

Table 3. Description and number of unique clones belonging to the same Unigene cluster

Gene symbol	Gene description	Unigene ID	Number of unique clones ¹
1300018P11Rik	RIKEN cDNA 1300018P11 gene	Mm.32889	2
1810011E08Rik	RIKEN cDNA 1810011E08 gene	Mm.86437	4
2310012M18Rik	RIKEN cDNA 2310012M18 gene	Mm.41438	2
3930401E15Rik	RIKEN cDNA 3930401E15 gene	Mm.296043	2
4732418C07Rik	RIKEN cDNA 4732418C07 gene	Mm.283565	3
Acbd5	Acyl-coenzyme-A-binding-domain-containing 5	Mm.181973	2
Acp1	Acid phosphatase 1, soluble	Rn.4226	2
Actb	Actin, β	Rn.94978	2
Actr2	Actr2: ARP2 actin-related protein 2 homolog (yeast)	Mm.259045	3
Add3	Adducin 3 (γ)	Mm.44106	3
AFURS1	ATPase family homolog upregulated in senescence cells	Hs.371148	2
Ak3l	Adenylate-kinase-3 α -like	Mm.196067	2
Aldoa	Aldolase A	Rn.1774	2
Alg2	Asparagine-linked glycosylation 2 homolog (yeast, α -1,3-mannosyltransferase)	Mm.22218	2
Ank2	Ankyrin 2, brain, implicated in development of long QT syndrome (Jervell and Lange-Nielsen syndrome)	Mm.220242	3
Anxa7	Annexin A7, Ca ²⁺ -binding protein, Ca ²⁺ -signaling process	Rn.106184	2
Araf1	v- <i>raf</i> murine sarcoma 3611 viral oncogene homolog 1	Rn.1714	2
Arhgap5	ρ -GTPase-activating protein 5	Mm.35059	2
Arhgef12	ρ -Guanine nucleotide exchange factor (GEF) 12	Mm.275266, (Hs.24598)	2
Arl10c	Arl10c: ADP-ribosylation-factor-like 10C	Mm.271178	2
Asah2	N-acylsphingosine amidohydrolase 2	Mm.104900	2
Asf1a	ASF1 antisilencing function 1 homolog A (<i>Saccharomyces cerevisiae</i>)	Mm.272989	3
Asph	Aspartate- β -hydroxylase	Mm.239247	2
Atp2a2	ATPase, Ca ²⁺ -transporting, cardiac muscle, slow twitch 2	Rn.2305	2
BC002236	cDNA sequence BC002236	Mm.281245	2
Bet1	Blocked early in transport 1 homolog (<i>Saccharomyces cerevisiae</i>)	Rn.3953	2
Bmi1	B lymphoma Mo-MLV insertion region 1	Mm.289584	2
Bpnt1	3(2),5-bisphosphate nucleotidase	Rn.8453	2
Bteb1	Basic transcription-element-binding protein 1	Mm.291595	2
C80913	C80913: expressed sequence C80913; human homolog PREFOLDIN	Mm.23997	2
Cab39	Calcium-binding protein 39	Mm.26135	3
Cbx3	Chromobox homolog 3 (<i>Drosophila</i> HP1 γ)	Mm.344182	2
Ccni	Cyclin I	Mm.250419	2
Cd24	CD24 antigen	Rn.6007	2
Cd81	CD81 antigen	Rn.1975	2
Cfh	Complement component factor h	Rn.101777	2
Cfl2	Cofilin 2, muscle	Mm.276826	2
CHN1	chimerin (chimaerin) 1	Rn.11166	3
Chpt1	Choline phosphotransferase 1	Mm.288897	2
Clcn2	Chloride channel 2	Rn.11073	3
Cltb	Clathrin, light polypeptide (Lcb)	Rn.3440	2
Cox7a2	Cytochrome c oxidase, subunit VIIa 2	Mm.3819	5
Cpsf6	Cleavage and polyadenylation-specific factor 6	Mm.288682	2
Crhr1	Corticotropin-releasing hormone receptor 1	Rn.10499	2
Cript	Postsynaptic protein Cript	Rn.30508	2
Cugbp2	CUG triplet repeat, RNA-binding protein 2	Mm.147091	2
Ddx3x	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 3, X-linked	Mm.289662	2
Dlat	Dihydrolipoamide acetyltransferase	Rn.15413	3
DUSP21	Dual specificity phosphatase 21	Hs.201790	2
Ecac1	Epithelial calcium channel 1	Rn.12948	2
Edg1	Endothelial differentiation sphingolipid G-protein-coupled receptor 1	Mm.982	2
Eea1	Early endosome antigen	Mm.210035	2
Eif5a2	Eukaryotic translation initiation factor 5A2	Mm.193670	2
Elavl1	ELAV (embryonic lethal, abnormal vision, <i>Drosophila</i>)-like 1 (human antigen R)	Mm.119162	2
Esp	Osteotesticular phosphatase – ESP	Rn.10048	2
Fac16	Fatty acid coenzyme A ligase, long chain 6	Rn.33697	2
Fgf12	Fibroblast growth factor 12	Mm.7996	5
G6pdx	Glucose-6-phosphate dehydrogenase	Rn.11040	2
Gab1	Growth-factor-receptor-bound-protein-2-associated protein 1	Mm.277409	2
Galnt1	UDP-N-acetyl- α -D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 1	Mm.30249	2
Gbe1	Glucan (1,4- α -), branching enzyme 1	Mm.29201	2

Table 3 (continued)

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Gls	Glutaminase	Rn.5762	3
Got1	Glutamate oxaloacetate transaminase 1	Rn.5819	2
Gpi	Glucose phosphate isomerase	Rn.84435	2
Heph	Hephaestin	Rn.43849	2
Hfe	Hemochromatosis	Rn.42931	2
Igsf4a	Immunoglobulin superfamily, member 4A	Mm.307293	2
Kidins220	Kinase-D-interacting substance of 220 kDa	Rn.16792	2
KLHL7	Kelch-like 7	Mm.273768	2
Lamc1	Laminin, γ 1	Mm.1249	2
Lamp2	Lysosomal membrane glycoprotein 2	Rn.1722	2
Lap1c	Plasia <i>ras</i> -related homolog A2	Rn.107401	2
Lats2	Large tumor suppressor 2	Mm.347899	2
Lpin1	Lipin 1	Mm.153625	2
MAF2	A230103N10Rik RIKEN cDNA; human homolog - MAF2	Mm.247113	3
Mina	Myc-induced nuclear antigen	Mm.7760	2
Mtap4	Microtubule-associated protein 4	Mm.217318	2
Myliip	Myosin-regulatory light-chain-interacting protein	Mm.212855	2
Mynn	Myoneurin	Mm.200378	2
Nap112	Nucleosome assembly protein-1-like 2	Mm.347470	2
Nedd4a	Neural-precursor-cell-expressed, developmentally downregulated gene 4A	Rn.99540	2
Npr3	Natriuretic peptide receptor 3	Mm.57219	2
NUCKS	8430423A01Rik: RIKEN cDNA 8430423A01 gene	Mm.246869	2
Orp150	Oxygen-regulated protein (150 kDa)	Rn.10542	3
Paip2	Polyadenylate-binding-protein-interacting protein 2	Mm.126534	2
Pdk4	Pyruvate dehydrogenase kinase, isoenzyme 4	Mm.235547	2
Pecr	Peroxisomal 2-enoyl-CoA reductase	Rn.19267	2
Peli2	Pellino 2	Mm.296457	2
Plp	Proteolipid protein, modulates viability and phenotype of neurons	Rn.4550	8
Pold3	Polymerase (DNA-directed), δ 3, accessory subunit	Mm.37562	2
Ppp2ca	Ppp2ca, protein phosphatase 2a, catalytic subunit, α -isoforms	Rn.1271	3
Ppp2r5c	Protein phosphatase 2, regulatory subunit B (B56), γ -isoforms	Mm.240396	2
PREI3	RGD:620183, preimplantation protein 3	Rn.12262	2
Ptb	Polypyrimidine-tract-binding protein	Rn.64440	2
Ptprc	Protein tyrosine phosphatase, receptor type, C	Mm.143846	2
Ptpcd	Protein tyrosine phosphatase, receptor type, D	Mm.184021	2
RAP-1A	Ras-related protein RAP-1A	Rn.106321	2
Rnase4	Ribonuclease, RNase A family 4	Rn.1742	2
Rnfl3	Ring finger protein 13	Mm.274360	2
Rnf4	Ring finger protein 4	Mm.21281	2
Rngtt	RNA guanylyltransferase and 5'-phosphatase	Mm.26153	2
Rnp24	Coated vesicle membrane protein	Rn.1022	2
Sdcbp	Syntenin, anchors AMPA receptor to cell membrane	Rn.4309	2
Sept2	Septin 2	Mm.242324	2
Sfrs10	Splicing factor, arginine/serine-rich (transformer 2 <i>Drosophila</i> homolog) 10	Rn.8538	2
Sfrs5	Splicing factor, arginine/serine-rich 5	Rn.54448	2
Sgpp1	Sphingosine-1-phosphate phosphatase 1	Mm.280199	2
Sirt1	Sirtuin 1 (silent mating type information regulation 2, homolog) 1 (<i>Saccharomyces cerevisiae</i>)	Rn.42098	2
Six1	Sine-oculis-related homeobox 1 homolog	Mm.4645	2
Skil	SKI-like, ski is a unique proto-oncoprotein	Mm.15406	2
Slc22a6	Solute carrier family 22, member 6	Rn.87849	2
SLCO3A1	Solute carrier organic anion transporter family, member 3A1	Hs.113657	2
SNN	Stannin	Rn.6147	2
Snx9	Sorting nexin 9	Mm.89515	2
Spin	Spindlin	Mm.188432	2
Ssr3	Ssr3: TRAP-complex γ -subunit	Rn.3264	5
STRAP	Similar to UNR-interacting protein [serine-threonine-kinase-receptor-associated protein (STRAP)] (LOC297699), mRNA	Hs.504895	2

Table 3 (continued)

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Tnfrsf11b	Tumor necrosis factor receptor superfamily, member 11b (osteoprotegerin)	Mm.15383	2
Trappc2	Trafficking protein particle complex 2	Mm.279752	2
Trpc3	Transient receptor protein 3	Rn.45385	2
Txndc1	Thioredoxin-domain-containing 1	Mm.204670	2
Usp32	Ubiquitin-specific protease 32	Mm.178524	4
Vapa	Lamina-associated polypeptide 1C	Rn.11373	2
Vcl	Vinculin	Mm.279361	2
Vps35	Vacuolar protein sorting 35	Rn.8419	3
Xpr1	Xenotropic and polytropic retrovirus receptor 1	Mm.266215	2
Ywhae	Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, ϵ -polypeptide	Rn.4225	2
Zdhc2	Zinc finger, DHHC-domain-containing 2	Mm.34326	2
Zfp36l1	Zinc finger protein 36, C3H-type-like 1	Rn.6142	2
ZFR	Zinc finger RNA-binding protein	Mm.273496	2

¹ Number of clones that were assigned a unique Genbank accession number that corresponded to a single Unigene cluster.