

<b>Strain</b>	<b>zygosity</b>	<b>Gene Name</b>
Ahr	-/-	Aryl-hydrocarbon receptor
ApoE	-/-	Apolipoprotein E
Atrap		Protocadherin cluster
C3	-/-	Complete component 3
Casp1	-/-	Caspase 1
Ccl2	-/-	Chemokine (C-C motif) ligand 2
Ccr2	-/-	Chemokine (C-C motif) receptor 2
Cd8a	-/-	CD8 antigen, alpha chain
Cd14	-/-	CD14 antigen
Ciita	-/-	Class II transactivator
DMPK	-/-	Dystrophia myotonica-protein kinase
DNMT1	+/-	DNA methyl transferase 1
H2	-/-	Histocompatibility-2, MHC
IfngR1	-/-	Interferon gamma receptor 1
Il12rg	-/-	Interleukin 2 receptor, gamma chain
Il18	-/-	Interleukin 18
Il18R1	-/-	Interleukin 18 receptor 1
Kv1.5	+/-	Voltage-gated potassium channel subunit Kv1.5
Mbln1	-/-	Muscleblind-like 1
Mfrp	-/-	Membrane-type frizzled-related protein
Nf1	+/-	Neurofibromin 1
Nos3	-/-	Nitric oxide synthase 3, endothelial cell
Prkdc	-/-	Protein kinase, DNA activated, catalytic polypeptide
Rag1	-/-	Recombination activating gene 1 targeted
Six5	-/-	Six homeobox 5
Thy1	-/-	Thymus cell antigen 1, theta

	TrpV1	-/-	Transient receptor potential cation channel, subfamily V, member 1
	Abcc1a	-/-	Multi-drug resistance-associated protein (MRP1)
	Abcc2	-/-	Multi-drug resistance protein 2 (MRP2)
	Abcg2	-/-	ATP-binding cassette, sub-family G, member 2
	Agtpbp1	-/-	Zinc carboxypeptidase that contains nuclear localization signals and an ATP/GTP-binding site
	Akt1	+/-	Thymoma viral proto-oncogene 1
	Aldh5a1	+/-	Aldhehyde dehydrogenase family 5, subfamily A1
	Alox15	-/-	Arachidonate 15-lipoxygenase
	App	-/-	Amyloid beta (A4) precursor protein
	Tg(APP <sup>Sw</sup> ) 40B <sup>tla</sup>	-/-	Transgene insertion 40, Bruce Lamb
	ATF3-Line 61	Transg	Activating transcription factor 3
	ATF3-Line 677	Transg	Activating transcription factor 3
	B2m	-/-	Beta-2 microglobulin
	BCI2L11	-/-	BCL2-like 11 (apoptosis facilitator)
	Btla	-/-	B and T lymphocyte associated
	C3ar1	-/-	Complement component 3a receptor 1
	Camk2aCREB	M Hez	Calcium/calmodulin-dependent protein kinase II alpha dependent CREB expression
	Casp6	-/-	Caspase 6
	Casp7	-/-	Caspase 7
	Ccl5	-/-	Chemokine (C-C motif) ligand 5
	Ccr3	+/-	Chemokine (C-C motif) receptor 3
	Ccr5 .	-/-	Chemokine (C-C motif) receptor 5
	Ccr5	-/-	Chemokine (C-C motif) receptor 5
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	Ccr7	-/-	Chemokine (C-C motif) receptor 7
	Cd1	-/-	CD1 antigen complex
	Cd4	-/-	CD4 antigen

	Cd44	-/-	CD44 antigen
	Cdkn1b	-/-	Cyclin-dependent kinase inhibitor 1B
	Cebpa	-/-	CCAAT/enhancer binding protein (C/EBP), alpha
	Chrna7	-/-	Cholinergic receptor, nicotinic, alpha polypeptide 7
	Csf2rb	-/-	Colony stimulating factor 2 receptor, beta, low-affinity (granulocyte-macrophage)
	Cxcl10	-/-	Chemokine (C-X-C motif) ligand 10
	Cxcr3	M Hez	Chemokine (C-X-C motif) receptor 3
	Cxcr5	-/-	Chemokine (C-X-C motif) receptor 5
	Cxcr6	-/-	Chemokine (C-X-C motif) receptor 6
	Cybb		Cytochrome b beta
	Cybb	M Hez F -/-	Cytochrome b-245, beta polypeptide
	Dag1	+/-	Dystroglycan 1
	Ddit3	-/-	DNA-damage inducible transcript 3
	Disc1-cc	Transg +/-	Disrupted in schizophrenia 1 gene
	Dnmt1 (GFAP)	CKO	DNA methyltransferase (cytosine-5) 1
	Ela2	-/-	Elastase 2, neutrophil
	Erko-	-/-	Estrogen receptor 1 (alpha)
	Erko-	-/-	Estrogen receptor 2 (beta)
	Fas	-/-	Fas (TNF receptor superfamily member 6)
	Fasl	-/-	Fas ligand (TNF superfamily, member 6)
	C-fos GFP	+/-	C-fos GFP
	Fcer1g	-/-	Fc receptor, IgE, high affinity I, gamma polypeptide
	Fcgr2b	-/-	Fc receptor, IgG, low affinity IIb
	Foxn1	+/-	Forkhead box N1
	Fut2	-/-	Fucosyltransferase 2
	Hif1a	-/-	Hypoxia inducible factor 1, alpha subunit
	v-Ha-ras	Hez	V-Ha-ras oncogene
	H-rasV12	transg	Hras
	Hsp27-Line 20		Heat Shock Protein 27

	Hsp27-Line 9		Heat Shock Protein 27
	Icam1	-/-	Intercellular adhesion molecule 1
	Icos	-/-	Inducible T-cell co-stimulator
	Id3	-/-	Inhibitor of DNA binding 3
	<i>Igh-Jtm1Dhu</i>	-/-	JH gene segments
	Il7r	-/-	Interleukin 7 receptor
	Il1rn	-/-	Interleukin 1 receptor antagonist
	Il2	+/-	Interleukin 2
	Il6	-/-	Interleukin 6
	Il10	-/-	Interleukin 10
	Il8rb	-/-	Interleukin 8 receptor, beta
	Indo	-/-	Indoleamine 2,3-dioxygenase 1
	Itgae	-/-	Integrin alpha E, epithelial-associated
	Itgam	-/-	Integrin alpha M
	Kitl	+/-	Kit ligand
	Kit	-/-	Kit oncogene
	Klra8	-/-	Killer cell lectin-like receptor, subfamily A, member 8
	Lgals1	-/-	Lectin, galactose binding, soluble 1
	Lyve1	-/-	Lymphatic vessel endothelial hyaluronan receptor 1
	Lpl	-/-	Lipoprotein lipase
	Map2k3	-/-	Mitogen-activated protein kinase kinase 3
	Mapk8	-/-	Mitogen-activated protein kinase 8
	Mapk9	-/-	Mitogen-activated protein kinase 9
	Mapk9 .	-/-	Mitogen-activated protein kinase 9
	Matk	-/-	Megakaryocyte-associated tyrosine kinase
	Mapt	+/-	Microtubule-associated protein tau
	Mc3r	-/-	Melanocortin 3 receptor
	Mmp12	-/-	Matrix metalloproteinase 12
	Mmp7	-/-	Matrix metalloproteinase 7

	Msr1	-/-	Macrophage scavenger receptor 1
	Nox3	-/-	NADPH oxidase 3
	Nox3	+/-	NADPH oxidase 3
	Ngfr	+/-	Nerve growth factor receptor (TNFR member 16)
	Nr2e3 <sup>rd7</sup>	-/-	Retinal degeneration 7
	Nr1i2	-/-	Nuclear receptor subfamily 1, group I, member 2
	Otop1	-/-	Otopetrin 1
	Oprk1	+/-	Opioid receptor, kappa 1
	P2rx7	-/-	Purinergic receptor P2X, ligand-gated ion channel, 7
	Park2	-/-	Parkinson disease (autosomal recessive, juvenile) 2, parkin
	Park7	-/-	Parkinson disease (autosomal recessive, early onset) 7
	Pctp	-/-	Phosphatidylcholine transfer protein
	Pdgfra	+/-	Platelet derived growth factor receptor, alpha polypeptide
	Per2	-/-	Period homolog 2 (Drosophila)
	Plat	-/-	Plasminogen activator, tissue
	Ppara	-/-	Peroxisome proliferator activated receptor alpha
	Rag2	-/-	Recombination activating gene 2
	Riam	-/-	Rap1-GTP-interacting adapter molecule
	Riam	+/-	Rap1-GTP-interacting adapter molecule
	Rorc	+/-	RAR-related orphan receptor gamma
	Scp2	-/-	Sterol carrier protein 2, liver
	Scp2	-/-	Sterol carrier protein 2, liver
	Selplg	-/-	Selectin, platelet (p-selectin) ligand
	Selplg	-/-	Selectin, platelet (p-selectin) ligand
	Serpine1	-/-	Serine (or cysteine) peptidase inhibitor, clade E, member 1
	Skil	-/-	SKI-like
	Smn1	+/-	Survival motor neuron 1
	Soat1	-/-	Sterol O-acyltransferase 1 ( <b>out of Cryo</b> )
	Sor11	-/-	Sortilin-related receptor, LDLR class A repeats-containing

	Spp1	-/-	Secreted phosphoprotein 1
	Stat1	-/-	Signal transducer and activator of transcription 1
	Stat4	-/-	Signal transducer and activator of transcription 4
	Stat3 (GFAP)	CKO	Signal transducer and activator of transcription 3
	Stat6	-/-	Signal transducer and activator of transcription 6
	St3gal4	+/-	ST3 beta-galactoside alpha-2,3-sialyltransferase 4
	Syt7	+/-	Synaptotagmin VII
	Tap1	-/-	Transporter 1, ATP-binding cassette, sub-family B (MDR/TAP)
	T-Bet	-/-	Deletion of Tbx21 gene
	Tep1 KO	-/-	telomerase-associated component
	Terc	-/-	Telomerase RNA component
	Hy	-/-	TCR H-Y transgene
	Timp1	M Hez F -/-	Inhibitor of metalloproteinase 1
	Tlr2	-/-	Toll-like receptor 2
	Tlr4	-/-	Toll-like receptor 4
	Tnks2	-/-	Tankyrase, TRF1-interacting ankyrin-related ADP-ribose polymerase 2
	Tnks2	+/-	Tankyrase, TRF1-interacting ankyrin-related ADP-ribose polymerase 2
	Tnfrsf1a	-/-	Tumor necrosis factor receptor superfamily, member 1a
	Tnfrsf1b	-/-	Tumor necrosis factor receptor superfamily, member 1b
	Traf1	-/-	Tnf receptor-associated factor 1
	Trp53	+/-	Transformation related protein 53
	Vdr	-/-	Vitamin D receptor
	Vparp	-/-	vault poly(ADP-ribose) polymerase
	BALB/cJ	+/+	Protocol evaluation strain
	FVB/NJ	+/+	Protocol evaluation strain
	A/J	+/+	Protocol evaluation strain
	C57BL/6JEiJ	+/+	Protocol evaluation strain

	Tyr	+/+	Protocol evaluation strain
	FVB	+/+	Protocol evaluation strain
	129S6	+/+	Protocol evaluation strain
	Black 10	+/+	Protocol evaluation strain
	BALB/c	+/+	Protocol evaluation strain
	Black 6 Bom	+/+	Protocol evaluation strain
	Cd40lg	M Hez F -/-	CD40 ligand
	Itgb7	-/-	Integrin beta 7
	Serpib9	-/-	Serine (or cysteine) peptidase inhibitor, clade B, member 9
	Gata1	M Hez F -/-	GATA binding protein 1
	Il4	-/-	Interleukin 4
	Ing1	-/-	Inhibitor of growth family, member 1
	Ghrhr	-/-	Growth hormone releasing hormone receptor
	Ghrhr	+/-	Growth hormone releasing hormone receptor
	Pcsk1	-/-	Proprotein convertase subtilisin/kexin type 1
	Erap1	-/-	Endoplasmic reticulum aminopeptidase 1
	Adipor2	+/-	Adiponectin receptor 2
	Selp	-/-	Selectin, platelet
	C5ar1	-/-	Complement component 5a receptor 1
	Il4ra	-/-	interleukin 4 receptor, alpha
	Mgl1	-/-	Macrophage galactose N-acetyl-galactosamine specific lectin 1
	Cd80	-/-	CD80 antigen
	Cd86	-/-	Cd86 antigen
	Bche	-/-	Butyrylcholinesterase
	Nod2	-/-	Nucleotide-binding oligomerization domain containing 2
	Oprm1	+/-	Opioid receptor, mu 1
	Irf1	-/-	Interferon regulatory factor 1

	F2r1	-/-	Coagulation factor II (thrombin) receptor-like 1
	Atp7a	F +/-	ATPase, Cu <sup>++</sup> transporting, alpha polypeptide
	Dvl1	-/-	Dishevelled, dsh homolog 1 (Drosophila)
	Gusb	+/-	Glucuronidase, beta
	Eraf	-/-	Erythroid associated factor
	Il12a	-/-	Interleukin 12a
	Lta	-/-	Lymphotoxin A
	Il12rb2	-/-	Interleukin 12 receptor, beta 2
	Ccl3	-/-	Chemokine (C-C motif) ligand 3
	Agtr1a	-/-	Angiotensin II receptor, type 1a
	Sele	-/-	Selectin, endothelial cell
	Car14	-/-	Carbonic anhydrase 14
	Scd1	-/-	Stearoyl-Coenzyme A desaturase 1
	Scd1	+/-	Stearoyl-Coenzyme A desaturase 1
	Crkl	+/-	V-crk sarcoma virus CT10 oncogene homolog (avian)-like
	Scd2	+/-	Stearoyl-Coenzyme A desaturase 2
	Ptgs2	-/-	Prostaglandin-endoperoxide synthase 2
	Pomc	+/-	Pro-opiomelanocortin-alpha
	Hr	+/-	Hairless
	Otx1	-/-	Orthodenticle homolog 1 (Drosophila)
	Sls	+/-	Semidominant lethal spotting
	Cd22	-/-	CD22 antigen
	Cd33	-/-	CD33 antigen
	Ins2	+/-	Insulin II
	Cd28	-/-	CD28 antigen
	Oprd1	-/-	Opioid receptor, delta 1
	Ins2	+/-	Insulin II
	Cd19	-/-	CD19 antigen
	Tg(HDexon1)61Gpb	M Hez F Hez	Transgene insertion 61, Gillian Bates

	Tg(PSEN1H163R) G9Btla	M Hez F Hez	Transgene insertion G9, Bruce Lamb
	Mecp2	F +/-	Methyl CpG binding protein 2
	Tcra	-/-	T-cell receptor alpha chain
	Cav1	-/-	Caveolin 1, caveolae protein
	Car4	+/-	carbonic anhydrase 4
	Adipoq	-/-	Adiponectin, C1Q and collagen domain containing
	Apob	+/-	Apolipoprotein B
	Apob .	+/-	Apolipoprotein B
	ATF-line 677 .	Transg +/-	Activating transcription factor 3
	ATF-line 61 .	Transge n+/-	Activating transcription factor 3
	Bace1	-/-	Beta-site APP cleaving enzyme 1
	BDNF	+/-	Brain derived neurotrophic factor
	BCI2I11 .	-/-	BCL2-like 11 (apoptosis facilitator)
	BCI2I11 .	-/-	BCL2-like 11 (apoptosis facilitator)
	Bax	-/-	BCL2-associated X protein
	Car14 .	-/-	Carbonic anhydrase 14
	Casp2	+/-	Caspase 2
	Casp3	+/-	Caspase 3
	Casp6	-/-	Caspase 6
	Ccr5 .	-/-	Chemokine (C-C motif) receptor 5
	Ccr5 Het <b>F1</b>	+/-	Chemokine (C-C motif) receptor 5
	Ccr5 Het <b>F2</b>	+/-	Chemokine (C-C motif) receptor 5
	Ccr5	-/-	Chemokine (C-C motif) receptor 5
	Ccrn4l	-/-	CCR4 carbon catabolite repression 4-like (S. cerevisiae)

	Col4a5	Hez	Collagen, type IV, alpha 5
	Ctsb	+/-	Cathepsin B
	Ctsl	-/-	Cathepsin L
	Cx3cr1	-/-	Chemokine (C-X3-C) receptor 1
	Cxcl10		Chemokine (C-X-C motif) ligand 10
	.	-/-	
	Cxcr6	-/-	Chemokine (C-X-C motif) receptor 6
	CW2 M2 KO	+/-	
	Drd4	-/-	Dopamine receptor 4
	Disc1cc	Transg +/-	Disrupted in schizophrenia 1 gene
	.		
	Disc1N	Transg +/-	Disrupted in schizophrenia 1 gene
	<b>Evi/Vasp</b>	-/-	Ena-vasodilator stimulated phosphoprotein
	Double KO	+/-	Vasodilator-stimulated phosphoprotein
	EIF2alpha	+/-	Eukaryotic initiation factor 2 alpha
	Fcgr3	-/-	Fc receptor, IgG, low affinity III
	Fcgrt	-/-	Fc receptor, IgG, alpha chain transporter
	Fcgrt	-/-	Fc receptor, IgG, alpha chain transporter
	.		
	Fut2		Fucosyltransferase 2
	.	-/-	
	Grin3b	-/-	Glutamate receptor, ionotropic, NMDA3B
	Hcn4	+/-	Hyperpolarization-activated, cyclic nucleotide-gated K+ 4
	hGFAP.tTAXVIP P	Transg +/-	Vesicle-inducing protein in plastids
	hGFAP.tTAX tetO.SNARE	Transg +/-	Soluble <i>N</i> -ethylmaleimide-sensitive factor attachment protein receptor
	Htt	+/-	Huntingtin
	Itgal	-/-	Integrin alpha L

	Il1r1	-/-	Interleukin 1 receptor, type I
	Ltb4r1	-/-	Leukotriene B4 receptor 1
	Mgat5	-/-	Mannoside acetylglucosaminyltransferase 5
	Mmp12	-/-	Matrix metalloproteinase 12
	.		
	MPO	-/-	Myeloperoxidase
	P2rx7	-/-	Purinergic receptor P2X, ligand-gated ion channel, 7
	.		
	P2rx7	-/-	Purinergic receptor P2X, ligand-gated ion channel, 7
	.		
	Pde10a	+/-	Phosphodiesterase 10A
	Pparg	+/-	Peroxisome proliferator activated receptor gamma
	Prf1	-/-	Perforin 1 (pore forming protein)
	Pvr1	+/-	Poliovirus receptor-related 1
	Rpsa	+/-	Ribosomal protein SA
	S100b KO	+/-	S100 protein, beta polypeptide, neural
	Serpinb9	-/-	Serine (or cysteine) peptidase inhibitor, clade B, member 9
	.		
	Serpinb9	-/-	Serine (or cysteine) peptidase inhibitor, clade B, member 9
	.		
	St3gal4	+/-	ST3 beta-galactoside alpha-2,3-sialyltransferase 4
	.		
	Syt7	+/-	Synaptotagmin VII
	.		
	Tep1 KO	-/-	telomerase-associated component
	.		
	Tep1 KO	-/-	Telomerase-associated component
	.		
	Tep1/Vparp Double KO	-/-	Telomerase associated protein 1
		-/-	Vault poly(ADP-ribose) polymerase

