

Supplemental Table S-2. Genes that were differentially regulated by 2-fold or greater between male and female tendons.

Affymetrix Probe ID	Entrez ID	Symbol	Description	Log Fold Change Male vs Female
17543785	213742	Xist	inactive X specific transcripts	-5.47
17426022	100041687	Mup8	major urinary protein 8	-3.73
17426062	100048885	Gm2083	major urinary protein LOC100048885	-3.53
17426043	100048885	Gm2083	major urinary protein LOC100048885	-3.50
17297591	NA	NA	NA	-3.50
17426011	100048885	Gm2083	major urinary protein LOC100048885	-3.46
17425990	100048885	Gm2083	major urinary protein LOC100048885	-3.46
17425915	100048885	Gm2083	major urinary protein LOC100048885	-3.46
17425941	100048885	Gm2083	major urinary protein LOC100048885	-3.40
17517360	66402	Sln	sarcophilin	-3.18
17426032	100048885	Gm2083	major urinary protein LOC100048885	-3.12
17346069	240120	Zfp119b	zinc finger protein 119b	-3.07
17426000	100048885	Gm2083	major urinary protein LOC100048885	-3.03
17425900	100048885	Gm2083	major urinary protein LOC100048885	-2.91
17425888	100048885	Gm2083	major urinary protein LOC100048885	-2.85
17315002	70152	Mettl7a1	methyltransferase like 7A1	-2.62
17248348	NA	NA	NA	-2.41
17524209	NA	NA	NA	-2.39
17443890	24135	Zfp68	zinc finger protein 68	-2.38
17238834	NA	NA	NA	-2.33
17343251	108121	U2af1	U2 small nuclear ribonucleoprotein auxiliary factor (U2AF) 1	-2.32
17406421	99889	Arfp1	ADP-ribosylation factor interacting protein 1	-2.30
17497612	93747	Echs1	enoyl Coenzyme A hydratase, short chain, 1, mitochondrial	-2.22
17238892	NA	NA	NA	-2.22
17238934	64009	Syne1	spectrin repeat containing, nuclear envelope 1	-2.20
17263456	100049789	Gm12264	predicted gene 12264	-2.16
17230111	226695	Ifi205	interferon activated gene 205	-2.13
17425523	NA	NA	NA	-2.12
17507128	100503924	Fcor	Foxo1 corepressor	-2.07
17502414	67922	Fam32a	family with sequence similarity 32, member A	-2.03
17487570	621561	Vmn1r127	vomer nasal 1 receptor 127	-1.97
17304010	268723	A830039N20Rik	RIKEN cDNA A830039N20 gene	-1.95
17238896	NA	NA	NA	-1.95
17238870	NA	NA	NA	-1.94
17343813	14960	H2-Aa	histocompatibility 2, class II antigen A, alpha	-1.93
17238868	NA	NA	NA	-1.90
17269839	52469	Coa3	cytochrome C oxidase assembly factor 3	-1.89
17260474	16009	Igfbp3	insulin-like growth factor binding protein 3	-1.87
17349713	108857	Ankhd1	ankyrin repeat and KH domain containing 1	-1.85
17248127	NA	NA	NA	-1.85
17393841	68108	9430008C03Rik	RIKEN cDNA 9430008C03 gene	-1.84
17548176	68738	Acss1	acyl-CoA synthetase short-chain family member 1	-1.84
17428799	20116	Rps8	ribosomal protein S8	-1.82
17462128	11689	Alox5	arachidonate 5-lipoxygenase	-1.81
17544149	50887	Hmgn5	high-mobility group nucleosome binding domain 5	-1.81
17270999	13207	Ddx5	DEAD (Asp-Glu-Ala-Asp) box polypeptide 5	-1.81
17406730	12095	Bglap3	bone gamma-carboxyglutamate protein 3	-1.80

17238930	64009	Syne1	spectrin repeat containing, nuclear envelope 1	-1.80
17322429	58200	Ppp1r1a	protein phosphatase 1, regulatory (inhibitor) subunit 1A	-1.79
17407706	NA	NA	NA	-1.79
17373380	100217458	Snord67	small nucleolar RNA, C/D box 67	-1.77
17350982	16149	Cd74	CD74 antigen (invariant polypeptide of major histocompatibility complex, class II antigen-associated)	-1.77
17548178	20641	Snrpd1	small nuclear ribonucleoprotein D1	-1.77
17326069	57262	Retnla	resistin like alpha	-1.75
17490624	22121	Rpl13a	ribosomal protein L13A	-1.73
17246262	27370	Rps26	ribosomal protein S26	-1.72
17266044	68299	Vps53	vacuolar protein sorting 53 (yeast)	-1.72
17354282	12583	Cdo1	cysteine dioxygenase 1, cytosolic	-1.71
17238866	NA	NA	NA	-1.69
17250734	69221	2410006H16Rik	RIKEN cDNA 2410006H16 gene	-1.66
17354367	16948	Lox	lysyl oxidase	-1.65
17241032	74747	Ddit4	DNA-damage-inducible transcript 4	-1.65
17238293	751518	Mir677	microRNA 677	-1.64
17514826	75316	Taf1d	TATA box binding protein (Tbp)-associated factor, RNA polymerase I, D	-1.64
17284039	67236	Cinp	cyclin-dependent kinase 2 interacting protein	-1.63
17218760	NA	NA	NA	-1.63
17350364	12583	Cdo1	cysteine dioxygenase 1, cytosolic	-1.62
17543365	278180	Vsig4	V-set and immunoglobulin domain containing 4	-1.62
17484587	13106	Cyp2e1	cytochrome P450, family 2, subfamily e, polypeptide 1	-1.61
17238890	NA	NA	NA	-1.60
17269905	NA	NA	NA	-1.60
17346125	57435	Plin4	perilipin 4	-1.59
17469754	14311	Cidec	cell death-inducing DFFA-like effector c	-1.57
17316043	18162	Npr3	natriuretic peptide receptor 3	-1.57
17480044	69404	Prss23os	protease, serine 23, opposite strand	-1.54
17285654	100190798	4930470G03Rik	RIKEN cDNA 4930470G03 gene	-1.54
17473399	77891	Ube2s	ubiquitin-conjugating enzyme E2S	-1.53
17457876	76263	Gstk1	glutathione S-transferase kappa 1	-1.52
17489989	233168	AI987944	expressed sequence AI987944	-1.50
17494574	NA	NA	NA	-1.50
17247948	216616	Efemp1	epidermal growth factor-containing fibulin-like extracellular matrix protein 1	-1.50
17287790	26914	H2afy	H2A histone family, member Y	-1.48
17545899	12309	S100g	S100 calcium binding protein G	-1.48
17238846	NA	NA	NA	-1.47
17368171	107771	Bmyc	brain expressed myelocytomatosis oncogene	-1.46
17402981	59308	Emcn	endomucin	-1.45
17238840	NA	NA	NA	-1.45
17346528	12266	C3	complement component 3	-1.44
17287170	27047	Omd	osteomodulin	-1.44
17461942	19016	Pparg	peroxisome proliferator activated receptor gamma	-1.43
17344287	NA	NA	NA	-1.43
17317307	NA	NA	NA	-1.43
17526583	214597	Sidt2	SID1 transmembrane family, member 2	-1.43
17213338	72750	Fam117b	family with sequence similarity 117, member B	-1.41
17511868	102122	Fam192a	family with sequence similarity 192, member A	-1.40
17448449	NA	NA	NA	-1.40
17400375	13040	Ctss	cathepsin S	-1.40

17238842	NA	NA	NA	-1.40
17238936	64009	Syne1	spectrin repeat containing, nuclear envelope 1	-1.39
17293607	19206	Ptch1	patched homolog 1	-1.39
17548667	67207	Lsm1	LSM1 homolog, U6 small nuclear RNA associated (<i>S. cerevisiae</i>)	-1.38
17547604	19039	Lgals3bp	lectin, galactoside-binding, soluble, 3 binding protein	-1.38
17290083	13723	Emb	embigin	-1.38
17246154	216459	Myl6b	myosin, light polypeptide 6B	-1.38
17421665	50912	Exosc10	exosome component 10	-1.36
17231784	17684	Cited2	Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 2	-1.36
17327830	207740	Ubal1	UBA-like domain containing 1	-1.35
17548315	12260	C1qb	complement component 1, q subcomponent, beta polypeptide	-1.35
17337120	110558	H2-Q9	histocompatibility 2, Q region locus 9	-1.35
17465608	232685	Lincpint	long intergenic non-protein coding RNA, Trp53 induced transcript	-1.35
17238908	NA	NA	NA	-1.33
17334538	68509	Ptx4	pentraxin 4	-1.33
17233226	14728	Lilrb4	leukocyte immunoglobulin-like receptor, subfamily B, member 4	-1.32
17383129	100306954	Snora17	small nucleolar RNA, H/ACA box 17	-1.32
17485937	77891	Ube2s	ubiquitin-conjugating enzyme E2S	-1.32
17240005	68031	Rnf146	ring finger protein 146	-1.31
17328451	72083	Mzt2	mitotic spindle organizing protein 2	-1.31
17215115	19231	Ptma	prothymosin alpha	-1.30
17474211	14709	Gng8	guanine nucleotide binding protein (G protein), gamma 8	-1.30
17330916	NA	NA	NA	-1.29
17378395	668940	Myh7b	myosin, heavy chain 7B, cardiac muscle, beta	-1.29
17423490	192656	Ripk2	receptor (TNFRSF)-interacting serine-threonine kinase 2	-1.29
17492803	210321	BC048679	cDNA sequence BC048679	-1.29
17537895	12070	Ngfrap1	nerve growth factor receptor (TNFRSF16) associated protein 1	-1.28
17523105	67561	Wdr48	WD repeat domain 48	-1.28
17474647	67091	Trappc6a	trafficking protein particle complex 6A	-1.28
17486956	20514	Slc1a5	solute carrier family 1 (neutral amino acid transporter), member 5	-1.27
17326394	78749	Filip1l	filamin A interacting protein 1-like	-1.27
17281126	72183	Snx6	sorting nexin 6	-1.27
17275524	100101806	Srp54c	signal recognition particle 54C	-1.25
17399033	56700	Glmf	glycosylated lysosomal membrane protein	-1.25
17406397	654362	Dear1	dual endothelin 1/angiotensin II receptor 1	-1.25
17425978	100039054	Mup12	major urinary protein 12	-1.25
17238932	64009	Syne1	spectrin repeat containing, nuclear envelope 1	-1.25
17545761	NA	NA	NA	-1.25
17512171	11837	Rplp0	ribosomal protein, large, P0	-1.25
17238912	NA	NA	NA	-1.25
17260440	100217467	Snora5c	small nucleolar RNA, H/ACA box 5C	-1.24
17237811	320398	Lrig3	leucine-rich repeats and immunoglobulin-like domains 3	-1.23
17510726	109136	Mmaa	methylmalonic aciduria (cobalamin deficiency) type A	-1.23
17547947	56398	Chp1	calcineurin-like EF hand protein 1	-1.22
17343263	17691	Sik1	salt inducible kinase 1	-1.22
17265625	67279	Med31	mediator complex subunit 31	-1.22
17469406	330390	Gm765	predicted gene 765	-1.21
17529647	21761	Morf4l1	mortality factor 4 like 1	-1.21
17411939	72519	Tmem55a	transmembrane protein 55A	-1.21
17230067	100040462	Mndal	myeloid nuclear differentiation antigen like	-1.21
17238886	NA	NA	NA	-1.20

17404429	320024	Nceh1	neutral cholesterol ester hydrolase 1	-1.20
17463550	57436	Gabarapl1	gamma-aminobutyric acid (GABA) A receptor-associated protein-like 1	-1.20
17294991	57748	Jmy	junction-mediating and regulatory protein	-1.20
17218361	NA	NA	NA	-1.19
17300548	19186	Psme1	proteasome (prosome, macropain) activator subunit 1 (PA28 alpha)	-1.19
17537248	68117	Apool	apolipoprotein O-like	-1.19
17281084	112407	Egln3	egl-9 family hypoxia-inducible factor 3	-1.19
17462705	60611	Foxj2	forkhead box J2	-1.19
17459550	20019	Polr1a	polymerase (RNA) I polypeptide A	-1.19
17326208	208650	Cblb	Casitas B-lineage lymphoma b	-1.18
17297595	54169	Kat6b	K(lysine) acetyltransferase 6B	-1.18
17236327	67282	Ccdc53	coiled-coil domain containing 53	-1.18
17264835	12514	Cd68	CD68 antigen	-1.18
17317046	18383	Tnfrsf11b	tumor necrosis factor receptor superfamily, member 11b (osteoprotegerin)	-1.18
17497044	67143	Ikzf5	IKAROS family zinc finger 5	-1.17
17469259	20917	Suclg2	succinate-Coenzyme A ligase, GDP-forming, beta subunit	-1.17
17547933	NA	NA	NA	-1.17
17332228	54720	Rcan1	regulator of calcineurin 1	-1.17
17396009	67306	Zc2hc1a	zinc finger, C2HC-type containing 1A	-1.17
17256162	74026	Msl1	male-specific lethal 1 homolog (Drosophila)	-1.16
17456836	232679	Zc3hc1	zinc finger, C3HC type 1	-1.16
17317486	223601	Fam49b	family with sequence similarity 49, member B	-1.16
17464487	NA	NA	NA	-1.16
17483058	56312	Nupr1	nuclear protein transcription regulator 1	-1.16
17222668	433294	Mettl21c	methyltransferase like 21C	-1.15
17513641	20539	Slc7a5	solute carrier family 7 (cationic amino acid transporter, y+ system), member 5	-1.15
17383858	13429	Dnm1	dynamain 1	-1.15
17282563	67963	Npc2	Niemann-Pick type C2	-1.14
17402025	13171	Dbt	dihydrolipoamide branched chain transacylase E2	-1.14
17456048	NA	NA	NA	-1.14
17297713	328365	Zmiz1	zinc finger, MIZ-type containing 1	-1.14
17483516	12041	Bckdk	branched chain ketoacid dehydrogenase kinase	-1.14
17511359	66714	4921524J17Rik	RIKEN cDNA 4921524J17 gene	-1.13
17302054	100303751	Snora31	small nucleolar RNA, H/ACA box 31	-1.13
17504143	NA	NA	NA	-1.13
17306577	140781	Myh7	myosin, heavy polypeptide 7, cardiac muscle, beta	-1.13
17379304	18769	Pkig	protein kinase inhibitor, gamma	-1.13
17356401	69860	Eif1ad	eukaryotic translation initiation factor 1A domain containing	-1.12
17226953	17248	Mdm4	transformed mouse 3T3 cell double minute 4	-1.11
17333672	67045	RioK2	RIO kinase 2 (yeast)	-1.11
17547871	68036	Zfp706	zinc finger protein 706	-1.11
17229658	14127	Fcer1g	Fc receptor, IgE, high affinity I, gamma polypeptide	-1.11
17516383	15481	Hspa8	heat shock protein 8	-1.10
17548296	67103	Ptgr1	prostaglandin reductase 1	-1.10
17309099	16597	Klf12	Kruppel-like factor 12	-1.10
17293567	100504114	Gm16907	predicted gene, 16907	-1.10
17531050	19654	Rbm6	RNA binding motif protein 6	-1.10
17474105	330474	Zc3h4	zinc finger CCCH-type containing 4	-1.09
17331800	NA	NA	NA	-1.09
17238854	NA	NA	NA	-1.09
17532030	67899	Cmc1	COX assembly mitochondrial protein 1	-1.09

17450366	114664	Hsd17b11	hydroxysteroid (17-beta) dehydrogenase 11	-1.09
17431619	12259	C1qa	complement component 1, q subcomponent, alpha polypeptide	-1.09
17329454	210530	Leprel1	leprecan-like 1	-1.08
17421828	65945	Clstn1	calsyntenin 1	-1.08
17455346	14254	Flt1	FMS-like tyrosine kinase 1	-1.08
17343789	16912	Psemb9	proteasome (prosome, macropain) subunit, beta type 9 (large multifunctional peptidase 2)	-1.08
17233262	215031	Vgll2	vestigial like 2 homolog (Drosophila)	-1.07
17455498	NA	NA	NA	-1.07
17505453	100217432	Snord71	small nucleolar RNA, C/D box 71	-1.07
17440194	13486	Dr1	down-regulator of transcription 1	-1.07
17324404	11450	Adipoq	adiponectin, C1Q and collagen domain containing	-1.07
17399333	14466	Gba	glucosidase, beta, acid	-1.06
17430989	52174	Tmem222	transmembrane protein 222	-1.06
17252887	68275	Rpa1	replication protein A1	-1.06
17245231	17110	Lyz1	lysozyme 1	-1.06
17316189	432940	Otulin	OTU deubiquitinase with linear linkage specificity	-1.06
17436942	NA	NA	NA	-1.06
17364762	66583	Exosc1	exosome component 1	-1.05
17441949	11669	Aldh2	aldehyde dehydrogenase 2, mitochondrial	-1.05
17488176	NA	NA	NA	-1.05
17431607	12260	C1qb	complement component 1, q subcomponent, beta polypeptide	-1.05
17548317	11647	Alpl	alkaline phosphatase, liver/bone/kidney	-1.05
17288145	56541	Habp4	hyaluronic acid binding protein 4	-1.05
17328062	13731	Emp2	epithelial membrane protein 2	-1.05
17234647	16414	Itgb2	integrin beta 2	-1.05
17319192	223693	Tmem184b	transmembrane protein 184b	-1.05
17531987	21813	Tgfr2	transforming growth factor, beta receptor II	-1.05
17538354	751551	Mir680-2	microRNA 680-2	-1.04
17342653	NA	NA	NA	-1.04
17531023	83486	Rbm5	RNA binding motif protein 5	-1.04
17278614	22632	Yy1	YY1 transcription factor	-1.04
17300261	69089	Oxa11	oxidase assembly 1-like	-1.04
17329001	18100	Mrpl40	mitochondrial ribosomal protein L40	-1.04
17364341	19662	Rbp4	retinol binding protein 4, plasma	-1.03
17511277	56495	Asna1	arsA arsenite transporter, ATP-binding, homolog 1 (bacterial)	-1.03
17442977	12909	Crcp	calcitonin gene-related peptide-receptor component protein	-1.02
17465210	NA	NA	NA	-1.02
17475193	71722	Cic	capicua homolog (Drosophila)	-1.02
17212518	73674	Wdr75	WD repeat domain 75	-1.02
17523555	66446	Exosc7	exosome component 7	-1.02
17508445	52120	Hgsnat	heparan-alpha-glucosaminide N-acetyltransferase	-1.02
17233323	18821	Pln	phospholamban	-1.02
17256264	16010	Igfbp4	insulin-like growth factor binding protein 4	-1.02
17346856	19274	Ptpm	protein tyrosine phosphatase, receptor type, M	-1.02
17501818	72368	2310045N01Rik	RIKEN cDNA 2310045N01 gene	-1.02
17364474	54132	Pdim1	PDZ and LIM domain 1 (elfin)	-1.02
17536519	18518	Igbp1	immunoglobulin (CD79A) binding protein 1	-1.01
17530967	76257	Slc38a3	solute carrier family 38, member 3	-1.01
17337955	68463	Mrpl14	mitochondrial ribosomal protein L14	-1.00
17293547	14120	Fbp2	fructose biphosphatase 2	1.00
17327255	12408	Cbr1	carbonyl reductase 1	1.01

17246284	211389	Suox	sulfite oxidase	1.02
17489151	66340	Psenen	presenilin enhancer 2 homolog (C. elegans)	1.02
17287869	75731	Idnk	idnK gluconokinase homolog (E. coli)	1.02
17454908	231872	Aimp2	aminoacyl tRNA synthetase complex-interacting multifunctional protein 2	1.02
17358422	22359	Vldlr	very low density lipoprotein receptor	1.03
17470620	67602	Necap1	NECAP endocytosis associated 1	1.03
17360078	66439	2010012O05Rik	RIKEN cDNA 2010012O05 gene	1.03
17426621	71886	2310002L09Rik	RIKEN cDNA 2310002L09 gene	1.04
17248890	14694	Gnb2l1	guanine nucleotide binding protein (G protein), beta polypeptide 2 like 1	1.05
17447868	231225	Tapt1	transmembrane anterior posterior transformation 1	1.05
17353143	225283	Rprd1a	regulation of nuclear pre-mRNA domain containing 1A	1.05
17548690	625801	Gm6625	predicted gene 6625	1.06
17333410	272667	Smok4a	sperm motility kinase 4A	1.06
17481305	94094	Trim34a	tripartite motif-containing 34A	1.06
17276926	NA	NA	NA	1.06
17484907	100217419	Snora52	small nucleolar RNA, H/ACA box 52	1.06
17291353	57441	Gmn	geminin	1.06
17409753	77559	Ag1	amylo-1,6-glucosidase, 4-alpha-glucanotransferase	1.07
17326814	NA	NA	NA	1.07
17214053	22596	Xrcc5	X-ray repair complementing defective repair in Chinese hamster cells 5	1.07
17296082	621156	Apoo-ps	apolipoprotein O, pseudogene	1.07
17398895	12904	Crabp2	cellular retinoic acid binding protein II	1.08
17401126	229665	Ampd1	adenosine monophosphate deaminase 1	1.08
17431502	26394	Lypla2	lysophospholipase 2	1.08
17531281	66167	Tma7	translational machinery associated 7 homolog (S. cerevisiae)	1.08
17356874	19309	Pygm	muscle glycogen phosphorylase	1.08
17347252	72722	Fam98a	family with sequence similarity 98, member A	1.08
17260182	72046	Urgcp	upregulator of cell proliferation	1.10
17498115	677289	Prr33	proline rich 33	1.11
17538186	NA	NA	NA	1.11
17548244	100503654	Gm19816	predicted gene, 19816	1.11
17533713	21857	Timp1	tissue inhibitor of metalloproteinase 1	1.11
17415432	NA	NA	NA	1.12
17293313	14451	Gas1	growth arrest specific 1	1.12
17425276	11702	Amd1	S-adenosylmethionine decarboxylase 1	1.12
17501288	78353	2500002B13Rik	RIKEN cDNA 2500002B13 gene	1.13
17254976	100628571	Mir378b	microRNA 378b	1.14
17433161	NA	NA	NA	1.14
17225283	100503175	Gm19582	predicted gene, 19582	1.14
17395366	635470	Gm14407	predicted gene 14407	1.14
17481232	100503605	Hbb-bs	hemoglobin, beta adult s chain	1.15
17380762	387136	Mir1a-1	microRNA 1a-1	1.15
17238828	NA	NA	NA	1.15
17386421	NA	NA	NA	1.15
17403571	70892	Tll7	tubulin tyrosine ligase-like family, member 7	1.16
17405604	100504046	Gm20031	predicted gene, 20031	1.16
17366928	NA	NA	NA	1.16
17548726	639396	Gm7265	predicted gene 7265	1.17
17424405	NA	NA	NA	1.17
17505367	234723	Txn14b	thioredoxin-like 4B	1.17
17326438	224250	Cldn25	claudin 25	1.18
17238826	NA	NA	NA	1.19

17453140	18682	Phkg1	phosphorylase kinase gamma 1	1.19
17297537	18792	Plau	plasminogen activator, urokinase	1.21
17407969	67220	Plekho1	pleckstrin homology domain containing, family O member 1	1.21
17400788	108097	Prkab2	protein kinase, AMP-activated, beta 2 non-catalytic subunit	1.22
17260839	66713	Actr2	ARP2 actin-related protein 2	1.22
17418571	27096	Trappc3	trafficking protein particle complex 3	1.23
17303874	59011	Myoz1	myozenin 1	1.24
17547881	223601	Fam49b	family with sequence similarity 49, member B	1.24
17257492	71833	Dcaf7	DDB1 and CUL4 associated factor 7	1.26
17246352	14561	Gdf11	growth differentiation factor 11	1.27
17324161	NA	NA	NA	1.27
17244732	17878	Myf6	myogenic factor 6	1.28
17265657	276829	Smtnl2	smoothelin-like 2	1.28
17280292	NA	NA	NA	1.30
17267184	100628627	Mir5110	microRNA 5110	1.31
17214899	665378	Gm7609	predicted pseudogene 7609	1.31
17476175	74352	Zfp84	zinc finger protein 84	1.31
17412998	545614	Gm10590	predicted gene 10590	1.31
17424410	545614	Gm10590	predicted gene 10590	1.31
17434127	545614	Gm10590	predicted gene 10590	1.31
17470084	NA	NA	NA	1.33
17503462	102093	Phkb	phosphorylase kinase beta	1.34
17521652	66257	Nicn1	nicolin 1	1.34
17446058	NA	NA	NA	1.34
17239074	23924	Katna1	katanin p60 (ATPase-containing) subunit A1	1.35
17266372	100529077	Snord42b	small nucleolar RNA, C/D box 42B	1.36
17493685	100503386	Gm4980	predicted gene 4980	1.36
17277387	14281	Fos	FBJ osteosarcoma oncogene	1.36
17354992	11702	Amd1	S-adenosylmethionine decarboxylase 1	1.37
17499310	21781	Tfdp1	transcription factor Dp 1	1.37
17284349	16019	Ighm	immunoglobulin heavy constant mu	1.39
17315505	723958	Mir196a-2	microRNA 196a-2	1.39
17547616	15122	Hba-a1	hemoglobin alpha, adult chain 1	1.39
17224360	241113	Prkag3	protein kinase, AMP-activated, gamma 3 non-catalytic subunit	1.40
17357717	100217466	Scarna17	small Cajal body-specific RNA 17	1.43
17378896	NA	NA	NA	1.43
17501228	NA	NA	NA	1.43
17376510	228608	Smox	spermine oxidase	1.44
17353215	NA	NA	NA	1.45
17443110	NA	NA	NA	1.46
17505903	NA	NA	NA	1.46
17528160	26395	Map2k1	mitogen-activated protein kinase kinase 1	1.46
17264306	74184	2310065F04Rik	RIKEN cDNA 2310065F04 gene	1.47
17547680	20969	Sdc1	syndecan 1	1.47
17350921	NA	NA	NA	1.47
17324402	NA	NA	NA	1.49
17482126	NA	NA	NA	1.50
17293006	57266	Cxcl14	chemokine (C-X-C motif) ligand 14	1.50
17519108	74778	Rrp7a	ribosomal RNA processing 7 homolog A (<i>S. cerevisiae</i>)	1.52
17291674	238564	Mylk4	myosin light chain kinase family, member 4	1.52
17316369	NA	NA	NA	1.53
17477322	16618	Klk1b26	kallikrein 1-related peptidase b26	1.55

17331162	12837	Col8a1	collagen, type VIII, alpha 1	1.55
17545477	100504521	Gm20264	predicted gene, 20264	1.55
17440132	NA	NA	NA	1.56
17501220	NA	NA	NA	1.57
17501222	NA	NA	NA	1.57
17349514	13653	Egr1	early growth response 1	1.58
17476521	791088	C630016N16Rik	RIKEN cDNA C630016N16 gene	1.60
17547600	12702	Socs3	suppressor of cytokine signaling 3	1.60
17473155	81904	Cacng7	calcium channel, voltage-dependent, gamma subunit 7	1.62
17527806	621119	Rps11-ps1	ribosomal protein S11, pseudogene 1	1.62
17512654	192654	Pla2g15	phospholipase A2, group XV	1.64
17501224	NA	NA	NA	1.65
17320947	69354	Slc38a4	solute carrier family 38, member 4	1.65
17518980	100526560	Mir3109	microRNA 3109	1.66
17350932	667597	BC023105	cDNA sequence BC023105	1.66
17419263	100217460	Snord85	small nucleolar RNA, C/D box 85	1.70
17509359	NA	NA	NA	1.72
17315558	56447	Copz1	coatamer protein complex, subunit zeta 1	1.74
17254041	20296	Ccl2	chemokine (C-C motif) ligand 2	1.74
17251091	17884	Myh4	myosin, heavy polypeptide 4, skeletal muscle	1.76
17326887	224419	Map3k7cl	Map3k7 C-terminal like	1.76
17527818	71599	Senp8	SUMO/sentrin specific peptidase 8	1.77
17240606	12484	Cd24a	CD24a antigen	1.77
17233022	12484	Cd24a	CD24a antigen	1.78
17240365	11702	Amd1	S-adenosylmethionine decarboxylase 1	1.78
17361362	11474	Actn3	actinin alpha 3	1.79
17355435	100217466	Scarna17	small Cajal body-specific RNA 17	1.81
17485963	381836	Sbk2	SH3-binding domain kinase family, member 2	1.85
17288105	387217	Mir23b	microRNA 23b	1.86
17415369	15967	Ifna4	interferon alpha 4	1.91
17288112	387142	Mir24-1	microRNA 24-1	1.93
17490245	233199	Mybpc2	myosin binding protein C, fast-type	1.96
17242644	382384	Odf3l2	outer dense fiber of sperm tails 3-like 2	1.97
17355437	NA	NA	NA	1.98
17501226	NA	NA	NA	1.99
17233303	NA	NA	NA	2.01
17451785	545798	Tmem233	transmembrane protein 233	2.03
17548055	630751	LOC630751	interferon-inducible GTPase 1-like	2.05
17431099	NA	NA	NA	2.08
17411885	77604	Rbm12b2	RNA binding motif protein 12 B2	2.09
17294516	NA	NA	NA	2.15
17345664	NA	NA	NA	2.16
17293571	100526474	Mir3074-1	microRNA 3074-1	2.18
17352693	387151	Mir133a-1	microRNA 133a-1	2.20
17530881	NA	NA	NA	2.21
17301340	NA	NA	NA	2.22
17306071	219024	Tmem55b	transmembrane protein 55b	2.23
17528615	NA	NA	NA	2.34
17319403	27367	Rpl3	ribosomal protein L3	2.39
17286717	100628630	Mir5124a	microRNA 5124a	2.43
17546316	26908	Eif2s3y	eukaryotic translation initiation factor 2, subunit 3, structural gene Y-linked	2.45

17494221	101488143	Hbb-bt	hemoglobin, beta adult t chain	2.46
17439532	NA	NA	NA	2.47
17514824	75316	Taf1d	TATA box binding protein (Tbp)-associated factor, RNA polymerase I, D	2.48
17546834	26900	Ddx3y	DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, Y-linked	2.54
17226748	NA	NA	NA	2.55
17215238	NA	NA	NA	2.57
17501204	NA	NA	NA	2.65
17518312	100217453	Snord16a	small nucleolar RNA, C/D box 16A	2.79
17234131	69563	2310015B20Rik	RIKEN cDNA 2310015B20 gene	2.98
17315686	109828	C7	complement component 7	3.04
17303821	74843	Mss51	MSS51 mitochondrial translational activator	3.04