Table S1. Target genes down- or upregulated specifically in *repro9* mutant testes compared with wild type

Probe ID	log2D14	log2D17	Gene symbol	Gene title	Entrez ID	Unigene id	CHR
1415847_at	–5.56	–7.38	*Ldhc*	lactate dehydrogenase C	16833	Mm.16563	7
1446643_at	–2.35	–7.05	*5330409N07Rik*	RIKEN cDNA 5330409N07 gene	319766	NA	12
1439222_at	**–5.81**	**–6.87**	***Morc2b***	**microrchidia 2B**	**240069**	**Mm.157765**	**17**
1460340_at	**–4.15**	**–6.85**	***Piwil1***	**piwi-like homolog 1 (Drosophila)**	**57749**	**Mm.272720**	**5**
1441893_at	–0.30	–6.28	*Tex24*	testis expressed gene 24	541463	Mm.84066	8
1417076_at	–3.94	–6.21	*Fabp9*	fatty acid binding protein 9; testis	21884	Mm.26654	3
1429366_at	–3.70	–5.94	*Lrrc34*	leucine rich repeat containing 34	71827	Mm.45373	3
1436931_at	–3.86	–5.73	*Rfx4*	regulatory factor X; 4	71137	Mm.79070	10
1426190_at	–3.40	–5.61	*Aym1*	activator of yeast meiotic promoters 1	503692	Mm.348794	5
1430400_at	–2.17	–5.51	*4930521A18Rik*	RIKEN cDNA 4930521A18 gene	74708	Mm.246796	1
1432503_a_at	–3.58	–5.42	*Pdcl2*	phosducin-like 2	79455	Mm.143764	5
1433306_at	–3.03	–5.39	*4930456K20Rik*	RIKEN cDNA 4930456K20 gene	74898	NA	10
1457829_at	–3.08	–5.34	*Clgn*	calmegin	12745	Mm.358581	8
1434983_at	–2.74	–5.33	*Ccdc108*	coiled-coil domain containing 108	241116	Mm.186404	1
1430223_at	–5.08	–5.32	*4930442P07Rik*	RIKEN cDNA 4930442P07 gene	74692	Mm.395790	17
1430182_a_at	–3.41	–5.32	*1700006J14Rik*	RIKEN cDNA 1700006J14 gene	321010	Mm.391448	10
1423410_at	–2.61	–5.10	*Meig1*	meiosis expressed gene 1	104362	Mm.2688	2
1433109_at	–3.85	–4.93	*Mif*	macrophage migration inhibitory factor	17319	Mm.2326	10
1431685_at	–5.16	–4.92	*4930549O18Rik*	RIKEN cDNA 4930549O18 gene	75335	Mm.389776	6
1454125_a_at	–2.93	–4.91	*Wdr69*	WD repeat domain 69	71227	Mm.256482	1
1429644_at	–2.61	–4.88	*1700011I03Rik*	RIKEN cDNA 1700011I03 gene	75444	Mm.57415	18
1436419_a_at	–1.43	–4.77	*1700097N02Rik*	RIKEN cDNA 1700097N02 gene	67522	Mm.372315	17
1431245_at	–4.67	–4.74	*1700063H04Rik*	RIKEN cDNA 1700063H04 gene	74269	Mm.81022	6
1454196_at	–0.90	–4.73	*4930568A13Rik*	RIKEN cDNA 4930568A13 gene	75902	NA	5
1433276_at	–3.23	–4.62	*4930556A12Rik*	RIKEN cDNA 4930556A12 gene	75333	NA	17
1446381_at	–2.71	–4.61	*LOC100042648*	Hypothetical protein LOC100042648	100042648	Mm.444756	11
1420660_at	–2.35	–4.53	*Lrrc6*	leucine rich repeat containing 6	54562	Mm.244890	15
1435040_at	–0.70	–4.51	*Irak3*	interleukin-1 receptor-associated kinase 3	73914	Mm.146194	10
1430217_at	–1.61	–4.43	*Lrguk*	leucine-rich repeats and guanylate kinase domain containing	74354	Mm.127952	6
1458193_at	–3.25	–4.19	*Pmp2*	peripheral myelin protein 2	18857	Mm.371777	3
1459923_at	0.21	–4.00	*Bex6*	brain expressed gene 6	328660	Mm.441006	16
1427170_at	–2.48	–3.98	*Psma8*	proteasome (prosome; macropain) subunit; alpha type; 8	73677	Mm.87277	18
1441845_at	–2.59	–3.95	*Caps2*	calcyphosphine 2	353025	Mm.194428	10
1438636_s_at	–0.84	–3.94	*Susd5*	sushi domain containing 5	382111	Mm.376140	9
1438184_a_at	–2.71	–3.89	*Ankrd5*	ankyrin repeat domain 5	319196	Mm.198389	2
1420366_at	–2.31	–3.84	*Spesp1*	sperm equatorial segment protein 1	66712	Mm.263615	9
1450700_at	–0.94	–3.83	*Cdc42ep3*	CDC42 effector protein (Rho GTPase binding) 3	260409	Mm.140601	17
1451952_at	–1.00	–3.81	*Prok2*	prokineticin 2	50501	Mm.87365	6
1439758_at	**–1.22**	**–3.79**	***Als2cr12***	**amyotrophic lateral sclerosis 2 (juvenile) chromosome region; candidate 12 (human)**	**108812**	**Mm.442063**	**1**
1450752_at	–2.00	–3.74	*Cyct*	cytochrome c; testis	13067	Mm.4872	2
1429419_at	–2.57	–3.62	*2310007A19Rik*	RIKEN cDNA 2310007A19 gene	66353	Mm.46405	3
1455973_at	–0.93	–3.57	*OTTMUSG00000 005148*	predicted gene; OTTMUSG00000005148	626870	Mm.369429	11
1435365_at	–1.10	–3.51	*4732415M23Rik*	RIKEN cDNA 4732415M23 gene	320869	Mm.258354	8
1440456_at	–2.49	–3.51	*Dnahc7a*	dynein; axonemal; heavy chain 7A	627872	Mm.184692	1
1438873_at	–0.60	–3.49	*zinc finger protein 389*	Zfp389	100038371	Mm.133328	13
1429037_at	–1.60	–3.48	*1700019A02Rik*	RIKEN cDNA 1700019A02 gene	69397	Mm.307084	1
1429364_at	–1.53	–3.48	*4930579G24Rik*	RIKEN cDNA 4930579G24 gene	75939	Mm.221520	3
1433073_at	–3.07	–3.47	*4933425E08Rik*	RIKEN cDNA 4933425E08 gene	71127	Mm.414843	10
1450962_at	–1.67	–3.39	*Pdha2*	pyruvate dehydrogenase E1 alpha 2	18598	Mm.4223	3
1453526_at	–0.88	–3.38	*4930503E14Rik*	RIKEN cDNA 4930503E14 gene	74954	Mm.425904	14
1444740_at	–2.25	–3.32	*4930550L11Rik*	RIKEN cDNA 4930550L11 gene	545975	Mm.391968	7
1449147_at	–1.40	–3.30	*Chst1*	carbohydrate (keratan sulfate Gal-6) sulfotransferase 1	76969	Mm.38021	2
1438466_at	–1.52	–3.29	*Dnahc7b*	dynein; axonemal; heavy chain 7B	227058	Mm.296880	1
1428665_at	–1.47	–3.26	*2900024P18Rik/ Pfn4*	RIKEN cDNA 2900024P18 gene	382562	NA	12
1420762_a_at	–1.48	–3.26	*Ybx2*	Y box protein 2/	53422	Mm.29286	11
1433198_at	–3.13	–3.23	*4930445B03Rik*	RIKEN cDNA 4930445B03 gene	74867	NA	11
1453397_at	–2.90	–3.14	*9130016M20Rik*	RIKEN cDNA 9130016M20 gene	71620	Mm.5307	19
1436086_at	–1.33	–3.09	*4921526F01Rik*	RIKEN cDNA 4921526F01 gene	385668	Mm.24626	16

1429642_at	–1.38	–3.09	*Anubl1*	AN1; ubiquitin-like; homolog (Xenopus laevis)	67492	Mm.272772	6
1453494_at	–3.58	–3.08	*4921513H07Rik*	RIKEN cDNA 4921513H07 gene	330426	Mm.272027	6
1431870_at	–2.67	–3.04	*4930463O16Rik*	RIKEN cDNA 4930463O16 gene	75804	Mm.159580	10
1424012_at	–1.05	–3.03	*Ttc30a1*	tetratricopeptide repeat domain 30A1	78802	Mm.282339	2
1432342_at	–1.28	–3.03	*Nmnat3*	nicotinamide nucleotide adenylyltransferase 3	74080	Mm.294082	9
1454702_at	–0.57	–3.01	*4930503L19Rik*	RIKEN cDNA 4930503L19 gene	269033	Mm.87470	18
1437737_at	–0.56	–3.01	*Dis3l*	DIS3 mitotic control homolog (S. cerevisiae)-like	213550	Mm.268341	9
1455340_at	–0.58	–3.00	*D030011O10Rik*	RIKEN cDNA D030011O10 gene	320560	Mm.426874	6
1431518_at	–2.52	–2.99	*Ptchd3*	patched domain containing 3	74675	Mm.61213	11
1425302_at	–0.65	–2.98	*BC024997*	cDNA sequence BC024997	215723	Mm.131205	11
1453180_at	–1.09	–2.97	*6530404N21Rik*	RIKEN cDNA 6530404N21 gene	67795	Mm.204591	19
1430897_at	–2.15	–2.96	*4931428L18Rik*	RIKEN cDNA 4931428L18 gene	70988	Mm.161414	1
1443831_s_at	–3.15	–2.96	*Mtl5*	metallothionein-like 5; testis-specific (tesmin)	17771	Mm.209941	19
1438262_at	–1.35	–2.96	*Slc8a2*	solute carrier family 8 (sodium/calcium exchanger); member 2	110891	Mm.241147	7
1432501_at	–1.84	–2.94	*1700092E16Rik*	RIKEN cDNA 1700092E16 gene	74291	Mm.159161	10
1419531_at	–2.76	–2.93	*1700102P08Rik*	RIKEN cDNA 1700102P08 gene	112418	Mm.78287	9
1432185_a_at	–1.29	–2.92	*Spdyb*	speedy homolog B (Drosophila)	74673	Mm.273303	5
1435410_at	–2.39	–2.91	*Tcam1*	testicular cell adhesion molecule 1	75870	Mm.159608	11
1460686_at	**–2.05**	**–2.90**	***Cntd1***	**cyclin N-terminal domain containing 1**	**68107**	**Mm.262369**	**11**
1453835_at	–0.98	–2.88	*4930505M18Rik*	RIKEN cDNA 4930505M18 gene	67641	Mm.72619	7
1417719_at	–0.84	–2.87	*Sap30*	sin3 associated polypeptide	60406	Mm.118	8
1436104_a_at	–0.59	–2.86	*2310015A05Rik/ Ccdc74a*	RIKEN cDNA 2310015A05 gene	72315	NA	16
1431513_at	**–0.91**	**–2.86**	***4921537P18Rik/Poteg***	**RIKEN cDNA 4921537P18 gene**	**70952**	**Mm.158160**	**8**
1437130_at	–1.24	–2.83	*EG432879*	predicted gene; EG432879	432879	Mm.308666	14
1432156_a_at	–1.25	–2.82	*Rnf32*	ring finger protein 32	56874	Mm.87352	5
1444712_at	–1.99	–2.82	*Hsf5*	heat shock transcription factor family member 5	327992	Mm.390371	11
1439559_at	–0.84	–2.82	*1700040D17Rik*	RIKEN cDNA 1700040D17 gene	76602	Mm.87305	3
1419480_at	–1.59	–2.81	*Sell*	selectin; lymphocyte	20343	Mm.1461	1
1451605_at	–0.86	–2.81	*Dyx1c1*	dyslexia susceptibility 1 candidate 1 homolog (human)	67685	Mm.31817	9
1417635_at	–1.19	–2.79	*Spa17*	sperm autoantigenic protein 17	20686	Mm.8637	9
1435827_at	–1.27	–2.79	*4933404O12Rik*	RIKEN cDNA 4933404O12 gene	66752	Mm.135764	5
1451832_at	**–0.91**	**–2.78**	***Cklf***	**chemokine-like factor**	**75458**	**Mm.269219**	**8**
1435022_at	–0.87	–2.77	*Alx1*	ALX homeobox 1	216285	Mm.19287	10
1441945_s_at	–1.62	–2.77	*Abhd14a*	abhydrolase domain containing 14A	68644	Mm.268925	9
1432694_at	–2.68	–2.74	*4921527H02Rik*	RIKEN cDNA 4921527H02 gene	70929	NA	3
1417511_at	–0.59	–2.74	*Lyar*	Ly1 antibody reactive clone	17089	Mm.28560	5
1453178_at	–1.23	–2.71	*Iqch*	IQ motif containing H	78250	Mm.444612	9
1431204_at	–0.77	–2.71	*4930578N16Rik*	RIKEN cDNA 4930578N16 gene	75051	Mm.195726	2
1456441_at	–0.77	–2.68	*Ccdc87*	coiled-coil domain containing 87	399599	Mm.444704	19
1459661_at	–1.65	–2.67	*AW492955*	expressed sequence AW492955	195208	Mm.384976	13
1422725_at	–1.58	–2.66	*Mak*	male germ cell-associated kinase	17152	Mm.8149	13
1416892_s_at	–0.56	–2.65	*3110001A13Rik*	RIKEN cDNA 3110001A13 gene	66540	Mm.277864	2
1433351_at	–3.90	–2.64	*4933412L11Rik*	RIKEN cDNA 4933412L11 gene	74078	Mm.381586	6
1449509_at	–0.84	–2.64	*Serf1*	small EDRK-rich factor 1	20365	Mm.286177	13
1428375_at	–1.17	–2.61	*4932415G12Rik*	RIKEN cDNA 4932415G12 gene	67723	Mm.456407	10
1450178_at	–0.99	–2.60	*Brdt*	bromodomain; testis-specific	114642	Mm.182836	5
1417169_at	–0.76	–2.59	*Usp2*	ubiquitin specific peptidase 2	53376	Mm.272770	9
1454800_at	–0.63	–2.58	*Morn2*	MORN repeat containing 2	378462	Mm.45208	17
1423119_at	–0.80	–2.56	*Rshl2a/Rshl2b*	radial spokehead-like 2A/radial spokehead-like 2B	66832	Mm.29830	17
1456092_at	–2.24	–2.55	*Kctd7*	potassium channel tetramerisation domain containing 7	212919	Mm.55812	5
1430156_at	–0.70	–2.53	*4930520O04Rik*	RIKEN cDNA 4930520O04 gene	75116	Mm.72675	9
1430157_at	–0.30	–2.53	*1700095J03Rik*	RIKEN cDNA 1700095J03 gene	74293	Mm.381252	7
1448673_at	–0.42	–2.52	*Pvrl3*	poliovirus receptor-related 3	58998	Mm.328072	16
1455167_at	–2.53	–2.51	*Cox8c*	cytochrome c oxidase; subunit VIIIc	75483	Mm.660	12
1429936_at	–0.51	–2.50	*Pih1d2*	PIH1 domain containing 2	72614	Mm.147232	9
1433320_at	–1.24	–2.50	*4930519N06Rik*	RIKEN cDNA 4930519N06 gene	75082	Mm.159420	6
1452844_at	–0.99	–2.47	*Pou6f1*	POU domain; class 6; transcription factor 1	19009	Mm.28825	15
1456052_at	–0.33	–2.47	*Cdkl3*	cyclin-dependent kinase-like 3	213084	Mm.280557	11

1430847_a_at	–1.10	–2.47	*Crem*	cAMP responsive element modulator	12916	Mm.5244	18
1457867_at	–0.73	–2.46	*Sgpp2*	sphingosine-1-phosphate phosphotase 2	433323	Mm.276248	1
1453317_a_at	–0.64	–2.42	*Khdrbs3*	KH domain containing; RNA binding; signal transduction associated 3	13992	Mm.17964	15
1454111_at	–1.41	–2.40	*4930404A10Rik*	RIKEN cDNA 4930404A10 gene	74847	Mm.460729	11
1424029_at	–0.54	–2.40	*Tspyl4*	TSPY-like 4	72480	Mm.21485	10
1447218_at	–0.77	–2.40	*1110003F02Rik*	RIKEN cDNA 1110003F02 gene	68466	Mm.442571	5
1417101_at	–2.09	–2.39	*Hspa2*	heat shock protein 2	15512	Mm.296181	12
1430516_at	–0.90	–2.37	*4930428B01Rik*	RIKEN cDNA 4930428B01 gene	73854	NA	7
1429687_at	–1.36	–2.36	*Cox7b2*	cytochrome c oxidase subunit VIIb2	78174	Mm.60690	5
1417211_a_at	–0.31	–2.34	*1110032A03Rik*	RIKEN cDNA 1110032A03 gene	68721	Mm.171374	9
1429983_at	–0.08	–2.34	*2010002M09Rik*	RIKEN cDNA 2010002M09 gene	69841	Mm.57938	3
1435392_at	–0.46	–2.29	*Wdr17*	WD repeat domain 17	244484	Mm.95281	8
1424999_at	**–0.75**	**–2.29**	***1700022C21Rik***	**RIKEN cDNA 1700022C21 gene**	**76416**	**Mm.26684**	**17**
1441390_at	–0.75	–2.28	*Spdya*	speedy homolog A (Drosophila)	70891	Mm.391036	17
1448523_at	–0.70	–2.26	*Nphp1*	nephronophthisis 1 (juvenile) homolog (human)	53885	Mm.210766	2
1447997_s_at	–0.30	–2.25	*Timm8a2*	translocase of inner mitochondrial membrane 8 homolog a2 (yeast)	223262	Mm.297637	14
1428284_at	–0.39	–2.23	*8430427H17Rik*	RIKEN cDNA 8430427H17 gene	329540	Mm.50600	2
1454222_a_at	–1.55	–2.23	*Ccdc13*	coiled-coil domain containing 13	434446	Mm.458369	9
1453600_at	–1.68	–2.22	*Ccdc18*	coiled-coil domain containing 18	73254	Mm.441231	5
1431538_at	–0.07	–2.21	*4931415C17Rik*	RIKEN cDNA 4931415C17 gene	70966	NA	8
1455322_at	–1.11	–2.21	*Ttc21b*	tetratricopeptide repeat domain 21B	73668	Mm.250868	2
1437168_at	–0.37	–2.19	*Srrp*	serine-arginine repressor protein	272009	Mm.156636	4
1444138_at	–0.71	–2.19	*Cyp2r1*	cytochrome P450; family 2; subfamily r; polypeptide 1	244209	Mm.108037	7
1449010_at	–0.88	–2.19	*Hspa4l*	heat shock protein 4 like	18415	Mm.39330	3
1429868_at	–1.96	–2.18	*1700020N01Rik*	RIKEN cDNA 1700020N01 gene	67692	NA	10
1440460_at	–0.49	–2.18	*4930504O13Rik*	RIKEN cDNA 4930504O13 gene	403200	Mm.60809	11
1450028_a_at	–0.56	–2.17	*Lancl2*	LanC (bacterial lantibiotic synthetase component C)-like 2	71835	Mm.274904	6
1454684_at	–0.49	–2.17	*Bbs7*	Bardet-Biedl syndrome 7	71492	Mm.286187	3
1445173_at	–0.46	–2.17	*AK129341*	cDNA sequence AK129341	234915	Mm.101341	9
1451442_at	–0.42	–2.16	*Ccdc104*	coiled-coil domain containing 104	216618	Mm.128663	11
1428972_at	–0.49	–2.15	*0610012D17Rik*	RIKEN cDNA 0610012D17 gene	66061	Mm.302693	16
1430093_at	–0.54	–2.14	*4933406P04Rik*	RIKEN cDNA 4933406P04 gene	74420	Mm.404497	10
1430023_at	–0.44	–2.14	*5133400G04Rik*	RIKEN cDNA 5133400G04 gene	71242	Mm.151498	18
1425271_at	–0.69	–2.14	*Psmc3ip*	proteasome (prosome; macropain) 26S subunit; ATPase 3; interacting protein	19183	Mm.18344	11
1430781_at	–1.05	–2.14	*Ak7*	adenylate kinase 7	78801	Mm.36006	12
1436942_at	–0.18	–2.13	*A930035D04Rik*	RIKEN cDNA A930035D04 gene	320946	Mm.380071	6
1431729_at	–0.59	–2.12	*Spata17*	spermatogenesis associated 17	74717	Mm.250430	1
1438441_at	–0.85	–2.11	*Id4*	Inhibitor of DNA binding 4	15904	Mm.458006	13
1437693_at	–0.42	–2.11	*D1Pas1*	DNA segment; Chr 1; Pasteur Institute 1	110957	Mm.108054	1
1455218_at	–0.76	–2.10	*6330503K22Rik*	RIKEN cDNA 6330503K22 gene	101565	Mm.23279	7
1441755_at	–1.56	–2.09	*Mapk15*	mitogen-activated protein kinase 15	332110	Mm.40843	15
1454743_at	–0.55	–2.09	*Nup205*	nucleoporin 205	70699	Mm.261208	6
1417826_at	–0.74	–2.08	*Akr1e1*	aldo-keto reductase family 1; member E1	56043	Mm.251908	13
1418736_at	–0.99	–2.08	*B3galnt1*	UDP-GalNAc:betaGlcNAc beta 1;3-galactosaminyltransferase; polypeptide 1	26879	Mm.153710	3
1454766_at	–0.46	–2.07	*Amn1*	antagonist of mitotic exit network 1 homolog (S. cerevisiae)	232566	Mm.209147	6
1420355_at	–0.28	–2.05	*Grk4*	G protein-coupled receptor kinase 4	14772	Mm.117076	5
1436348_at	–0.78	–2.05	*Gm505*	Transcribed locus	244666	Mm.6358	8
1424315_at	–0.65	–2.04	*1110004E09Rik*	RIKEN cDNA 1110004E09 gene	68001	Mm.45374	16
1442148_at	–0.57	–2.04	*Psip1*	PC4 and SFRS1 interacting protein 1	101739	Mm.448301	4
1432590_at	–0.09	–2.03	*4930573O21Rik*	RIKEN cDNA 4930573O21 gene	114670	Mm.426484	4
1453510_s_at	–1.17	–2.03	*4930589M24Rik*	RIKEN cDNA 4930589M24 gene	75906	Mm.436785	10
1441985_at	–0.72	–2.01	*4933416C03Rik*	RIKEN cDNA 4933416C03 gene	619332	Mm.391427	10
1417113_at	–0.59	–1.98	*Gmcl1*	germ cell-less homolog 1 (Drosophila)	23885	Mm.321452	6
1441720_at	–0.37	–1.98	*4921530L18Rik*	RIKEN cDNA 4921530L18 gene	70957	Mm.399049	2
1455327_at	–0.36	–1.97	*Senp2*	SUMO/sentrin specific peptidase 2	75826	Mm.393285	16
1453348_at	–1.12	–1.97	*1700085D22Rik*	RIKEN cDNA 1700085D22 gene	73512	Mm.259519	8
1432157_at	–0.71	–1.96	*4930515G13Rik*	RIKEN cDNA 4930515G13 gene	75098	Mm.152544	17
1426264_at	–0.62	–1.96	*Dlat*	dihydrolipoamide S-acetyltransferase (E2 component of pyruvate	235339	Mm.285076	9

				dehydrogenase complex)			
1418651_at	–0.76	–1.95	*Spata6*	spermatogenesis associated 6	67946	Mm.275526	4
1445639_at	–1.28	–1.95	*9130014G24Rik*	RIKEN cDNA 9130014G24 gene	215772	Mm.246573	10
1433986_at	–0.30	–1.95	*BC024659*	cDNA sequence BC024659	108934	Mm.38578	13
1431771_a_at	–0.46	–1.94	*Irak1bp1*	interleukin-1 receptor-associated kinase 1 binding protein 1	65099	Mm.41415	9
1452974_at	**–0.58**	**–1.94**	***Nol8***	**nucleolar protein 8**	**70930**	**Mm.258915**	**13**
1422400_a_at	–1.77	–1.93	*Gml/Hemt1*	GPI anchored molecule like protein/hematopoietic cell transcript 1	625599	Mm.390785	15
1429016_at	–0.69	–1.93	*Ankzf1/Glb1l*	ankyrin repeat and zinc finger domain containing 1/galactosidase; beta 1-like	74577	Mm.458319	1
1427568_a_at	–0.74	–1.93	*Ift80*	intraflagellar transport 80 homolog (Chlamydomonas)	68259	Mm.389451	3
1430154_at	–0.23	–1.92	*4930543C13Rik/ Vps13a*	RIKEN cDNA 4930543C13 gene/vacuolar protein sorting 13A (yeast)	78932	Mm.211963	19
1456905_at	–1.39	–1.91	*Ccdc24*	coiled-coil domain containing 24	381546	Mm.440118	4
1422653_at	–0.55	–1.90	*Cep70*	centrosomal protein 70	68121	Mm.288739	9
1450928_at	–0.72	–1.85	*LOC100045546*	similar to Id4	100045546	NA	13
1441504_at	–0.39	–1.85	*Rbm44*	RNA binding motif protein 44	329207	Mm.295940	1
1429095_at	**–1.10**	**–1.85**	***Cenpp***	**centromere protein P**	**66336**	**Mm.440323**	**13**
1455558_at	–0.13	–1.84	*Gm114*	gene model 114; (NCBI)	228730	Mm.292352	2
1449229_a_at	–0.43	–1.81	*Cdkl2*	cyclin-dependent kinase-like 2 (CDC2-related kinase)	53886	Mm.44963	5
1448627_s_at	–0.42	–1.81	*Pbk*	PDZ binding kinase	52033	Mm.24337	14
1451325_at	–0.59	–1.80	*Fyttd1*	forty-two-three domain containing 1	69823	Mm.12831	16
1416824_at	–0.25	–1.80	*B230118H07Rik*	RIKEN cDNA B230118H07 gene	68170	Mm.31263	2
1420721_at	–0.27	–1.80	*4921536K21Rik*	RIKEN cDNA 4921536K21 gene	67430	Mm.347950	11
1448204_at	–0.46	–1.79	*Sav1*	salvador homolog 1 (Drosophila)	64010	Mm.390480	12
1436332_at	–1.15	–1.77	*Hspb6*	heat shock protein; alpha-crystallin-related; B6	243912	Mm.34885	7
1444689_at	–1.03	–1.77	*Wdr67*	WD repeat domain 67	210544	Mm.390835	15
1425300_at	–0.87	–1.77	*Dak*	dihydroxyacetone kinase 2 homolog (yeast)	225913	Mm.374868	19
1452890_at	–0.12	–1.76	*Ttll5*	tubulin tyrosine ligase-like family; member 5	320244	Mm.132172	12
1429795_at	–0.71	–1.76	*1700001L05Rik*	RIKEN cDNA 1700001L05 gene	69291	Mm.66794	15
1417966_at	–0.45	–1.75	*Mrpl39*	mitochondrial ribosomal protein L39	27393	Mm.103655	16
1435401_at	–0.44	–1.75	*Ttc26*	tetratricopeptide repeat domain 26	264134	Mm.253446	6
1417299_at	**–0.99**	**–1.75**	***Nek2***	**NIMA (never in mitosis gene a)-related expressed kinase 2**	**18005**	**Mm.33773**	**1**
1417195_at	–0.34	–1.74	*Wwc2*	WW; C2 and coiled-coil domain containing 2	52357	Mm.235074	8
1428706_at	–0.59	–1.72	*Prr6*	proline-rich polypeptide 6	73139	Mm.390409	11
1422778_at	**–0.60**	**–1.71**	***Taf9***	**TAF9 RNA polymerase II; TATA box binding protein (TBP)-associated factor**	**108143**	**Mm.301148**	**13**
1424602_s_at	–0.18	–1.71	*Xrcc4*	X-ray repair complementing defective repair in Chinese hamster cells 4	108138	Mm.37531	13
1417683_at	–0.58	–1.71	*Diablo*	diablo homolog (Drosophila)	66593	Mm.46716	5
1431962_a_at	–0.54	–1.71	*Stambp*	Stam binding protein	70527	Mm.32801	6
1434837_at	–0.44	–1.71	*Mdc1*	mediator of DNA damage checkpoint 1	240087	Mm.218511	17
1418915_at	–0.60	–1.70	*Mmachc*	methylmalonic aciduria cblC type; with homocystinuria	67096	Mm.252785	4
1438090_x_at	–0.76	–1.70	*Ankrd54*	ankyrin repeat domain 54	223690	Mm.24262	15
1456202_at	–2.65	–1.69	*Lrrc62*	leucine rich repeat containing 62	207393	Mm.323188	15
1433893_s_at	–0.77	–1.68	*Spag5*	sperm associated antigen 5	54141	Mm.24250	11
1431415_a_at	–0.39	–1.67	*Tbpl1*	TATA box binding protein-like 1	237336	Mm.86670	10
1417458_s_at	–0.75	–1.66	*Cks2*	CDC28 protein kinase regulatory subunit 2	66197	Mm.443327	13
1442982_at	–0.32	–1.66	*Ccdc66*	coiled-coil domain containing 66	320234	Mm.390701	14
1434829_at	–0.48	–1.66	*Cbl*	Casitas B-lineage lymphoma	12402	Mm.266871	9
1434205_at	–0.26	–1.64	*Ppp2r5c*	protein phosphatase 2; regulatory subunit B (B56); gamma isoform	26931	Mm.240396	12
1430832_at	–0.95	–1.64	*4930426I24Rik*	RIKEN cDNA 4930426I24 gene	77074	Mm.159844	12
1448678_at	–0.41	–1.63	*3110048E14Rik*	RIKEN cDNA 3110048E14 gene	73225	Mm.247535	15
1433455_at	–0.29	–1.61	*LOC100047863*	similar to lymphocyte-specific adaptor protein Lnk	100047863	NA	5
1421479_at	–0.33	–1.61	*Zfp318*	zinc finger protein 318	57908	Mm.439916	17
1451080_at	–0.12	–1.60	*Usp1*	ubiquitin specific peptdiase 1	230484	Mm.371692	4
1434422_at	–0.51	–1.60	*AI428479*	expressed sequence AI428479	98341	Mm.432181	1
1420783_at	–0.80	–1.59	*Trpd52l3*	tumor protein D52-like 3	66745	Mm.158128	19

1422471_at	–0.63	–1.58	*Pex13*	peroxisomal biogenesis factor 13	72129	Mm.286622	11
1436837_at	–0.28	–1.58	*Mael*	maelstrom homolog (Drosophila)	98558	Mm.26189	1
1454136_a_at	–0.88	–1.57	*4921524J17Rik*	RIKEN cDNA 4921524J17 gene	66714	Mm.272748	8
1447416_at	–0.63	–1.57	*Gm239*	gene model 239; (NCBI)	237558	Mm.336386	10
1451469_at	–0.33	–1.56	*D530005L17Rik*	RIKEN cDNA D530005L17 gene	338349	Mm.440562	4
1426999_at	–0.47	–1.56	*Zc3h14*	zinc finger CCCH type containing 14	75553	Mm.25549	12
1429749_at	–0.35	–1.54	*9330180L21Rik*	RIKEN cDNA 9330180L21 gene	77268	Mm.383254	14
1429441_at	–0.76	–1.54	*Fbxo30*	F-box protein 30	71865	Mm.276229	10
1439485_at	–0.06	–1.54	*Zfp608*	zinc finger protein 608	269023	Mm.192984	18
1428260_at	–0.40	–1.51	*Spg3a*	spastic paraplegia 3A homolog (human)	73991	Mm.291936	12
1458567_at	–0.77	–1.51	*D130017N08Rik*	RIKEN cDNA D130017N08 gene	320064	Mm.394666	5
1418260_at	–0.55	–1.51	*Hunk*	hormonally upregulated Neu-associated kinase	630567	Mm.125874	16
1455012_s_at	–0.46	–1.47	*Trim37*	tripartite motif protein 37	68729	Mm.17436	11
1428715_at	–0.39	–1.47	*2810423A18Rik*	RIKEN cDNA 2810423A18 gene	14583	Mm.19893	6
1424192_at	–0.77	–1.47	*1500011H22Rik*	RIKEN cDNA 1500011H22 gene	68948	Mm.455868	5
1434666_at	–0.87	–1.46	*LOC100048247*	similar to polycomb group ring finger 5	100048247	NA	19
1420870_at	–0.43	–1.46	*Mllt10*	myeloid/lymphoid or mixed lineage-leukemia translocation to 10 homolog (Drosophila)	17354	Mm.209175	2
1435116_at	–0.56	–1.45	*4933403G14Rik*	RIKEN cDNA 4933403G14 gene	74393	Mm.41709	8
1435798_a_at	–0.77	–1.44	*Sfrs14*	splicing factor; arginine/serine-rich 14	234373	Mm.284505	8
1434796_at	–0.22	–1.43	*Vamp4*	vesicle-associated membrane protein 4	53330	Mm.10699	1
1457982_at	–2.22	–1.42	*1700052M18Rik*	RIKEN cDNA 1700052M18 gene	78415	Mm.297760	11
1418010_a_at	–0.39	–1.40	*Sh3glb1*	SH3-domain GRB2-like B1 (endophilin)	54673	Mm.271775	3
1425203_at	–0.68	–1.40	*Ddx19b*	DEAD (Asp-Glu-Ala-Asp) box polypeptide 19b	234733	Mm.379399	8
1455078_at	–0.26	–1.40	*Ssh2*	slingshot homolog 2 (Drosophila)	237860	Mm.440666	11
1440509_at	–0.53	–1.40	*Sox30*	SRY-box containing gene 30	214105	Mm.66708	11
1448461_a_at	–0.36	–1.39	*Thoc7*	THO complex 7 homolog (Drosophila)	66231	Mm.295875	14
1451425_a_at	–0.13	–1.39	*Mkrn1*	makorin; ring finger protein; 1	54484	Mm.270484	6
1455176_a_at	–0.35	–1.38	*Syt11*	synaptotagmin XI	229521	Mm.379376	10
1445033_at	–0.47	–1.38	*Abca16*	ATP-binding cassette; sub-family A (ABC1); member 16	233810	Mm.334203	7
1434943_at	–0.63	–1.37	*BC023055*	cDNA sequence BC023055	226123	Mm.259441	19
1418682_at	–0.34	–1.37	*Adad1*	adenosine deaminase domain containing 1 (testis specific)	21744	Mm.8122	3
1439648_at	–0.37	–1.37	*Anln*	anillin; actin binding protein (scraps homolog; Drosophila)	68743	Mm.282751	9
1448787_at	**–0.17**	**–1.36**	***Moap1***	**modulator of apoptosis 1**	**64113**	**Mm.291222**	**12**
1451639_at	–0.43	–1.36	*Cebpg*	CCAAT/enhancer binding protein (C/EBP); gamma	12611	Mm.273090	7
1429167_at	–0.59	–1.36	*Ccdc112*	coiled-coil domain containing 112	240261	Mm.329416	18
1426052_at	–0.66	–1.36	*Mlh3*	mutL homolog 3 (E coli)	217716	Mm.311981	12
1460561_x_at	–0.40	–1.35	*Sepw1*	selenoprotein W; muscle 1	20364	Mm.42829	7
1435905_at	**–0.55**	**–1.35**	***D3Ertd300e/p38ip***	**DNA segment; Chr 3; ERATO Doi 300; expressed**	**56790**	**Mm.37356**	**3**
1452038_at	–0.26	–1.35	*Capza1*	capping protein (actin filament) muscle Z-line; alpha 1	12340	Mm.378893	1
1429451_at	–0.35	–1.35	*2610301B20Rik*	RIKEN cDNA 2610301B20 gene	67157	Mm.440552	4
1433663_s_at	–0.33	–1.35	*AU014645*	expressed sequence AU014645	433702	Mm.389536	4
1436899_at	–0.26	–1.34	*2700019D07Rik*	RIKEN cDNA 2700019D07 gene	72580	Mm.248081	10
1425485_at	–0.06	–1.34	*Mtmr6*	myotubularin related protein 6	219135	Mm.247007	14
1418362_at	–0.26	–1.33	*Zfp42*	zinc finger protein 42	22702	Mm.285848	8
1439541_at	**–0.53**	**–1.32**	***4930414L22Rik***	**RIKEN cDNA 4930414L22 gene**	**78108**	**Mm.440743**	**6**
1423327_at	**–0.49**	**–1.32**	***Rpl39l***	**ribosomal protein L39-like**	**68172**	**Mm.23690**	**16**
1454990_at	–0.36	–1.32	*Arid2*	AT rich interactive domain 2 (Arid-rfx like)	77044	Mm.17166	15
1436603_at	**–0.46**	**–1.32**	***Tbl2***	**transducin (beta)-like 2**	**27368**	**Mm.36746**	**5**
1420584_at	–0.54	–1.31	*Pla2g2c*	phospholipase A2; group IIC	18781	Mm.5189	4
1421576_at	–0.60	–1.31	*4930524B15Rik*	RIKEN cDNA 4930524B15 gene	67592	Mm.78654	11
1423775_s_at	–0.56	–1.30	*Prc1*	protein regulator of cytokinesis 1	233406	Mm.227274	7
1434327_at	–1.09	–1.29	*2610020H08Rik*	RIKEN cDNA 2610020H08 gene	434234	Mm.38237	7
1451465_at	–0.18	–1.29	*Ubl7*	ubiquitin-like 7 (bone marrow stromal cell-derived)	69459	Mm.41735	9
1435327_at	–0.19	–1.29	*AW112037*	expressed sequence AW112037	98667	Mm.354677	1
1423490_at	–0.75	–1.27	*Fbxo3*	F-box protein 3	57443	Mm.143768	2
1449861_at	–0.58	–1.27	*Nek4*	NIMA (never in mitosis gene a)-related expressed kinase 4	23955	Mm.251494	14
1416019_at	–0.12	–1.27	*Dr1*	down-regulator of transcription 1	13486	Mm.303534	5
1459275_at	–0.78	–1.27	*Rnf17*	ring finger protein 17	30054	Mm.287783	14

1443932_at	–0.65	–1.26	*Klhdc1*	kelch domain containing 1	271005	Mm.180969	12
1435379_at	–0.91	–1.26	*AK122209*	cDNA sequence AK122209	382038	Mm.334891	8
1443934_at	–0.57	–1.26	*9230110C19Rik*	RIKEN cDNA 9230110C19 gene	234912	Mm.172430	9
1440459_at	–1.23	–1.24	*Setx*	senataxin	269254	Mm.41867	2
1427707_a_at	–0.69	–1.24	*Stil*	Scl/Tal1 interrupting locus	20460	Mm.3988	4
1422430_at	–0.43	–1.24	*Fignl1*	fidgetin-like 1	60530	Mm.236114	11
1423707_at	–0.49	–1.21	*Tmem50b*	transmembrane protein 50B	77975	Mm.290341	16
1426271_at	–0.37	–1.21	*Smc5*	structural maintenance of chromosomes 5	226026	Mm.23267	19
1427197_at	–0.29	–1.19	*Atr*	ataxia telangiectasia and Rad3 related	245000	Mm.212462	9
1416260_a_at	**–0.51**	**–1.18**	***Snx1***	**sorting nexin 1**	**56440**	**Mm.271891**	**9**
1434016_at	–0.59	–1.18	*Znrf2*	zinc and ring finger 2	387524	Mm.286149	6
1417846_at	–0.33	–1.17	*Ulk2*	Unc-51 like kinase 2 (C. elegans)	29869	Mm.162025	11
1448584_at	–0.23	–1.17	*Rsrc1*	arginine/serine-rich coiled-coil 1	66880	Mm.316418	3
1428789_at	**–0.17**	**–1.16**	***Ralgps2***	**Ral GEF with PH domain and SH3 binding motif 2**	**78255**	**Mm.28376**	**1**
1426401_at	–0.11	–1.15	*Ppp3ca*	protein phosphatase 3; catalytic subunit; alpha isoform	19055	Mm.331389	3
1439547_at	–0.80	–1.15	*A930007A09Rik*	RIKEN cDNA A930007A09 gene	432999	Mm.60430	16
1434896_at	–0.18	–1.15	*Zfp422-rs1*	zinc finger protein 422; related sequence 1	77652	Mm.460572	17
1434161_at	–0.33	–1.13	*Lin52*	lin-52 homolog (C. elegans)	217708	Mm.311904	12
1428517_at	0.07	–1.12	*Wdfy3*	WD repeat and FYVE domain containing 3	72145	Mm.332522	5
1424410_at	–0.36	–1.12	*Ttc8*	tetratricopeptide repeat domain 8	76260	Mm.282660	12
1426645_at	**–0.24**	**–1.12**	***Hsp90aa1***	**heat shock protein 90kDa alpha (cytosolic); class A member 1**	**15519**	**Mm.341186**	**12**
1452907_at	–0.35	–1.11	*Galc*	galactosylceramidase	14420	Mm.5120	12
1455814_x_at	–0.54	–1.10	*Ddx39*	DEAD (Asp-Glu-Ala-Asp) box polypeptide 39	68278	Mm.28222	8
1433970_at	–0.38	–1.09	*Bola3*	bolA-like 3 (E. coli)	78653	Mm.391470	6
1452474_a_at	–0.23	–1.06	*Art3*	ADP-ribosyltransferase 3	109979	Mm.263514	5
1424156_at	–0.31	–1.06	*Rbl1*	retinoblastoma-like 1 (p107)	19650	Mm.244671	2
1432103_a_at	–0.40	–1.05	*Sh3gl3*	SH3-domain GRB2-like 3	20408	Mm.432002	7
1416544_at	–0.52	–1.04	*Ezh2*	enhancer of zeste homolog 2 (Drosophila)	14056	Mm.246688	6
1434353_at	–0.22	–1.04	*Sfmbt2*	Scm-like with four mbt domains 2	353282	Mm.329991	2
1422462_at	**–0.55**	**–1.03**	***Ube2t***	**ubiquitin-conjugating enzyme E2T (putative)**	**67196**	**Mm.284587**	**1**
1429678_at	–0.16	–1.03	*5730508B09Rik*	RIKEN cDNA 5730508B09 gene	70617	Mm.317049	3
1449345_at	–0.72	–1.03	*Ccdc34*	coiled-coil domain containing 34	68201	Mm.181767	2
1431648_at	–1.15	–1.03	*4930528F23Rik*	RIKEN cDNA 4930528F23 gene	75178	Mm.52592	17
1430825_at	2.47	–1.03	*E130102C15Rik*	RIKEN cDNA E130102C15 gene	77995	NA	X
1424388_at	–0.44	–1.03	*Cluap1*	clusterin associated protein 1	76779	Mm.458921	16
1454210_at	2.19	0.59	*4933428M09Rik*	RIKEN cDNA 4933428M09 gene	71248	Mm.158634	X
1441653_at	2.26	0.60	*D030022P06Rik/ Srcap*	Snf2-related CREBBP activator protein	100043597	Mm.458270	7
1432164_a_at	0.02	1.01	*Gcsh*	glycine cleavage system protein H (aminomethyl carrier)	68133	Mm.258462	8
1420611_at	0.37	1.02	*Prkacb*	protein kinase; cAMP dependent; catalytic; beta	18749	Mm.16766	3
1438391_x_at	0.21	1.05	*Hsd17b10*	hydroxysteroid (17-beta) dehydrogenase 10	15108	Mm.6994	X
1424951_at	0.39	1.07	*Baiap2l1*	BAI1-associated protein 2-like 1	66898	Mm.18814	5
1433757_a_at	0.72	1.07	*Nisch*	nischarin	64652	Mm.436702	14
1429895_at	0.28	1.07	*2310010G23Rik*	RIKEN cDNA 2310010G23 gene	69591	Mm.448753	X
1460649_at	0.24	1.09	*Irak1*	interleukin-1 receptor-associated kinase 1	16179	Mm.38241	X
1419040_at	0.14	1.09	*Cyp2d22*	cytochrome P450; family 2; subfamily d; polypeptide 22	56448	Mm.157435	15
1455121_at	0.34	1.10	*Lcor*	ligand dependent nuclear receptor corepressor	212391	Mm.459119	19
1449210_at	0.74	1.12	*Igf2bp1*	insulin-like growth factor 2 mRNA binding protein 1	140486	Mm.399906	11
1435903_at	0.52	1.12	*Cd300a*	CD300A antigen	217303	Mm.294439	11
1460591_at	0.04	1.12	*Esr1*	estrogen receptor 1 (alpha)	13982	Mm.9213	10
1448789_at	0.52	1.14	*Aldh1a3*	aldehyde dehydrogenase family 1; subfamily A3	56847	Mm.140988	7
1456567_x_at	0.42	1.18	*Grn*	granulin	14824	Mm.1568	11
1416344_at	0.21	1.19	*Lamp2*	lysosomal-associated membrane protein 2	16784	Mm.486	X

1428638_at	0.50	1.22	*Efhc2*	EF-hand domain (C-terminal) containing 2	74405	Mm.248531	X
1436347_a_at	0.36	1.22	*5530601H04Rik*	RIKEN cDNA 5530601H04 gene	71445	Mm.242968	X
1430732_at	2.07	1.23	*4921525D07Rik*	RIKEN cDNA 4921525D07 gene	70880	NA	1
1429007_at	0.38	1.23	*Slc35b2*	solute carrier family 35; member B2	73836	Mm.289716	17
1427410_at	0.65	1.30	*Dleu2*	deleted in lymphocytic leukemia; 2	328425	Mm.32886	14
1416918_at	0.72	1.33	*Dlg3*	discs; large homolog 3 (Drosophila)	53310	Mm.4615	X
1458765_at	2.40	1.34	*Rbm10*	RNA binding motif protein 10	236732	Mm.279194	X
1453361_at	0.61	1.51	*Hells*	helicase; lymphoid specific	15201	NA	19
1450017_at	0.44	1.57	*Ccng1*	cyclin G1	12450	Mm.2103	11
1427744_at	0.77	1.64	*Ccnb3*	cyclin B3	209091	Mm.448624	X
1419671_a_at	1.64	1.89	*Il17rc*	interleukin 17 receptor C	171095	Mm.213397	6
1453908_at	3.39	2.06	*Ptprb*	protein tyrosine phosphatase; receptor type; B	19263	Mm.37213	10
1458581_at	0.94	2.26	*Ust*	uronyl-2-sulfotransferase	553093	NA	10
1444595_at	0.82	2.30	*Zxda*	zinc finger; X-linked; duplicated A	668171	Mm.426134	X
1457442_at	1.79	2.30	*AW125324*	expressed sequence AW125324	104600	Mm.383771	11
1446298_at	0.33	2.35	*C630016I17Rik*	RIKEN cDNA C630016I17 gene	320000	NA	12
1458007_at	2.33	2.41	*Myo1b*	myosin IB	17912	Mm.3390	1
1420551_at	0.44	3.21	*2310039E09Rik*	RIKEN cDNA 2310039E09 gene	68016	Mm.133444	4
1454318_at	0.96	3.32	*2810403D21Rik*	RIKEN cDNA 2810403D21 gene	69964	Mm.160066	X

Bold text represents transcripts that were ChIPed with anti-MYBL1 antibody.