

Gene symbol	EntrezID	Gene description	Target tissue specimen	Specimen type
A2M	2	alpha-2-macroglobulin	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
ABAT	18	4-aminobutyrate aminotransferase	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
ACE	1636	angiotensin I converting enzyme (peptidyl-dipeptidase A) 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
ADORA2A	135	adenosine A2a receptor	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
ADRA1B	147	adrenergic, alpha-1B-, receptor	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
ADRBK2	157	adrenergic, beta, receptor kinase 2	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
AHI1	54806	Abelson helper integration site 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
AKT1	207	v-akt murine thymoma viral oncogene homolog 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
ALDH2	217	aldehyde dehydrogenase 2 family (mitochondrial)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
AMBRA1	55626	autophagy/beclin-1 regulator 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
ANK3	288	ankyrin 3, node of Ranvier (ankyrin G)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
APBB2	323	amyloid beta (A4) precursor protein-binding, family B, member 2	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
APOE	348	apolipoprotein E	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
APP	351	amyloid beta (A4) precursor protein	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
ARC	23237	activity-regulated cytoskeleton-associated protein	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
ARRB1	408	arrestin, beta 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
ATF4	468	activating transcription factor 4 (tax-responsive enhancer element B67)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
ATF5	22809	http://www.genecards.org/cgi-bin/carddisp.pl?gene=ATF5&search=disc1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
ATP1A3	478	ATPase, Na+K+ transporting, alpha 3 polypeptide	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
AUH	549	AU RNA binding protein/enoyl-Coenzyme A hydratase	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
AVPR1A	552	arginine vasopressin receptor 1A	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
B3GNT1	11041	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 1; UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyl	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
BDNF	627	brain-derived neurotrophic factor	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
BLMH	642	bleomycin hydrolase	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
BZRAP1	9256	benzodiazepine receptor (peripheral) associated protein 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
C1QA	712	complement component 1, q subcomponent, A chain	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
C4orf31	79625	chromosome 4 open reading frame 31	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
C6orf217	1E+08	chromosome 6 open reading frame 217	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
C8orf46	254778	chromosome 8 open reading frame 46	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
CA10	56934	carbonic anhydrase X	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
CABP7	164633	calcium binding protein 7	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
CACNA1C	775	calcium channel, voltage-dependent, L type, alpha 1C subunit	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
CAMK2A	815	calcium/calmodulin-dependent protein kinase II alpha	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
CBLN2	147381	cerebellin 2 precursor	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
CCK	885	cholecystokinin	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
CCKAR	886	cholecystokinin A receptor	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
CDH10	1008	cadherin 10, type 2 (T2-cadherin)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
CDH11	1009	cadherin 11, type 2, OB-cadherin (osteoblast)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
CDH8	1006	cadherin 8, type 2	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
CDH9	1007	cadherin 9, type 2 (T1-cadherin)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
CDK5	1020	cyclin-dependent kinase 5	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
CDKL5	6792	cyclin-dependent kinase-like 5	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
CHGB	1114	chromogranin B (secretogranin 1)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
CHL1	10752	cell adhesion molecule with homology to L1CAM (close homolog of L1)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
CHRNA7	1139	cholinergic receptor, nicotinic, alpha 7	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
CHRNB3	1142	cholinergic receptor, nicotinic, beta 3	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
CHRNB4	1143	cholinergic receptor, nicotinic, beta 4	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
CIT	11113	citron (rho-interacting, serine/threonine kinase 21)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
CLDN5	7122	claudin 5	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
CNP	1267	2',3'-cyclic nucleotide 3' phosphodiesterase	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
CNTN4	152330	contactin 4	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
CNTNAP2	26047	contactin associated protein-like 2	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
GOCH	1690	coagulation factor C homolog, cochlin (Limulus polyphemus)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
COMT	1312	catechol-O-methyltransferase	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
CPLX3	594855	complexin 3	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
CPNE6	9362	copine VI (neuronal)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
CPNE9	151835	copine family member IX	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
CREB1	1385	cAMP responsive element binding protein 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
CREG2	200407	cellular repressor of E1A-stimulated genes 2	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
CRH	1392	corticotropin releasing hormone	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
CRHBP	1393	corticotropin releasing hormone binding protein	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
CRHR1	1394	corticotropin releasing hormone receptor 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
CRHR2	1395	corticotropin releasing hormone receptor 2	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
CSNK1E	1454	casein kinase 1, epsilon	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
DAO	1610	D-amino-acid oxidase	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
DCC	1630	deleted in colorectal carcinoma	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
DGCR8	54487	DiGeorge syndrome critical region gene 8	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
DISC1	27185	disrupted in schizophrenia 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
DLG3	1741	discs, large homolog 3 (Drosophila)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
DLG4	1742	discs, large homolog 4 (Drosophila)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
DLGAP3	58512	discs, large (Drosophila) homolog-associated protein 3	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
DLX1	1745	distal-less homeobox 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
DLX6	1750	distal-less homeobox 6	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
DNMT3A	1788	DNA (cytosine-5-)methyltransferase 3 alpha	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
DRD1	1812	dopamine receptor D1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult

DRD2	1813	dopamine receptor D2	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
DRD4	1815	dopamine receptor D4	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
DRD5	1816	dopamine receptor D5	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
DTNBP1	84062	dystrobrevin binding protein 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
EFNA1	1942	ephrin-A1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
EFNA5	1946	ephrin-A5	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
ELAVL4	1996	ELAV (embryonic lethal, abnormal vision, Drosophila)-like 4 (Hu antigen D)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
EN2	2020	engrailed homeobox 2	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
ENPP2	5168	ectonucleotide pyrophosphatase/phosphodiesterase 2	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
EPAS1	2034	endothelial PAS domain protein 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
EPHA5	2044	EPH receptor A5	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
EPHA7	2045	EPH receptor A7	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
ERBB3	2065	v-erb-b2 erythroblastic leukemia viral oncogene homolog 3 (avian)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
ERBB4	2066	v-erb-a erythroblastic leukemia viral oncogene homolog 4 (avian)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
EXTL1	2134	exostoses (multiple)-like 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
EYA1	2138	eyes absent homolog 1 (Drosophila)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
FAM40B	57464	family with sequence similarity 40, member B	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
FEZ1	9638	fasciculation and elongation protein zeta 1 (zygin I)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
FEZF2	55079	FEZ family zinc finger 2	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
FMR1	2332	fragile X mental retardation 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
FOS	2353	FBJ murine osteosarcoma viral oncogene homolog	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
FOSB	2354	FBJ murine osteosarcoma viral oncogene homolog B	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
FOXJ1	2302	forkhead box J1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
FOXP2	93986	forkhead box P2	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
GABRA4	2557	gamma-aminobutyric acid (GABA) A receptor, alpha 4	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
GABRB2	2561	gamma-aminobutyric acid (GABA) A receptor, beta 2	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
GABRB3	2562	gamma-aminobutyric acid (GABA) A receptor, beta 3	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
GAD2	2572	glutamate decarboxylase 2 (pancreatic islets and brain, 65kDa)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
GBA	2629	glucosidase, beta; acid (includes glucosylceramidase)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
GDA	9615	guanine deaminase	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
GPR6	2830	G protein-coupled receptor 6	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
GRIA2	2891	glutamate receptor, ionotropic, AMPA 2	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
GRIA3	2892	glutamate receptor, ionotropic, AMPA 3	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
GRIK1	2897	glutamate receptor, ionotropic, kainate 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
GRIK2	2898	glutamate receptor, ionotropic, kainate 2	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
GRIK3	2899	glutamate receptor, ionotropic, kainate 3	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
GRIK4	2900	glutamate receptor, ionotropic, kainate 4	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
GRIN1	2902	glutamate receptor, ionotropic, N-methyl D-aspartate 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
GRIN2A	2903	glutamate receptor, ionotropic, N-methyl D-aspartate 2A	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
GRIN2B	2904	glutamate receptor, ionotropic, N-methyl D-aspartate 2B	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
GRM1	2911	glutamate receptor, metabotropic 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
GRM3	2913	glutamate receptor, metabotropic 3	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
GRM7	2917	glutamate receptor, metabotropic 7	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
HBB	3043	hemoglobin, beta	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
HBZ	3050	hemoglobin, zeta	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
HOMER1	9456	homer homolog 1 (Drosophila)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
HPCAL1	3241	hippocalcin-like 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
HSPA2	3306	heat shock 70kDa protein 2	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
HTR1A	3350	5-hydroxytryptamine (serotonin) receptor 1A	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
HTR2A	3356	5-hydroxytryptamine (serotonin) receptor 2A	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
HTRA2	27429	HtrA serine peptidase 2	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
ID2	3398	inhibitor of DNA binding 2, dominant negative helix-loop-helix protein	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
IGFBP2	3485	insulin-like growth factor binding protein 2, 36kDa	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
ITGB3	3690	integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
JAKMIP1	152789	janus kinase and microtubule interacting protein 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
KCNB1	3745	potassium voltage-gated channel, Shab-related subfamily, member 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
KCNC1	3746	potassium voltage-gated channel, Shaw-related subfamily, member 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
KIAA0748	9840	KIAA0748	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
KLK6	5653	kallikrein-related peptidase 6	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
LEF1	51176	lymphoid enhancer-binding factor 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
LMO3	55885	LIM domain only 3 (rhombotin-like 2)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
LPL	4023	lipoprotein lipase	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
LRRC4	64101	leucine rich repeat containing 4	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
LRRK2	120892	leucine-rich repeat kinase 2	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
LZTS1	11178	leucine zipper, putative tumor suppressor 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
MAG	4099	myelin associated glycoprotein	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
MAN1A1	4121	mannosidase, alpha, class 1A, member 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
MAOA	4128	monoamine oxidase A	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
MAOB	4129	monoamine oxidase B	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
MDGA1	266727	MAM domain containing glycosylphosphatidylinositol anchor 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
MDGA2	161357	MAM domain containing glycosylphosphatidylinositol anchor 2	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
MECP2	4204	methyl CpG binding protein 2 (Rett syndrome)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
MEIS2	4212	Meis homeobox 2	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
MLLT11	10962	myeloid/lymphoid or mixed-lineage leukemia (t(11hox) homolog, Drosophila); translocated to, 11	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
MOBP	4336	myelin-associated oligodendrocyte basic protein	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
MOG	4340	myelin oligodendrocyte glycoprotein	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult

MTHFR	4524	5,10-methylenetetrahydrofolate reductase (NADPH)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
NCAM1	4684	neural cell adhesion molecule 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
NDEL1	81565	nudE nuclear distribution gene E homolog (A. nidulans)-like 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
NEUROD1	4760	neurogenic differentiation 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
NEUROD6	63974	neurogenic differentiation 6	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
NKX2-1	7080	NK2 homeobox 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
NLGN1	22871	neuroligin 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
NLGN3	54413	neuroligin 3	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
NLGN4X	57502	neuroligin 4, X-linked	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
NOS1AP	9722	nitric oxide synthase 1 (neuronal) adaptor protein	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
NOS3	4846	nitric oxide synthase 3 (endothelial cell)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
NOTCH4	4855	Notch homolog 4 (Drosophila)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
NPAS3	64067	neuronal PAS domain protein 3	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
NPY	4852	neuropeptide Y	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
NR3C1	2908	nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
NR3C2	4306	nuclear receptor subfamily 3, group C, member 2	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
NR4A2	4929	nuclear receptor subfamily 4, group A, member 2	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
NRGN	4900	neurogranin (protein kinase C substrate, RC3)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
NRXN1	9378	neurexin 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
NRXN2	9379	neurexin 2	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
NRXN3	9369	neurexin 3	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
NT5C2	22978	5'-nucleotidase, cytosolic II	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
NTM	50863	neurotrophin	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
NTNG1	22854	netrin G1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
NTNG2	84628	netrin G2	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
NUCKS1	64710	nuclear casein kinase and cyclin-dependent kinase substrate 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
OPCML	4978	opioid binding protein/cell adhesion molecule-like	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
OPRD1	4985	opioid receptor, delta 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
OPRK1	4986	opioid receptor, kappa 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
OPRM1	4988	opioid receptor, mu 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
OXTR	5021	oxytocin receptor	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
PAFAH1B1	5048	platelet-activating factor acetylhydrolase, isoform lb, subunit 1 (45kDa)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
PAM	5066	peptidylglycine alpha-amidating monooxygenase	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
PARK2	5071	Parkinson disease (autosomal recessive, juvenile) 2, parkin	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
PARK7	11315	Parkinson disease (autosomal recessive, early onset) 7	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
PAX6	5080	paired box 6	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
PCDH10	57575	protocadherin 10	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
PCDH9	5101	protocadherin 9	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
PCP4	5121	Purkinje cell protein 4	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
PCSK1	5122	proprotein convertase subtilisin/kexin type 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
PDE1A	5136	phosphodiesterase 1A, calmodulin-dependent	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
PDE1B	5153	phosphodiesterase 1B, calmodulin-dependent	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
PDE4B	5142	phosphodiesterase 4B, cAMP-specific (phosphodiesterase E4 dunce homolog, Drosophila)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
PENK	5179	proenkephalin	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
PER1	5187	period homolog 1 (Drosophila)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
PGAM1	5223	phosphoglycerate mutase 1 (brain)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
PGBD1	84547	piggyBac transposable element derived 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
PHACTR2	9749	phosphatase and actin regulator 2	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
PINK1	65018	PTEN induced putative kinase 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
PLAU	5328	plasminogen activator, urokinase	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
PLDN	26258	pallidin homolog (mouse)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
PLEKHB2	55041	pleckstrin homology domain containing, family B (evectins) member 2	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
PLVAP	83483	plasmalemma vesicle associated protein	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
PLXNA2	5362	plexin A2	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
PPP1R1A	5502	protein phosphatase 1, regulatory (inhibitor) subunit 1A	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
PPP1R1B	84152	protein phosphatase 1, regulatory (inhibitor) subunit 1B	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
PPP3CC	5533	protein phosphatase 3 (formerly 2B), catalytic subunit, gamma isoform	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
PRICKLE1	144165	prickle homolog 1 (Drosophila)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
PRKCB1	5579	protein kinase C, beta	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
PRKCZ	5590	protein kinase C, zeta	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
PRNP	5621	prion protein	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
PRODH	5625	proline dehydrogenase (oxidase) 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
PSEN1	5663	presenilin 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
PSEN2	5664	presenilin 2 (Alzheimer disease 4)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
PTEN	5728	phosphatase and tensin homolog	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
RASD2	23551	RASD family, member 2	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
RASGEF1C	255426	RasGEF domain family, member 1C	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
RASGRF2	5924	Ras protein-specific guanine nucleotide-releasing factor 2	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
RASGRP2	10235	RAS guanyl releasing protein 2 (calcium and DAG-regulated)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
RGS4	5999	regulator of G-protein signaling 4	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
RGS9	8787	regulator of G-protein signaling 9	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
RHO	6010	rhodopsin	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
ROBO1	6091	roundabout, axon guidance receptor, homolog 1 (Drosophila)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
RPS6	6194	ribosomal protein S6 pseudogene 25; ribosomal protein S6; ribosomal protein S6 pseudogene 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
RXFP1	59350	relaxin/insulin-like family peptide receptor 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
RXRG	6258	retinoid X receptor, gamma	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult

SCN1A	6323	sodium channel, voltage-gated, type I, alpha subunit	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
SCN4B	6330	sodium channel, voltage-gated, type IV, beta	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
SEMA4A	64218	4A	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
SHANK3	85358	SH3 and multiple ankyrin repeat domains 3	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
SHD	56961	Src homology 2 domain containing transforming protein D	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
SLC12A2	6558	solute carrier family 12 (sodium/potassium/chloride transporters), member 2	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
SLC17A7	57030	solute carrier family 17 (sodium-dependent inorganic phosphate cotransporter), member 7	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
SLC1A1	6505	solute carrier family 1 (neuronal/epithelial high affinity glutamate transporter, system Xag), member 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
SLC1A2	6506	solute carrier family 1 (glial high affinity glutamate transporter), member 2	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
SLC24A3	57419	solute carrier family 24 (sodium/potassium/calcium exchanger), member 3	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
SLC27A2	11001	solute carrier family 27 (fatty acid transporter), member 2	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
SLC30A3	7781	solute carrier family 30 (zinc transporter), member 3	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
SLC6A1	6529	solute carrier family 6 (neurotransmitter transporter, GABA), member 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
SLC6A3	6531	solute carrier family 6 (neurotransmitter transporter, dopamine), member 3	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
SLC8A2	6543	solute carrier family 8 (sodium/calcium exchanger), member 2	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
SLIT1	6585	slit homolog 1 (Drosophila)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
SLIT2	9353	slit homolog 2 (Drosophila)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
SLITRK1	114798	SLIT and NTRK-like family, member 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
SLN	6588	sarcophilin	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
SNAP25	6616	synaptosomal-associated protein, 25kDa	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
SNCA	6622	synuclein, alpha (non A4 component of amyloid precursor)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
SNCAIP	9627	synuclein, alpha interacting protein	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
SNCG	6623	synuclein, gamma (breast cancer-specific protein 1)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
SOD1	6647	superoxide dismutase 1, soluble	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
STAC2	342667	SH3 and cysteine rich domain 2	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
SV2C	22987	synaptic vesicle glycoprotein 2C	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
SYN3	8224	synapsin III	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
SYNPR	132204	synaptopodin	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
SYT17	51760	synaptotagmin XVII; synaptotagmin VII	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
SYT4	6860	synaptotagmin IV	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
TAC3	6866	tachykinin 3	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
TBP	6908	TATA box binding protein	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
TBR1	10716	T-box, brain, 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
TCF4	6925	transcription factor 4	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
TM7SF4	81501	transmembrane 7 superfamily member 4	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
TMEM145	284339	transmembrane protein 145	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
UBE3A	7337	ubiquitin protein ligase E3A	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
UCHL1	7345	ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
UNC5A	90249	unc-5 homolog A (C. elegans)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
VAMP1	6843	vesicle-associated membrane protein 1 (synaptobrevin 1)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
VIP	7432	vasoactive intestinal peptide	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
ZNF804A	91752	zinc finger protein 804A	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Adult
ADCY5	111	adenylate cyclase 5	Ventral striatum	Childhood
ADORA2A	135	adenosine A2a receptor	Amygdala	Childhood
ADRA1A	148	adrenergic, alpha-1A-, receptor	Ventral striatum	Childhood
ASTN2	23245	astroctactin 2	Ventral striatum	Childhood
ATP2B4	493	ATPase, Ca++ transporting, plasma membrane 4	Ventral striatum	Childhood
BAIAP3	8938	BAI1-associated protein 3	Amygdala	Childhood
BTG1	694	B-cell translocation gene 1, anti-proliferative	Ventral striatum	Childhood
C1QL2	165257	Cerebellin-2 precursor (Cerebellin-like protein)	Visual Cortex, Medial prefrontal cortex	Childhood
C20orf103	24141	chromosome 20 open reading frame 103	Ventral striatum	Childhood
C4orf31	79625	chromosome 4 open reading frame 31	Hippocampus, Medial prefrontal cortex	Childhood
C8orf46	254778	chromosome 8 open reading frame 46	Visual Cortex	Childhood
CADPS2	93664	Ca2+-dependent activator protein for secretion 2 isoform b	Hippocampus	Childhood
CALB1	793	calbindin 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Childhood
CAMK2A	815	calcium/calmodulin-dependent protein kinase IIA isoform 1	Hippocampus	Childhood
CART	9607	CART prepropeptide	Amygdala, Medial prefrontal cortex	Childhood
CCDC3	83643	coiled-coil domain containing 3	Amygdala, Medial prefrontal cortex	Childhood
CHN2	1124	chimerin (chimaerin) 2	Ventral striatum, Medial prefrontal cortex	Childhood
CHRNA2	1135	cholinergic receptor, nicotinic, alpha 2 (neuronal)	Ventral striatum	Childhood
CLSTN2	64084	calsyntenin 2	Ventral striatum	Childhood
CNR1	1268	cannabinoid receptor 1 (brain)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Childhood
CNTNAP4	85445	contactin associated protein-like 4	Visual Cortex	Childhood
COCH	1690	coagulation factor C homolog, cochlin precursor	Amygdala	Childhood
COL24A1	255631	collagen, type XXIV, alpha 1	Visual Cortex	Childhood
CPNE2	221184	copine II	Hippocampus	Childhood
CRH	1392	corticotropin releasing hormone	Amygdala	Childhood
CRYAB	1410	crystallin, alpha B	Hippocampus	Childhood
CRYM	1428	crystallin, mu	Visual Cortex, Medial prefrontal cortex	Childhood
CTGF	1490	connective tissue growth factor	Visual Cortex, Medial prefrontal cortex	Childhood
CUTL2	23316	cut-like 2	Visual Cortex	Childhood
CXCL14	9547	small inducible cytokine B14 precursor	Ventral striatum, Visual Cortex, Medial prefrontal cortex	Childhood
CYP19A1	1588	aromatase cytochrome P450	Amygdala	Childhood
DAB1	1600	Disabled homolog 1	Hippocampus	Childhood
DCX	1641	doublecortin isoform a	Hippocampus	Childhood

DKK3	27122	dickkopf homolog 3	Hippocampus, Visual Cortex	Childhood
DLK1	8788	delta-like 1 homolog (Drosophila)	Amygdala	Childhood
DNER	92737	delta-notch-like EGF repeat-containing transmembrane	Ventral striatum	Childhood
DRD2	1813	dopamine receptor D2	Ventral striatum	Childhood
DUSP6	1848	dual specificity phosphatase 6 isoform a	Hippocampus	Childhood
ENC1	8507	ectodermal-neural cortex (with BTB-like domain)	Visual Cortex, Medial prefrontal cortex	Childhood
ERBB4	2066	v-erb-a erythroblastic leukemia viral oncogene homolog 4	Amygdala, Visual Cortex	Childhood
FOXP2	93986	forkhead box P2	Amygdala	Childhood
GABRG1	2565	gamma-aminobutyric acid A receptor, gamma 1 precursor	Amygdala, Medial prefrontal cortex	Childhood
GABRG2	2566	gamma-aminobutyric acid (GABA) A receptor, gamma 2	Medial prefrontal cortex	Childhood
GAD1	2571	glutamate decarboxylase 1 (67kDa)	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Childhood
GAP43	2596	growth associated protein 43	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Childhood
GFR1A	2674	GDNF family receptor alpha 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Childhood
GNAL	2774	guanine nucleotide binding protein (G protein), alpha activating activity polypeptide, olfactory type isoform 1	Ventral striatum, Medial prefrontal cortex	Childhood
GNB4	59345	GNB4 guanine nucleotide binding protein (G protein), beta polypeptide 4	Medial prefrontal cortex	Childhood
GPR161	23432	G protein-coupled receptor 161	Hippocampus	Childhood
GRIA1	2890	glutamate receptor, ionotropic, AMPA 1	Visual Cortex, Medial prefrontal cortex	Childhood
GRIK1	2897	glutamate receptor, ionotropic, kainate 1 isoform 2 precursor	Amygdala	Childhood
GRIN1	2902	glutamate receptor, ionotropic, N-methyl D-aspartate 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex	Childhood
GRP	2922	gastrin-releasing peptide	Hippocampus	Childhood
GUCY1A3	2982	guanylate cyclase 1, soluble, alpha 3	Ventral striatum	Childhood
HSPB8	26353	heat shock 22kDa protein 8	Amygdala	Childhood
HTR1A	3350	5-hydroxytryptamine (serotonin) receptor 1A	Hippocampus, Ventral striatum	Childhood
HTR1B	3351	5-hydroxytryptamine (serotonin) receptor 1B	Amygdala	Childhood
HTR2C	3358	5-hydroxytryptamine (serotonin) receptor 2C	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Childhood
HTR3A	3359	5-hydroxytryptamine (serotonin) receptor 3A	Amygdala	Childhood
IGFBP4	3487	insulin-like growth factor binding protein 4	Hippocampus	Childhood
KCNA6	3742	potassium voltage-gated channel, shaker-related subfamily, member 6	Visual Cortex	Childhood
KIAA1576	57687	Synaptic vesicle membrane protein VAT-1 homolog	Visual Cortex	Childhood
KIT	3815	v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog	Ventral striatum, Visual Cortex, Medial prefrontal cortex	Childhood
LHX6	26468	LIM homeobox 6	Hippocampus	Childhood
LIMK1	3984	LIM domain kinase 1	Hippocampus	Childhood
LNX1	84708	ligand of numb-protein X 1	Medial prefrontal cortex	Childhood
MAN1A1	4121	mannosidase, alpha, class 1A, member 1	Ventral striatum, Medial prefrontal cortex	Childhood
MBP	4155	myelin basic protein isoform 1	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Childhood
MOXD1	26002	monooxygenase, DBH-like 1 isoform 1	Hippocampus, Medial prefrontal cortex	Childhood
NDST4	64579	N-deacetylase/N-sulfotransferase (heparan glucosaminyl) 4	Hippocampus, Amygdala	Childhood
NEF3	4741	neurofilament, medium polypeptide 150kDa	Amygdala, Visual Cortex, Medial prefrontal cortex	Childhood
NEFH	4744	neurofilament, heavy polypeptide 200kDa	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Childhood
NNAT	4826	neuronatin	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Childhood
NPY1R	4886	neuropeptide Y receptor Y1	Hippocampus, Medial prefrontal cortex	Childhood
NPY2R	4887	neuropeptide Y receptor Y2	Amygdala, Visual Cortex	Childhood
NR4A2	4929	nuclear receptor subfamily 4, group A, member 2	Visual Cortex, Medial prefrontal cortex	Childhood
NRGN	4900	Neurogranin (Ng) (RC3)	Ventral striatum	Childhood
NRXN1	9378	neurexin 1	Visual Cortex, Medial prefrontal cortex	Childhood
NTRK2	4915	neurotrophic tyrosine kinase, receptor, type 2	Visual Cortex	Childhood
OPRK1	4986	opioid receptor, kappa 1	Amygdala	Childhood
OPRM1	4988	opioid receptor, mu 1	Ventral striatum	Childhood
PARM1	25849	prostate androgen-regulated mucin-like protein 1	Ventral striatum, Medial prefrontal cortex	Childhood
PCDH11X	27328	protocadherin 11 X-linked	Amygdala	Childhood
PDE10A	10846	phosphodiesterase 10A	Ventral striatum	Childhood
PDE1A	5136	phosphodiesterase 1A, calmodulin-dependent isoform 1	Hippocampus, Visual Cortex	Childhood
PDE1C	5137	phosphodiesterase 1C, calmodulin-dependent 70kDa	Amygdala, Ventral striatum	Childhood
PDYN	5173	prodynorphin	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Childhood
PENK	5179	proenkephalin	Amygdala, Medial prefrontal cortex	Childhood
PNOC	5368	prepronociceptin	Hippocampus	Childhood
PRKCD	5580	protein kinase C, delta	Hippocampus	Childhood
PVALB	5816	parvalbumin alpha	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Childhood
RARB	5915	retinoic acid receptor, beta	Ventral striatum	Childhood
RASGRF2	5924	Ras protein-specific guanine nucleotide-releasing factor 2	Visual Cortex	Childhood
RASL11B	65997	RASL11B RAS-like, family 11, member B	Medial prefrontal cortex	Childhood
RELN	5649	reelin	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Childhood
RGS4	5999	RGS12 regulator of G-protein signaling 12	Hippocampus	Childhood
RGS9	8787	regulator of G-protein signalling 9	Ventral striatum	Childhood
ROBO1	6091	roundabout 1 isoform a	Hippocampus, Medial prefrontal cortex	Childhood
RORB	6096	RAR-related orphan receptor B	Amygdala, Visual Cortex	Childhood
RSP02	340419	R-spondin 2 homolog (Xenopus laevis)	Amygdala	Childhood
S100A10	6281	S100 calcium binding protein A10	Ventral striatum	Childhood
S100B	6285	S100 calcium binding protein B	Ventral striatum	Childhood
SEMA3A	10371	semaphorin 3A	Amygdala, Medial prefrontal cortex	Childhood
SEMA3C	10512	sema domain, immunoglobulin domain (Iq), short basic domain, secreted, (semaphorin) 3C	Hippocampus	Childhood
SEMA5A	9037	sema domain, seven thrombospondin repeats (type 1 and type 1-like), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 5A	Hippocampus, Amygdala, Ventral striatum, Medial prefrontal cortex, Visual cortex	Childhood
SEMA6A	57556	sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6A	Ventral striatum	Childhood
SLC17A6	57084	transmembrane protein 16E	Amygdala	Childhood
SLC17A7	57030	solute carrier family 17 (sodium-dependent inorganic phosphate cotransporter), member 7	Hippocampus	Childhood

SLC17A8	246213	solute carrier family 17 (sodium-dependent inorganic phosphate cotransporter), member 8	Ventral striatum	Childhood
SLC25A1	6576	solute carrier family 25 (mitochondrial carrier, citrate transporter), member 1	Ventral striatum	Childhood
SLC30A3	7781	solute carrier family 30 (zinc transporter), member 3	Amygdala	Childhood
SLC6A1	6529	solute carrier family 6 (neurotransmitter transporter, GABA), member 1	Visual Cortex	Childhood
SNCA	6622	solute carrier family 6 (neurotransmitter transporter, serotonin), member 4	Hippocampus	Childhood
SST	6750	somatostatin preproprotein	Hippocampus, Visual Cortex	Childhood
SSTR2	6752	somatostatin receptor 2	Medial prefrontal cortex	Childhood
STX1A	6804	syntaxin 1B	Amygdala, Ventral striatum	Childhood
SULF1	23213	extracellular sulfatase Sulf-1-like	Medial prefrontal cortex	Childhood
SV2C	22987	synaptic vesicle protein 2C	Visual Cortex	Childhood
SYNPR	132204	synaptopodin	Hippocampus	Childhood
SYT17	51760	synaptotagmin XVII	Visual Cortex	Childhood
SYT6	148281	synaptotagmin VI	Visual Cortex	Childhood
TAC1	6863	tachykinin, precursor 1	Amygdala, Striatum, Visual Cortex, Medial prefrontal cortex	Childhood
TACR3	6870	NK-3 receptor	Ventral striatum	Childhood
TGFB2	7042	transforming growth factor, beta 2	Amygdala	Childhood
TIAM1	7074	T-cell lymphoma invasion and metastasis 1	Ventral striatum	Childhood
TLE4	7091	transducin-like enhancer of split 4 (E(sp1) homolog, Drosophila)	Visual Cortex	Childhood
TNFAIP8L3	388121	tumor necrosis factor, alpha-induced protein 8-like 3	Ventral striatum	Childhood
TRHDE	29953	thyrotropin-releasing hormone degrading enzyme	Hippocampus	Childhood
TRPS1	7227	trichorhinophalangeal syndrome 1	Hippocampus	Childhood
TSHZ1	10194	teashirt family zinc finger 1	Amygdala	Childhood
VAMP1	6843	vesicle-associated membrane protein 1 (synaptobrevin 1)	Visual Cortex	Childhood
ARX	170302	aristless related homeobox	Whole brain	Fetal
CALB2	794	calbindin 2	Whole brain	Fetal
CDH4	1002	cadherin 4, type 1, R-cadherin (retinal)	Whole brain	Fetal
CNTNAP2	26047	contactin associated protein-like 2	Whole brain	Fetal
DCX	1641	doublecortin	Whole brain	Fetal
DLX1	1745	distal-less homeobox 1	Whole brain	Fetal
DLX2	1746	distal-less homeobox 2	Whole brain	Fetal
DLX5	1749	distal-less homeobox 5	Whole brain	Fetal
ENC1	8507	ectodermal-neural cortex (with BTB-like domain)	Whole brain	Fetal
EOMES	8320	eomesodermin homolog (Xenopus laevis)	Whole brain	Fetal
ERBB4	2066	v-erb-a erythroblastic leukemia viral oncogene homolog 4 (avian)	Whole brain	Fetal
ETV1	2115	ets variant 1	Whole brain	Fetal
FABP7	2173	fatty acid binding protein 7, brain	Whole brain	Fetal
FADS2	9415	fatty acid desaturase 2	Whole brain	Fetal
FEZF2	55079	FEZ family zinc finger 2	Whole brain	Fetal
FOXP1	27086	forkhead box P1	Whole brain	Fetal
GAP43	2596	growth associated protein 43	Whole brain	Fetal
GFAP	2670	glial fibrillary acidic protein	Whole brain	Fetal
GRIK2	2898	glutamate receptor, ionotropic, kainate 2	Whole brain	Fetal
HOXA4	3201	homeobox A4	Whole brain	Fetal
LBX1	10660	ladybird homeobox 1	Whole brain	Fetal
LHX2	9355	LIM homeobox 2	Whole brain	Fetal
LMO4	8543	LIM domain only 4	Whole brain	Fetal
MECP2	4204	methyl CpG binding protein 2 (Rett syndrome)	Whole brain	Fetal
MET	4233	met proto-oncogene (hepatocyte growth factor receptor)	Whole brain	Fetal
NES	10763	nestin	Whole brain	Fetal
NKX2-1	7080	NK2 homeobox 1	Whole brain	Fetal
NPY	4852	neuropeptide Y	Whole brain	Fetal
NRGN	4900	neurogranin (protein kinase C substrate, RC3)	Whole brain	Fetal
NRXN1	9378	neurexin 1	Whole brain	Fetal
NTRK2	4915	neurotrophic tyrosine kinase, receptor, type 2	Whole brain	Fetal
PAX6	5080	paired box 6	Whole brain	Fetal
PLXNA2	5362	plexin A2	Whole brain	Fetal
RELN	5649	reelin	Whole brain	Fetal
SATB2	23314	SATB homeobox 2	Whole brain	Fetal
SHANK3	85358	SH3 and multiple ankyrin repeat domains 3	Whole brain	Fetal
SOX10	6663	SRY (sex determining region Y)-box 10	Whole brain	Fetal
SOX2	6657	SRY (sex determining region Y)-box 2	Whole brain	Fetal
SST	6750	somatostatin	Whole brain	Fetal
SYNGAP1	8831	synaptic Ras GTPase activating protein 1 homolog (rat)	Whole brain	Fetal
TBR1	10716	T-box, brain, 1	Whole brain	Fetal
TPP1	1200	tripeptidyl peptidase 1	Whole brain	Fetal
VIM	7431	vimentin	Whole brain	Fetal
WNT3A	89780	wingless-type MMTV integration site family, member 3A	Whole brain	Fetal
ZIC1	7545	Zic family member 1 (odd-paired homolog, Drosophila)	Whole brain	Fetal