

## Supplemental Table S1. Array data for 156 transcripts (161 probe sets)

All probe sets on the arrays were scaled to a target intensity of 500 (GeneChip Operating Software 1.0).

### group 1

Probe Set	Common name	wt 1	wt 2	wt 3	SB 1	SB 2	SB 3	SP 1	SP 2	SP 3	U 1	U 2	U 3
1437502_x_at	Cd24a	74.4	123.7	158.3	125.2	437.8	698.2	58.9	426.7	410.2	78.9	140.3	185.1
1442362_at		1025	149.7	204.2	2293	670	683.4	3138	310.1	451.5	1132	280.9	155.1

### group 2

Probe Set	Common name	wt 1	wt 2	wt 3	SB 1	SB 2	SB 3	SP 1	SP 2	SP 3	U 1	U 2	U 3
1429169_at	2600016C11Rik	746.2	263.3	389.5	1991	813.5	282.5	1339	663.7	281.3	837.1	625.7	208.6
1425658_at	9930012E15Rik	6.9	49	69.8	79.3	97.3	153.1	12.1	62.6	85.5	22.4	34.4	59.1
1459701_x_at		46.7	19.4	28.4	44.7	86.8	70.9	24.4	27.7	24.8	38.4	33.1	8.9
1439165_at		139.7	170.5	99.5	124.8	336.9	207.8	1028	173.9	171.5	213.6	71.1	66.4
1441482_at	Map2k6	327.8	343	222.3	558.2	675	466.4	273.6	367.8	279.3	206.6	249.9	155.8
1451557_at	Tat	169.3	155.1	159	392	436.4	367.1	435.6	195.5	264.4	176	158.1	229.6
1420539_a_at	1810022C01Rik	105.1	15	15.4	113.5	55.8	82.6	120	59.3	65.5	132.8	56.5	102
1458089_at		161.4	7.5	29.4	222	59.4	88.1	108	34.5	9	256.9	50	40.6
1445952_at		415	5.3	22.6	125.5	117.3	105.7	214.5	51.7	99.1	375.5	5.1	53.7
1441370_at	3632431M01Rik	539.5	3.6	7.8	262	96.3	78	319.9	53.9	20.6	235.5	46	10.1
1444038_at		874.1	205.3	141.4	2045	562	290.6	973.9	170.7	250.9	575.2	250.9	307.1

### group 3

Probe Set	Common name	wt 1	wt 2	wt 3	SB 1	SB 2	SB 3	SP 1	SP 2	SP 3	U 1	U 2	U 3
1427170_at	2410072D24Rik	15.1	49.7	102	17.6	37.2	121.1	66.7	133.7	56.8	35.4	47.4	79.2
1428896_at	Pdgfrl	142.7	97.5	172.9	354.1	155.1	94.9	786.7	228.4	276.6	320.8	5	61.5
1444529_at	Eif1a	178.5	140.7	43.4	247.7	53	179.3	510.4	775.5	1079	128	106	25.1
1447227_at		104.1	66.9	39.3	80	100.5	3.3	260	191.2	195.6	141.7	103.5	141
1429378_x_at	Defcr-rs1	935	182.4	297.6	1414	306	263.2	1488	526.3	408.6	1051	318.8	279.4
1439670_at	Naalad2	430.8	200.5	358.3	345.1	122.6	199.5	1022	421	384.5	243.7	137.4	230.1
1451474_a_at	D13Ert275e	8.6	98.5	180.8	34.3	80.9	119.1	84.4	220.1	266	26.3	102	24.6
1451297_at	5730581M22	235	377.9	512.9	540	477.1	497.7	531.6	826.3	707.8	146.3	323.3	274.4
1457048_at	Gpr103	186.1	4.5	63.9	246.7	44.4	72.1	398.5	85.4	45.2	239.3	36.2	12
1427479_at	Eif1a	247.4	478	133.6	164.1	466.7	616.4	1073	5263	7781	237.3	476.2	245.7
1443600_at	AA414992	202	32.5	19	90.6	4.8	56.6	512.4	92	176.2	97.9	43.3	70.7
1456495_s_at	AI596402	81.8	156.4	133.6	63.3	163.4	118.2	182.8	273.7	364.1	89.6	108.5	177.5
1453369_a_at	1500005J14Rik	307.2	503.3	351.2	303.5	547.4	386.6	505	945.4	1808	257.4	384	421.7
1436905_x_at	Laptn5	118.3	696.9	660.5	61.2	211.8	384.1	370.4	1605	1576	98.5	467.2	742.9
1448573_a_at	Ceacam10	328.1	1027	607.6	573.5	905.9	693.7	780.7	1799	1565	500.6	1482	909.7
1452218_at	AU018638	84.4	360.5	292.9	138.3	418.6	340.8	193.6	587.4	692.8	173.5	252.8	259.5
1438840_x_at	Apoa1	166.6	518.5	190	132.3	20.5	75.1	824.9	1413	825.3	118.9	409	90.5
1417884_at	Slc16a6	77.4	210.6	258.6	145.6	373.6	331.3	189.5	339.6	558.5	165.5	376.5	133.2
1425947_at	Ifng	23.6	23.5	6.6	52.7	2.8	1.3	101	98.5	522.4	29.2	39.4	10.1
1459089_at		302.5	12.8	5.6	100.9	13.7	43.8	1516	96.1	581.8	110.9	20.2	18
1423390_at	Siah1a	87.1	254.7	185.8	141.7	238.6	73.7	199.4	186.5	623.1	107.3	225.5	201.6
1445849_at	A430089I19	214.4	146.1	33.1	90.2	32.7	24.5	3853	1015	2612	208.9	105.9	130.9
1425880_x_at	Zfp352	80.8	84.3	49.3	30.8	98.4	9.1	198.5	336.5	592.4	16.8	39.9	23.3
1444496_at		258.9	64.4	3.5	24.3	108.3	59.1	509.4	233.6	356	70.9	40.3	62.6
1435660_at		279.5	227.7	220.5	324.2	137.4	319.4	464.8	716.5	673.8	244.7	258.1	123.6
1425458_a_at	Grb10	513.3	560.2	932.1	490.8	773.3	742	1256	1642	2105	476.1	771.1	699.7
1425879_at	Zfp352	112.4	62.8	78.4	65.7	81.4	16.1	320.8	445.4	649.8	76.3	67.1	47.6
1429413_at	5730456K23Rik	1382	231.7	198.6	1203	397.6	396.1	2379	471.6	584.1	993.2	172.8	173.4
1438026_at	2310030G09Rik	2004	453.8	369.9	2354	419.9	467.7	2931	1060	1204	1168	449.5	247.9
1448272_at	Btg2	580.9	344.4	262.6	613.7	378.9	510.3	944.4	805.9	841.6	377.1	285.7	223.4
1450826_a_at	Saa3	1299	2331	1507	455.9	1247	1093	1156	4895	4231	968	2225	2541
1459923_at		21.7	48.9	6.4	42.1	42.2	58.5	33.8	159.7	115.3	22.1	64.3	7.9
1451751_at	1700037B15Rik	165.8	184.4	146	181.8	220.7	234.9	447	607.6	1172	179.2	128.9	132.8
1456493_at	5830484A20Rik	384	239.1	312	336.1	391.1	517.6	464.9	661.5	1105	261.7	323.9	313
1447963_at		29.3	32.5	2	14.6	18	33.7	37	125.3	245.2	25.7	2.6	3.1
1449540_at	Psx2	23.6	151.5	98.6	12.2	82.1	179.1	19	268	351.4	45.4	43.5	105.7
1449253_at	Smc1l2	6.7	17.9	51.7	7.1	21.1	5.5	21	137.7	208.8	6.6	10.7	3.3
1416776_at	Crym	72.8	82.3	102.6	18.2	76.9	64.7	104.9	355.4	202.1	132.1	189.7	134.1
1425160_at		86.6	109.9	135.8	54	65.9	105.7	182.1	435.5	541.3	41.6	112.1	136.3
1452405_x_at	A430107P09Rik	121.4	74.5	72.1	21.8	148.8	166.6	187	255.6	356	76.3	106.3	98.2
1423672_at	2510042P03Rik	68.7	103.8	114.4	63.6	166.8	110.9	64.4	308.3	607.2	71.6	102.3	141.2
1450869_at	Fgf1	130.7	26.9	66.9	99.8	54.6	97	177.4	165.8	211.4	111.1	38	36.3
1435906_x_at	Gbp2	30.3	30.7	8.3	21.6	24.3	19.1	44.9	98.3	77.7	28	53.6	15
1427005_at	Snk	89.4	74.2	74	67.7	75.8	158.8	347.7	484.1	570.9	38.6	64.4	20.7
1427115_at	Myh3	8	40.2	41.1	16.3	66.4	41.2	4.7	67.4	195.2	25.8	48.6	71.3
1450653_at	Spz1-pending	8.5	71.8	32.8	22.7	79.5	8.1	77.4	196.4	238.3	14.5	36.2	3.2
1435642_at	9630019K15Rik	77.6	60.4	9.2	461	74.9	85.5	494.8	163.5	223.9	76.9	55.3	75.4

1424536_at	Oas1e	502.7	8.8	8.2	175.8	60.1	121.2	217.5	159.5	258.6	194.8	66.9	113.5
1420729_at	Tcstv1-pending	19.1	50.9	15.6	28.6	74.7	53.4	102.1	242.5	374.7	23.2	22	6.8
1457033_at		266.2	184.8	60.3	226.7	42.7	96	8788	1395	3205	331.2	144.6	84.4
1416847_s_at	Oas1d	18	37	69.4	88.7	64.6	136.3	70	198.7	177.4	29.6	76.8	9.8
1425220_x_at		15.7	148.2	8.5	13.7	139.7	118	653.7	1137	2431	8.3	180.7	8.3
1453331_at	1700013H16Rik	290.7	152.9	98.8	255.1	72.7	97.1	749.7	288.5	436.2	289.1	166.5	201.2
1439771_s_at		202	49.7	71.3	137.9	113.9	115.2	692.2	665.8	683.4	107.7	57.6	116
1458564_at		243.5	96.9	71.3	309.5	85.6	93.3	2097	777.4	986	168.6	31.1	113.1
1455088_at		279.7	72.9	131.3	386	75.4	23.4	1174	279.1	740.3	105.2	112.9	71
1457407_at		73.3	62.9	37.2	144.4	67.3	17.5	881.5	190.9	451.7	267.8	44.8	76.2
1418550_x_at	Defcr-rs1	102.2	218.8	297.8	211.4	298.8	367	352.3	849.2	585.9	215.4	259.5	332.8
1451852_at	LOC236219	7.4	3.2	14.5	20.9	20.6	2.6	127.3	130.9	341.7	14.4	41.8	3.4
1444142_at		127.2	41.8	8.9	508.8	70.9	84.2	1550	270.2	874.9	143.8	135.2	46.9
1425427_at		3.9	150.7	3.5	3.1	82.6	41	102.7	544.8	938.9	2.8	7.9	107.6
1442334_at		333.7	105.1	37.4	323.1	19.3	67.6	5331	721.2	2099	344.9	132.6	61.3

group 4

Probe Set	Common name	wt 1	wt 2	wt 3	SB 1	SB 2	SB 3	SP 1	SP 2	SP 3	U 1	U 2	U 3
1436970_a_at	Pdgfrb	58.4	133.5	104.6	17	20.1	66.3	11.4	35.3	20.7	33.5	111.9	2.8
1438558_x_at	Foxq1	948.3	1035	1114	260.5	286.9	545.1	150.3	306.1	264.4	526.3	608.6	907.6
1422804_at	Spi12	507.1	798.7	1059	171.5	216.2	514.8	234.9	321.4	478.5	384.3	1028	434.9
1422735_at	Foxq1	764.3	301.8	198.7	270.7	123.7	169.9	211.6	136.6	154.9	465.7	264.9	222
1429338_a_at	4632412I24Rik	387.2	149.7	273.4	98.9	186	110.5	158.3	189.9	129	194.7	47.8	267.8
1420360_at	Dkk1	855.3	1482	1371	332.5	592.8	662	359.3	571.4	553.2	391	356.5	1117
1416564_at	Sox7	329.3	401.3	602.1	100.9	252	258	98.7	210.1	188.4	162.8	275.6	451.1
1450646_at	Cyp51	634.4	1896	2425	294.1	913.4	917.6	356.4	973.9	1025	804.4	1882	1555
1458232_at	Dkk1	1643	475.7	564.6	381.7	120.8	170.9	251.6	122	184.5	498.8	229.4	336.9
1449582_at	Cdx1	261.9	518.3	305	41.4	113.2	79.7	47.2	146.5	80.2	355.6	334.9	317.6

group 5

Probe Set	Common name	wt 1	wt 2	wt 3	SB 1	SB 2	SB 3	SP 1	SP 2	SP 3	U 1	U 2	U 3
1437893_at	MGC40917	861.8	181.8	280.2	871.6	65.7	126.1	1352	215.7	156	812.3	103.5	177.5
1430051_at	4930486L24Rik	3395	1105	1056	1311	474.2	504.5	1977	737.9	594.2	2151	1178	1317
1416488_at	Ccng2	383.4	1253	1218	244.9	446	422.3	579.7	2317	1936	344.1	855.5	1216
1422293_a_at	4933402K10Rik	257.8	349.2	442.9	189	192	183.4	172.2	192.4	368.7	299.6	474	463.9
1430781_at	4930502N02Rik	6325	2163	1921	4271	415.7	349.4	8594	2402	2219	6083	1424	1979
1435992_at		362.7	154.4	172.6	388	58.2	48.4	601.8	114.9	85.4	573.8	76.8	97.2
1433768_at	2410003B16Rik	1533	544.8	749.4	817.7	259.2	110.1	1223	407.5	496.5	990.6	599.7	467.8
1442040_at		635.5	269.8	239	182.9	112.8	74.6	364.2	133.5	137.6	322.7	225.4	122.6
1447655_x_at	Sox6	1137	398.4	450.9	487.4	173.8	193.1	874.9	376.3	223.4	742.8	493.7	329.1
1448606_at	Edg2	739.5	852.8	861.5	280.7	536.8	476.1	485	707	655.7	507.8	729.5	1201
1438322_x_at	Fdft1	1922	8217	8923	896.1	3943	4312	1042	4805	5503	2001	6570	6909
1417597_at	Cd28	68.6	162.2	156.3	41.5	40.9	39.1	58.4	75.6	105.9	63.5	174.4	186.4
1437434_a_at	5031439A09Rik	586	793.4	773.8	288.4	196.9	301.4	402.6	646.8	659.3	603.4	635.9	665
1428663_at	5133401H06Rik	529	427.6	337.6	178.3	107.9	74.7	323.1	374.7	499.5	259.6	127.3	390.1
1451760_s_at	AI317395	243.9	225.5	200.8	170.5	56.4	54.4	199.6	190.6	218.2	121.8	141.9	234.7
1457377_at		307	141.3	171.8	33.1	19.3	38.2	291.4	143.3	68.4	75.5	56.3	72.7
1434436_at	5630401M14Rik	82.8	136.5	197.5	63.2	67.8	38.3	80.6	106.4	144.8	30	63.6	77.6
1419554_at	B430305P08Rik	125.6	395.5	400.6	100.3	186.8	209.2	87.5	163.8	353.6	162.7	314.2	193.5
1434369_a_at	Cryab	826.3	2917	3122	286.3	997.7	1200	481.9	1795	1821	341	1597	2523
1416895_at	Efnal	145.5	267.2	266.9	53.2	82.4	93.9	116.1	283.7	167.9	227.6	376.7	377.6
1423824_at	5031439A09Rik	231.2	763.7	656.5	131.6	328.4	297.9	204.1	571.2	828.2	336.7	605.3	496.4
1438704_at		153.5	68.3	70.6	26.7	16.6	5.9	17.5	56.8	32.6	37.6	2.5	47.4
1452387_a_at	Amotl2	1045	1668	1599	348.3	705.2	966.1	783	1144	1085	601.3	861.5	1613
1442918_at		1187	377.3	262.5	414.1	142	135	508.5	235.2	230.1	854	204.2	206.3
1436931_at	Rfx4	2330	710.4	989.9	425.2	245.8	311.2	2465	966.4	810.9	988.6	444.5	427.5
1456144_at		2125	782.4	597	1148	274.9	376.4	1777	476.4	444.9	1651	457	653.1
1435831_at	Upk1b	1069	323.1	519.7	360.3	123	89.4	653.7	226.5	158.2	431.6	186.7	162.9
1434815_a_at		4506	899.3	567.2	1400	233.3	280.4	3861	1127	902.3	2946	348.4	457.3
1419775_at		219.8	295.1	397.4	76.5	278.4	116.2	159.2	339.1	202.2	209	89.4	197.7
1460330_at	Anxa3	886.7	899.9	896.7	386.3	563.8	363.7	484.8	503.7	523	508.6	717.2	528.7
1418365_at	Ctsh	435.7	756.1	702.8	149.2	398.4	324.3	259.9	376.3	304.5	200.5	526.2	644.8
1445160_at	4732483H20Rik	202.8	80.1	85.3	46.7	44.4	48.2	166	43.6	113.3	84.7	51.2	35.8
1434917_at	cobl	1233	153.9	151.4	294.7	87.3	35.7	734.3	111.7	116	2019	304	141.3
1433595_at	C330011J09	393.1	327.3	406.5	136.1	184.8	154.8	310.2	402.1	268.2	202.5	308	314.9
1429691_at	5430405N12Rik	243.1	510.3	224.6	160.5	120.8	49.9	273.2	228.3	207.4	208.8	156.5	182.7
1441667_s_at	4632404M21Rik	1079	217	362.2	264.3	94	92.1	551.8	271.9	271	895.2	398.6	337.3
1455299_at		2335	878.5	995.3	1032	422.1	478.4	1953	774.9	1019	1832	924.3	1335
1436619_at		3560	988.2	1545	1809	462.8	526.7	4233	1392	894.6	3000	540.2	702.3
1443163_at	F730005G13	8733	2254	2722	2648	745	677.6	7551	2736	3575	5569	4000	4315
1449365_at	Edg8	224.3	800	378.4	63	216.5	127.1	171	494.2	671.4	241	624.6	591.7
1449385_at	Hsd17b9	751.1	2209	2166	370.4	950.3	590.7	726.9	1901	1391	934.5	1915	2039
1439478_at	Mte1-pending	3103	1454	1341	1331	553	543.7	3092	1187	1226	2248	1425	1721
1454862_at	C820004H04Rik	426.6	1287	1128	123.9	471.9	458.3	315.9	952.3	857.6	279.6	726.4	550.1
1419418_a_at	Morc	385.4	1181	821	155	494.7	275.4	244	743.8	785.4	590.5	1288	1284
1423825_at	5031439A09Rik	250.8	435.2	355.7	124.5	127.9	95.7	173.7	248.7	550.4	173.4	328.1	320.8

142492_at	Gnpr1	1590	5104	2148	5120	802.4	925.5	1285	2870	2139	1045	2605	2941
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group 6

Probe Set	Common name	wt 1	wt 2	wt 3	SB 1	SB 2	SB 3	SP 1	SP 2	SP 3	U 1	U 2	U 3
1452381_at	C530025K05Rik	211.6	420.7	454.9	234.5	355.9	516.4	144.1	127.6	160.8	302.2	212.5	326.8
1453102_at	5530600M07Rik	2557	909.7	982.1	1105	671.8	732.6	595	424.2	430.1	1209	555.6	909.6
1454855_at	Acvrinp1	413.2	166	187	480.6	144.7	223.7	280.9	78.3	78.6	507.6	197	137.3
1429310_at	5530600M07Rik	1153	721.9	735	844.8	468.7	629.9	473.2	142.2	264.3	730.8	298.1	451.6
1418215_at	Mep1b	749.8	1129	922.7	813.1	828.6	1010	617	588.2	380.8	1166	1160	1325
1417079_s_at	Lgals2	382.4	185.2	355	111.8	100.6	162.8	178.8	58.9	142	124.5	208.5	180.2
1418153_at	Lama1	1928	2501	3224	785.4	1567	2116	428	904.7	1259	1212	1536	2041
1421113_at	Pepf-pending	279.4	379	503.1	139	251.1	214.6	152.1	99.2	105	231.3	521.9	369.8
1419665_a_at	Nupr1	222.3	950.8	935	114.9	739.1	675.6	84.3	304.4	326	283.5	1479	1465
1420565_at	Hoxa1	183.2	387.7	322.3	107.2	168.9	188.7	86.6	119	51.5	110.4	160.5	335.9
1441061_at		699	173.4	172.1	778.2	113.2	229.9	615.6	44.2	64.1	741.1	158.1	201.7
1430977_at	A930021C24Rik	768.8	485	417.8	1345	381	511.5	956.6	269.6	222.2	755.5	365.2	263.9
1450843_a_at	Serpinh1	538.1	1006	1065	258.9	733	645.6	119	350.8	392.9	485	601.1	491.3
1448477_at	C4st2-pending	133.5	170	128.5	106	186.8	102.4	17	48.9	27.2	100.2	18.2	94.3
1416589_at	Sparc	3504	3421	3305	1629	2325	2620	1143	1681	1490	2219	1807	2272
1451382_at	1810008K03Rik	487.8	597.3	622.9	238.4	414.8	398.3	190.9	193.8	198.2	219.2	283.5	590.7
1455019_x_at	5630400A09Rik	3067	1954	1800	1891	1002	1518	816.8	874.7	596.8	2115	1112	1447
1437132_x_at	Nedd9	74.9	217.1	342.9	21.5	71.9	254.8	2.1	37.9	65.6	75.1	100.8	331.3
1448949_at	Car4	550.3	787.8	1299	276.6	1172	1733	187.6	389.6	494	541	1402	1467
1438787_at		7912	752.2	550.1	6028	630.5	613.4	3607	681.2	339	6652	770.5	604.9
1438737_at	Zic3	807	496.2	736.5	342.7	290.8	389.6	120.4	238.2	323.2	608.1	240.3	326.6
1421917_at	Pdgfra	683.6	2548	2461	1030	2501	2924	323.7	1198	999.8	613.9	1609	2018
1429177_x_at	Sox17	1388	3571	3341	983.4	1543	2960	503.3	1445	1235	761.1	1480	2367
1415822_at	Scd2	3796	10174	13527	2721	9950	12664	1898	5758	6294	5251	11407	10981
1415856_at	Emb	402.1	413.9	511.7	218	485.9	586.6	155.4	239.9	311.1	256.9	250.3	326.5
1452035_at	Col4a1	2496	3880	3283	1535	2284	3062	897.6	1539	1425	1446	2201	3300
1456733_x_at	Serpinh1	948.4	1838	1479	803.7	947.1	929.9	551.7	362.1	560.4	757.8	663.1	897.2
1424051_at	Col4a2	1107	1110	982.7	630.2	662	691.2	386.9	350	396.1	746.4	671.9	894.8
1417828_at	Aqp8	1092	1977	2052	730.9	1754	1811	300.4	755.6	914.6	887.1	2113	2012
1418094_s_at	Car4	975.1	832.5	1085	556.8	1022	1403	192.1	419.2	329.4	1124	1363	1433