

Ligand		
Biogenic Amines	Disorder	Receptors
Serotonin (5-HT)	ASD SCZ BP MDD	HTR1D HTR1B HTR1D HTR1E HTR1F HTR2B HTR5A HTR6 HTR2B HTR7 HTR5A HTR1D HTR1B
Noradrenaline (NA)	ASD SCZ MDD	ADRA1D ADRA1B ADRA1D ADRA2A ADRA2B ADRA1B ADRB3
Acetylcholine (Ach)	ASD SCZ BP	CHRM5 CHRM2 CHRM4 CHRM3
Histamine (His)	SCZ BP MDD	HRH2 HRH3 HRH3 HRH1 HRH2 HRH4
Dopamine (DA)	SCZ	DRD2 DRD4 DRD5
Trace amines (TA)	MDD	TAAR5 TAAR8
Amino Acids/Dicarboxylic acids	Disorder	Receptors
Glutamate	ASD SCZ BP MDD	GRM1 GRM8 GRM1 GRM2 GRM3 GRM5 GRM1 GRM5 GRM6 GRM7
Succinate	SCZ BP	SUCNR1 SUCNR1
GABA	MDD	GABBR1
Hormones	Disorder	Receptors
Gonadotropin Releasing Hormone (GNRH)	ASD SCZ BP MDD	GNRHR2 GNRHR GNRHR2 GNRHR GNRHR2
Parathyroid hormone	ASD SCZ BP	PTH2R PTH2R PTH2R
Thyroid stimulating hormone (TSH)	SCZ BP	TSHR TSHR
Follicle Stimulating Hormone (FSH)	BP MDD	FSHR FSHR
Growth hormone releasing hormone (GHRH)	ASD MDD	GHRHR GHRHR
Prolactin Releasing Hormone	SCZ	PRLHR
Ghrelin	MDD	GHSR
Lipids	Disorder	Receptors
Prostaglandin	ASD SCZ BP MDD	PTGDR2 PTGER3 PTGDR2 PTGDR PTGER1 PTGIR PTGDR2 PTGER1 PTGER4 PTGDR2
Sphingosine-1-Phosphate	ASD SCZ BP	S1PR1 S1PR3 S1PR3
Cysteinyl Leukotriene	SCZ BP MDD	CYSLTR1 CYSLTR1 CYSLTR2
lysophosphatidic acid	SCZ BP	LPAR1 LPAR3 LPAR5 LPAR6 LPAR3 LTB4R LPAR5 LPAR6

	MDD	LPAR2 LPAR5 LPAR6
Oxoecosanoid	BP	OXER1
cannabinoids	MDD	CNR2
Peptides	Disorder	Receptors
Melanocortin	ASD SCZ BP MDD	MC1R MC4R MC1R MC4R MC2R MC5R
Orexin	ASD SCZ BP MDD	HCRTR1 HCRTR2 HCRTR1 HCRTR2 HCRTR1 HCAR2
Formyl Peptide	ASD SCZ BP MDD	FPR1 FPR2 FPR1 FPR2 FPR1 FPR2
Calcitonin gene-related peptide (CGRP)	ASD SCZ BP	CALCRL CALCRL CALCRL
Angiotensin-(1-7)	ASD SCZ MDD	MAS1 MAS1 MAS1
Neuropeptide Y	ASD SCZ MDD	NPY1R NPY1R NPY1R NPY6R
Neuromedin B	ASD SCZ	NMBR NMBR
Oxytocin	ASD SCZ	OXTR OXTR
Neurotensin	ASD SCZ	NTSR1 NTSR2 NTSR2
Somatostatin	ASD SCZ	SSTR1 SSTR2 SSTR4
Apelin	ASD SCZ	APLNR APLNR
Adenylate cyclase activating polypeptide (ADCYAP)	ASD SCZ	ADCYAP1R1 ADCYAP1R1
platelet Activating Factor	SCZ BP	PTAFR PTAFR
Neuropeptide FF	SCZ BP	NPFFR1 NPFFR1
Neuropeptides B And W	SCZ BP	NPBWR1 NPBWR2 NPBWR1
Galanin	SCZ MDD	GALR1 GALR3
Neuromedin U	SCZ MDD	NMUR2 NMUR2
Relaxin	SCZ MDD	RXFP1 RXFP3
Endorphin	SCZ MDD	OPRK1 OPRM1 OPRM1
Vasopressin	BP MDD	AVPR2 AVPR1B
Glucagon Like Peptide	ASD	GLP2R
tachykinin	ASD	TACR3

	SCZ MDD	TACR3 TACR3
Endothelin	ASD	EDNRB
Bradykinin	SCZ	BDKRB2
Melanin concentrating hormone (MCH)	SCZ	MCHR1
Vasoactive intestinal peptide (VIP)	SCZ	VIPR1
Kisspeptin	SCZ	KISS1R
Pyroglutamylated RFamide Peptide	SCZ	QRFR
Nociceptin/Orphanin QR	BP	OPRL1
Gastrin releasing peptide (GRH)	MDD	GRPR
Bile acid	MDD	GPBAR1
Corticotropin releasing hormone (CRH)	MDD	CRHR1
Protein	Disorder	Receptors
Wnt	ASD SCZ BP MDD	FZD1 LGR5 LGR4 SMO FZD1 FZD4 FZD5 FZD7 FZD9 LGR4 LGR5 LGR6 SMO LGR6 FZD4 FZD5 SMO
Proteases	ASD SCZ MDD	F2R F2R F2R
Proteases	SCZ BP MDD	F2RL1 F2RL1 F2RL1
Purine	Names	Receptors
Adenosine	ASD SCZ MDD	ADORA1 ADORA2B ADORA1 ADORA2B ADORA1
ATP/ADP	SCZ BP MDD	P2RY12 P2RY13 P2RY2 P2RY12 P2RY13 P2RY13 P2RY2
Photon	Disorder	Receptors
Photon	ASD SCZ BP MDD	OPN3 RHO OPN4 OPN5
Adhesion	Disorder	Receptors
Unknown	ASD SCZ BP	CELSR2 CELSR1 CELSR1 CELSR2 CELSR1