

Supplemental Table 3. Stem/Progenitor Cluster 2 (Cr > Bu, 389 probesets)

Probeset	Accession #	Gene	Description	S&P 1 ^a (88)	Lemischka + Melton ^b			Shima et al. ^c	Oatley et al. ^d	Wang et al. ^e	RNA
					HSC (2598)	NSC (3036)	ESC (2176)	Spermatogonia (6102)	Cultured SSCs (4889)	Spermatogonia (13)	Binding ^f (284)
101882_s_at	U03715	Col18a1	procollagen, type XVIII, alpha 1			X	X	X			
98783_at	Y15131	Rbmy1a1	RNA binding motif protein, Y chromosome, family 1, memt	X	X	X	X	X	X	X	X
100156_at	D26090	Mcm5	minichromosome maintenance deficient 5, cell division cyc			X	X	X			
102418_at	AA793009	Tex19	testis expressed gene 19			X	X	X	X		
102627_at	AF061569	Igf2bp1	insulin-like growth factor 2 mRNA binding protein 1	X	X	X	X				
95063_at	A1606257	Cdca7	cell division cycle associated 7	X			X	X			
93360_at	AF007267	Pmm1	phosphomannomutase 1			X		X			
98108_at	X15789	Crabp1	cellular retinoic acid binding protein I	X		X	X	X			
161396_f_at	AV271976	Ube2o	ubiquitin-conjugating enzyme E2O		X		X				
97519_at	X13986	Spp1	secreted phosphoprotein 1			X	X	X			
101445_at	AF036008	Dnmt1	DNA methyltransferase (cytosine-5) 1			X	X	X			
103201_at	M86377	Ttk	Ttk protein kinase			X	X	X			
92290_at	Z19580	Siah1b	seven in absentia 1B	X		X	X	X			
94750_at	U46694	Dazl	deleted in azoospermia-like			X	X	X	X		X
93228_at	U25691	Hells	helicase, lymphoid specific		X	X	X				
101194_at	Z75287	Stra8	stimulated by retinoic acid gene 8			X	X		X		
160905_s_at	A1840713	A030009H04Rik	RIKEN cDNA A030009H04 gene			X	X	X			
101883_s_at	L22977	Xlr3a /// Xlr3b /// 1	X-linked lymphocyte-regulated 3A /// X-linked lymphocyte-	X		X	X	X			
99564_at	D87908	Uhrf1	ubiquitin-like, containing PHD and RING finger domains, 1			X	X	X			
92607_at	AF017994	Mest	mesoderm specific transcript	X		X	X	X			
104097_at	AF002823	Bub1	budding uninhibited by benzimidazoles 1 homolog (S. cere			X	X	X			
96591_at	U24703	Reln	reelin				X	X			
94939_at	X97227	Cd53	CD53 antigen								
161787_f_at	AV363418	Cdt1	chromatin licensing and DNA replication factor 1	X		X	X				
103080_at	U15635	Samhd1	SAM domain and HD domain, 1				X	X			
97820_at	AB027012	Galk1	galactokinase 1			X	X	X			
104036_at	A1845447	Dpp7	dipeptidylpeptidase 7				X	X			
93397_at	U56819	Ccr2	chemokine (C-C motif) receptor 2	X							
94743_f_at	M29009	LOC214403	complement factor H-related protein	X							
160159_at	X64713	Ccnb1-rs1 /// Ccn	cyclin B1, related sequence 1 /// cyclin B1			X	X	X			
97994_at	A1019193	Tcf7	transcription factor 7, T-cell specific			X	X	X			
92180_at	A1851599	H1fx	H1 histone family, member X			X	X	X			
100479_at	AA756653	Dnmt3a	DNA methyltransferase 3A	X		X	X				
103238_at	M89797	Wnt4	wingless-related MMTV integration site 4								
103418_at	AW122092	Rfc4	replication factor C (activator 1) 4			X	X	X			
103545_at	AA240695	2610019E17Rik	RIKEN cDNA 2610019E17 gene		X		X				
104388_at	U49513	Ccl9	chemokine (C-C motif) ligand 9					X			
96169_at	AA683788	Sall4	Sal-like 4 (Drosophila)	X		X	X	X	X		
93497_at	K02782	C3	complement component 3				X				
99641_at	AW121364	Dnbdd2	dysbindin (dystrobrevin binding protein 1) domain containi			X		X			
92208_at	A1152966	C1qdc1	C1q domain containing 1	X	X		X	X			
98071_f_at	X77731	Dck	deoxycytidine kinase			X	X	X			
160702_at	AA791885	Rbm35a	RNA binding motif protein 35A	X			X	X			
104527_at	D13803	Rad51	RAD51 homolog (S. cerevisiae)			X	X	X			
101753_s_at	X51547	Lyzs /// Lzp-s	lysozyme /// P lysozyme structural								
100024_at	A1641895	Shrm	shroom		X	X	X	X			
102764_at	M36387	Trap1a	tumor rejection antigen P1A		X	X	X	X			
103301_i_at	AA866668	Sox3	SRY-box containing gene 3	X		X	X	X			
92692_at	D88539	Sycp1	synaptonemal complex protein 1			X	X	X	X		
103212_at	A1314784	Cdca7l	cell division cycle associated 7 like		X	X	X	X			
97206_at	AW230369	Spint1	serine protease inhibitor, Kunitz type 1			X	X	X			
103057_at	AF024570	Pold1	polymerase (DNA directed), delta 1, catalytic subunit			X	X	X			
101853_f_at	M12660	Cfh	complement component factor h	X							
160819_at	AW121600	Ndrg4	N-myc downstream regulated gene 4			X	X	X			
96784_at	AW123269	Anln	anillin, actin binding protein (scraps homolog, Drosophila)			X	X	X			
101884_at	A1451153	Xlr4a	X-linked lymphocyte-regulated 4A			X	X	X			
99632_at	U83902	Mad21	MAD2 (mitotic arrest deficient, homolog)-like 1 (yeast)			X	X	X			
98807_at	L10666	Gnat2	guanine nucleotide binding protein, alpha transducing 2			X	X	X			
94761_at	X70058	Ccl7	chemokine (C-C motif) ligand 7	X		X	X				
161968_f_at	AV370035	Ccr5	chemokine (C-C motif) receptor 5	X							
161856_f_at	AV059766	Kif20a	kinesin family member 20A			X	X				
104116_at	AW124049	D5Ert593e	DNA segment, Chr 5, ERATO Doi 593, expressed	X	X		X				
93112_at	D86725	Mcm2	minichromosome maintenance deficient 2 mitotin (S. cerev	X		X	X	X			
100465_i_at	AA655823	Gm1673	gene model 1673, (NCBI)		X	X	X				
104576_at	AW212397	Ski	Sloan-Kettering viral oncogene homolog	X	X		X	X			

93371_at	U88064	Bnc1	basonuclin 1			X			X	X		
96047_at	U63146	Rbp4	retinol binding protein 4, plasma	X					X	X		
101160_at	X53798	Cxcl2	chemokine (C-X-C motif) ligand 2	X					X			
93441_at	AI595322	2700099C18Rik	RIKEN cDNA 2700099C18 gene			X			X			
100325_at	M65027	Gp49a	glycoprotein 49 A	X					X	X		
92291_f_at	M29008	Cfhr1	complement factor H-related 1	X								
97444_at	AI844520	Ifi30	interferon gamma inducible protein 30	X					X	X		
93028_at	X58196	H19	H19 fetal liver mRNA	X		X	X		X	X		
102710_at	AF020313	Apbb1ip	amyloid beta (A4) precursor protein-binding, family B, men	X		X			X			
160501_at	Y09632	Kif20a	kinesin family member 20A				X	X	X	X		
97356_at	AI839653	1810008O21Rik	RIKEN cDNA 1810008O21 gene	X								X
104680_at	AJ250489	Ramp1	receptor (calcitonin) activity modifying protein 1	X		X						
99578_at	U01915	Top2a	topoisomerase (DNA) II alpha						X	X		
161984_f_at	AV234303	Col3a1	procollagen, type III, alpha 1	X					X			
96020_at	M22531	C1qb	complement component 1, q subcomponent, beta polypep									
101676_at	U13705	Gpx3	glutathione peroxidase 3									
104374_at	M64086	Serpina3n	serine (or cysteine) peptidase inhibitor, clade A, member 3									
94162_at	D14859	Ddx4	DEAD (Asp-Glu-Ala-Asp) box polypeptide 4				X		X		X	X
100611_at	M21050	Lyzs	lysozyme						X			
161698_f_at	AV232762	Rprc1	arginine/proline rich coiled-coil 1	X		X			X			
100397_at	AF024637	Tyrobp	TYRO protein tyrosine kinase binding protein	X								
98817_at	Z29532	Fst	folliculin	X							X	
102736_at	M19681	Ccl2	chemokine (C-C motif) ligand 2				X		X			
102348_at	AI551087	LOC432823	similar to hypothetical protein MGC37588						X	X		
94982_f_at	AI852470	Nme3	expressed in non-metastatic cells 3	X		X			X			
98587_at	X61449	Nap11l	nucleosome assembly protein 1-like 1				X	X	X	X		
92202_g_at	AI553024	Zbtb16	zinc finger and BTB domain containing 16						X	X		
103033_at	X06454	C4b /// C4a /// LC	complement component 4B (Childo blood group) /// compl	X		X			X			
103075_at	M34381	Pou5f1	POU domain, class 5, transcription factor 1	X			X		X	X		
99571_at	AW012588	Acaa1b	acetyl-Coenzyme A acyltransferase 1B						X	X		
103644_at	D13139	Dpep1	dipeptidase 1 (renal)									
160420_r_at	M13442	Tuba3	tubulin, alpha 3			X		X	X		X	
160890_at	AW214587	Lbr	lamin B receptor						X	X		
162483_f_at	AV112006	Col18a1	Procollagen, type XVIII, alpha 1	X			X		X			
104544_at	AA675604	4930517K11Rik	RIKEN cDNA 4930517K11 gene					X	X	X		X
100955_at	AA989957	Ube2t	ubiquitin-conjugating enzyme E2T (putative)			X	X	X	X	X		
160583_at	AA880988	Xlkd1	extra cellular link domain-containing 1									
98045_s_at	U18869	Dab2	disabled homolog 2 (Drosophila)				X		X	X		
101019_at	U74683	Ctsc	cathepsin C	X			X		X			
99457_at	X82786	Mki67 /// LOC638	antigen identified by monoclonal antibody Ki 67 /// similar t				X		X	X		
103981_at	AI842281	U2af1-rs2	U2 small nuclear ribonucleoprotein auxiliary factor (U2AF)	X		X	X		X	X		X
100998_at	M21932	H2-Ab1	histocompatibility 2, class II antigen A, beta 1									
95139_at	AW122075	Wipi2	WD repeat domain, phosphoinositide interacting 2			X			X			
98562_at	X58861	C1qa	complement component 1, q subcomponent, alpha polype									
94387_at	AF016544	Spata5	spermatogenesis associated 5				X	X	X	X		
97445_at	AW122022	Ppid	peptidylprolyl isomerase D (cyclophilin D)			X	X	X	X			
97487_at	X70296	Serpine2	serine (or cysteine) peptidase inhibitor, clade E, member 2	X			X		X	X		
92617_at	X62581	Ube1y1	ubiquitin-activating enzyme E1, Chr Y 1					X	X	X		
99638_at	D17546	Col18a1	procollagen, type XVIII, alpha 1			X		X	X	X		
92223_at	X66295	C1qc	complement component 1, q subcomponent, C chain									
92633_at	AJ242663	Ctsz	cathepsin Z						X	X		
160648_at	AI047076	Figl1	figetin-like 1				X	X	X	X		
101464_at	V00755	Timp1	tissue inhibitor of metalloproteinase 1					X	X	X		
160068_at	AF075136	Sap30	sin3 associated polypeptide				X	X	X	X		
97295_at	AW122331	Cdca8	cell division cycle associated 8				X		X	X		
103899_at	AA690863	Atp11a	ATPase, class VI, type 11A				X		X	X		
161006_at	AI853978	Slco3a1	solute carrier organic anion transporter family, member 3a			X			X			
104263_at	AA914734	Zmym6	zinc finger, MYM-type 6			X	X		X			
92665_f_at	X07967	Xlr /// 3830403N1	X-linked lymphocyte-regulated complex /// RIKEN cDNA 3						X	X		
104237_at	AI838071	Pcbd2	pterin 4 alpha carbinolamine dehydratase/dimerization cof	X						X		
96779_f_at	AI846315	2410022L05Rik	RIKEN cDNA 2410022L05 gene			X	X	X	X	X		
95471_at	U22399	Cdkn1c	cyclin-dependent kinase inhibitor 1C (P57)			X		X	X	X		
94805_f_at	M33988	Hist3h2a /// Hist1	histone 3, H2a /// histone 1, H2ac /// histone 1, H2ad /// his						X			
104719_at	AI182203	Slc12a7	solute carrier family 12, member 7			X			X	X		
104155_f_at	U19118	Atf3	activating transcription factor 3			X	X		X			
92306_at	X96603	Ott /// LOC38224	ovary testis transcribed /// similar to ovary testis transcribe			X		X	X	X		X
98136_at	AF031486	Sms /// LOC6718	spermine synthase /// similar to Spermine synthase (Sperr				X	X	X	X		
93538_at	AW228036	Ttrap	Traf and Tnf receptor associated protein	X			X	X	X	X		
101948_at	X05212	Lamb1-1	laminin B1 subunit 1					X	X	X		
160682_at	AI851770	C330011F01Rik ; RIKEN cDNA C330011F01 gene /// RIKEN cDNA 643070f							X	X		

100574_f_at	L09104	Gpi1	glucose phosphate isomerase 1					X	X	
92590_at	U12791	Hmgcs2	3-hydroxy-3-methylglutaryl-Coenzyme A synthase 2							
96319_at	AW061324	Cdc20	cell division cycle 20 homolog (S. cerevisiae)		X	X		X	X	
96244_at	AB025313	Uchl1	ubiquitin carboxy-terminal hydrolase L1		X	X		X	X	
96726_at	AW049619	Cdk8	cyclin-dependent kinase 8		X	X		X	X	
101881_g_at	L22545	Col18a1	procollagen, type XVIII, alpha 1		X	X	X	X	X	
96818_at	AA762522	Dtx2	deltex 2 homolog (Drosophila)		X			X		
103302_r_at	AA866668	Sox3	SRY-box containing gene 3			X		X	X	
94034_at	A1839882	Rexo2	REX2, RNA exonuclease 2 homolog (S. cerevisiae)			X	X	X	X	
92925_at	M61007	Cebpβ	CCAAT/enhancer binding protein (C/EBP), beta		X			X	X	
98996_at	L29480	Plk4	polo-like kinase 4 (Drosophila)			X	X	X	X	
98988_at	AA614971	Nfkbiz	nuclear factor of kappa light polypeptide gene enhancer in		X			X	X	
98623_g_at	X71922	Igf2	insulin-like growth factor 2				X	X		
104337_f_at	AW208938	Pkp2	plakophilin 2	X	X	X		X	X	
97421_at	U42385	Smc2l1	SMC2 structural maintenance of chromosomes 2-like 1 (ye			X	X	X	X	
98129_at	A1852553	Tmsb10	thymosin, beta 10		X	X		X	X	
96628_at	X54327	Eprs /// LOC6336	glutamyl-prolyl-tRNA synthetase /// similar to Bifunctional ε		X	X	X	X	X	
97013_f_at	AW046124	Cyba	cytochrome b-245, alpha polypeptide					X		
93750_at	J04953	Gsn	gelsolin					X	X	
101869_s_at	J00413	Hbb-b1 /// Hbb-b2	hemoglobin, beta adult major chain /// hemoglobin, beta ac					X		
104156_r_at	U19118	Atf3	activating transcription factor 3	X	X			X		
92458_at	AJ003133	Orc1	origin recognition complex, subunit 1-like (S.cerevisiae)			X	X	X	X	
160749_at	A1846812	1500011H22Rik	RIKEN cDNA 1500011H22 gene		X			X	X	
93041_at	D26089	Mcm4	minichromosome maintenance deficient 4 homolog (S. cer	X		X	X	X	X	
103534_at	V00722	Hbb-b2	hemoglobin, beta adult minor chain	X				X		
103081_at	AA863928	Baz1b	bromodomain adjacent to zinc finger domain, 1B	X				X	X	
101130_at	X58251	Col1a2	procollagen, type I, alpha 2				X	X	X	
93008_at	AW120557	Lsm4	LSM4 homolog, U6 small nuclear RNA associated (S. cere			X		X	X	X
98627_at	X81580	Igfbp2	insulin-like growth factor binding protein 2			X	X	X	X	
160827_at	A1835968	Rin2	Ras and Rab interactor 2		X			X		
100576_at	U57746	Pafah1b3	platelet-activating factor acetylhydrolase, isoform 1b, alpha			X		X	X	
162263_f_at	AV357656	Lamb1-1	laminin B1 subunit 1			X	X	X		
103904_at	X81584	Igfbp6	insulin-like growth factor binding protein 6					X	X	
96083_s_at	A1226368	Hnrpd1	heterogeneous nuclear ribonucleoprotein D-like	X				X	X	X
103449_at	AA795923	Lsm14b	LSM14 homolog B (SCD6, S. cerevisiae)	X		X		X	X	
100134_at	X77952	Eng	endoglin		X			X		
95034_f_at	AW212243	Ipo4	importin 4		X			X	X	
94305_at	U03419	Col1a1	procollagen, type I, alpha 1					X	X	
100607_at	AF026124	Pld3	phospholipase D family, member 3		X			X		
98092_at	AA790307	Plac8	placenta-specific 8	X				X		
160171_f_at	A1854821	Acot9	acyl-CoA thioesterase 9				X	X	X	
94510_at	A1853476	Wdr77	WD repeat domain 77			X	X	X	X	
96886_at	AW060556	Stab1	stabilin 1	X				X		
99081_at	AF010254	Serping1	serine (or cysteine) peptidase inhibitor, clade G, member 1		X			X	X	
98543_at	AJ223208	Ctss	cathepsin S					X		
94781_at	V00714	Hba-a1	hemoglobin alpha, adult chain 1					X		
93294_at	M70642	Ctgf	connective tissue growth factor				X	X		
94294_at	X66032	Ccnb2	cyclin B2			X		X	X	
102292_at	U00937	Gadd45a	growth arrest and DNA-damage-inducible 45 alpha				X	X	X	
161214_r_at	AV265258	BC037034	cDNA sequence BC037034		X			X		
162206_f_at	AV374868	Socs3	suppressor of cytokine signaling 3		X			X		
103789_at	A1854614	Brd4	bromodomain containing 4					X		
160633_at	U89876	Thoc4	THO complex 4			X		X	X	X
97336_at	AJ131851	Ctsf	cathepsin F		X			X		
104311_at	AW125241	Ubx2	UBX domain containing 2		X	X		X	X	
103707_at	U77461	C3ar1	complement component 3a receptor 1					X		
99537_at	AF100694	Ruvb1	RuvB-like protein 1			X	X	X	X	
160458_at	A1853261	Mcam	melanoma cell adhesion molecule	X				X	X	
93319_at	U20238	Rasa3	RAS p21 protein activator 3		X	X		X	X	
94367_at	A1850362	Uck2	uridine-cytidine kinase 2		X		X	X	X	
93356_at	D26091	Mcm7	minichromosome maintenance deficient 7 (S. cerevisiae)			X		X	X	
102317_at	AF061516	Vamp4	vesicle-associated membrane protein 4			X		X	X	
101487_f_at	U47737	Ly6e	lymphocyte antigen 6 complex, locus E					X		
101947_at	AB028921	Akap8l	A kinase (PRKA) anchor protein 8-like		X			X	X	
95627_at	AW046038	Wwtr1	WW domain containing transcription regulator 1	X				X	X	
93270_at	A1839918	Gars	glycyl-tRNA synthetase		X	X	X	X	X	
97527_at	AA681998	Cks2	CDC28 protein kinase regulatory subunit 2			X	X	X	X	
93999_at	AW060597	Snrpg /// LOC666	small nuclear ribonucleoprotein polypeptide G /// similar to			X	X	X	X	X
96625_at	AW123132	Wdhd1	WD repeat and HMG-box DNA binding protein 1			X		X	X	
104354_at	X06368	Csf1r	colony stimulating factor 1 receptor					X		

160426_at	D31966	Rpo1-1	RNA polymerase 1-1				X	X	X	X	
96891_at	A1842771	Anp32b /// LOC6: acidic nuclear phosphoprotein 32 family, member B /// sim		X			X		X	X	
97750_at	X06406	Rpsa	ribosomal protein SA	X					X	X	
94240_i_at	L08651	Rpl29 /// LOC240	ribosomal protein L29 /// similar to 60S ribosomal protein L							X	
161514_at	AV170770	---	---				X	X	X		
94954_at	A1846628	Anapc4	anaphase promoting complex subunit 4	X	X	X			X	X	
96038_at	A1840339	Rnase4	ribonuclease, RNase A family 4						X	X	
103051_at	X93037	Expi	extracellular proteinase inhibitor			X					
103277_s_at	AF071310	Med12	mediator of RNA polymerase II transcription, subunit 12 hc			X			X	X	
103016_s_at	X68273	Cd68	CD68 antigen	X					X	X	
96138_at	AA682129	Mars	methionine-tRNA synthetase	X		X	X		X	X	
97199_at	A1854767	Rbm12 /// Cpne1	RNA binding motif protein 12 /// copine 1	X					X	X	X
95641_at	A1853899	Plac9	placenta specific 9	X	X		X				
94285_at	X00958	H2-Eb1	histocompatibility 2, class II antigen E beta								
98624_at	X75316	Rnpc1	RNA-binding region (RNP1, RRM) containing 1	X	X				X	X	X
92232_at	U88328	Socs3	suppressor of cytokine signaling 3			X	X	X	X	X	
92539_at	M16465	S100a10	S100 calcium binding protein A10 (calpactin)						X	X	
94932_at	M29464	Pdgfra	platelet derived growth factor, alpha			X			X	X	
99475_at	U88327	Socs2	suppressor of cytokine signaling 2	X	X	X	X		X		
93987_f_at	AW121568	Rpl221	ribosomal protein L22 like 1						X	X	
98059_s_at	D49733	Lmna	lamin A	X	X		X		X	X	
98088_at	X13333	Cd14	CD14 antigen	X					X		
100720_at	X65553	Pabpc1	poly A binding protein, cytoplasmic 1			X			X	X	X
104738_at	D63784	Dnajc2	DnaJ (Hsp40) homolog, subfamily C, member 2			X	X	X	X	X	
101093_at	M15832	Col4a1	procollagen, type IV, alpha 1			X			X	X	
94466_f_at	U19891	Cebpz	CCAAT/enhancer binding protein zeta			X	X	X	X	X	
95791_s_at	U14648	Sfrs2	splicing factor, arginine/serine-rich 2 (SC-35)	X	X	X	X	X	X	X	X
160503_at	Z22593	Fbl	fibrillarin			X	X		X	X	X
97923_at	AW046532	Herc1	hect (homologous to the E6-AP (UBE3A) carboxyl terminu			X			X	X	
104524_at	A1842825	Gltp	glycolipid transfer protein	X					X		
98564_f_at	U67770	Rps26	ribosomal protein S26						X	X	
92794_f_at	M35970	Nme1	expressed in non-metastatic cells 1, protein	X		X			X		
94354_at	A1845514	Abca1	ATP-binding cassette, sub-family A (ABC1), member 1			X	X		X	X	
97446_at	AW125010	Dhx30	DEAH (Asp-Glu-Ala-His) box polypeptide 30			X			X	X	
103916_at	A1850713	8430420C20Rik	RIKEN cDNA 8430420C20 gene	X	X				X		
99101_at	AB012580	Eif3s7	eukaryotic translation initiation factor 3, subunit 7 (zeta)			X			X	X	
102255_at	AB015978	Osmr	oncostatin M receptor						X	X	
97426_at	X98471	Emp1	epithelial membrane protein 1			X		X	X	X	
95944_at	AV299153	Dhx36	DEAH (Asp-Glu-Ala-His) box polypeptide 36	X					X	X	
97200_f_at	X65704	Snrpe	small nuclear ribonucleoprotein E						X	X	X
96605_at	A1787183	0610011104Rik	RIKEN cDNA 0610011104 gene			X	X				
100468_g_at	X57687	Lyl1	lymphoblastomic leukemia	X	X				X		
94817_at	X60676	Serpinh1	serine (or cysteine) peptidase inhibitor, clade H, member 1			X	X	X	X	X	
104126_at	A1854864	Cstf2t	cleavage stimulation factor, 3' pre-RNA subunit 2, tau			X	X		X	X	X
93994_at	AW212131	Chpt1	choline phosphotransferase 1			X			X	X	
95616_at	AA674714	Crsp3	cofactor required for Sp1 transcriptional activation, subunit			X	X	X	X	X	
98331_at	X52046	Col3a1	procollagen, type III, alpha 1			X			X	X	
93534_at	X53929	Dcn	decorin					X	X		
100941_at	AF039567	Pias2	protein inhibitor of activated STAT 2			X	X		X		
94839_at	M96823	Nucb1	nucleobindin 1	X	X				X	X	
101890_f_at	U53208	Dnajc2	DnaJ (Hsp40) homolog, subfamily C, member 2			X	X	X	X	X	
101440_at	AW047074	2900006F19Rik	RIKEN cDNA 2900006F19 gene			X	X		X	X	
98346_at	A1593759	Lrrc54	leucine rich repeat containing 54	X	X	X	X		X		
93295_at	Z31555	Cct5	chaperonin subunit 5 (epsilon)			X	X		X	X	
95707_at	AA615853	2900010M23Rik	RIKEN cDNA 2900010M23 gene			X			X	X	
101065_at	X57800	Pcna	proliferating cell nuclear antigen			X			X	X	
92632_at	A1842328	Calm3	calmodulin 3						X	X	
102409_at	AW046963	Lsm8	LSM8 homolog, U6 small nuclear RNA associated (S. cere				X	X	X	X	X
95715_at	AW125739	Eif3s12	eukaryotic translation initiation factor 3, subunit 12			X			X	X	
100957_at	AA881160	Ssbp1	single-stranded DNA binding protein 1	X		X	X		X	X	
93500_at	M63245	Alas1	aminolevulinic acid synthase 1						X	X	
101054_at	X00496	Cd74	CD74 antigen (invariant polypeptide of major histocompati								
92577_f_at	AW047116	Rpl37	ribosomal protein L37						X	X	X
160482_at	A1841705	Acaa1a	acetyl-Coenzyme A acyltransferase 1A						X	X	
160603_at	AF000294	Pparbp	peroxisome proliferator activated receptor binding protein						X	X	
95430_f_at	A1854154	Spg21	spastic paraplegia 21 homolog (human)						X		
95732_at	AW047746	Sf3b5	splicing factor 3b, subunit 5			X			X	X	
160150_f_at	AW125626	Cnn3	calponin 3, acidic			X			X	X	
95058_f_at	AW121984	Brp44	brain protein 44						X	X	
96698_at	A1835520	Psmd5	proteasome (prosome, macropain) 26S subunit, non-ATPz			X	X		X	X	

95586_at	AF089751	P2rx4	purinergic receptor P2X, ligand-gated ion channel 4				X			
103342_at	U78103	Eed	embryonic ectoderm development			X	X	X	X	X
95282_at	J04633	Hsp90aa1	heat shock protein 90kDa alpha (cytosolic), class A memb				X	X	X	X
100030_at	D44464	Upp1	uridine phosphorylase 1		X	X	X			
96212_at	A1853918	Z310061104Rik	RIKEN cDNA Z310061104 gene					X	X	
94516_f_at	M55181	Penk1	preproenkephalin 1					X	X	
94024_at	AA671429	Cdt1	chromatin licensing and DNA replication factor 1	X				X	X	
160182_at	A1846595	Sfrs6	splicing factor, arginine/serine-rich 6	X	X	X	X	X	X	X
99602_at	AF064088	Klf10	Kruppel-like factor 10			X		X	X	
103910_at	AJ249987	Taf10	TAF10 RNA polymerase II, TATA box binding protein (TBF					X	X	
104549_at	A1844761	Aqr	aquarius			X	X	X	X	
100578_at	M33934	Impdh2	inosine 5'-phosphate dehydrogenase 2			X	X	X	X	
100732_at	X73829	Rps8	ribosomal protein S8	X				X	X	
93968_at	AA870917	Pdcd5	programmed cell death 5			X	X	X	X	
93078_at	X04653	Ly6a	lymphocyte antigen 6 complex, locus A		X				X	
92777_at	M32490	Cyr61	cysteine rich protein 61			X	X	X	X	
101137_at	X76772	Rps3	ribosomal protein S3					X	X	X
98934_at	A1847513	O610007P06Rik	RIKEN cDNA O610007P06 gene	X			X	X	X	
95634_at	A1848107	O610010K14Rik	RIKEN cDNA O610010K14 gene			X	X	X	X	
96813_f_at	A1852973	Otud5	OTU domain containing 5		X			X		
100144_at	X07699	Ncl	nucleolin			X		X	X	X
92829_at	U09659	Hspe1	heat shock protein 1 (chaperonin 10)			X	X	X	X	
94810_at	X79233	Ewsr1	Ewing sarcoma breakpoint region 1					X	X	X
160102_at	Z37164	Cct8	chaperonin subunit 8 (theta)			X	X	X	X	
160975_at	A1504338	---	Transcribed locus		X	X	X	X	X	
97305_at	AW123267	Nip7	nuclear import 7 homolog (S. cerevisiae)			X	X	X	X	X
101510_at	AB007136	Psme1	proteasome (prosome, macropain) 28 subunit, alpha	X				X	X	
161327_f_at	AV104703	Rpl10a /// LOC54	ribosomal protein L10A /// similar to ribosomal protein L10;		X			X		
160230_at	A1852363	Cox17	cytochrome c oxidase, subunit XVII assembly protein hom		X			X	X	
93089_at	X12507	Eif4a2	eukaryotic translation initiation factor 4A2	X			X	X	X	X
96883_at	U70733	Eif3s4	eukaryotic translation initiation factor 3, subunit 4 (delta)			X		X	X	X
103312_f_at	AW047929	Z610101J03Rik	RIKEN cDNA Z610101J03 gene	X	X	X	X	X	X	
95657_f_at	AW125164	D13Wsu177e	DNA segment, Chr 13, Wayne State University 177, expe	X				X		
93323_at	AB031292	Plp2	proteolipid protein 2					X	X	
95653_at	A1841323	Mrpl37	mitochondrial ribosomal protein L37			X	X	X	X	
104069_at	A1852737	Spats2	spermatogenesis associated, serine-rich 2			X	X	X	X	
99778_at	AU020239	Snora65 /// Rpl12	small nucleolar RNA, H/ACA box 65 /// ribosomal protein L					X		
161068_at	AW123574	Fmr1nb	fragile X mental retardation 1 neighbor			X		X		
98111_at	L40406	Hsp110	heat shock protein 110			X		X	X	
103099_f_at	A1663971	Cxxc1	CXXC finger 1 (PHD domain)					X		
92366_at	U12147	Lama2	laminin, alpha 2			X		X		
103861_s_at	AA388099	D7Wsu128e	DNA segment, Chr 7, Wayne State University 128, expres			X	X	X	X	
94967_at	A1851365	D19Wsu12e	DNA segment, Chr 19, Wayne State University 12, expres			X		X	X	
160293_at	A1839817	Wdr61	WD repeat domain 61			X	X	X	X	
96652_at	A1849911	Mrpl28	mitochondrial ribosomal protein L28	X				X	X	
98463_at	AW124186	Smarca4	SWI/SNF related, matrix associated, actin dependent regu			X		X	X	
95049_at	A1837853	Snrpd2	small nuclear ribonucleoprotein D2					X	X	X
161400_f_at	AV276050	Rpn1	ribophorin I					X		
96653_at	A1851762	Rnaset2	ribonuclease T2					X	X	X
93328_at	X57437	Hdc	histidine decarboxylase					X		
96307_s_at	AW121947	Z1100001122Rik	RIKEN cDNA Z1100001122 gene					X	X	
96858_at	AF100927	Pdcd8	programmed cell death 8			X	X	X	X	
103784_at	A1550305	Gemin5	gem (nuclear organelle) associated protein 5	X				X		
160614_at	U92437	Pten	phosphatase and tensin homolog					X	X	
97758_at	AB023564	Prdx1	peroxiredoxin 1			X	X	X	X	
96710_at	A1854262	H2afv	H2A histone family, member V	X	X			X	X	
97512_at	AW226650	Z2010107E04Rik	RIKEN cDNA Z2010107E04 gene			X	X	X	X	
98600_at	U41341	S100a11	S100 calcium binding protein A11 (calizzarin)					X	X	
97385_at	AJ242909	Nagk	N-acetylglucosamine kinase						X	
100727_at	X74856	Rpl28	ribosomal protein L28					X	X	
101011_at	L25913	Cct4	chaperonin subunit 4 (delta)			X	X	X	X	
101212_at	AF043285	Rps7	ribosomal protein S7					X	X	X
103726_at	A1842264	Yip5	Yip1 domain family, member 5			X		X		
104279_at	AW125116	Polr2f	polymerase (RNA) II (DNA directed) polypeptide F			X	X	X	X	
101059_at	D76440	Ndn	neudin		X	X	X	X	X	
93822_at	X73331	Rpl37a	ribosomal protein L37a			X		X	X	
99994_at	AF041376	Cidea	cell death-inducing DNA fragmentation factor, alpha subur			X	X	X		
104573_at	AA921069	Bola2	bolA-like 2 (E. coli)	X	X			X	X	
160256_at	AA611709	Tom7	translocase of outer mitochondrial membrane 7 homolog (X			X	X	
160335_at	U95053	Gclm	glutamate-cysteine ligase, modifier subunit		X	X	X	X		

