1.000)	0.916 (1.000)	1.000 (1.000)
Cortex.Adolescence	9.642e-04 (0.014)	0.069 (0.808)	1.000 (1.000)	1.000 (1.000)
Hippocampus.Adolescence	0.565 (0.821)	0.418 (1.000)	1.000 (1.000)	1.000 (1.000)
Striatum.Adolescence	0.248 (0.596)	0.923 (1.000)	1.000 (1.000)	1.000 (1.000)
Thalamus.Adolescence	0.027 (0.135)	0.362 (1.000)	0.568 (1.000)	1.000 (1.000)
Amygdala.Early.Childhood	0.882 (0.941)	1.000 (1.000)	1.000 (1.000)	1.000 (1.000)
Cerebellum.Early.Childhood	0.030 (0.137)	0.069 (0.808)	0.479 (1.000)	0.298 (1.000)
Cortex.Early.Childhood	0.317 (0.636)	0.654 (1.000)	1.000 (1.000)	1.000 (1.000)
Hippocampus.Early.Childhood	0.629 (0.821)	0.527 (1.000)	1.000 (1.000)	1.000 (1.000)
Striatum.Early.Childhood	0.800 (0.905)	0.485 (1.000)	1.000 (1.000)	1.000 (1.000)
Thalamus.Early.Childhood	0.609 (0.821)	0.653 (1.000)	1.000 (1.000)	1.000 (1.000)
Amygdala.Early.Fetal	0.780 (0.901)	0.970 (1.000)	1.000 (1.000)	1.000 (1.000)
Cerebellum.Early.Fetal	0.003 (0.028)	0.062 (0.808)	0.763 (1.000)	0.710 (1.000)
Cortex.Early.Fetal	0.294 (0.636)	0.258 (1.000)	0.549 (1.000)	1.000 (1.000)
Hippocampus.Early.Fetal	0.764 (0.901)	0.889 (1.000)	1.000 (1.000)	1.000 (1.000)
Striatum.Early.Fetal	0.974 (0.974)	0.875 (1.000)	0.890 (1.000)	0.166 (1.000)
Thalamus.Early.Fetal	0.558 (0.821)	0.535 (1.000)	0.436 (1.000)	1.000 (1.000)
Amygdala.Early.Mid.Fetal	0.118 (0.388)	0.895 (1.000)	1.000 (1.000)	1.000 (1.000)
Cerebellum.Early.Mid.Fetal	0.157 (0.429)	0.525 (1.000)	0.887 (1.000)	1.000 (1.000)
Cortex.Early.Mid.Fetal	1.317e-04 (0.004)	0.017 (0.808)	0.412 (1.000)	1.000 (1.000)
Hippocampus.Early.Mid.Fetal	0.023 (0.135)	0.284 (1.000)	1.000 (1.000)	1.000 (1.000)
Striatum.Early.Mid.Fetal	0.005 (0.043)	0.348 (1.000)	0.568 (1.000)	1.000 (1.000)
Thalamus.Early.Mid.Fetal	0.318 (0.636)	0.860 (1.000)	1.000 (1.000)	1.000 (1.000)
Amygdala.Late.Fetal	0.902 (0.941)	0.625 (1.000)	1.000 (1.000)	1.000 (1.000)
Cerebellum.Late.Fetal	0.181 (0.473)	0.471 (1.000)	0.229 (1.000)	0.025 (1.000)
Cortex.Late.Fetal	0.123 (0.388)	0.095 (0.817)	0.025 (1.000)	1.000 (1.000)
Hippocampus.Late.Fetal	0.530 (0.821)	0.298 (1.000)	1.000 (1.000)	1.000 (1.000)
Striatum.Late.Fetal	0.300 (0.636)	0.409 (1.000)	1.000 (1.000)	1.000 (1.000)
Thalamus.Late.Fetal	0.967 (0.974)	0.859 (1.000)	0.895 (1.000)	1.000 (1.000)
Amygdala.Late.Infancy	0.876 (0.941)	0.975 (1.000)	1.000 (1.000)	1.000 (1.000)
Cerebellum.Late.Infancy	0.025 (0.135)	0.910 (1.000)	0.392 (1.000)	0.436 (1.000)
Cortex.Late.Infancy	0.621 (0.821)	1.000 (1.000)	1.000 (1.000)	1.000 (1.000)
Hippocampus.Late.Infancy	0.822 (0.913)	0.575 (1.000)	0.549 (1.000)	1.000 (1.000)
Striatum.Late.Infancy	0.680 (0.850)	0.986 (1.000)	1.000 (1.000)	1.000 (1.000)
Thalamus.Late.Infancy	0.372 (0.676)	0.836 (1.000)	1.000 (1.000)	1.000 (1.000)
Amygdala.Late.Mid.Fetal	0.131 (0.393)	0.349 (1.000)	1.000 (1.000)	1.000 (1.000)
Cerebellum.Late.Mid.Fetal	0.052 (0.222)	0.567 (1.000)	0.415 (1.000)	0.197 (1.000)
Cortex.Late.Mid.Fetal	0.007 (0.052)	0.289 (1.000)	1.000 (1.000)	1.000 (1.000)
Hippocampus.Late.Mid.Fetal	0.330 (0.639)	0.183 (1.000)	0.109 (1.000)	0.124 (1.000)
Striatum.Late.Mid.Fetal	0.393 (0.694)	0.331 (1.000)	0.246 (1.000)	0.162 (1.000)
Thalamus.Late.Mid.Fetal	0.715 (0.876)	0.467 (1.000)	0.441 (1.000)	0.886 (1.000)
Amygdala.Middle.Late.Childhood	0.910 (0.941)	1.000 (1.000)	1.000 (1.000)	1.000 (1.000)
Cerebellum.Middle.Late.Childhood	0.012 (0.079)	0.111 (0.835)	1.000 (1.000)	1.000 (1.000)
Cortex.Middle.Late.Childhood	0.587 (0.821)	0.730 (1.000)	0.549 (1.000)	1.000 (1.000)
Hippocampus.Middle.Late.Childhood	0.621 (0.821)	0.653 (1.000)	1.000 (1.000)	1.000 (1.000)
Striatum.Middle.Late.Childhood	0.774 (0.901)	0.993 (1.000)	1.000 (1.000)	1.000 (1.000)
Thalamus.Middle.Late.Childhood	0.521 (0.821)	0.994 (1.000)	1.000 (1.000)	1.000 (1.000)
Amygdala.Neotal.Early.Infancy	0.541 (0.821)	0.327 (1.000)	0.085 (1.000)	1.000 (1.000)
Cerebellum.Neotal.Early.Infancy	0.286 (0.636)	0.612 (1.000)	0.916 (1.000)	0.768 (1.000)
Cortex.Neotal.Early.Infancy	2.281e-04 (0.005)	0.770 (1.000)	0.485 (1.000)	1.000 (1.000)
Hippocampus.Neotal.Early.Infancy	0.577 (0.821)	0.359 (1.000)	1.000 (1.000)	1.000 (1.000)
Striatum.Neotal.Early.Infancy	0.095 (0.356)	0.205 (1.000)	1.000 (1.000)	1.000 (1.000)
Thalamus.Neotal.Early.Infancy	0.002 (0.021)	0.081 (0.808)	0.390 (1.000)	1.000 (1.000)
Amygdala.Young.Adulthood	0.664 (0.847)	0.778 (1.000)	1.000 (1.000)	1.000 (1.000)
Cerebellum.Young.Adulthood	0.355 (0.666)	0.774 (1.000)	1.000 (1.000)	1.000 (1.000)
Cortex.Young.Adulthood	8.368e-06 (5.021e-04)	0.054 (0.808)	1.000 (1.000)	1.000 (1.000)
Hippocampus.Young.Adulthood	0.513 (0.821)	0.644 (1.000)	0.638 (1.000)	1.000 (1.000)
Striatum.Young.Adulthood	0.138 (0.395)	0.712 (1.000)	0.197 (1.000)	1.000 (1.000)
Thalamus.Young.Adulthood	0.199 (0.498)	0.195 (1.000)	1.000 (1.000)	1.000 (1.000)



The overlapped genes for every brain region and development (pSI threshold 0.05 **) are:**
Amygdala.Adolescence : CHST6, CPNE5, GRIN2A, FAM153B, MCHR1, DYSF, KCNH3, DIO2, PCDH7, DNAJC22, MAPK3, P2RX2, GPR37, NCKIPSD, SYNJ2, PREX1, GABRA2, ABCA2, SLC7A4, OPRD1, MPL, PITPNM2, SLITRK1, MCHR2
Cerebellum.Adolescence : ANKRD34C, FLT3, GPLD1, PDZK1, KCNJ11, RTN4R, CALN1, CCDC134, LAMA5, FARP2, AMH, UNC13C, ZFYVE28, CDH23, MAP3K6, PRSS3, CRHR1, KCNC3, ABCA7, YPEL4, COL8A1, PLA2R1, TOB2, EPB41, CNTN6, RELN, FGF17, KCNIP4, ARHGAP26, ZDHHC11, RASGRP1, DHDDS, TEF, GPR63, NR4A2, PAN3, FAM153B, KCNK1, YIPF7, ARVCF, CHGB, CADPS2, CDH7, RIMS1, STARD5
Cortex.Adolescence : ANKRD34C, PI4KA, GRIN2A, FAM153B, MCHR1, KCNH3, FHL2, SULT4A1, PCDH7, KCNC3, RHEBL1, NSF, HRH2, P2RX6, BHLHE40, NCKIPSD, CX3CL1, OLFM1, RASGRP1, HCN1, SLC24A2, DAGLA, AGBL4, SLC4A10, DUSP6, RIMBP2, OPRD1, MPL, PITPNM2, SLITRK1, MCHR2, NGEF, PPP1R16B, KALRN
Hippocampus.Adolescence : CHST6, PI16, SORT1, DYSF, KCNH3, DNAJC22, CHST5, P2RX2, P2RX6, HPD, SLC39A12, CHADL, AEBP1, ABCA2, PDE6B, SLC7A4, IGSF10, OPRD1, CLCA4, CHDH, PRODH, GEM
Striatum.Adolescence : CHST6, COL9A2, DYSF, PLEK, ZDHHC11, CALN1, GPR75, SORT1, CPNE5, KLHL32, CPS1, BBX, MYO10, ETV7, STON2, DDN, DNAJC22, DLC1, GPR37, HRH2, CACNA1S, BHLHE40, OBSCN, TJP1, DRD2, FMO2, DLX6, SLC24A2, PREX1, RBMS1, CTNNA3, ABCA2, TRMT61A, OPRD1, KLB, GPR149, YIPF7, CLCA4, CMTM5, NGEF, PPP1R16B
Thalamus.Adolescence : ANKRD34C, PDCD1, FLT3, OPRM1, CPEB1, WNT3, HCN4, DHRS11, TNFAIP2, KCNH5, SAMD11, CRHR1, CLTCL1, TANC1, SLC23A2, NSF, DPP6, ADM, P2RX6, BHLHE40, HDC, CNTNAP5, SYNJ2, ADAM23, HPD, FMO2, RASGRP1, PAM, SLC24A2, MEI1, SGPP2, SEMA3E, PTPRU, VWC2, ALPK3, MAP3K6, HOMER2, PDE4A, EMB
Amygdala.Early.Childhood : CMTM5, GRIN2A, CXCL14, CLDN5, DPEP2
Cerebellum.Early.Childhood : FLT3, GPLD1, PDZK1, KCNJ11, RTN4R, CALN1, LAMA5, FARP2, AMH, UNC13C, ZFYVE28, ZNF385D, CDH23, OAS3, CRHR1, KCNC3, ABCA7, SPRY3, MUC6, YPEL4, CD160, PLA2R1, POLE, RANBP10, EPB41, CNTN6, RELN, FGF17, ARHGAP26, TOB2, SPRY2, PRSS3, DAGLA, DHDDS, PAN3, MXD4, KCNK1, YIPF7, ARVCF, ANK3, CHGB, CADPS2, CDH7, RIMS1, STARD5
Cortex.Early.Childhood : ANKRD34C, SLC39A12, CXCL14, MPL, PITPNM2, CX3CL1, HRH2, GRIN2A, KALRN, MCHR2, OLFM1, DIO2, CACNA1I, FHL2
Hippocampus.Early.Childhood : SLC39A12, PI16, CLDN5, DNAJC22, DLEC1, RASL11A, SLC27A2, HPD, CHADL, P2RX2, SORT1, CLCA4, SELE, GPR37, SERPIND1, CMTM5, EPSTI1, COL8A1, SGCZ
Striatum.Early.Childhood : DRD2, NGEF, DDN, CX3CL1, VGF, CACNA2D3, OPRD1, GPR149, DLC1, CPNE5, DLX6, HRH2, MPPE1, CMTM5, PPP1R16B
Thalamus.Early.Childhood : KCNH5, HDC, SAMD11, MGST1, PDCD1, VWC2, AIFM3, EMB, WNT3, TANC1, SLC24A2, HOMER2, ANKRD34C, ADM, RASL11A, MEI1, ADAM23
Amygdala.Early.Fetal : PCDHB13, TROAP, SCN5A, WDR62, MEX3B, NOTCH1, RRM1, RBM12B, KIF24, BEND4, ZNF518B, XYLT1, SENP1, RNF169, IGSF3, TEAD2, GABPB1, CAPN6, PIM1, DLX6, PTBP2, KIF20B, EGFR, HMGN2, EPHB2, RFWD3, SERINC2, KDM5B, GPR149, LTBP1, POLD1, IGF2BP1, COL5A1, ZNF681, CD276
Cerebellum.Early.Fetal : DHX57, POU3F2, COL4A2, TBX1, FOXP1, KDM5B, CNTNAP2, CHRNB4, AMH, PRKAR2A, KLHL5, HCN4, FBN2, ROBO3, ZNF385D, ZNF33B, SPRY3, RBM12B, SLC6A4, COL6A3, NFE2L3, BEND4, NPAS3, EPB41, RBMS1, IGSF3, CABLES2, TRIO, CELSR3, ABCC1, ADAMTS6, PRPH, POU4F2, COL5A1, KIF26B, DCC, BAZ2B, RAB42, PABPC5, PCDH17, EPHB2, KIDINS220, DOK3, DNAJB7, IGSF10, BCL11A, WNT1, PHOX2B, CNTNAP4, IGF2BP1, C1QL4, POSTN, RUNX1T1
Cortex.Early.Fetal : LMO3, BCL7A, TROAP, BCL11A, KCNH7, NEO1, DPP4, AFF3, MEX3B, FBN2, YTHDF2, NOTCH1, RRM1, ZNF33B, ZNF529, LIMCH1, CSGALNACT2, RBM12B, RNF169, PAPOLG, KIF24, ZNF518B, RCAN1, SENP1, ASPN, IGSF3, CELSR3, ADAMTS6, PTPRU, COL6A3, NR4A2, KDM5B, DCC, ANKRD45, PIM1, SLC26A2, PTBP2, KIF20B, FBN3, KIDINS220, TBR1, RFWD3, HS3ST4, DAP, SERINC2, XRN2, POLD1, MATN1, IGF2BP1, ZNF681
Hippocampus.Early.Fetal : TROAP, THBS1, KDM5B, ALDH18A1, WDR62, CHRNB4, HS2ST1, HTRA3, MEX3B, FBN2, NOTCH1, RRM1, LY6G6D, PKN2, PPP1R3B, PROKR2, KIF24, SERPIND1, SENP1, LY6G6F, COL6A3, STON2, DCC, TSHR, WNT5A, KIF20B, TEAD2, LOXL1, HMGN2, EPHB2, TBR1, RFWD3, SERINC2, XRN2, LTBP1, POLD1, PIM1, IGF2BP1, COL5A1, ZNF681
Striatum.Early.Fetal : POU3F2, TROAP, SCN5A, KCNH7, WDR62, NOTCH1, RRM1, PKN2, RBM12B, DNAH11, KIF24, CXXC4, GEM, BEND4, XYLT1, SENP1, RNF169, TEAD2, GABPB1, CAPN6, PIM1, DLX6, PTBP2, KIF20B, RAB42, HMGN2, EPHB2, RFWD3, ZBTB20, SERINC2, GPR149, POLD1, IGF2BP1, ZNF681, POLE, MPHOSPH9, CD276
Thalamus.Early.Fetal : POU3F2, WNT3, OPRM1, TEAD2, MAPT, PRKAR2A, MEX3B, HCN4, CNTNAP2, RRM1, ERC2, RBM12B, PPP1R3B, NEO1, CXXC4, BEND4, ZNF518B, SENP1, IGSF3, CABLES2, KLHL5, TUBA1A, RAB42, PABPC5, SLC26A2, PTBP2, KIF20B, OPRK1, HMGN2, EPHB2, KIDINS220, DUSP6, ZNF681, KDM5B, SDC3, IGF2BP1, LOXL1, RUNX1T1, CD276
Amygdala.Early.Mid.Fetal : POU3F2, BCL7A, TROAP, WDR62, NIPBL, AFF3, THBS1, MEX3B, FBN2, NOTCH1, RRM1, NINL, KIF24, POLE, SF3A2, IGSF3, CELSR3, PRPH, TEAD2, GTF2IRD1, GABPB1, PIM1, DLX6, KIF20B, EGFR, ZNF74, CENPJ, HMGN2, FBN3, EPHB2, VPS37B, TBR1, SERINC2, LTBP1, POLD1, IGF2BP1, DBN1, CD276
Cerebellum.Early.Mid.Fetal : TROAP, ADAMTS6, TEAD2, CHRNB4, FBN2, HTRA3, HCN4, C1QL4, COL4A2, ROBO3, SPAG17, SAMD11, SLC6A4, PPP1R3B, KIF24, NFE2L3, POLE, SERPIND1, NPAS3, LOXL1, RBMS1, COL6A3, ABCC1, RELN, PRPH, POU4F2, GTF2IRD1, SLC27A2, DCC, RAB42, PCDH17, ZNF536, EGFR, EPHB2, WNT5A, SCARF2, IGSF10, WNT1, GPR157, IGF2BP1, COL5A1, POSTN, CD276
Cortex.Early.Mid.Fetal : POU3F2, LMO3, BCL7A, MYT1L, PCDH11X, NEO1, DPP4, MAPT, TNIK, AFF3, THBS1, FBN2, YTHDF2, ZNF33B, LIMCH1, CSGALNACT2, TUBA1A, PROKR2, PAPOLG, RCAN1, IGSF3, ZNF557, TRIO, CELSR3, PTPRU, COL6A3, OBSCN, DNAH10, KDM5B, DCC, FLG, EEF2, GPRIN1, EFNA5, MEX3B, NR4A2, ZNF74, FBN3, KIDINS220, SEMA3E, TBR1, HS3ST4, DAP, SERINC2, BCL11A, XRN2, TCF20, IGF2BP1, RUNX1T1, DBN1, SH3BP2
Hippocampus.Early.Mid.Fetal : BCL7A, TROAP, THBS1, FBN2, NOTCH1, LY6G6D, SELE, SERPIND1, LOXL1, IGSF3, LY6G6F, COL6A3, POU4F2, KIF26B, DCC, TSHR, FLG, PIM1, MEX3B, EGFR, ZNF74, TBR1, ZBTB20, SERINC2, KDM5B, LTBP1, PROKR2, IGF2BP1, COL5A1, DBN1, CD276
Striatum.Early.Mid.Fetal : PCDHB13, PDCD1, FOXP1, BCL11A, SCN5A, CNTNAP5, CHRNB4, CNTNAP2, RIMBP3, NINL, KDM5B, CXXC4, LMO4, IGSF3, TRIO, CELSR3, HDC, RELN, GTF2IRD1, SORCS3, KIF26B, DCC, ANKRD45, DRD2, DLX6, PCDH17, ZNF74, FBN3, KIDINS220, MYT1L, WNT1, GPR149, TCF20, IGF2BP1, RUNX1T1, SH3BP2
Thalamus.Early.Mid.Fetal : KLHL5, OPRM1, CHRNB4, MAPT, PRKAR2A, WNT3, CNTNAP2, CHRNA7, ERC2, TUBA1A, PPP1R3B, CXXC4, OPRK1, CNTN6, CABLES2, HDC, CACNA2D3, PABPC5, MDGA2, RUNX1T1, PCDH17, FLG, IGSF10, IGSF3, PCDHAC1, CDH7, HOMER2, NXPH1, SDC3
Amygdala.Late.Fetal : POU3F2, LY6G6D, TBR1, PI16, LY6G6F, SERINC2, PLEK, FPR1, SLC10A4, GCG, NOTCH1, LTBP1, PRPH, THBS1, CAPN6, LAPTM5, GEM, MPO
Cerebellum.Late.Fetal : THBS1, OPRM1, FPR1, MCHR1, ADAMTS6, MPO, CRHR1, ITGB6, NEO1, IL17RB, NPAS3, EPB41, RELN, PRPH, POU4F2, KCNIP4, CAPN6, PABPC5, PLEKHH2, EGFR, EPHB2, FLG, WNT5A, CTNNA3, PAN3, CSMD3, COL5A1, ANK3, CADPS2, CDH7, STARD5
Cortex.Late.Fetal : POU3F2, LMO3, GPRIN1, DPP4, PCDHAC1, AFF3, THBS1, TNFAIP2, MPO, TUBA1A, NEO1, MACROD1, CXXC4, NFE2L3, LMO4, OPRK1, PTBP2, NR4A2, TBR1, WNT10B, TM6SF1, PROKR2, WWC1, MCHR2, POSTN, PCDH11X
Hippocampus.Late.Fetal : SEMA3E, PRPH, SIGLEC14, SLC23A1, PLEK, TSHR, TUBA1A, FPR2, FPR1, RAB42, LTBP1, PROKR2, PI16, SPAG17, C1QL4, EGFR, LAPTM5, C10ORF67, FSIP1, MPO
Striatum.Late.Fetal : PCDHB13, PDCD1, TROAP, FOXP1, CNTNAP2, SCN5A, WDR62, TNFRSF13C, CPNE5, UBAP2, C1QL4, NOTCH1, MPO, PROKR2, ZNF837, KIF24, CXXC4, LMO4, RRM1, CNTNAP5, SORCS3, RAB42, DRD2, DLX6, GABPB1, FBN3, CHRNB4, RFWD3, SCARF2, KLB, GPR149, POLD1, SLC29A3, PCDH11X
Thalamus.Late.Fetal : HDC, RHEBL1, WNT10B, B3GNT4, CACNA2D3, LAPTM5, PLEK, FPR1, TUBA1B, OLFM1, SYT17, UCHL1, STARD3NL, CSDC2, SLC29A3, C1QL4, NXPH1, CNTN6, TUBA1A, MPO
Amygdala.Late.Infancy : LY6G6D, ZNF577, ZNF799, KCNMB3, CLDN5, CD302, VRK2, CXCL14, AIFM3, PHF14, FPR1, DPEP2, APOM, RPS21, NDUFB1, FKBP11, IFIH1, CMTM5, CBR3, EPSTI1, ASPN
Cerebellum.Late.Infancy : CDH23, FLT3, RHEBL1, PDZK1, NDUFB1, KCNJ11, OPRM1, RTN4R, TNFRSF13C, LAMA5, FARP2, CDH7, AMH, UNC13C, CENPT, ZNF385D, DGCR8, DCAF4L1, ZNF577, ADRM1, CRHR1, KCNC3, ABCA7, MUC6, GPLD1, PLA2R1, RANBP10, TOB2, EPB41, CNTN6, LY6G6F, NUDT17, RELN, LY6G6D, VPS13A, ZDHHC11, ST20, PRSS3, FAM153B, AQP5, NR4A2, CCDC66, MXD4, KCNK1, YIPF7, RPS21, CHGB, CADPS2, IP6K2, NOP14, RIMS1, STARD5
Cortex.Late.Infancy : IFIH1, FKBP11, RHEBL1, KCNMB3, MTIF3, UNC13C, GTF3A, CXCL14, ST20, NDUFB1, MCHR2, CBR3, SLC39A12, EPSTI1
Hippocampus.Late.Infancy : NDUFB1, CDK2AP1, SLC39A12, SLC43A1, ASPN, ZNF577, MTIF3, P2RX2, IL17RB, FSIP1, KCNMB3, CLDN5, OXNAD1, CXCL14, ST20, POSTN, DPEP2, CBR3, IFIH1, AIFM3, DNAJC15, RPS21, CMTM5, EPSTI1, APOM
Striatum.Late.Infancy : NDUFA4, CD302, NDUFB1, PI16, MRPL40, LY6G6D, POLN, MTIF3, POLR2I, RBX1, KCNMB3, CLDN5, CXCL14, ST20, PNKD, DPEP2, AQP5, IFIH1, NDUFA13, PHF14, RPS21, CMTM5, CBR3, APOM
Thalamus.Late.Infancy : HDC, AIFM3, SAMD11, MGST1, PDCD1, CLTCL1, VWC2, PDGFRL, HPD, SLC39A12, NDUFB1, CDKN1A, KCNMB3, FHIT, VGF, HOMER2, ADM, CNTN6, AQP5, MEI1
Amygdala.Late.Mid.Fetal : STK38, TROAP, CHRNB4, THBS1, DPP4, SPAG17, ZNF33B, LMBR1L, NINL, ZNF83, MYO19, BEND4, ABCC1, STARD9, PRPH, FGF17, DNAH7, FLG, ZNF382, GPRIN1, LY6G5B, CENPJ, FBN3, NR4A2, TBR1, DNAJB7, IGSF10, PROKR2, TRIO, POSTN, PCDH11X
Cerebellum.Late.Mid.Fetal : STARD9, KCTD20, TROAP, MCHR1, NEO1, SCN5A, ADAMTS6, WDR62, CHRNB4, KIF20B, SYNJ2, THBS1, PREX1, FBN2, WBP2NL, ROBO3, ZNF33B, NINL, PPP1R3B, RFWD3, KIF24, NFE2L3, XYLT1, POLE, LOXL1, RBMS1, LIX1L, TEAD2, RELN, PRPH, POU4F2, OBSCN, KCNIP4, TNFRSF13C, DCC, BAZ2B, MPHOSPH9, PABPC5, ZNF169, PCDH17, PLCH1, EGFR, CENPJ, FBN3, EPHB2, FLG, WNT5A, PLEKHH2, PAN3, SERINC2, ARVCF, IGF2BP1, COL5A1, COL4A2, CDH7
Cortex.Late.Mid.Fetal : POU3F2, BCL7A, DPP4, MAPT, AFF3, THBS1, HCN4, TNFAIP2, LY6G6D, NINL, NEO1, MACROD1, CXXC4, NFE2L3, CTRL, LMO4, TRIO, FGF17, OBSCN, DNAH10, ZNF169, ZNF382, GPRIN1, MEX3B, FBN3, TBR1, MYT1L, TM6SF1, PROKR2, WWC1, PCDH11X, MCHR2, RUNX1T1, LY6G6F, CACNA1I, SH3BP2
Hippocampus.Late.Mid.Fetal : DLEC1, DNAH7, DYNC2H1, THBS1, SPAG17, C10ORF67, DNAH11, SERPIND1, FSIP1, DNAH10, KIF26B, TSHR, FLG, DNAH3, FBN3, SEMA3E, ZBTB20, IGSF10, TSNAXIP1, LTBP1, PROKR2, CASP8, BNC1, TMEM67, DNAH5
Striatum.Late.Mid.Fetal : PDCD1, TROAP, FOXP1, WDR62, RGS12, CPNE5, C1QL4, SF3A2, DGCR8, RIMBP3, NINL, ZNF837, LMO4, FGF17, SORCS3, MPPE1, DRD2, DLX6, RAB42, FBN3, PCDH17, SCARF2, BCL11A, WNT1, GPR149, TCF20, NGEF, SH3BP2, GSC2
Thalamus.Late.Mid.Fetal : DNAH1, DLEC1, SLC23A1, DNAH7, DYNC2H1, C1QL4, SPAG17, C10ORF67, DNAH11, KIF24, NEGR1, FSIP1, HDC, ADAMTS6, GABRG1, DNAH10, LRRC43, PCDH12, FMO2, DNAH3, COL8A1, ODF2L, TSNAXIP1, ALPK3, CASP8, TMEM67, SDC3, DNAH5
Amygdala.Middle.Late.Childhood : SLC7A4, MAPK3, P2RX2, CLCA4, MCHR2, SGCZ
Cerebellum.Middle.Late.Childhood : FLT3, GPLD1, KCNJ11, ASIH1L, ZDHHC11, CALN1, CCDC134, LAMA5, PDZK1, CDH7, AMH, UNC13C, ZFYVE28, ZNF385D, CDH23, MAP3K6, PHC3, CRHR1, KCNC3, SPRY3, TMED3, YPEL4, COL8A1, PLA2R1, POLE, RANBP10, EPB41, SGPP2, INO80D, RELN, OBSCN, ARHGAP26, TOB2, WWOX, SPRY2, RASGRP1, HCN1, ATN1, PRSS3, DHDDS, TEF, NR4A2, PAN3, FAM153B, KCNK1, RERE, ARVCF, ANK3, CHGB, CADPS2, NOP14, RIMS1, STARD5
Cortex.Middle.Late.Childhood : AGBL4, SULT4A1, RHEBL1, VAMP7, MDH1, HCN1, MPL, GRIN2A, MCHR1, MCHR2, OLFM1, NGEF, ARHGEF3, P2RX6, FHL2
Hippocampus.Middle.Late.Childhood : SLC4A10, NDUFA4, CTNNA3, SLC27A2, MDH1, HPD, RASL11A, NSF, P2RX2, SORT1, CLCA4, GPR37, IMPA1, SLC39A12
Striatum.Middle.Late.Childhood : PDCD1, NDUFA4, WBP2NL, PDGFRL, PLEK, FPR1, CPNE5, CPS1, FHIT, NUDT17, RASL11A, IL17RB, CACNA1S, MGST1, BST1, DRD2, AQP5, TEF, NDUFA13, GPR75, GPR149, YIPF7, CLCA4, CBR3, NGEF, C10ORF67
Thalamus.Middle.Late.Childhood : ANKRD34C, PDCD1, MDH1, ZDHHC11, SLC10A4, CPEB1, WNT3, OAS3, KCNH5, NAPSA, CLTCL1, RASL11A, ADAM23, NSF, OPRK1, ADM, TLK1, MGST1, FPR1, DRD2, PAM, MEI1, SGPP2, SEMA3E, CACNA1S, XPNPEP3, GFM2, HOMER2, NXPH1, EMB
Amygdala.Neotal.Early.Infancy : SCARF2, DDN, MUC6, SCN5A, WNT1, TSHR, DIO2, GP1BB, KCNH3, CCDC85A, SLC23A1, CACNA1I, SGCZ
Cerebellum.Neotal.Early.Infancy : FLT3, RTN4R, TNFRSF13C, LAMA5, PDZK1, AMH, ZNF385D, ASPN, CDH23, CRHR1, KCNC3, SLC6A4, NUP85, SERPIND1, CNTN6, COL6A3, RELN, LY6G6D, KCNIP4, ARHGAP26, CAPN6, GPR63, WNT5A, KCNK1, BNC1, COL5A1, CHGB, EPSTI1, CADPS2, CDH7, STARD5
Cortex.Neotal.Early.Infancy : SLC10A4, GRIN2A, KALRN, THBS1, KCNH3, UNC13C, TM6SF1, ARHGEF3, ASPN, ERC2, DDN, VGF, RHEBL1, LINGO1, GP1BB, HRH2, SULT4A1, ADCY2, SHANK2, CX3CL1, OLFM1, SGCZ, PLCH1, HS3ST4, RIMBP2, WNT10B, PITPNM2, SYT17, PROKR2, WWC1, CCDC85A, MCHR2, CACNA1I
Hippocampus.Neotal.Early.Infancy : ASPN, COL6A3, TRAF3, MUC6, CXCL14, P2RX2, SYT17, FMO2, TSHR, SERPIND1, NPAS3, GAL3ST2, SLC23A1, DIO2
Striatum.Neotal.Early.Infancy : PDCD1, SLC10A4, SLC23A1, ASPN, HTRA3, GAL3ST2, ETS1, ETV7, FN1, DDN, DLC1, GP1BB, HRH2, CACNA1S, FGF17, LRRC43, PCDH12, MPPE1, DRD2, DLX6, COL8A1, SGCZ, CX3CL1, OPRD1, WNT1, GPR149, PRR7, NGEF, PPP1R16B
Thalamus.Neotal.Early.Infancy : ANKRD34C, PDCD1, MCHR1, PDGFRL, UCHL1, CDKN1A, WNT3, HCN4, FBXO10, CHRNA7, KCNH5, NRCAM, SAMD11, VGF, TANC1, SLC23A2, OLFM1, OPRK1, CNTN6, SLC45A1, HDC, CNTNAP5, OPRM1, TLK1, DGKQ, KCNIP4, NLGN4X, CX3CL1, ADAM23, SLC24A2, MEI1, SGPP2, GPR63, WNT5A, VWC2, ABCB9, ALPK3, TLN2, CCDC85A, RIMS1, SLC29A3, CLTCL1, HOMER2, IMPA1, NXPH1, EMB
Amygdala.Young.Adulthood : PI16, CT