

Supplementary Table 4: The related molecular of GLXBBX decoction.

OFFICIAL_GENE_SYMBOL	Name
PEX11A	peroxisomal biogenesis factor 11 alpha(PEX11A)
SUCLG2	succinate-CoA ligase GDP-forming beta subunit(SUCLG2)
HIBCH	3-hydroxyisobutyryl-CoA hydrolase(HIBCH)
SUCLG1	succinate-CoA ligase alpha subunit(SUCLG1)
SUCLA2	succinate-CoA ligase ADP-forming beta subunit(SUCLA2)
PLA2G2D	phospholipase A2 group IID(PLA2G2D)
GALR2	galanin receptor 2(GALR2)
AARS	alanyl-tRNA synthetase(AARS)
SAP30	Sin3A associated protein 30(SAP30)
ABCA1	ATP binding cassette subfamily A member 1(ABCA1)
DPM2	dolichyl-phosphate mannosyltransferase subunit 2, regulatory(DPM2)
ABAT	4-aminobutyrate aminotransferase(ABAT)
CES2	carboxylesterase 2(CES2)
GK5	glycerol kinase 5 (putative)(GK5)
ACACA	acetyl-CoA carboxylase alpha(ACACA)
ACAA1	acetyl-CoA acyltransferase 1(ACAA1)
ACADM	acyl-CoA dehydrogenase, C-4 to C-12 straight chain(ACADM)
ACACB	acetyl-CoA carboxylase beta(ACACB)
ACAT1	acetyl-CoA acetyltransferase 1(ACAT1)
RTN4R	reticulon 4 receptor(RTN4R)
SLC5A8	solute carrier family 5 member 8(SLC5A8)
ACHE	acetylcholinesterase (Cartwright blood group)(ACHE)
NPS	neuropeptide S(NPS)
LTB4R2	leukotriene B4 receptor 2(LTB4R2)
ACLY	ATP citrate lyase(ACLY)
MPO	myeloperoxidase(MPO)
ACO1	aconitase 1(ACO1)
ABCC1	ATP binding cassette subfamily C member 1(ABCC1)
ACTN2	actinin alpha 2(ACTN2)
ADA	adenosine deaminase(ADA)
ACYP2	acylphosphatase 2(ACYP2)
B4GALT2	beta-1,4-galactosyltransferase 2(B4GALT2)
ADCY5	adenylate cyclase 5(ADCY5)
ADCY2	adenylate cyclase 2(ADCY2)
ADCY3	adenylate cyclase 3(ADCY3)
ADCY1	adenylate cyclase 1(ADCY1)
ADCYAP1R1	ADCYAP receptor type I(ADCYAP1R1)
ADCYAP1	adenylate cyclase activating polypeptide 1(ADCYAP1)
ADCY9	adenylate cyclase 9(ADCY9)
ADCY8	adenylate cyclase 8(ADCY8)

ADCY7	adenylate cyclase 7(ADCY7)
ADCY6	adenylate cyclase 6(ADCY6)
ADH4	alcohol dehydrogenase 4 (class II), pi polypeptide(ADH4)
GPAA1	glycosylphosphatidylinositol anchor attachment 1(GPAA1)
ADH1B	alcohol dehydrogenase 1B (class I), beta polypeptide(ADH1B)
ADH1A	alcohol dehydrogenase 1A (class I), alpha polypeptide(ADH1A)
GAPDHS	glyceraldehyde-3-phosphate dehydrogenase, spermatogenic(GAPDHS)
PLIN2	perilipin 2(PLIN2)
ADORA2B	adenosine A2b receptor(ADORA2B)
ADPRH	ADP-ribosylarginine hydrolase(ADPRH)
ADORA3	adenosine A3 receptor(ADORA3)
MTNR1A	melatonin receptor 1A(MTNR1A)
KYNU	kynureninase(KYNU)
PARP1	poly(ADP-ribose) polymerase 1(PARP1)
ADH5	alcohol dehydrogenase 5 (class III), chi polypeptide(ADH5)
ADH7	alcohol dehydrogenase 7 (class IV), mu or sigma polypeptide(ADH7)
ADH6	alcohol dehydrogenase 6 (class V)(ADH6)
ADM	adrenomedullin(ADM)
MBD2	methyl-CpG binding domain protein 2(MBD2)
ADK	adenosine kinase(ADK)
ADORA2A	adenosine A2a receptor(ADORA2A)
ADORA1	adenosine A1 receptor(ADORA1)
ADRA2C	adrenoceptor alpha 2C(ADRA2C)
ADRB1	adrenoceptor beta 1(ADRB1)
NUDT1	nudix hydrolase 1(NUDT1)
ADRB2	adrenoceptor beta 2(ADRB2)
MTHFD1	methylenetetrahydrofolate dehydrogenase, cyclohydrolase and formyltetrahydrofolate synthetase 1(MTHFD1)
ADRB3	adrenoceptor beta 3(ADRB3)
MTHFR	methylenetetrahydrofolate reductase(MTHFR)
ADSL	adenylosuccinate lyase(ADSL)
ADSS	adenylosuccinate synthase(ADSS)
ADRA1D	adrenoceptor alpha 1D(ADRA1D)
ADRA1B	adrenoceptor alpha 1B(ADRA1B)
ADRA1A	adrenoceptor alpha 1A(ADRA1A)
ADRA2A	adrenoceptor alpha 2A(ADRA2A)
ADRA2B	adrenoceptor alpha 2B(ADRA2B)
AGA	aspartylglucosaminidase(AGA)
GYG2	glycogenin 2(GYG2)
ADSSL1	adenylosuccinate synthase like 1(ADSSL1)
AGTR2	angiotensin II receptor type 2(AGTR2)
APLNR	apelin receptor(APLNR)

AGTR1	angiotensin II receptor type 1(AGTR1)
PLD4	phospholipase D family member 4(PLD4)
AHCY	adenosylhomocysteinase(AHCY)
AGXT	alanine-glyoxylate aminotransferase(AGXT)
AGL	amylo-alpha-1, 6-glucosidase, 4-alpha-glucanotransferase(AGL)
AGT	angiotensinogen(AGT)
AKT1	AKT serine/threonine kinase 1(AKT1)
CES5A	carboxylesterase 5A(CES5A)
ALDH1A3	aldehyde dehydrogenase 1 family member A3(ALDH1A3)
ALDH3B2	aldehyde dehydrogenase 3 family member B2(ALDH3B2)
ALDH9A1	aldehyde dehydrogenase 9 family member A1(ALDH9A1)
ALDH1A1	aldehyde dehydrogenase 1 family member A1(ALDH1A1)
FBXO2	F-box protein 2(FBXO2)
ALDH2	aldehyde dehydrogenase 2 family (mitochondrial)(ALDH2)
ALDH3A1	aldehyde dehydrogenase 3 family member A1(ALDH3A1)
ALDH1B1	aldehyde dehydrogenase 1 family member B1(ALDH1B1)
ALAS2	5'-aminolevulinate synthase 2(ALAS2)
ALB	albumin(ALB)
NADK	NAD kinase(NADK)
TIAM2	T-cell lymphoma invasion and metastasis 2(TIAM2)
PHGDH	phosphoglycerate dehydrogenase(PHGDH)
ALAD	aminolevulinate hydratase(ALAD)
ALAS1	5'-aminolevulinate synthase 1(ALAS1)
CCL28	C-C motif chemokine ligand 28(CCL28)
ALOX12	arachidonate 12-lipoxygenase, 12S type(ALOX12)
ALKBH1	alkB homolog 1, histone H2A dioxygenase(ALKBH1)
HCAR3	hydroxycarboxylic acid receptor 3(HCAR3)
HDAC3	histone deacetylase 3(HDAC3)
CTPS2	CTP synthase 2(CTPS2)
AKR1B1	aldo-keto reductase family 1 member B(AKR1B1)
GGH	gamma-glutamyl hydrolase(GGH)
GMPS	guanine monophosphate synthase(GMPS)
ALDH3A2	aldehyde dehydrogenase 3 family member A2(ALDH3A2)
APLN	apelin(APLN)
MTRR	5-methyltetrahydrofolate-homocysteine methyltransferase reductase(MTRR)
ALOX15	arachidonate 15-lipoxygenase(ALOX15)
ALOX15B	arachidonate 15-lipoxygenase, type B(ALOX15B)
MTR	5-methyltetrahydrofolate-homocysteine methyltransferase(MTR)
ALOX5	arachidonate 5-lipoxygenase(ALOX5)
MTNR1B	melatonin receptor 1B(MTNR1B)
ALOX5AP	arachidonate 5-lipoxygenase activating protein(ALOX5AP)
AMT	aminomethyltransferase(AMT)
AMY2A	amylase, alpha 2A (pancreatic)(AMY2A)

PSMB11	proteasome subunit beta 11(PSMB11)
AMY1C	amylase, alpha 1C (salivary)(AMY1C)
AMY1B	amylase, alpha 1B (salivary)(AMY1B)
AMY1A	amylase, alpha 1A (salivary)(AMY1A)
ANG	angiogenin(ANG)
AMY2B	amylase, alpha 2B (pancreatic)(AMY2B)
MAT1A	methionine adenosyltransferase 1A(MAT1A)
GGACT	gamma-glutamylamine cyclotransferase(GGACT)
MARS	methionyl-tRNA synthetase(MARS)
SLC13A2	solute carrier family 13 member 2(SLC13A2)
SLC7A7	solute carrier family 7 member 7(SLC7A7)
MAT2A	methionine adenosyltransferase 2A(MAT2A)
SLC7A6	solute carrier family 7 member 6(SLC7A6)
PAPSS1	3'-phosphoadenosine 5'-phosphosulfate synthase 1(PAPSS1)
MC2R	melanocortin 2 receptor(MC2R)
MC3R	melanocortin 3 receptor(MC3R)
MC1R	melanocortin 1 receptor(MC1R)
AOAH	acyloxyacyl hydrolase(AOAH)
MED11	mediator complex subunit 11(MED11)
NFS1	NFS1, cysteine desulfurase(NFS1)
ANPEP	alanyl aminopeptidase, membrane(ANPEP)
PTH2	parathyroid hormone 2(PTH2)
MAN1A1	mannosidase alpha class 1A member 1(MAN1A1)
MAN2A2	mannosidase alpha class 2A member 2(MAN2A2)
SUCNR1	succinate receptor 1(SUCNR1)
MAN2A1	mannosidase alpha class 2A member 1(MAN2A1)
ANXA1	annexin A1(ANXA1)
MAN2B1	mannosidase alpha class 2B member 1(MAN2B1)
MANBA	mannosidase beta(MANBA)
ME1	malic enzyme 1(ME1)
APOB	apolipoprotein B(APOB)
APOA4	apolipoprotein A4(APOA4)
APOA2	apolipoprotein A2(APOA2)
TAS2R60	taste 2 receptor member 60(TAS2R60)
APP	amyloid beta precursor protein(APP)
APOH	apolipoprotein H(APOH)
APOE	apolipoprotein E(APOE)
SLC25A2	solute carrier family 25 member 2(SLC25A2)
APOC3	apolipoprotein C3(APOC3)
ME2	malic enzyme 2(ME2)
KALRN	kalirin, RhoGEF kinase(KALRN)
ASAH2	N-acylsphingosine amidohydrolase 2(ASAH2)
APOA1	apolipoprotein A1(APOA1)
F2RL3	F2R like thrombin/trypsin receptor 3(F2RL3)

ARF1	ADP ribosylation factor 1(ARF1)
MC5R	melanocortin 5 receptor(MC5R)
MC4R	melanocortin 4 receptor(MC4R)
ARG1	arginase 1(ARG1)
CLYBL	citrate lyase beta like(CLYBL)
PLOD3	procollagen-lysine,2-oxoglutarate 5-dioxygenase 3(PLOD3)
MCL1	BCL2 family apoptosis regulator(MCL1)
SLC2A9	solute carrier family 2 member 9(SLC2A9)
MGAM	maltase-glucoamylase(MGAM)
AQP7	aquaporin 7(AQP7)
P4HA2	prolyl 4-hydroxylase subunit alpha 2(P4HA2)
AQP9	aquaporin 9(AQP9)
MDH1	malate dehydrogenase 1(MDH1)
AR	androgen receptor(AR)
MDH2	malate dehydrogenase 2(MDH2)
AQP3	aquaporin 3 (Gill blood group)(AQP3)
AQP4	aquaporin 4(AQP4)
ARSA	arylsulfatase A(ARSA)
ARNTL	aryl hydrocarbon receptor nuclear translocator like(ARNTL)
CXCL9	C-X-C motif chemokine ligand 9(CXCL9)
SLC16A7	solute carrier family 16 member 7(SLC16A7)
RHOA	ras homolog family member A(RHOA)
ARG2	arginase 2(ARG2)
ASNS	asparagine synthetase (glutamine-hydrolyzing)(ASNS)
METTL1	methyltransferase like 1(METTL1)
ASPA	aspartoacylase(ASPA)
ASPH	aspartate beta-hydroxylase(ASPH)
ASS1	argininosuccinate synthase 1(ASS1)
LPAR2	lysophosphatidic acid receptor 2(LPAR2)
ASL	argininosuccinate lyase(ASL)
ASAH1	N-acylsphingosine amidohydrolase 1(ASAH1)
SLC28A2	solute carrier family 28 member 2(SLC28A2)
ART1	ADP-ribosyltransferase 1(ART1)
SLC6A5	solute carrier family 6 member 5(SLC6A5)
ART3	ADP-ribosyltransferase 3(ART3)
SLC28A1	solute carrier family 28 member 1(SLC28A1)
ART4	ADP-ribosyltransferase 4 (Dombrock blood group)(ART4)
MGAT2	mannosyl (alpha-1,6-)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase(MGAT2)
TAS1R3	taste 1 receptor member 3(TAS1R3)
ATIC	5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohydrolase(ATIC)
MED8	mediator complex subunit 8(MED8)
ACSM2B	acyl-CoA synthetase medium-chain family member

	2B(ACSM2B)
MPI	mannose phosphate isomerase(MPI)
SERPINC1	serpin family C member 1(SERPINC1)
GLB1L3	galactosidase beta 1 like 3(GLB1L3)
SLC16A3	solute carrier family 16 member 3(SLC16A3)
MOCS2	molybdenum cofactor synthesis 2(MOCS2)
ATP5C1	ATP synthase, H ⁺ transporting, mitochondrial F1 complex, gamma polypeptide 1(ATP5C1)
ATP5B	ATP synthase, H ⁺ transporting, mitochondrial F1 complex, beta polypeptide(ATP5B)
ALDH7A1	aldehyde dehydrogenase 7 family member A1(ALDH7A1)
MLN	motilin(MLN)
ATP5A1	ATP synthase, H ⁺ transporting, mitochondrial F1 complex, alpha subunit 1, cardiac muscle(ATP5A1)
MMP9	matrix metalloproteinase 9(MMP9)
MMP2	matrix metalloproteinase 2(MMP2)
LDHAL6A	lactate dehydrogenase A like 6A(LDHAL6A)
NPY1R	neuropeptide Y receptor Y1(NPY1R)
AVP	arginine vasopressin(AVP)
NPY2R	neuropeptide Y receptor Y2(NPY2R)
QRFP	pyroglutamylated RFamide peptide(QRFP)
GPC2	glypican 2(GPC2)
PROK2	prokineticin 2(PROK2)
SLC36A1	solute carrier family 36 member 1(SLC36A1)
AVPR2	arginine vasopressin receptor 2(AVPR2)
AVPR1A	arginine vasopressin receptor 1A(AVPR1A)
NMUR2	neuromedin U receptor 2(NMUR2)
NPY5R	neuropeptide Y receptor Y5(NPY5R)
B2M	beta-2-microglobulin(B2M)
BAAT	bile acid-CoA:amino acid N-acyltransferase(BAAT)
GALM	galactose mutarotase(GALM)
NTRK1	neurotrophic receptor tyrosine kinase 1(NTRK1)
NTRK2	neurotrophic receptor tyrosine kinase 2(NTRK2)
ALKBH8	alkB homolog 8, tRNA methyltransferase(ALKBH8)
NUP88	nucleoporin 88(NUP88)
NTS	neurotensin(NTS)
NT5M	5',3'-nucleotidase, mitochondrial(NT5M)
NTSR1	neurotensin receptor 1(NTSR1)
ATP6V1C1	ATPase H ⁺ transporting V1 subunit C1(ATP6V1C1)
NRF1	nuclear respiratory factor 1(NRF1)
NT5E	5'-nucleotidase ecto(NT5E)
PLA2G4B	phospholipase A2 group IVB(PLA2G4B)
CLPP	caseinolytic mitochondrial matrix peptidase proteolytic subunit(CLPP)

OCA2	OCA2 melanosomal transmembrane protein(OCA2)
NCOA3	nuclear receptor coactivator 3(NCOA3)
ODC1	ornithine decarboxylase 1(ODC1)
BDH1	3-hydroxybutyrate dehydrogenase, type 1(BDH1)
BDKRB1	bradykinin receptor B1(BDKRB1)
BDKRB2	bradykinin receptor B2(BDKRB2)
GLT6D1	glycosyltransferase 6 domain containing 1(GLT6D1)
BHMT	betaine--homocysteine S-methyltransferase(BHMT)
OAT	ornithine aminotransferase(OAT)
PRDX5	peroxiredoxin 5(PRDX5)
OPRD1	opioid receptor delta 1(OPRD1)
PLA2G2F	phospholipase A2 group IIF(PLA2G2F)
BCAT1	branched chain amino acid transaminase 1(BCAT1)
OPRK1	opioid receptor kappa 1(OPRK1)
BCAT2	branched chain amino acid transaminase 2(BCAT2)
OPRL1	opioid related nociceptin receptor 1(OPRL1)
AGPAT3	1-acylglycerol-3-phosphate O-acyltransferase 3(AGPAT3)
OPRM1	opioid receptor mu 1(OPRM1)
AGPAT4	1-acylglycerol-3-phosphate O-acyltransferase 4(AGPAT4)
BCHE	butyrylcholinesterase(BCHE)
BCKDHA	branched chain keto acid dehydrogenase E1, alpha polypeptide(BCKDHA)
BCKDHB	branched chain keto acid dehydrogenase E1 subunit beta(BCKDHB)
OGDH	oxoglutarate dehydrogenase(OGDH)
OGG1	8-oxoguanine DNA glycosylase(OGG1)
PLA2G10	phospholipase A2 group X(PLA2G10)
PLA2G6	phospholipase A2 group VI(PLA2G6)
BTD	biotinidase(BTD)
OXTR	oxytocin receptor(OXTR)
OXT	oxytocin/neurophysin I prepropeptide(OXT)
OXCT1	3-oxoacid CoA-transferase 1(OXCT1)
BSG	basigin (Ok blood group)(BSG)
ACY3	aminoacylase 3(ACY3)
RARS2	arginyl-tRNA synthetase 2, mitochondrial(RARS2)
SLC17A7	solute carrier family 17 member 7(SLC17A7)
SLC2A8	solute carrier family 2 member 8(SLC2A8)
SLC25A11	solute carrier family 25 member 11(SLC25A11)
PAH	phenylalanine hydroxylase(PAH)
SLC17A6	solute carrier family 17 member 6(SLC17A6)
SERPINE1	serpin family E member 1(SERPINE1)
PAFAH1B2	platelet activating factor acetylhydrolase 1b catalytic subunit 2(PAFAH1B2)
BBOX1	gamma-butyrobetaine hydroxylase 1(BBOX1)

BMI1	BMI1 proto-oncogene, polycomb ring finger(BMI1)
PAFAH1B1	platelet activating factor acetylhydrolase 1b regulatory subunit 1(PAFAH1B1)
PAFAH2	platelet activating factor acetylhydrolase 2(PAFAH2)
UBQLN1	ubiquilin 1(UBQLN1)
PAFAH1B3	platelet activating factor acetylhydrolase 1b catalytic subunit 3(PAFAH1B3)
FURIN	furin, paired basic amino acid cleaving enzyme(FURIN)
HCAR2	hydroxycarboxylic acid receptor 2(HCAR2)
PAEP	progesterone associated endometrial protein(PAEP)
PSAT1	phosphoserine aminotransferase 1(PSAT1)
CXCR5	C-X-C motif chemokine receptor 5(CXCR5)
BLMH	bleomycin hydrolase(BLMH)
P4HA1	prolyl 4-hydroxylase subunit alpha 1(P4HA1)
P4HB	prolyl 4-hydroxylase subunit beta(P4HB)
P2RY1	purinergic receptor P2Y1(P2RY1)
P2RY2	purinergic receptor P2Y2(P2RY2)
P2RY4	pyrimidinergetic receptor P2Y4(P2RY4)
P2RY6	pyrimidinergetic receptor P2Y6(P2RY6)
DAGLA	diacylglycerol lipase alpha(DAGLA)
SLC44A3	solute carrier family 44 member 3(SLC44A3)
CA2	carbonic anhydrase 2(CA2)
RXFP2	relaxin/insulin like family peptide receptor 2(RXFP2)
ADAT3	adenosine deaminase, tRNA specific 3(ADAT3)
AKR1B10	aldo-keto reductase family 1 member B10(AKR1B10)
C3AR1	complement C3a receptor 1(C3AR1)
C3	complement C3(C3)
PCK1	phosphoenolpyruvate carboxykinase 1(PCK1)
C5AR1	complement C5a receptor 1(C5AR1)
NPB	neuropeptide B(NPB)
PC	pyruvate carboxylase(PC)
PCBD1	pterin-4 alpha-carbinolamine dehydratase 1(PCBD1)
C5	complement C5(C5)
CANX	calnexin(CANX)
P2RY12	purinergic receptor P2Y12(P2RY12)
CBX4	chromobox 4(CBX4)
CAMK2D	calcium/calmodulin dependent protein kinase II delta(CAMK2D)
NMNAT1	nicotinamide nucleotide adenyltransferase 1(NMNAT1)
CAMK2B	calcium/calmodulin dependent protein kinase II beta(CAMK2B)
SLC44A2	solute carrier family 44 member 2(SLC44A2)
CAMK2G	calcium/calmodulin dependent protein kinase II gamma(CAMK2G)
CALM2	calmodulin 2(CALM2)

CALM1	calmodulin 1(CALM1)
MYLK	myosin light chain kinase(MYLK)
CAMK2A	calcium/calmodulin dependent protein kinase II alpha(CAMK2A)
VARS2	valyl-tRNA synthetase 2, mitochondrial(VARS2)
CALR	calreticulin(CALR)
MYO7A	myosin VIIA(MYO7A)
CAD	carbamoyl-phosphate synthetase 2, aspartate transcarbamylase, and dihydroorotase(CAD)
YARS	tyrosyl-tRNA synthetase(YARS)
KMO	kynurenine 3-monooxygenase(KMO)
CALCR	calcitonin receptor(CALCR)
CASK	calcium/calmodulin dependent serine protein kinase(CASK)
CALCB	calcitonin related polypeptide beta(CALCB)
CALCA	calcitonin related polypeptide alpha(CALCA)
ADPGK	ADP dependent glucokinase(ADPGK)
GRHL1	grainyhead like transcription factor 1(GRHL1)
NAGA	alpha-N-acetylgalactosaminidase(NAGA)
NAGLU	N-acetyl-alpha-glucosaminidase(NAGLU)
SMARCA5	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 5(SMARCA5)
CCK	cholecystokinin(CCK)
CCKBR	cholecystokinin B receptor(CCKBR)
SEC61A1	Sec61 translocon alpha 1 subunit(SEC61A1)
CCKAR	cholecystokinin A receptor(CCKAR)
GPR65	G protein-coupled receptor 65(GPR65)
GPR132	G protein-coupled receptor 132(GPR132)
CCNC	cyclin C(CCNC)
SLC5A7	solute carrier family 5 member 7(SLC5A7)
PDSS2	prenyl (decaprenyl) diphosphate synthase, subunit 2(PDSS2)
PNPLA2	patatin like phospholipase domain containing 2(PNPLA2)
CYSLTR2	cysteinyl leukotriene receptor 2(CYSLTR2)
CUL2	cullin 2(CUL2)
PGLYRP4	peptidoglycan recognition protein 4(PGLYRP4)
HACL1	2-hydroxyacyl-CoA lyase 1(HACL1)
TEAD2	TEA domain transcription factor 2(TEAD2)
LPAR5	lysophosphatidic acid receptor 5(LPAR5)
NUP107	nucleoporin 107(NUP107)
SLC43A1	solute carrier family 43 member 1(SLC43A1)
LYRM4	LYR motif containing 4(LYRM4)
PEX3	peroxisomal biogenesis factor 3(PEX3)
NDST2	N-deacetylase and N-sulfotransferase 2(NDST2)
MAN1C1	mannosidase alpha class 1C member 1(MAN1C1)
SLC13A3	solute carrier family 13 member 3(SLC13A3)

RAE1	ribonucleic acid export 1(RAE1)
GALR3	galanin receptor 3(GALR3)
CASP3	caspase 3(CASP3)
CASP9	caspase 9(CASP9)
ABHD12	abhydrolase domain containing 12(ABHD12)
CASR	calcium sensing receptor(CASR)
CAT	catalase(CAT)
CD36	CD36 molecule(CD36)
MPC2	mitochondrial pyruvate carrier 2(MPC2)
ALDH4A1	aldehyde dehydrogenase 4 family member A1(ALDH4A1)
SPCS3	signal peptidase complex subunit 3(SPCS3)
NCOA1	nuclear receptor coactivator 1(NCOA1)
AKR1C3	aldo-keto reductase family 1 member C3(AKR1C3)
ABCB11	ATP binding cassette subfamily B member 11(ABCB11)
S1PR4	sphingosine-1-phosphate receptor 4(S1PR4)
PLA2G2C	phospholipase A2 group IIC(PLA2G2C)
AGXT2	alanine--glyoxylate aminotransferase 2(AGXT2)
CD2	CD2 molecule(CD2)
MTHFD1L	methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 1-like(MTHFD1L)
SLC32A1	solute carrier family 32 member 1(SLC32A1)
CBX8	chromobox 8(CBX8)
DAGLB	diacylglycerol lipase beta(DAGLB)
RGS20	regulator of G-protein signaling 20(RGS20)
CDK2	cyclin dependent kinase 2(CDK2)
SLC25A12	solute carrier family 25 member 12(SLC25A12)
PLA2G4C	phospholipase A2 group IVC(PLA2G4C)
WWTR1	WW domain containing transcription regulator 1(WWTR1)
NFYA	nuclear transcription factor Y subunit alpha(NFYA)
NFYB	nuclear transcription factor Y subunit beta(NFYB)
NFYC	nuclear transcription factor Y subunit gamma(NFYC)
SIN3A	SIN3 transcription regulator family member A(SIN3A)
ASPDH	aspartate dehydrogenase domain containing(ASPDH)
NMBR	neuromedin B receptor(NMBR)
CHKB-CPT1B	CHKB-CPT1B readthrough (NMD candidate)(CHKB-CPT1B)
NMB	neuromedin B(NMB)
SLC26A6	solute carrier family 26 member 6(SLC26A6)
SCARF1	scavenger receptor class F member 1(SCARF1)
NOS1	nitric oxide synthase 1(NOS1)
NOS2	nitric oxide synthase 2(NOS2)
NOS3	nitric oxide synthase 3(NOS3)
NNMT	nicotinamide N-methyltransferase(NNMT)
NPAS2	neuronal PAS domain protein 2(NPAS2)
NPFF	neuropeptide FF-amide peptide precursor(NPFF)

PNP	purine nucleoside phosphorylase(PNP)
SLC2A11	solute carrier family 2 member 11(SLC2A11)
NPY	neuropeptide Y(NPY)
PPP1CC	protein phosphatase 1 catalytic subunit gamma(PPP1CC)
EIF4A3	eukaryotic translation initiation factor 4A3(EIF4A3)
CHAT	choline O-acetyltransferase(CHAT)
PPOX	protoporphyrinogen oxidase(PPOX)
CHDH	choline dehydrogenase(CHDH)
MLEC	malectin(MLEC)
SPCS2	signal peptidase complex subunit 2(SPCS2)
SLC28A3	solute carrier family 28 member 3(SLC28A3)
PTDSS1	phosphatidylserine synthase 1(PTDSS1)
CHKA	choline kinase alpha(CHKA)
LCLAT1	lysocardiolipin acyltransferase 1(LCLAT1)
ISYNA1	inositol-3-phosphate synthase 1(ISYNA1)
PPBP	pro-platelet basic protein(PPBP)
OXCT2	3-oxoacid CoA-transferase 2(OXCT2)
PPAT	phosphoribosyl pyrophosphate amidotransferase(PPAT)
AGPAT5	1-acylglycerol-3-phosphate O-acyltransferase 5(AGPAT5)
CHRM4	cholinergic receptor muscarinic 4(CHRM4)
PPARG	peroxisome proliferator activated receptor gamma(PPARG)
CHRM5	cholinergic receptor muscarinic 5(CHRM5)
MED1	mediator complex subunit 1(MED1)
CHRM3	cholinergic receptor muscarinic 3(CHRM3)
CHRM1	cholinergic receptor muscarinic 1(CHRM1)
CHRM2	cholinergic receptor muscarinic 2(CHRM2)
PPARA	peroxisome proliferator activated receptor alpha(PPARA)
CHKB	choline kinase beta(CHKB)
SLC29A3	solute carrier family 29 member 3(SLC29A3)
AMDHD1	amidohydrolase domain containing 1(AMDHD1)
NPFFR1	neuropeptide FF receptor 1(NPFFR1)
PON2	paraoxonase 2(PON2)
PON1	paraoxonase 1(PON1)
POMC	proopiomelanocortin(POMC)
CDK8	cyclin dependent kinase 8(CDK8)
LARS	leucyl-tRNA synthetase(LARS)
CDKN1A	cyclin dependent kinase inhibitor 1A(CDKN1A)
CDKN2A	cyclin dependent kinase inhibitor 2A(CDKN2A)
LGALS7B	galectin 7B(LGALS7B)
SIRT6	sirtuin 6(SIRT6)
SCLY	selenocysteine lyase(SCLY)
CES1	carboxylesterase 1(CES1)
PNLIP	pancreatic lipase(PNLIP)
CEL	carboxyl ester lipase(CEL)

LGSN	lensin, lens protein with glutamine synthetase domain(LGSN)
CGA	glycoprotein hormones, alpha polypeptide(CGA)
PI4K2A	phosphatidylinositol 4-kinase type 2 alpha(PI4K2A)
CCR2	C-C motif chemokine receptor 2(CCR2)
MED15	mediator complex subunit 15(MED15)
CCR1	C-C motif chemokine receptor 1(CCR1)
CCR7	C-C motif chemokine receptor 7(CCR7)
CCR8	C-C motif chemokine receptor 8(CCR8)
PIGT	phosphatidylinositol glycan anchor biosynthesis class T(PIGT)
CCR3	C-C motif chemokine receptor 3(CCR3)
CCR4	C-C motif chemokine receptor 4(CCR4)
CCR5	C-C motif chemokine receptor 5 (gene/pseudogene)(CCR5)
LDHD	lactate dehydrogenase D(LDHD)
LIPT1	lipoyltransferase 1(LIPT1)
CCR6	C-C motif chemokine receptor 6(CCR6)
LTB4R	leukotriene B4 receptor(LTB4R)
ERP27	endoplasmic reticulum protein 27(ERP27)
MED24	mediator complex subunit 24(MED24)
PSMD6	proteasome 26S subunit, non-ATPase 6(PSMD6)
PRKCSH	protein kinase C substrate 80K-H(PRKCSH)
MAPK8	mitogen-activated protein kinase 8(MAPK8)
MAPK3	mitogen-activated protein kinase 3(MAPK3)
MAPK1	mitogen-activated protein kinase 1(MAPK1)
CNR1	cannabinoid receptor 1(CNR1)
CNR2	cannabinoid receptor 2(CNR2)
COL1A2	collagen type I alpha 2 chain(COL1A2)
PRKCD	protein kinase C delta(PRKCD)
COL1A1	collagen type I alpha 1 chain(COL1A1)
PRKCE	protein kinase C epsilon(PRKCE)
PDF	peptide deformylase (mitochondrial)(PDF)
MPC1	mitochondrial pyruvate carrier 1(MPC1)
MED12	mediator complex subunit 12(MED12)
MED13	mediator complex subunit 13(MED13)
NR1H4	nuclear receptor subfamily 1 group H member 4(NR1H4)
PPY	pancreatic polypeptide(PPY)
NUP153	nucleoporin 153(NUP153)
SLC44A5	solute carrier family 44 member 5(SLC44A5)
RBX1	ring-box 1(RBX1)
LPGAT1	lysophosphatidylglycerol acyltransferase 1(LPGAT1)
PPP3CA	protein phosphatase 3 catalytic subunit alpha(PPP3CA)
P2RY14	purinergic receptor P2Y14(P2RY14)
VPS29	VPS29, retromer complex component(VPS29)
ERAP2	endoplasmic reticulum aminopeptidase 2(ERAP2)
ACSL5	acyl-CoA synthetase long-chain family member 5(ACSL5)

CLPS	colipase(CLPS)
GFPT2	glutamine-fructose-6-phosphate transaminase 2(GFPT2)
ETNK1	ethanolamine kinase 1(ETNK1)
DPEP2	dipeptidase 2(DPEP2)
GLTP	glycolipid transfer protein(GLTP)
CPT1A	carnitine palmitoyltransferase 1A(CPT1A)
NUP35	nucleoporin 35(NUP35)
CPS1	carbamoyl-phosphate synthase 1(CPS1)
CPOX	coproporphyrinogen oxidase(CPOX)
PIGP	phosphatidylinositol glycan anchor biosynthesis class P(PIGP)
MED29	mediator complex subunit 29(MED29)
CPB2	carboxypeptidase B2(CPB2)
CP	ceruloplasmin(CP)
ABCB4	ATP binding cassette subfamily B member 4(ABCB4)
CPA1	carboxypeptidase A1(CPA1)
HIF3A	hypoxia inducible factor 3 alpha subunit(HIF3A)
PIGK	phosphatidylinositol glycan anchor biosynthesis class K(PIGK)
ABCB1	ATP binding cassette subfamily B member 1(ABCB1)
MED16	mediator complex subunit 16(MED16)
GNE	glucosamine (UDP-N-acetyl)-2-epimerase/N-acetylmannosamine kinase(GNE)
RXFP4	relaxin/insulin like family peptide receptor 4(RXFP4)
CPA4	carboxypeptidase A4(CPA4)
PFAS	phosphoribosylformylglycinamide synthase(PFAS)
GNPDA1	glucosamine-6-phosphate deaminase 1(GNPDA1)
MED6	mediator complex subunit 6(MED6)
CRH	corticotropin releasing hormone(CRH)
NAALAD2	N-acetylated alpha-linked acidic dipeptidase 2(NAALAD2)
CRHR2	corticotropin releasing hormone receptor 2(CRHR2)
CRHR1	corticotropin releasing hormone receptor 1(CRHR1)
ALKBH2	alkB homolog 2, alpha-ketoglutarate dependent dioxygenase(ALKBH2)
PFKFB3	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3(PFKFB3)
CREBBP	CREB binding protein(CREBBP)
CPT2	carnitine palmitoyltransferase 2(CPT2)
RXFP3	relaxin/insulin like family peptide receptor 3(RXFP3)
HIF1AN	hypoxia inducible factor 1 alpha subunit inhibitor(HIF1AN)
SLC43A2	solute carrier family 43 member 2(SLC43A2)
COL10A1	collagen type X alpha 1 chain(COL10A1)
PENK	proenkephalin(PENK)
GPC6	glypican 6(GPC6)
COL3A1	collagen type III alpha 1 chain(COL3A1)

PIPOX	pipecolic acid and sarcosine oxidase(PIPOX)
RIMKLA	ribosomal modification protein rimK like family member A(RIMKLA)
PDYN	prodynorphin(PDYN)
GGT6	gamma-glutamyltransferase 6(GGT6)
PCSK1	proprotein convertase subtilisin/kexin type 1(PCSK1)
COMT	catechol-O-methyltransferase(COMT)
SLC25A15	solute carrier family 25 member 15(SLC25A15)
PLOD1	procollagen-lysine,2-oxoglutarate 5-dioxygenase 1(PLOD1)
NMS	neuromedin S(NMS)
SLC25A13	solute carrier family 25 member 13(SLC25A13)
CTLA4	cytotoxic T-lymphocyte associated protein 4(CTLA4)
LPCAT3	lysophosphatidylcholine acyltransferase 3(LPCAT3)
CTGF	connective tissue growth factor(CTGF)
CTH	cystathionine gamma-lyase(CTH)
LPAR6	lysophosphatidic acid receptor 6(LPAR6)
CTPS1	CTP synthase 1(CTPS1)
PLOD2	procollagen-lysine,2-oxoglutarate 5-dioxygenase 2(PLOD2)
PMCH	pro-melanin concentrating hormone(PMCH)
IYD	iodotyrosine deiodinase(IYD)
GGCT	gamma-glutamylcyclotransferase(GGCT)
EDEM2	ER degradation enhancing alpha-mannosidase like protein 2(EDEM2)
CTBP1	C-terminal binding protein 1(CTBP1)
AASS	aminoadipate-semialdehyde synthase(AASS)
NUP37	nucleoporin 37(NUP37)
PNOC	prepronociceptin(PNOC)
PLA2G1B	phospholipase A2 group IB(PLA2G1B)
CTSS	cathepsin S(CTSS)
PKM	pyruvate kinase, muscle(PKM)
AKAP9	A-kinase anchoring protein 9(AKAP9)
PLAT	plasminogen activator, tissue type(PLAT)
PLA2G2A	phospholipase A2 group IIA(PLA2G2A)
PLA2G4A	phospholipase A2 group IVA(PLA2G4A)
PLA2G5	phospholipase A2 group V(PLA2G5)
CTSD	cathepsin D(CTSD)
CTSB	cathepsin B(CTSB)
PLCB4	phospholipase C beta 4(PLCB4)
PLAUR	plasminogen activator, urokinase receptor(PLAUR)
PLAU	plasminogen activator, urokinase(PLAU)
PLCB3	phospholipase C beta 3(PLCB3)
CTRL	chymotrypsin like(CTRL)
PLCB2	phospholipase C beta 2(PLCB2)
PLG	plasminogen(PLG)

PLD1	phospholipase D1(PLD1)
COLEC11	collectin subfamily member 11(COLEC11)
PLD2	phospholipase D2(PLD2)
AFMID	arylformamidase(AFMID)
CS	citrate synthase(CS)
PIK3CA	phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit alpha(PIK3CA)
MAPK14	mitogen-activated protein kinase 14(MAPK14)
PIK3CG	phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit gamma(PIK3CG)
PIK3R1	phosphoinositide-3-kinase regulatory subunit 1(PIK3R1)
PIM1	Pim-1 proto-oncogene, serine/threonine kinase(PIM1)
CSF2	colony stimulating factor 2(CSF2)
MED30	mediator complex subunit 30(MED30)
RGS18	regulator of G-protein signaling 18(RGS18)
PSMD14	proteasome 26S subunit, non-ATPase 14(PSMD14)
NUP133	nucleoporin 133(NUP133)
PSME3	proteasome activator subunit 3(PSME3)
CNDP2	CNDP dipeptidase 2 (metallopeptidase M20 family)(CNDP2)
SUDS3	SDS3 homolog, SIN3A corepressor complex component(SUDS3)
LCMT1	leucine carboxyl methyltransferase 1(LCMT1)
GNG8	G protein subunit gamma 8(GNG8)
SLC25A10	solute carrier family 25 member 10(SLC25A10)
OPN4	opsin 4(OPN4)
CST3	cystatin C(CST3)
PHYH	phytanoyl-CoA 2-hydroxylase(PHYH)
GPRC6A	G protein-coupled receptor class C group 6 member A(GPRC6A)
PIGA	phosphatidylinositol glycan anchor biosynthesis class A(PIGA)
LRAT	lecithin retinol acyltransferase (phosphatidylcholine--retinol O-acyltransferase)(LRAT)
DDC	dopa decarboxylase(DDC)
RELA	RELA proto-oncogene, NF-kB subunit(RELA)
DCK	deoxycytidine kinase(DCK)
ACE	angiotensin I converting enzyme(ACE)
REN	renin(REN)
DDX6	DEAD-box helicase 6(DDX6)
MBOAT4	membrane bound O-acyltransferase domain containing 4(MBOAT4)
DAO	D-amino acid oxidase(DAO)
RHO	rhodopsin(RHO)
MBOAT2	membrane bound O-acyltransferase domain containing 2(MBOAT2)

STK17B	serine/threonine kinase 17b(STK17B)
DARS	aspartyl-tRNA synthetase(DARS)
RGS7	regulator of G-protein signaling 7(RGS7)
RGS10	regulator of G-protein signaling 10(RGS10)
ACOT13	acyl-CoA thioesterase 13(ACOT13)
AIMP1	aminoacyl tRNA synthetase complex interacting multifunctional protein 1(AIMP1)
DBT	dihydrolipoamide branched chain transacylase E2(DBT)
RGS2	regulator of G-protein signaling 2(RGS2)
RGS1	regulator of G-protein signaling 1(RGS1)
RGS4	regulator of G-protein signaling 4(RGS4)
CYTH2	cytohesin 2(CYTH2)
CD274	CD274 molecule(CD274)
S1PR2	sphingosine-1-phosphate receptor 2(S1PR2)
ACSS2	acyl-CoA synthetase short-chain family member 2(ACSS2)
CYP7A1	cytochrome P450 family 7 subfamily A member 1(CYP7A1)
RARS	arginyl-tRNA synthetase(RARS)
SAP30BP	SAP30 binding protein(SAP30BP)
GPR55	G protein-coupled receptor 55(GPR55)
CYP4A11	cytochrome P450 family 4 subfamily A member 11(CYP4A11)
MANEA	mannosidase endo-alpha(MANEA)
CYP3A4	cytochrome P450 family 3 subfamily A member 4(CYP3A4)
CYP2J2	cytochrome P450 family 2 subfamily J member 2(CYP2J2)
MED14	mediator complex subunit 14(MED14)
SAP30L	SAP30 like(SAP30L)
CYP2E1	cytochrome P450 family 2 subfamily E member 1(CYP2E1)
RANBP2	RAN binding protein 2(RANBP2)
CYP51A1	cytochrome P450 family 51 subfamily A member 1(CYP51A1)
CYP19A1	cytochrome P450 family 19 subfamily A member 1(CYP19A1)
CYP2A6	cytochrome P450 family 2 subfamily A member 6(CYP2A6)
CYP1A2	cytochrome P450 family 1 subfamily A member 2(CYP1A2)
SLC29A4	solute carrier family 29 member 4(SLC29A4)
CYP1B1	cytochrome P450 family 1 subfamily B member 1(CYP1B1)
RBP1	retinol binding protein 1(RBP1)
MED4	mediator complex subunit 4(MED4)
CYP1A1	cytochrome P450 family 1 subfamily A member 1(CYP1A1)
TBL1XR1	transducin beta like 1 X-linked receptor 1(TBL1XR1)
KLF4	Kruppel like factor 4(KLF4)
GLP2R	glucagon like peptide 2 receptor(GLP2R)
CYP2C19	cytochrome P450 family 2 subfamily C member 19(CYP2C19)
RASGRF2	Ras protein specific guanine nucleotide releasing factor 2(RASGRF2)
CYP2C9	cytochrome P450 family 2 subfamily C member 9(CYP2C9)
CYP2C8	cytochrome P450 family 2 subfamily C member 8(CYP2C8)

RASGRF1	Ras protein specific guanine nucleotide releasing factor 1(RASGRF1)
NDST3	N-deacetylase and N-sulfotransferase 3(NDST3)
DNASE1	deoxyribonuclease 1(DNASE1)
RAB9A	RAB9A, member RAS oncogene family(RAB9A)
ADIPOQ	adiponectin, C1Q and collagen domain containing(ADIPOQ)
DNMT1	DNA methyltransferase 1(DNMT1)
HDHD3	haloacid dehalogenase like hydrolase domain containing 3(HDHD3)
RORA	RAR related orphan receptor A(RORA)
DNMT3B	DNA methyltransferase 3 beta(DNMT3B)
GRHPR	glyoxylate and hydroxypyruvate reductase(GRHPR)
DLD	dihydrolipoamide dehydrogenase(DLD)
DLST	dihydrolipoamide S-succinyltransferase(DLST)
DLG4	discs large MAGUK scaffold protein 4(DLG4)
GNG12	G protein subunit gamma 12(GNG12)
RPE65	RPE65, retinoid isomerohydrolase(RPE65)
SEC11C	SEC11 homolog C, signal peptidase complex subunit(SEC11C)
SARDH	sarcosine dehydrogenase(SARDH)
DNM1	dynamamin 1(DNM1)
FADS2	fatty acid desaturase 2(FADS2)
PLD6	phospholipase D family member 6(PLD6)
MED21	mediator complex subunit 21(MED21)
RNASE1	ribonuclease A family member 1, pancreatic(RNASE1)
ACOT1	acyl-CoA thioesterase 1(ACOT1)
RNF2	ring finger protein 2(RNF2)
DHFR	dihydrofolate reductase(DHFR)
SLC27A6	solute carrier family 27 member 6(SLC27A6)
MED23	mediator complex subunit 23(MED23)
SPCS1	signal peptidase complex subunit 1(SPCS1)
DHODH	dihydroorotate dehydrogenase (quinone)(DHODH)
MED26	mediator complex subunit 26(MED26)
MED17	mediator complex subunit 17(MED17)
MED7	mediator complex subunit 7(MED7)
MED27	mediator complex subunit 27(MED27)
DECR1	2,4-dienoyl-CoA reductase 1, mitochondrial(DECR1)
SLC16A10	solute carrier family 16 member 10(SLC16A10)
EIF2AK3	eukaryotic translation initiation factor 2 alpha kinase 3(EIF2AK3)
PSMC5	proteasome 26S subunit, ATPase 5(PSMC5)
PHC2	polyhomeotic homolog 2(PHC2)
PSMC4	proteasome 26S subunit, ATPase 4(PSMC4)
PSMD1	proteasome 26S subunit, non-ATPase 1(PSMD1)
PSMC6	proteasome 26S subunit, ATPase 6(PSMC6)

PSMD3	proteasome 26S subunit, non-ATPase 3(PSMD3)
PSMD2	proteasome 26S subunit, non-ATPase 2(PSMD2)
PSMD5	proteasome 26S subunit, non-ATPase 5(PSMD5)
PSMD4	proteasome 26S subunit, non-ATPase 4(PSMD4)
PYY	peptide YY(PYY)
PSMF1	proteasome inhibitor subunit 1(PSMF1)
EDN2	endothelin 2(EDN2)
PSMB10	proteasome subunit beta 10(PSMB10)
EDN1	endothelin 1(EDN1)
EDNRA	endothelin receptor type A(EDNRA)
PSMC2	proteasome 26S subunit, ATPase 2(PSMC2)
EDN3	endothelin 3(EDN3)
PSMC1	proteasome 26S subunit, ATPase 1(PSMC1)
PHC1	polyhomeotic homolog 1(PHC1)
EDNRB	endothelin receptor type B(EDNRB)
PSMC3	proteasome 26S subunit, ATPase 3(PSMC3)
PSME1	proteasome activator subunit 1(PSME1)
PSME2	proteasome activator subunit 2(PSME2)
ERAP1	endoplasmic reticulum aminopeptidase 1(ERAP1)
PSPH	phosphoserine phosphatase(PSPH)
PTAFR	platelet activating factor receptor(PTAFR)
S1PR1	sphingosine-1-phosphate receptor 1(S1PR1)
LPAR1	lysophosphatidic acid receptor 1(LPAR1)
TAS2R38	taste 2 receptor member 38(TAS2R38)
PIGL	phosphatidylinositol glycan anchor biosynthesis class L(PIGL)
S1PR3	sphingosine-1-phosphate receptor 3(S1PR3)
PSMD7	proteasome 26S subunit, non-ATPase 7(PSMD7)
PSMD8	proteasome 26S subunit, non-ATPase 8(PSMD8)
PSMD9	proteasome 26S subunit, non-ATPase 9(PSMD9)
PSMD10	proteasome 26S subunit, non-ATPase 10(PSMD10)
MED20	mediator complex subunit 20(MED20)
PSMD11	proteasome 26S subunit, non-ATPase 11(PSMD11)
PSMD12	proteasome 26S subunit, non-ATPase 12(PSMD12)
PSMD13	proteasome 26S subunit, non-ATPase 13(PSMD13)
PTGIR	prostaglandin I2 (prostacyclin) receptor (IP)(PTGIR)
PTGFR	prostaglandin F receptor(PTGFR)
PTGS2	prostaglandin-endoperoxide synthase 2(PTGS2)
PTGS1	prostaglandin-endoperoxide synthase 1(PTGS1)
PTH	parathyroid hormone(PTH)
PSMA8	proteasome subunit alpha 8(PSMA8)
PTGER1	prostaglandin E receptor 1(PTGER1)
EEF1E1	eukaryotic translation elongation factor 1 epsilon 1(EEF1E1)
PTGDR	prostaglandin D2 receptor(PTGDR)
NPEPPS	aminopeptidase puromycin sensitive(NPEPPS)

PTGER4	prostaglandin E receptor 4(PTGER4)
PTGER3	prostaglandin E receptor 3(PTGER3)
PTGER2	prostaglandin E receptor 2(PTGER2)
ADCY4	adenylate cyclase 4(ADCY4)
PTH2R	parathyroid hormone 2 receptor(PTH2R)
PTHLH	parathyroid hormone like hormone(PTHLH)
PTH1R	parathyroid hormone 1 receptor(PTH1R)
DUT	deoxyuridine triphosphatase(DUT)
H6PD	hexose-6-phosphate dehydrogenase/glucose 1-dehydrogenase(H6PD)
PSAP	prosaposin(PSAP)
NEU4	neuraminidase 4(NEU4)
MASP1	mannan binding lectin serine peptidase 1(MASP1)
DRD5	dopamine receptor D5(DRD5)
DRD4	dopamine receptor D4(DRD4)
DRD3	dopamine receptor D3(DRD3)
DRD2	dopamine receptor D2(DRD2)
DRD1	dopamine receptor D1(DRD1)
ASPG	asparaginase(ASPG)
PSMB6	proteasome subunit beta 6(PSMB6)
DPYD	dihydropyrimidine dehydrogenase(DPYD)
PSMB7	proteasome subunit beta 7(PSMB7)
PSMB4	proteasome subunit beta 4(PSMB4)
PSMB5	proteasome subunit beta 5(PSMB5)
PSMB2	proteasome subunit beta 2(PSMB2)
PSMB3	proteasome subunit beta 3(PSMB3)
DPP4	dipeptidyl peptidase 4(DPP4)
PSMA7	proteasome subunit alpha 7(PSMA7)
DPEP1	dipeptidase 1 (renal)(DPEP1)
PSMB1	proteasome subunit beta 1(PSMB1)
PSMA5	proteasome subunit alpha 5(PSMA5)
CLOCK	clock circadian regulator(CLOCK)
PSMA6	proteasome subunit alpha 6(PSMA6)
PSMA3	proteasome subunit alpha 3(PSMA3)
PSMA4	proteasome subunit alpha 4(PSMA4)
PSMA1	proteasome subunit alpha 1(PSMA1)
GABBR2	gamma-aminobutyric acid type B receptor subunit 2(GABBR2)
PEX19	peroxisomal biogenesis factor 19(PEX19)
EP300	E1A binding protein p300(EP300)
EPAS1	endothelial PAS domain protein 1(EPAS1)
ALDH18A1	aldehyde dehydrogenase 18 family member A1(ALDH18A1)
ACMSD	aminocarboxymuconate semialdehyde decarboxylase(ACMSD)
PCYT2	phosphate cytidylyltransferase 2, ethanolamine(PCYT2)
RGS6	regulator of G-protein signaling 6(RGS6)

PYGL	phosphorylase, glycogen, liver(PYGL)
PYGM	phosphorylase, glycogen, muscle(PYGM)
GNA14	G protein subunit alpha 14(GNA14)
NUP155	nucleoporin 155(NUP155)
NCOR1	nuclear receptor corepressor 1(NCOR1)
GNAT3	G protein subunit alpha transducin 3(GNAT3)
SLC36A2	solute carrier family 36 member 2(SLC36A2)
NCOR2	nuclear receptor corepressor 2(NCOR2)
ENPEP	glutamyl aminopeptidase(ENPEP)
SLC29A1	solute carrier family 29 member 1 (Augustine blood group)(SLC29A1)
QARS	glutaminyl-tRNA synthetase(QARS)
QDPR	quinoid dihydropteridine reductase(QDPR)
RAB3A	RAB3A, member RAS oncogene family(RAB3A)
CELA1	chymotrypsin like elastase family member 1(CELA1)
GPCPD1	glycerophosphocholine phosphodiesterase 1(GPCPD1)
EDEM1	ER degradation enhancing alpha-mannosidase like protein 1(EDEM1)
NUP93	nucleoporin 93(NUP93)
QSOX1	quiescin sulfhydryl oxidase 1(QSOX1)
PTPN1	protein tyrosine phosphatase, non-receptor type 1(PTPN1)
SDC3	syndecan 3(SDC3)
EFNA1	ephrin A1(EFNA1)
GABRR3	gamma-aminobutyric acid type A receptor rho3 subunit (gene/pseudogene)(GABRR3)
SLC7A10	solute carrier family 7 member 10(SLC7A10)
ART5	ADP-ribosyltransferase 5(ART5)
ACSS3	acyl-CoA synthetase short-chain family member 3(ACSS3)
PTS	6-pyruvoyltetrahydropterin synthase(PTS)
SAP130	Sin3A associated protein 130(SAP130)
SLC27A2	solute carrier family 27 member 2(SLC27A2)
SLC18A3	solute carrier family 18 member A3(SLC18A3)
SLC19A1	solute carrier family 19 member 1(SLC19A1)
FCER1A	Fc fragment of IgE receptor Ia(FCER1A)
PNPLA8	patatin like phospholipase domain containing 8(PNPLA8)
FASN	fatty acid synthase(FASN)
SLC27A5	solute carrier family 27 member 5(SLC27A5)
SLC16A1	solute carrier family 16 member 1(SLC16A1)
SLC27A4	solute carrier family 27 member 4(SLC27A4)
METAP2	methionyl aminopeptidase 2(METAP2)
SLC25A1	solute carrier family 25 member 1(SLC25A1)
ACSL3	acyl-CoA synthetase long-chain family member 3(ACSL3)
SLC22A1	solute carrier family 22 member 1(SLC22A1)
ACSL1	acyl-CoA synthetase long-chain family member 1(ACSL1)

SLC22A2	solute carrier family 22 member 2(SLC22A2)
ACSL4	acyl-CoA synthetase long-chain family member 4(ACSL4)
SLC6A11	solute carrier family 6 member 11(SLC6A11)
SLC6A12	solute carrier family 6 member 12(SLC6A12)
FECH	ferrochelatase(FECH)
SLC6A9	solute carrier family 6 member 9(SLC6A9)
GPC4	glypican 4(GPC4)
SLC6A13	solute carrier family 6 member 13(SLC6A13)
SLC7A1	solute carrier family 7 member 1(SLC7A1)
SLC6A3	solute carrier family 6 member 3(SLC6A3)
SLC6A1	solute carrier family 6 member 1(SLC6A1)
PNPLA3	patatin like phospholipase domain containing 3(PNPLA3)
ACOT2	acyl-CoA thioesterase 2(ACOT2)
ADAM33	ADAM metallopeptidase domain 33(ADAM33)
FCGRT	Fc fragment of IgG receptor and transporter(FCGRT)
SEC61B	Sec61 translocon beta subunit(SEC61B)
FDFT1	farnesyl-diphosphate farnesyltransferase 1(FDFT1)
DNAJC5	DnaJ heat shock protein family (Hsp40) member C5(DNAJC5)
FCN2	ficolin 2(FCN2)
SLC7A4	solute carrier family 7 member 4(SLC7A4)
FCGR3B	Fc fragment of IgG receptor IIIb(FCGR3B)
FH	fumarate hydratase(FH)
FGG	fibrinogen gamma chain(FGG)
SLC25A21	solute carrier family 25 member 21(SLC25A21)
GPC5	glypican 5(GPC5)
AQP10	aquaporin 10(AQP10)
SOD1	superoxide dismutase 1, soluble(SOD1)
FGF1	fibroblast growth factor 1(FGF1)
UTS2	urotensin 2(UTS2)
SMARCD3	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 3(SMARCD3)
OXER1	oxoeicosanoid receptor 1(OXER1)
MAN1A2	mannosidase alpha class 1A member 2(MAN1A2)
RXFP1	relaxin/insulin like family peptide receptor 1(RXFP1)
SLC38A2	solute carrier family 38 member 2(SLC38A2)
TAS2R5	taste 2 receptor member 5(TAS2R5)
HRH4	histamine receptor H4(HRH4)
EDEM3	ER degradation enhancing alpha-mannosidase like protein 3(EDEM3)
PPARGC1A	PPARG coactivator 1 alpha(PPARGC1A)
GLYATL2	glycine-N-acyltransferase like 2(GLYATL2)
SNAP25	synaptosome associated protein 25(SNAP25)
PROKR1	prokineticin receptor 1(PROKR1)
NPF2R2	neuropeptide FF receptor 2(NPF2R2)

SIGLEC1	sialic acid binding Ig like lectin 1(SIGLEC1)
FHL2	four and a half LIM domains 2(FHL2)
SMPD1	sphingomyelin phosphodiesterase 1(SMPD1)
ME3	malic enzyme 3(ME3)
SFTPD	surfactant protein D(SFTPD)
NMU	neuromedin U(NMU)
CCL27	C-C motif chemokine ligand 27(CCL27)
EPRS	glutamyl-prolyl-tRNA synthetase(EPRS)
ESD	esterase D(ESD)
ESR2	estrogen receptor 2(ESR2)
FTCD	formimidoyltransferase cyclodeaminase(FTCD)
ALDH1L1	aldehyde dehydrogenase 1 family member L1(ALDH1L1)
CHD9	chromodomain helicase DNA binding protein 9(CHD9)
HAO1	hydroxyacid oxidase 1(HAO1)
HKDC1	hexokinase domain containing 1(HKDC1)
EXT2	exostosin glycosyltransferase 2(EXT2)
CYSLTR1	cysteinyl leukotriene receptor 1(CYSLTR1)
APOA5	apolipoprotein A5(APOA5)
CCR9	C-C motif chemokine receptor 9(CCR9)
EXT1	exostosin glycosyltransferase 1(EXT1)
SLC1A4	solute carrier family 1 member 4(SLC1A4)
CPLX1	complexin 1(CPLX1)
SLC1A6	solute carrier family 1 member 6(SLC1A6)
SLC1A5	solute carrier family 1 member 5(SLC1A5)
SLC1A1	solute carrier family 1 member 1(SLC1A1)
HSPH1	heat shock protein family H (Hsp110) member 1(HSPH1)
SLC1A3	solute carrier family 1 member 3(SLC1A3)
SLC1A2	solute carrier family 1 member 2(SLC1A2)
SLC2A4	solute carrier family 2 member 4(SLC2A4)
SLC2A5	solute carrier family 2 member 5(SLC2A5)
SLC3A1	solute carrier family 3 member 1(SLC3A1)
SLC1A7	solute carrier family 1 member 7(SLC1A7)
SLC2A1	solute carrier family 2 member 1(SLC2A1)
SLC2A2	solute carrier family 2 member 2(SLC2A2)
SLC2A3	solute carrier family 2 member 3(SLC2A3)
SLC5A2	solute carrier family 5 member 2(SLC5A2)
SLC3A2	solute carrier family 3 member 2(SLC3A2)
GNG2	G protein subunit gamma 2(GNG2)
SLC5A1	solute carrier family 5 member 1(SLC5A1)
FABP4	fatty acid binding protein 4(FABP4)
SLC2A12	solute carrier family 2 member 12(SLC2A12)
SHMT1	serine hydroxymethyltransferase 1(SHMT1)
PLA2G3	phospholipase A2 group III(PLA2G3)
G0S2	G0/G1 switch 2(G0S2)

F12	coagulation factor XII(F12)
ASRGL1	asparaginase like 1(ASRGL1)
AHCYL1	adenosylhomocysteinase like 1(AHCYL1)
EDC3	enhancer of mRNA decapping 3(EDC3)
SI	sucrase-isomaltase(SI)
SHMT2	serine hydroxymethyltransferase 2(SHMT2)
FABP1	fatty acid binding protein 1(FABP1)
FADS6	fatty acid desaturase 6(FADS6)
F2RL1	F2R like trypsin receptor 1(F2RL1)
F2RL2	coagulation factor II thrombin receptor like 2(F2RL2)
F2R	coagulation factor II thrombin receptor(F2R)
NUP50	nucleoporin 50(NUP50)
NAGS	N-acetylglutamate synthase(NAGS)
SLC6A19	solute carrier family 6 member 19(SLC6A19)
SLC7A11	solute carrier family 7 member 11(SLC7A11)
SCD	stearoyl-CoA desaturase(SCD)
PTGDR2	prostaglandin D2 receptor 2(PTGDR2)
SLC6A14	solute carrier family 6 member 14(SLC6A14)
HRH3	histamine receptor H3(HRH3)
MAN1B1	mannosidase alpha class 1B member 1(MAN1B1)
GRIN3B	glutamate ionotropic receptor NMDA type subunit 3B(GRIN3B)
ACSM3	acyl-CoA synthetase medium-chain family member 3(ACSM3)
GRIN3A	glutamate ionotropic receptor NMDA type subunit 3A(GRIN3A)
PLD3	phospholipase D family member 3(PLD3)
SAT1	spermidine/spermine N1-acetyltransferase 1(SAT1)
CA14	carbonic anhydrase 14(CA14)
SAA1	serum amyloid A1(SAA1)
NUP62	nucleoporin 62(NUP62)
FSHR	follicle stimulating hormone receptor(FSHR)
FTH1	ferritin heavy chain 1(FTH1)
NAT8L	N-acetyltransferase 8 like(NAT8L)
NTSR2	neurotensin receptor 2(NTSR2)
SLC2A6	solute carrier family 2 member 6(SLC2A6)
TREH	trehalase(TREH)
BAZ2A	bromodomain adjacent to zinc finger domain 2A(BAZ2A)
SDHD	succinate dehydrogenase complex subunit D(SDHD)
SDHC	succinate dehydrogenase complex subunit C(SDHC)
SDHB	succinate dehydrogenase complex iron sulfur subunit B(SDHB)
SDHA	succinate dehydrogenase complex flavoprotein subunit A(SDHA)
CXCL12	C-X-C motif chemokine ligand 12(CXCL12)
SDC4	syndecan 4(SDC4)
SDC1	syndecan 1(SDC1)
SDC2	syndecan 2(SDC2)

GAST	gastrin(GAST)
CXCL5	C-X-C motif chemokine ligand 5(CXCL5)
PDSS1	prenyl (decaprenyl) diphosphate synthase, subunit 1(PDSS1)
XCL1	X-C motif chemokine ligand 1(XCL1)
CXCL6	C-X-C motif chemokine ligand 6(CXCL6)
CXCL11	C-X-C motif chemokine ligand 11(CXCL11)
CCL25	C-C motif chemokine ligand 25(CCL25)
PGAP1	post-GPI attachment to proteins 1(PGAP1)
CCL20	C-C motif chemokine ligand 20(CCL20)
CCL21	C-C motif chemokine ligand 21(CCL21)
PLA2G16	phospholipase A2 group XVI(PLA2G16)
CCL16	C-C motif chemokine ligand 16(CCL16)
CCL19	C-C motif chemokine ligand 19(CCL19)
PHC3	polyhomeotic homolog 3(PHC3)
G6PC	glucose-6-phosphatase catalytic subunit(G6PC)
FYN	FYN proto-oncogene, Src family tyrosine kinase(FYN)
CRLS1	cardiolipin synthase 1(CRLS1)
CES4A	carboxylesterase 4A(CES4A)
SLC7A9	solute carrier family 7 member 9(SLC7A9)
CCL5	C-C motif chemokine ligand 5(CCL5)
GABRA3	gamma-aminobutyric acid type A receptor alpha3 subunit(GABRA3)
GABRA4	gamma-aminobutyric acid type A receptor alpha4 subunit(GABRA4)
GABRA5	gamma-aminobutyric acid type A receptor alpha5 subunit(GABRA5)
LPAR3	lysophosphatidic acid receptor 3(LPAR3)
GABRA6	gamma-aminobutyric acid type A receptor alpha6 subunit(GABRA6)
SCTR	secretin receptor(SCTR)
GABRA1	gamma-aminobutyric acid type A receptor alpha1 subunit(GABRA1)
CCL2	C-C motif chemokine ligand 2(CCL2)
GABRA2	gamma-aminobutyric acid type A receptor alpha2 subunit(GABRA2)
GAA	glucosidase alpha, acid(GAA)
NPW	neuropeptide W(NPW)
GABBR1	gamma-aminobutyric acid type B receptor subunit 1(GABBR1)
SCT	secretin(SCT)
UGT1A1	UDP glucuronosyltransferase family 1 member A1(UGT1A1)
UGT1A3	UDP glucuronosyltransferase family 1 member A3(UGT1A3)
ACOT12	acyl-CoA thioesterase 12(ACOT12)
FN1	fibronectin 1(FN1)
FNTA	farnesyltransferase, CAAX box, alpha(FNTA)

FOLH1	folate hydrolase 1(FOLH1)
FOS	Fos proto-oncogene, AP-1 transcription factor subunit(FOS)
FPR1	formyl peptide receptor 1(FPR1)
FPGS	folylpolyglutamate synthase(FPGS)
FPR3	formyl peptide receptor 3(FPR3)
FPR2	formyl peptide receptor 2(FPR2)
NUPL2	nucleoporin like 2(NUPL2)
UGT1A9	UDP glucuronosyltransferase family 1 member A9(UGT1A9)
RYR3	ryanodine receptor 3(RYR3)
EGLN1	egl-9 family hypoxia inducible factor 1(EGLN1)
UGT1A7	UDP glucuronosyltransferase family 1 member A7(UGT1A7)
RXRA	retinoid X receptor alpha(RXRA)
BHMT2	betaine--homocysteine S-methyltransferase 2(BHMT2)
PLA2G4D	phospholipase A2 group IVD(PLA2G4D)
ACSM1	acyl-CoA synthetase medium-chain family member 1(ACSM1)
ADM2	adrenomedullin 2(ADM2)
PHOSPHO1	phosphoethanolamine/phosphocholine phosphatase(PHOSPHO1)
FXN	frataxin(FXN)
GLIPR1	GLI pathogenesis related 1(GLIPR1)
PLBD1	phospholipase B domain containing 1(PLBD1)
RPS27A	ribosomal protein S27a(RPS27A)
LIAS	lipoic acid synthetase(LIAS)
LPCAT1	lysophosphatidylcholine acyltransferase 1(LPCAT1)
NUP85	nucleoporin 85(NUP85)
ACSM5	acyl-CoA synthetase medium-chain family member 5(ACSM5)
TH	tyrosine hydroxylase(TH)
TAAR1	trace amine associated receptor 1(TAAR1)
GLUD1	glutamate dehydrogenase 1(GLUD1)
GLUD2	glutamate dehydrogenase 2(GLUD2)
TGFBR2	transforming growth factor beta receptor 2(TGFBR2)
GLS	glutaminase(GLS)
GLRA2	glycine receptor alpha 2(GLRA2)
GLRB	glycine receptor beta(GLRB)
GLP1R	glucagon like peptide 1 receptor(GLP1R)
GLRA1	glycine receptor alpha 1(GLRA1)
GLDC	glycine decarboxylase(GLDC)
GCLM	glutamate-cysteine ligase modifier subunit(GCLM)
GCLC	glutamate-cysteine ligase catalytic subunit(GCLC)
TAS1R1	taste 1 receptor member 1(TAS1R1)
GLB1	galactosidase beta 1(GLB1)
AADAT	aminoadipate aminotransferase(AADAT)
GLA	galactosidase alpha(GLA)
TKT	transketolase(TKT)

GPC3	glypican 3(GPC3)
GK2	glycerol kinase 2(GK2)
GK	glycerol kinase(GK)
MOCOS	molybdenum cofactor sulfurase(MOCOS)
GIPR	gastric inhibitory polypeptide receptor(GIPR)
GHSR	growth hormone secretagogue receptor(GHSR)
GHRHR	growth hormone releasing hormone receptor(GHRHR)
GIP	gastric inhibitory polypeptide(GIP)
PROKR2	prokineticin receptor 2(PROKR2)
GHRH	growth hormone releasing hormone(GHRH)
ANGPTL4	angiopoietin like 4(ANGPTL4)
GOT2	glutamic-oxaloacetic transaminase 2(GOT2)
TM7SF2	transmembrane 7 superfamily member 2(TM7SF2)
GOT1	glutamic-oxaloacetic transaminase 1(GOT1)
GNGT2	G protein subunit gamma transducin 2(GNGT2)
GNGT1	G protein subunit gamma transducin 1(GNGT1)
GNS	glucosamine (N-acetyl)-6-sulfatase(GNS)
TNNC1	troponin C1, slow skeletal and cardiac type(TNNC1)
GNRHR	gonadotropin releasing hormone receptor(GNRHR)
GNRH2	gonadotropin releasing hormone 2(GNRH2)
GNRH1	gonadotropin releasing hormone 1(GNRH1)
GNG5	G protein subunit gamma 5(GNG5)
GNG4	G protein subunit gamma 4(GNG4)
GNG3	G protein subunit gamma 3(GNG3)
GNB3	G protein subunit beta 3(GNB3)
RHBDL2	rhomboid like 2(RHBDL2)
GNG10	G protein subunit gamma 10(GNG10)
TNF	tumor necrosis factor(TNF)
GNG7	G protein subunit gamma 7(GNG7)
GNAQ	G protein subunit alpha q(GNAQ)
GNAS	GNAS complex locus(GNAS)
SCCPDH	saccharopine dehydrogenase (putative)(SCCPDH)
GNAT1	G protein subunit alpha transducin 1(GNAT1)
SLC17A8	solute carrier family 17 member 8(SLC17A8)
GNB1	G protein subunit beta 1(GNB1)
GNB2	G protein subunit beta 2(GNB2)
LPCAT2	lysophosphatidylcholine acyltransferase 2(LPCAT2)
GNA15	G protein subunit alpha 15(GNA15)
GNAI1	G protein subunit alpha i1(GNAI1)
GNAI2	G protein subunit alpha i2(GNAI2)
GNAI3	G protein subunit alpha i3(GNAI3)
SDHAF2	succinate dehydrogenase complex assembly factor 2(SDHAF2)
GAL	galanin and GMAP prepropeptide(GAL)
GM2A	GM2 ganglioside activator(GM2A)

YAP1	Yes associated protein 1(YAP1)
GNA11	G protein subunit alpha 11(GNA11)
CRYL1	crystallin lambda 1(CRYL1)
GLUL	glutamate-ammonia ligase(GLUL)
TP53	tumor protein p53(TP53)
RSPO1	R-spondin 1(RSPO1)
AKR1A1	aldo-keto reductase family 1 member A1(AKR1A1)
TBXA2R	thromboxane A2 receptor(TBXA2R)
LAP3	leucine aminopeptidase 3(LAP3)
MED19	mediator complex subunit 19(MED19)
GDPD2	glycerophosphodiester phosphodiesterase domain containing 2(GDPD2)
TCEB2	transcription elongation factor B subunit 2(TCEB2)
GART	phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide synthetase, phosphoribosylaminoimidazole synthetase(GART)
YARS2	tyrosyl-tRNA synthetase 2(YARS2)
TCEB1	transcription elongation factor B subunit 1(TCEB1)
GARS	glycyl-tRNA synthetase(GARS)
GAPDH	glyceraldehyde-3-phosphate dehydrogenase(GAPDH)
GANC	glucosidase alpha, neutral C(GANC)
GAMT	guanidinoacetate N-methyltransferase(GAMT)
DPP8	dipeptidyl peptidase 8(DPP8)
NMUR1	neuromedin U receptor 1(NMUR1)
QSOX2	quiescin sulfhydryl oxidase 2(QSOX2)
GALC	galactosylceramidase(GALC)
GALNS	galactosamine (N-acetyl)-6-sulfatase(GALNS)
GALK2	galactokinase 2(GALK2)
ALKBH5	alkB homolog 5, RNA demethylase(ALKBH5)
GALK1	galactokinase 1(GALK1)
GALR1	galanin receptor 1(GALR1)
GABRE	gamma-aminobutyric acid type A receptor epsilon subunit(GABRE)
GABRG1	gamma-aminobutyric acid type A receptor gamma1 subunit(GABRG1)
GABRG2	gamma-aminobutyric acid type A receptor gamma2 subunit(GABRG2)
GABRG3	gamma-aminobutyric acid type A receptor gamma3 subunit(GABRG3)
GABRB1	gamma-aminobutyric acid type A receptor beta1 subunit(GABRB1)
SLC22A12	solute carrier family 22 member 12(SLC22A12)
GABRB2	gamma-aminobutyric acid type A receptor beta2 subunit(GABRB2)

GABRB3	gamma-aminobutyric acid type A receptor beta3 subunit(GABRB3)
GABRD	gamma-aminobutyric acid type A receptor delta subunit(GABRD)
GAD2	glutamate decarboxylase 2(GAD2)
GABRP	gamma-aminobutyric acid type A receptor pi subunit(GABRP)
GABRR1	gamma-aminobutyric acid type A receptor rho1 subunit(GABRR1)
GABRR2	gamma-aminobutyric acid type A receptor rho2 subunit(GABRR2)
GAD1	glutamate decarboxylase 1(GAD1)
ALKBH4	alkB homolog 4, lysine demethylase(ALKBH4)
GFPT1	glutamine--fructose-6-phosphate transaminase 1(GFPT1)
GGT1	gamma-glutamyltransferase 1(GGT1)
B4GALT1	beta-1,4-galactosyltransferase 1(B4GALT1)
MED31	mediator complex subunit 31(MED31)
MED18	mediator complex subunit 18(MED18)
AMDHD2	amidohydrolase domain containing 2(AMDHD2)
GGT5	gamma-glutamyltransferase 5(GGT5)
COQ6	coenzyme Q6, monooxygenase(COQ6)
GGT7	gamma-glutamyltransferase 7(GGT7)
NMNAT3	nicotinamide nucleotide adenylyltransferase 3(NMNAT3)
GPHN	gephyrin(GPHN)
CNNM2	cyclin and CBS domain divalent metal cation transport mediator 2(CNNM2)
TDO2	tryptophan 2,3-dioxygenase(TDO2)
TDG	thymine DNA glycosylase(TDG)
TEAD1	TEA domain transcription factor 1(TEAD1)
GLYAT	glycine-N-acyltransferase(GLYAT)
GFER	growth factor, augmenter of liver regeneration(GFER)
TEAD4	TEA domain transcription factor 4(TEAD4)
TEAD3	TEA domain transcription factor 3(TEAD3)
GCG	glucagon(GCG)
GCH1	GTP cyclohydrolase 1(GCH1)
GCGR	glucagon receptor(GCGR)
GCK	glucokinase(GCK)
GCHFR	GTP cyclohydrolase I feedback regulator(GCHFR)
GCKR	glucokinase regulator(GCKR)
TF	transferrin(TF)
GCSH	glycine cleavage system protein H(GCSH)
GATM	glycine amidinotransferase(GATM)
GBA	glucosylceramidase beta(GBA)
SAP18	Sin3A associated protein 18(SAP18)
RGS19	regulator of G-protein signaling 19(RGS19)

GUSB	glucuronidase beta(GUSB)
ADI1	acireductone dioxygenase 1(ADI1)
GUCY1B3	guanylate cyclase 1 soluble subunit beta(GUCY1B3)
GUCY1A3	guanylate cyclase 1 soluble subunit alpha(GUCY1A3)
GUCY1A2	guanylate cyclase 1 soluble subunit alpha 2(GUCY1A2)
PIGS	phosphatidylinositol glycan anchor biosynthesis class S(PIGS)
GYG1	glycogenin 1(GYG1)
XCL2	X-C motif chemokine ligand 2(XCL2)
VAMP2	vesicle associated membrane protein 2(VAMP2)
GSTZ1	glutathione S-transferase zeta 1(GSTZ1)
GSTP1	glutathione S-transferase pi 1(GSTP1)
MED22	mediator complex subunit 22(MED22)
MBOAT1	membrane bound O-acyltransferase domain containing 1(MBOAT1)
SULT2A1	sulfotransferase family 2A member 1(SULT2A1)
SUOX	sulfite oxidase(SUOX)
SULT1A1	sulfotransferase family 1A member 1(SULT1A1)
HBG2	hemoglobin subunit gamma 2(HBG2)
SERPIND1	serpin family D member 1(SERPIND1)
RGS14	regulator of G-protein signaling 14(RGS14)
HCK	HCK proto-oncogene, Src family tyrosine kinase(HCK)
TACR2	tachykinin receptor 2(TACR2)
ADAL	adenosine deaminase like(ADAL)
TAC3	tachykinin 3(TAC3)
NADSYN1	NAD synthetase 1(NADSYN1)
TACR1	tachykinin receptor 1(TACR1)
TACR3	tachykinin receptor 3(TACR3)
SYT1	synaptotagmin 1(SYT1)
HDAC1	histone deacetylase 1(HDAC1)
SEC61A2	Sec61 translocon alpha 2 subunit(SEC61A2)
HDAC2	histone deacetylase 2(HDAC2)
TAC1	tachykinin precursor 1(TAC1)
HEBP1	heme binding protein 1(HEBP1)
HCRT	hypocretin neuropeptide precursor(HCRT)
HCRTR1	hypocretin receptor 1(HCRTR1)
HCRTR2	hypocretin receptor 2(HCRTR2)
TBL1X	transducin beta like 1X-linked(TBL1X)
TAS2R3	taste 2 receptor member 3(TAS2R3)
H3F3B	H3 histone family member 3B(H3F3B)
H3F3A	H3 histone family member 3A(H3F3A)
TMLHE	trimethyllysine hydroxylase, epsilon(TMLHE)
TAT	tyrosine aminotransferase(TAT)
CXCR6	C-X-C motif chemokine receptor 6(CXCR6)
TAZ	tafazzin(TAZ)

TAS2R14	taste 2 receptor member 14(TAS2R14)
HADHB	hydroxyacyl-CoA dehydrogenase/3-ketoacyl-CoA thiolase/enoyl-CoA hydratase (trifunctional protein), beta subunit(HADHB)
HADH	hydroxyacyl-CoA dehydrogenase(HADH)
TAS2R4	taste 2 receptor member 4(TAS2R4)
TAS2R16	taste 2 receptor member 16(TAS2R16)
AGRN	agrin(AGRN)
TAS2R1	taste 2 receptor member 1(TAS2R1)
TAS2R9	taste 2 receptor member 9(TAS2R9)
TAS2R8	taste 2 receptor member 8(TAS2R8)
HADHA	hydroxyacyl-CoA dehydrogenase/3-ketoacyl-CoA thiolase/enoyl-CoA hydratase (trifunctional protein), alpha subunit(HADHA)
TAS2R7	taste 2 receptor member 7(TAS2R7)
TAS2R13	taste 2 receptor member 13(TAS2R13)
TAS2R10	taste 2 receptor member 10(TAS2R10)
HAGH	hydroxyacylglutathione hydrolase(HAGH)
CXCL13	C-X-C motif chemokine ligand 13(CXCL13)
MLNR	motilin receptor(MLNR)
GRK5	G protein-coupled receptor kinase 5(GRK5)
HELZ2	helicase with zinc finger 2(HELZ2)
FFAR3	free fatty acid receptor 3(FFAR3)
FFAR1	free fatty acid receptor 1(FFAR1)
FFAR2	free fatty acid receptor 2(FFAR2)
EARS2	glutamyl-tRNA synthetase 2, mitochondrial(EARS2)
IL34	interleukin 34(IL34)
SLC6A15	solute carrier family 6 member 15(SLC6A15)
LPCAT4	lysophosphatidylcholine acyltransferase 4(LPCAT4)
SP1	Sp1 transcription factor(SP1)
GPT	glutamic--pyruvic transaminase(GPT)
DARS2	aspartyl-tRNA synthetase 2, mitochondrial(DARS2)
GPC1	glypican 1(GPC1)
PAICS	phosphoribosylaminoimidazole carboxylase; phosphoribosylaminoimidazolesuccinocarboxamide synthase(PAICS)
NPBWR1	neuropeptides B/W receptor 1(NPBWR1)
GPR4	G protein-coupled receptor 4(GPR4)
XCR1	X-C motif chemokine receptor 1(XCR1)
SRC	SRC proto-oncogene, non-receptor tyrosine kinase(SRC)
CCR10	C-C motif chemokine receptor 10(CCR10)
UTS2R	urotensin 2 receptor(UTS2R)
CXCR3	C-X-C motif chemokine receptor 3(CXCR3)
SLC5A9	solute carrier family 5 member 9(SLC5A9)

NPBWR2	neuropeptides B/W receptor 2(NPBWR2)
MCHR1	melanin concentrating hormone receptor 1(MCHR1)
LPAR4	lysophosphatidic acid receptor 4(LPAR4)
GPR18	G protein-coupled receptor 18(GPR18)
GPR17	G protein-coupled receptor 17(GPR17)
GRM2	glutamate metabotropic receptor 2(GRM2)
UNC13B	unc-13 homolog B(UNC13B)
GRM3	glutamate metabotropic receptor 3(GRM3)
CARM1	coactivator associated arginine methyltransferase 1(CARM1)
GRM4	glutamate metabotropic receptor 4(GRM4)
NCOA2	nuclear receptor coactivator 2(NCOA2)
GRM5	glutamate metabotropic receptor 5(GRM5)
GRM6	glutamate metabotropic receptor 6(GRM6)
GRM7	glutamate metabotropic receptor 7(GRM7)
GRM8	glutamate metabotropic receptor 8(GRM8)
CXCL1	C-X-C motif chemokine ligand 1(CXCL1)
CXCL2	C-X-C motif chemokine ligand 2(CXCL2)
CXCL3	C-X-C motif chemokine ligand 3(CXCL3)
GRP	gastrin releasing peptide(GRP)
SEMA4D	semaphorin 4D(SEMA4D)
PDIA3	protein disulfide isomerase family A member 3(PDIA3)
TTL	tubulin tyrosine ligase(TTL)
GRPR	gastrin releasing peptide receptor(GRPR)
SST	somatostatin(SST)
SSTR1	somatostatin receptor 1(SSTR1)
SREBF2	sterol regulatory element binding transcription factor 2(SREBF2)
SREBF1	sterol regulatory element binding transcription factor 1(SREBF1)
GSS	glutathione synthetase(GSS)
GSR	glutathione-disulfide reductase(GSR)
HYOU1	hypoxia up-regulated 1(HYOU1)
SLC38A4	solute carrier family 38 member 4(SLC38A4)
MED9	mediator complex subunit 9(MED9)
PIGU	phosphatidylinositol glycan anchor biosynthesis class U(PIGU)
GRIA1	glutamate ionotropic receptor AMPA type subunit 1(GRIA1)
GRIA2	glutamate ionotropic receptor AMPA type subunit 2(GRIA2)
ENOPH1	enolase-phosphatase 1(ENOPH1)
GRIA3	glutamate ionotropic receptor AMPA type subunit 3(GRIA3)
GRIA4	glutamate ionotropic receptor AMPA type subunit 4(GRIA4)
SSTR5	somatostatin receptor 5(SSTR5)
GRIK3	glutamate ionotropic receptor kainate type subunit 3(GRIK3)
SSTR4	somatostatin receptor 4(SSTR4)
GRIK2	glutamate ionotropic receptor kainate type subunit 2(GRIK2)
SSTR3	somatostatin receptor 3(SSTR3)
GRIK1	glutamate ionotropic receptor kainate type subunit 1(GRIK1)

SSTR2	somatostatin receptor 2(SSTR2)
GRIN2A	glutamate ionotropic receptor NMDA type subunit 2A(GRIN2A)
GRIN1	glutamate ionotropic receptor NMDA type subunit 1(GRIN1)
AGPAT2	1-acylglycerol-3-phosphate O-acyltransferase 2(AGPAT2)
GRIN2D	glutamate ionotropic receptor NMDA type subunit 2D(GRIN2D)
GRIN2C	glutamate ionotropic receptor NMDA type subunit 2C(GRIN2C)
GRIN2B	glutamate ionotropic receptor NMDA type subunit 2B(GRIN2B)
GRM1	glutamate metabotropic receptor 1(GRM1)
HSD17B1	hydroxysteroid 17-beta dehydrogenase 1(HSD17B1)
HRH1	histamine receptor H1(HRH1)
GNMT	glycine N-methyltransferase(GNMT)
HRAS	HRas proto-oncogene, GTPase(HRAS)
ACSS1	acyl-CoA synthetase short-chain family member 1(ACSS1)
COQ2	coenzyme Q2, polyprenyltransferase(COQ2)
MCHR2	melanin concentrating hormone receptor 2(MCHR2)
TNFRSF21	TNF receptor superfamily member 21(TNFRSF21)
HRH2	histamine receptor H2(HRH2)
HSPA8	heat shock protein family A (Hsp70) member 8(HSPA8)
HSP90AA1	heat shock protein 90 alpha family class A member 1(HSP90AA1)
HSPA2	heat shock protein family A (Hsp70) member 2(HSPA2)
TAS2R43	taste 2 receptor member 43(TAS2R43)
TAS2R31	taste 2 receptor member 31(TAS2R31)
TAS2R46	taste 2 receptor member 46(TAS2R46)
TAS2R30	taste 2 receptor member 30(TAS2R30)
TAS2R19	taste 2 receptor member 19(TAS2R19)
TAS2R20	taste 2 receptor member 20(TAS2R20)
TAS2R39	taste 2 receptor member 39(TAS2R39)
TAS2R40	taste 2 receptor member 40(TAS2R40)
OXGR1	oxoglutarate receptor 1(OXGR1)
TAS2R41	taste 2 receptor member 41(TAS2R41)
HCAR1	hydroxycarboxylic acid receptor 1(HCAR1)
HPRT1	hypoxanthine phosphoribosyltransferase 1(HPRT1)
GLS2	glutaminase 2(GLS2)
IL4I1	interleukin 4 induced 1(IL4I1)
HPD	4-hydroxyphenylpyruvate dioxygenase(HPD)
TAS2R50	taste 2 receptor member 50(TAS2R50)
NUP43	nucleoporin 43(NUP43)
DGAT2	diacylglycerol O-acyltransferase 2(DGAT2)
TGS1	trimethylguanosine synthase 1(TGS1)
HMOX1	heme oxygenase 1(HMOX1)
HMGCS1	3-hydroxy-3-methylglutaryl-CoA synthase 1(HMGCS1)
PTGR1	prostaglandin reductase 1(PTGR1)
HMGCR	3-hydroxy-3-methylglutaryl-CoA reductase(HMGCR)

HMGCS2	3-hydroxy-3-methylglutaryl-CoA synthase 2(HMGCS2)
PLA2G12B	phospholipase A2 group XIIB(PLA2G12B)
GLYR1	glyoxylate reductase 1 homolog(GLYR1)
NT5C1A	5'-nucleotidase, cytosolic IA(NT5C1A)
XDH	xanthine dehydrogenase(XDH)
KISS1R	KISS1 receptor(KISS1R)
CXCL16	C-X-C motif chemokine ligand 16(CXCL16)
ALKBH3	alkB homolog 3, alpha-ketoglutaratedependent dioxygenase(ALKBH3)
SLC29A2	solute carrier family 29 member 2(SLC29A2)
P2RY10	purinergic receptor P2Y10(P2RY10)
HK2	hexokinase 2(HK2)
SLC6A18	solute carrier family 6 member 18(SLC6A18)
HK1	hexokinase 1(HK1)
HK3	hexokinase 3(HK3)
ARHGEF25	Rho guanine nucleotide exchange factor 25(ARHGEF25)
GLYATL1	glycine-N-acyltransferase like 1(GLYATL1)
HIF1A	hypoxia inducible factor 1 alpha subunit(HIF1A)
GPT2	glutamic--pyruvic transaminase 2(GPT2)
CAPN13	calpain 13(CAPN13)
CNDP1	carnosine dipeptidase 1(CNDP1)
NUP54	nucleoporin 54(NUP54)
MOCS3	molybdenum cofactor synthesis 3(MOCS3)
HGD	homogentisate 1,2-dioxygenase(HGD)
CBX2	chromobox 2(CBX2)
HPGDS	hematopoietic prostaglandin D synthase(HPGDS)
WDTC1	WD and tetratricopeptide repeats 1(WDTC1)
VIPR2	vasoactive intestinal peptide receptor 2(VIPR2)
VIPR1	vasoactive intestinal peptide receptor 1(VIPR1)
VIP	vasoactive intestinal peptide(VIP)
HLA-G	major histocompatibility complex, class I, G(HLA-G)
NT5C2	5'-nucleotidase, cytosolic II(NT5C2)
KDM2B	lysine demethylase 2B(KDM2B)
VHL	von Hippel-Lindau tumor suppressor(VHL)
ACSM4	acyl-CoA synthetase medium-chain family member 4(ACSM4)
NUDT9	nudix hydrolase 9(NUDT9)
HLA-B	major histocompatibility complex, class I, B(HLA-B)
HLA-C	major histocompatibility complex, class I, C(HLA-C)
KDM2A	lysine demethylase 2A(KDM2A)
HLA-A	major histocompatibility complex, class I, A(HLA-A)
RIMS1	regulating synaptic membrane exocytosis 1(RIMS1)
GOT1L1	glutamic-oxaloacetic transaminase 1-like 1(GOT1L1)
VEGFA	vascular endothelial growth factor A(VEGFA)
LDHAL6B	lactate dehydrogenase A like 6B(LDHAL6B)

VARS	valyl-tRNA synthetase(VARS)
SLC2A10	solute carrier family 2 member 10(SLC2A10)
COLEC12	collectin subfamily member 12(COLEC12)
UROD	uroporphyrinogen decarboxylase(UROD)
SLC25A32	solute carrier family 25 member 32(SLC25A32)
UROS	uroporphyrinogen III synthase(UROS)
IL6ST	interleukin 6 signal transducer(IL6ST)
NPSR1	neuropeptide S receptor 1(NPSR1)
S1PR5	sphingosine-1-phosphate receptor 5(S1PR5)
IL6	interleukin 6(IL6)
UMPS	uridine monophosphate synthetase(UMPS)
PPARGC1B	PPARG coactivator 1 beta(PPARGC1B)
CXCR1	C-X-C motif chemokine receptor 1(CXCR1)
CXCR2	C-X-C motif chemokine receptor 2(CXCR2)
IFNB1	interferon beta 1(IFNB1)
MAT2B	methionine adenosyltransferase 2B(MAT2B)
UCP2	uncoupling protein 2(UCP2)
UCP1	uncoupling protein 1(UCP1)
UCP3	uncoupling protein 3(UCP3)
IGF1R	insulin like growth factor 1 receptor(IGF1R)
SUMO1	small ubiquitin-like modifier 1(SUMO1)
UBB	ubiquitin B(UBB)
UBC	ubiquitin C(UBC)
PLA2G4F	phospholipase A2 group IVF(PLA2G4F)
TXNRD1	thioredoxin reductase 1(TXNRD1)
TYR	tyrosinase(TYR)
TYRP1	tyrosinase related protein 1(TYRP1)
UBA52	ubiquitin A-52 residue ribosomal protein fusion product 1(UBA52)
ACOT4	acyl-CoA thioesterase 4(ACOT4)
TXN	thioredoxin(TXN)
TTF1	transcription termination factor 1(TTF1)
SLC7A3	solute carrier family 7 member 3(SLC7A3)
MTRNR2L2	MT-RNR2-like 2(MTRNR2L2)
TSHB	thyroid stimulating hormone beta(TSHB)
TSHR	thyroid stimulating hormone receptor(TSHR)
HSPG2	heparan sulfate proteoglycan 2(HSPG2)
HTR1F	5-hydroxytryptamine receptor 1F(HTR1F)
HTR1E	5-hydroxytryptamine receptor 1E(HTR1E)
HTR1D	5-hydroxytryptamine receptor 1D(HTR1D)
HTR3A	5-hydroxytryptamine receptor 3A(HTR3A)
HTR2C	5-hydroxytryptamine receptor 2C(HTR2C)
HTR2B	5-hydroxytryptamine receptor 2B(HTR2B)
HTR2A	5-hydroxytryptamine receptor 2A(HTR2A)

TRHR	thyrotropin releasing hormone receptor(TRHR)
TRH	thyrotropin releasing hormone(TRH)
HTR1B	5-hydroxytryptamine receptor 1B(HTR1B)
HTR1A	5-hydroxytryptamine receptor 1A(HTR1A)
TRIO	trio Rho guanine nucleotide exchange factor(TRIO)
IAPP	islet amyloid polypeptide(IAPP)
HTR4	5-hydroxytryptamine receptor 4(HTR4)
HTR5A	5-hydroxytryptamine receptor 5A(HTR5A)
HTR6	5-hydroxytryptamine receptor 6(HTR6)
HTR7	5-hydroxytryptamine receptor 7(HTR7)
IARS	isoleucyl-tRNA synthetase(IARS)
TPO	thyroid peroxidase(TPO)
G6PC3	glucose-6-phosphatase catalytic subunit 3(G6PC3)
TPMT	thiopurine S-methyltransferase(TPMT)
TPR	translocated promoter region, nuclear basket protein(TPR)
TPP2	tripeptidyl peptidase 2(TPP2)
KNG1	kininogen 1(KNG1)
ACSM2A	acyl-CoA synthetase medium-chain family member 2A(ACSM2A)
G6PC2	glucose-6-phosphatase catalytic subunit 2(G6PC2)
ACSL6	acyl-CoA synthetase long-chain family member 6(ACSL6)
SLC7A5	solute carrier family 7 member 5(SLC7A5)
KISS1	KiSS-1 metastasis-suppressor(KISS1)
KLK1	kallikrein 1(KLK1)
MAN2B2	mannosidase alpha class 2B member 2(MAN2B2)
SLC38A5	solute carrier family 38 member 5(SLC38A5)
KCNJ9	potassium voltage-gated channel subfamily J member 9(KCNJ9)
KCNJ5	potassium voltage-gated channel subfamily J member 5(KCNJ5)
KCNJ6	potassium voltage-gated channel subfamily J member 6(KCNJ6)
KCNJ3	potassium voltage-gated channel subfamily J member 3(KCNJ3)
AWAT2	acyl-CoA wax alcohol acyltransferase 2(AWAT2)
AWAT1	acyl-CoA wax alcohol acyltransferase 1(AWAT1)
PLB1	phospholipase B1(PLB1)
MED25	mediator complex subunit 25(MED25)
GBA3	glucosylceramidase beta 3 (gene/pseudogene)(GBA3)
AHCYL2	adenosylhomocysteinase like 2(AHCYL2)
AAAS	aladin WD repeat nucleoporin(AAAS)
MED13L	mediator complex subunit 13 like(MED13L)
KARS	lysyl-tRNA synthetase(KARS)
GPR68	G protein-coupled receptor 68(GPR68)
JAK2	Janus kinase 2(JAK2)
TRIB3	tribbles pseudokinase 3(TRIB3)
SIRT1	sirtuin 1(SIRT1)
JUN	Jun proto-oncogene, AP-1 transcription factor subunit(JUN)

SLC27A1	solute carrier family 27 member 1(SLC27A1)
QRFPR	pyroglutamylated RFamide peptide receptor(QRFPR)
ITPR1	inositol 1,4,5-trisphosphate receptor type 1(ITPR1)
GLRA3	glycine receptor alpha 3(GLRA3)
PLA2G4E	phospholipase A2 group IVE(PLA2G4E)
SLC7A8	solute carrier family 7 member 8(SLC7A8)
GPAM	glycerol-3-phosphate acyltransferase, mitochondrial(GPAM)
RDH14	retinol dehydrogenase 14 (all-trans/9-cis/11-cis)(RDH14)
SLC44A1	solute carrier family 44 member 1(SLC44A1)
ITGAM	integrin subunit alpha M(ITGAM)
NUP214	nucleoporin 214(NUP214)
GCAT	glycine C-acetyltransferase(GCAT)
CBX6	chromobox 6(CBX6)
PARK7	Parkinsonism associated deglycase(PARK7)
UGT3A1	UDP glycosyltransferase family 3 member A1(UGT3A1)
SEC61G	Sec61 translocon gamma subunit(SEC61G)
GBA2	glucosylceramidase beta 2(GBA2)
SEC11A	SEC11 homolog A, signal peptidase complex subunit(SEC11A)
HAAO	3-hydroxyanthranilate 3,4-dioxygenase(HAAO)
INSR	insulin receptor(INSR)
P2RY13	purinergic receptor P2Y13(P2RY13)
PLA2G7	phospholipase A2 group VII(PLA2G7)
MGLL	monoglyceride lipase(MGLL)
AIMP2	aminoacyl tRNA synthetase complex interacting multifunctional protein 2(AIMP2)
CXCL10	C-X-C motif chemokine ligand 10(CXCL10)
NUP188	nucleoporin 188(NUP188)
ACOT7	acyl-CoA thioesterase 7(ACOT7)
IDO1	indoleamine 2,3-dioxygenase 1(IDO1)
IMPA1	inositol monophosphatase 1(IMPA1)
NNT	nicotinamide nucleotide transhydrogenase(NNT)
IL12B	interleukin 12B(IL12B)
SLC16A8	solute carrier family 16 member 8(SLC16A8)
MED10	mediator complex subunit 10(MED10)
NT5C	5', 3'-nucleotidase, cytosolic(NT5C)
NMNAT2	nicotinamide nucleotide adenyltransferase 2(NMNAT2)
CD209	CD209 molecule(CD209)
SLC38A1	solute carrier family 38 member 1(SLC38A1)
LYZ	lysozyme(LYZ)
EGLN2	egl-9 family hypoxia inducible factor 2(EGLN2)
EGLN3	egl-9 family hypoxia inducible factor 3(EGLN3)
NT5C1B	5'-nucleotidase, cytosolic IB(NT5C1B)
NCOA6	nuclear receptor coactivator 6(NCOA6)
LRP1	LDL receptor related protein 1(LRP1)

TAS2R42	taste 2 receptor member 42(TAS2R42)
CARNS1	carnosine synthase 1(CARNS1)
LRP2	LDL receptor related protein 2(LRP2)
CDK19	cyclin dependent kinase 19(CDK19)
PLA2G2E	phospholipase A2 group IIE(PLA2G2E)
LSS	lanosterol synthase (2,3-oxidosqualene-lanosterol cyclase)(LSS)
PLA2G12A	phospholipase A2 group XIIA(PLA2G12A)
CYP4F3	cytochrome P450 family 4 subfamily F member 3(CYP4F3)
LTA4H	leukotriene A4 hydrolase(LTA4H)
ALDH5A1	aldehyde dehydrogenase 5 family member A1(ALDH5A1)
LTC4S	leukotriene C4 synthase(LTC4S)
LTF	lactotransferrin(LTF)
HAGHL	hydroxyacylglutathione hydrolase-like(HAGHL)
ALKBH7	alkB homolog 7(ALKBH7)
GPBAR1	G protein-coupled bile acid receptor 1(GPBAR1)
SLC2A7	solute carrier family 2 member 7(SLC2A7)
LNPEP	leucyl and cystinyl aminopeptidase(LNPEP)
KDM6B	lysine demethylase 6B(KDM6B)
RIMKLB	ribosomal modification protein rimK like family member B(RIMKLB)
ACSBG2	acyl-CoA synthetase bubblegum family member 2(ACSBG2)
LPL	lipoprotein lipase(LPL)
TREM1	triggering receptor expressed on myeloid cells 1(TREM1)
LHCGR	lutinizing hormone/choriagonadotropin receptor(LHCGR)
AARS2	alanyl-tRNA synthetase 2, mitochondrial(AARS2)
NUP205	nucleoporin 205(NUP205)
LIPC	lipase C, hepatic type(LIPC)
LIPE	lipase E, hormone sensitive type(LIPE)
LIPA	lipase A, lysosomal acid type(LIPA)
MARS2	methionyl-tRNA synthetase 2, mitochondrial(MARS2)
MOGS	mannosyl-oligosaccharide glucosidase(MOGS)
CXCR4	C-X-C motif chemokine receptor 4(CXCR4)
FADS1	fatty acid desaturase 1(FADS1)
GANAB	glucosidase II alpha subunit(GANAB)
LDHB	lactate dehydrogenase B(LDHB)
LDHC	lactate dehydrogenase C(LDHC)
LDLR	low density lipoprotein receptor(LDLR)
B3GAT1	beta-1,3-glucuronyltransferase 1(B3GAT1)
PSME4	proteasome activator subunit 4(PSME4)
P4HA3	prolyl 4-hydroxylase subunit alpha 3(P4HA3)
LCT	lactase(LCT)
LDHA	lactate dehydrogenase A(LDHA)
LGALS7	galectin 7(LGALS7)
RGL1	ral guanine nucleotide dissociation stimulator like 1(RGL1)

LGALS9	galectin 9(LGALS9)
LEP	leptin(LEP)
LGALS2	galectin 2(LGALS2)
LGALS1	galectin 1(LGALS1)
LGALS3	galectin 3(LGALS3)
NUP210	nucleoporin 210(NUP210)
LRP8	LDL receptor related protein 8(LRP8)
LALBA	lactalbumin alpha(LALBA)
UPP2	uridine phosphorylase 2(UPP2)
JMJD6	arginine demethylase and lysine hydroxylase(JMJD6)
LCAT	lecithin-cholesterol acyltransferase(LCAT)
LBR	lamin B receptor(LBR)
ACSBG1	acyl-CoA synthetase bubblegum family member 1(ACSBG1)
PGLYRP3	peptidoglycan recognition protein 3(PGLYRP3)
PROK1	prokineticin 1(PROK1)
PLCB1	phospholipase C beta 1(PLCB1)
GNRHR2	gonadotropin releasing hormone receptor 2 (pseudogene)(GNRHR2)
KRAS	KRAS proto-oncogene, GTPase(KRAS)
NUP160	nucleoporin 160(NUP160)
ABHD6	abhydrolase domain containing 6(ABHD6)
ANKRD1	ankyrin repeat domain 1(ANKRD1)
MT-CYB	mitochondrially encoded cytochrome b (MT-CYB)
NT5C3L	5'-nucleotidase, cytosolic IIIB (NT5C3L)
KLRP	glucosylceramidase beta 3 (gene/pseudogene) (KLRP)
GLT25D2	collagen beta(1-O)galactosyltransferase 2 (GLT25D2)
GLT25D1	collagen beta(1-O)galactosyltransferase (GLT25D1)
C10orf129	acyl-CoA synthetase medium chain family member 6 (C10orf129)
O3FAR1	free fatty acid receptor 4 (O3FAR1)
IL8	interleukin 8 (IL8)
CCBL1	cysteine conjugate-beta lyase, cytoplasmic (CCBL1)
HRSP12	heat-responsive protein 12 (HRSP12)
CCBL2	kynurenine aminotransferase 3 (CCBL2)
HDHD1	D-2-hydroxyacid dehydrogenase (HDHD1)
ADC	acetoacetate decarboxylase (ADC)
LPHN3	latrophilin 3 (LPHN3)
LPHN1	adhesion G protein-coupled receptor L1 (LPHN1)
LPHN2	latrophilin 2 (LPHN2)
GPER	G protein-coupled estrogen receptor 1 (GPER)
PPYR1	Protein phosphatase Y regulator 1 (PPYR1)
CXCR7	chemokine (C-X-C motif) receptor 7b (CXCR7)
AGPAT6	1-acylglycerol-3-phosphate O-acyltransferase 6 (AGPAT6)
TENC1	tensin 2 (TENC1)

AGPAT9	1-acylglycerol-3-phosphate O-acyltransferase 9 (AGPAT9)
ADRBK1	adrenergic, beta, receptor kinase 1 (ADRBK1)
LEPREL1	prolyl 3-hydroxylase 2 (LEPREL1)
LEPREL2	prolyl 3-hydroxylase 3 (LEPREL2)
UTS2D	urotensin 2 domain containing (UTS2D)
SETD8	lysine methyltransferase 5A (SETD8)
LEPRE1	leucine proline-enriched proteoglycan (leprecan) 1 (LEPRE1)
NT5C3	5'-nucleotidase, cytosolic III (NT5C3)
PPAPDC1A	phosphatidic acid phosphatase type 2 domain containing 1A (PPAPDC1A)