

SUPPLEMENTARY TABLE 1A. DESCRIPTION OF MOUSE *Ets2*-TAM MICROARRAY

TITLE	Expression Data from <i>Ets2</i> -deficient tumor associated macrophages
STUDY DESIGN	YFP-positive <i>Ets2</i> ^{+/+} / <i>Ets2</i> ^{-/-} remodeling and tumor macrophages were isolated by Fluorescence Activated Cell Sorting from normal developing mammary glands and <i>PyMT</i> -induced mammary tumors respectively, RNA was extracted and Affymetrix gene expression arrays were performed.

SAMPLE INFORMATION:

Organism:	<i>Mus musculus</i>			
Source Name:	Mammary macrophages isolated from: (a) developing mammary gland, and (b) <i>PyMT</i> -induced early mammary carcinoma			
Strain:	FVBN			
Sex:	Female			
Age:	50 days (for isolation remodeling macrophages), 75 days (for isolation of tumor associated macrophages)			
Tissue:	Mammary gland			
Cell Type:	Macrophages			
Molecule:	Total mRNA			
Label:	Biotin			
Sample Name:	D.WT	D.E2	T.WT	T.E2
Sample Details:	One copy of <i>Ets2</i> (no tumor, 50 days)	<i>Lys-Cre</i> -mediated <i>Ets2</i> deletion (no tumor, 50 days)	One copy of <i>Ets2</i> (tumor, 75days)	<i>Lys-Cre</i> -mediated <i>Ets2</i> deletion (tumor, 75days)
Genotype:	<i>Ets2</i> ^{LoxP/db} ; <i>c-fms</i> -YFP	<i>Ets2</i> ^{LoxP/db} ; <i>Lys-Cre</i> ; <i>c-fms</i> -YFP	<i>PyMT</i> ; <i>Ets2</i> ^{LoxP/db} ; <i>c-fms</i> -YFP	<i>PyMT</i> ; <i>Ets2</i> ^{LoxP/db} ; <i>Lys-Cre</i> ; <i>c-fms</i> -YFP

ARRAY INFORMATION:

Array Used:	Affymetrix Mouse Genome 430A 2.0 Array
Platform:	GPL8321

PROTOCOLS USED:

Isolation Protocol:	Minced mammary glands/mammary tumors were digested with 20mg Collagenase Type 2 (Worthington), 480 Units DNaseI (Boehringer) and 1mM MgCl ₂ at 37°C and then stroma was enriched by gravity separation. The YFP-positive cell population was sorted using Fluorescent Activated Cell Sorting with the BD FACSAria™.
Extraction Protocol:	RNA was extracted with the RNeasy Stratagene micro-prep column (Stratagene) as per the manufacturer's instructions.
Label Protocol:	Biotinylated cRNA was prepared according to the standard Affymetrix protocol from 2 ug total RNA (Expression Analysis Technical Manual, 2007, Affymetrix).
Hybridization Protocol:	Following fragmentation, 15 ug of cRNA was hybridized for 16 hours at 44°C on Mouse Exon 1.0 ST GeneChips. GeneChips were washed and stained in the Affymetrix Fluidics Station 400.
Scan protocol:	GeneChips were scanned using the Affymetrix GeneChip Scanner 3000 7G
Data Processing:	RMA method was applied to the primary data to correct the technical bias and summarize gene expression values over probe sets

Value Definition:	Log2 expression values
Data Analysis:	<p>All values are represented as Log2. The primary data was analyzed by modified RMA method to yield average gene expression values (1, 2).</p> <p>For the subsequent analysis, gene expression differences between normal macrophages with or without Ets2 were compared to the differences between tumor macrophages with and without Ets2, and a value termed the Interaction (INT) value was derived. The formula used for determining INT was: $\text{INT} = [(D.WT - D.E2) - (T.WT - T.E2)]$</p> <p>T.E2 and D.E2 are the average values for expression of a given gene in tumor macrophages and normal developmental macrophages that lack Ets2, respectively, and T.WT and D.WT are the corresponding values for the same gene in tumor and developmental macrophages containing Ets2. This equation captures differences in gene expression in tumor macrophages compared to normal developmental macrophages with Ets2, that is, tumor-specific effects.</p> <p>Gene ontology analysis was performed using DAVID Bioinformatics 2008 Tool (bioinformatics source of National Institute of Allergy and Infectious Diseases, NIH). The biological processes regulated were confirmed by manual curation (available upon request).</p>

REFERENCES

1. Auer H, Newsom D, Nowak N, et al. Gene-resolution analysis of DNA copy number variation using oligonucleotide expression microarrays. *BMC Genomics* 2007; 8: 111.
2. Irizarry R, Hobbs B, Collin F, et al. Exploration, normalization, and summaries of high density oligonucleotide array probe level data. *Biostatistics* 2003; 4: 249-64

SUPPLEMENTARY TABLE 1B. LIST OF GENES DIFFERENTIALLY EXPRESSED (>3 FOLD) IN *Ets2*-DEFICIENTAll values are \log_2

Probe set	NLP	D.WT	D.E2	T.WT	T.E2	INT	Gene	Gene information
1418666_at	7.62	10.734	4.964	7.552	7.186	5.404	Ptx3	pentraxin related gene
1451632_a_at	5.34	4.573	4.269	4.45	9.425	5.279	Igh-1a	immunoglobulin heavy chain 1a (serum IgG2a)
1425896_a_at	7.62	8.908	4.096	6.602	6.468	4.678	Fbn1	fibrillin 1
1417625_s_at	6.66	10.915	6.380	8.326	8.306	4.515	Cmkor1	chemokine orphan receptor 1
1420466_at	5.34	3.86	3.908	3.817	8.146	4.281	Spt2	salivary protein 2
1442169_at	7.62	8.384	4.335	5.619	5.803	4.233	Vldlr	very low density lipoprotein receptor
1451527_at	5.34	8.222	3.734	5.828	5.489	4.149	Pcolce2	procollagen C-endopeptidase enhancer 2
1417012_at	7.65	7.656	4.763	6.000	7.210	4.103	Sdc2	syndecan 2
1427256_at	7.88	8.643	6.057	5.864	7.304	4.026	Cspg2	chondroitin sulfate proteoglycan 2
1451156_s_at	6.66	7.910	4.288	5.329	5.694	3.987	Vldlr	very low density lipoprotein receptor
1448501_at	8.91	7.515	4.315	6.285	7.058	3.973	Tspan6	tetraspanin 6
1418454_at	8.59	10.208	6.563	8.415	8.646	3.876	Mfap5	microfibrillar associated protein 5
1420627_a_at	7.36	3.996	3.673	4.585	8.064	3.802	Csna	casein alpha
1450843_a_at	5.73	8.585	5.592	6.618	7.41	3.785	Serpinh1	serine (or cysteine) peptidase inhibitor, clade H, member 1
1422639_at	8.40	6.689	4.347	4.468	5.903	3.777	Calcb	calcitonin-related polypeptide, beta
1456733_x_at	9.44	8.640	5.581	6.587	7.275	3.747	Serpinh1	serine (or cysteine) peptidase inhibitor, clade H, member 1
1449082_at	8.59	10.516	7.482	8.769	9.387	3.652	Mfap5	microfibrillar associated protein 5
1416473_a_at	5.34	8.337	4.879	5.81	5.973	3.621	Nope	neighbor of Punc E11
1427381_at	10.49	9.031	6.657	7.231	8.445	3.588	Irg1	immunoresponsive gene 1
1434479_at	8.59	8.133	5.518	6.070	7.022	3.567	Col5a1	Procollagen, type V, alpha 1 (Col5a1), mRNA
1416474_at	5.34	8.359	4.502	6.062	5.703	3.498	Nope	neighbor of Punc E11
1418753_at	6.66	9.388	5.834	6.874	6.796	3.476	Gfpt2	glutamine fructose-6-phosphate transaminase 2
1450923_at	9.44	9.307	7.454	7.677	9.298	3.474	Tgfb2	transforming growth factor, beta 2
1425247_a_at	3.92	4.299	4.478	4.742	8.375	3.454	Igh-4	immunoglobulin heavy chain 4 (serum IgG1)
1416221_at	8.59	10.446	7.122	8.124	8.254	3.454	Fstl1	follistatin-like 1
1448201_at	6.87	9.430	6.293	7.859	8.169	3.447	Sfrp2	secreted frizzled-related sequence protein 2
1448789_at	5.31	7.458	4.227	5.28	5.495	3.446	Aldh1a3	aldehyde dehydrogenase family 1, subfamily A3
1417785_at	7.62	8.851	5.262	6.983	6.837	3.443	Pla1a	phospholipase A1 member A
1451978_at	7.62	8.156	4.696	6.544	6.521	3.437	Loxl1	lysyl oxidase-like 1
1460208_at	6.51	9.283	5.914	7.919	7.974	3.424	Fbn1	fibrillin 1
1419370_a_at	2.51	12.397	8.862	9.041	8.9	3.394	Mfap1	microfibrillar-associated protein 1
1423669_at	10.49	10.757	8.137	9.013	9.771	3.378	Col1a1	procollagen, type I, alpha 1
1448395_at	7.88	7.542	4.701	6.093	6.616	3.364	Sfrp1	secreted frizzled-related sequence protein 1
1427482_a_at	4.8	7.135	4.229	5.446	5.893	3.353	Car8	carbonic anhydrase 8
1449335_at	5.86	9.324	6.326	7.001	7.336	3.333	Timp3	tissue inhibitor of metalloproteinase 3
1427231_at	7.62	8.096	4.748	5.695	5.679	3.332	Robo1	roundabout homolog 1 (Drosophila)
1417011_at	7.88	9.687	6.739	8.614	8.994	3.328	Sdc2	syndecan 2
1429514_at	6.41	10.028	7.080	7.555	7.929	3.322	Ppap2b	phosphatidic acid phosphatase type 2B
1432129_a_at	5.34	7.376	4.771	5.139	5.776	3.242	Prrx1	paired related homeobox 1
1417439_at	8.59	9.337	6.268	7.061	7.208	3.216	Cd248	CD248 antigen, endosialin
1450663_at	8.91	9.810	6.791	7.927	8.117	3.209	Thbs2	thrombospondin 2
1424807_at	6.51	7.485	4.351	6.044	6.109	3.199	Lama4	laminin, alpha 4
1416744_at	5.73	6.668	4.376	4.211	5.113	3.194	Uap1	UDP-N-acetylglucosamine pyrophosphorylase 1
1420408_a_at	5.62	7.022	4.428	5.815	6.412	3.191	Abcc9	ATP-binding cassette, sub-family C (CFTR/MRP), member 9
1455090_at	5.34	9.163	6.556	6.624	7.193	3.176	Angptl2	Angiopoietin-like 2 (Angptl2), mRNA
1441342_at	6.68	7.744	5.249	5.368	6.010	3.137	Dpp4	Dipeptidylpeptidase 4, mRNA (cDNA clone MGC:14076)
1455466_at	5.34	9.269	6.125	7.194	7.181	3.131	Gpr133	G protein-coupled receptor 133
1416953_at	10.49	7.558	4.446	9.399	9.382	3.095	Ctgf	connective tissue growth factor
1449334_at	7.62	7.885	5.034	6.427	6.665	3.089	Timp3	tissue inhibitor of metalloproteinase 3
1424114_s_at	8.39	8.883	6.049	6.945	7.188	3.077	Lamb1-1	laminin B1 subunit 1

Probe set	NLP	D.WT	D.E2	T.WT	T.E2	INT	Gene	Gene information
1418547_at	8.59	7.111	4.286	5.919	6.145	3.051	Tfpi2	tissue factor pathway inhibitor 2
1448259_at	8.91	11.122	8.291	9.524	9.743	3.050	Fstl1	follistatin-like 1
1422437_at	10.49	8.708	6.017	7.255	7.602	3.038	Col5a2	procollagen, type V, alpha 2
1427869_at	5.34	4.111	4.45	4.405	7.775	3.031	Igh-4	immunoglobulin heavy chain 4 (serum IgG1)
1424007_at	5.34	7.039	4.274	4.289	4.55	3.026	Gdf10	growth differentiation factor 10
1419089_at	7.39	9.983	6.806	7.772	7.596	3.001	Timp3	tissue inhibitor of metalloproteinase 3
1450757_at	7.49	8.380	6.109	6.784	7.510	2.997	Cdh11	cadherin 11
1450808_at	5.13	7.71	6.027	6.32	7.585	2.948	Fpr1	formyl peptide receptor 1
1450826_a_at	6.66	7.033	6.466	7.429	9.802	2.940	Saa3	serum amyloid A 3
1449893_a_at	3.02	5.386	4.233	4.254	6.021	2.92	Lrig1	leucine-rich repeats and immunoglobulin-like domains 1
1424254_at	10.49	8.789	7.901	7.780	9.805	2.913	Ifitm1	interferon induced transmembrane protein 1
1442494_at	6.87	7.185	5.652	4.917	6.285	2.901	30209G04F	Ubiquitin protein ligase E3 component n-recognin 2 (Ubr2), mRNA
1434465_x_at	8.59	9.446	6.771	8.063	8.280	2.892	Vldlr	very low density lipoprotein receptor
1452196_a_at	10.49	8.002	6.019	7.253	8.161	2.891	Nckap1	NCK-associated protein 1
1425324_x_at	3.38	4.733	4.462	4.733	7.349	2.887	Igh-4	immunoglobulin heavy chain 4 (serum IgG1)
1418147_at	10.49	5.938	4.036	8.858	9.836	2.880	Tcfap2c	transcription factor AP-2, gamma
1438789_s_at	3.44	5.176	4.079	3.592	5.372	2.877	Dpysl3	dihydropyrimidinase-like 3
1426947_x_at	10.49	7.409	5.248	6.662	7.375	2.874	Col6a2	procollagen, type VI, alpha 2
1420370_s_at	3.92	4.162	3.937	4.834	7.481	2.872	Csnb	casein beta
1416686_at	3.38	6.843	4.142	4.823	4.986	2.864	Plod2	procollagen lysine, 2-oxoglutarate 5-dioxygenase 2
1427756_x_at	5.34	4.202	4.202	4.202	7.061	2.859	Igh-4	immunoglobulin heavy chain 4 (serum IgG1)
1421172_at	5.34	7.992	6.357	5.05	6.272	2.857	Adam12	a disintegrin and metallopeptidase domain 12 (meltrin alpha)
1451538_at	8.40	6.565	4.681	9.847	10.802	2.839	Sox9	SRY-box containing gene 9
1418921_at	3.38	6.722	4.262	5.273	5.644	2.831	Igsf4b	immunoglobulin superfamily, member 4B
1460302_at	7.88	9.092	7.337	5.252	6.318	2.821	Thbs1	thrombospondin 1
1448816_at	3.92	8.13	5.124	5.716	5.517	2.807	Ptgis	prostaglandin I2 (prostacyclin) synthase
1460282_at	4.44	5.706	4.274	4.687	6.062	2.807	Trem1	triggering receptor expressed on myeloid cells 1
1452590_a_at	5.72	8.627	5.962	7.073	7.193	2.785	Plac9	placenta specific 9
1416749_at	6.66	7.766	5.126	6.162	6.305	2.783	Htra1	HtrA serine peptidase 1
1423310_at	7.65	9.467	7.180	7.889	8.382	2.780	Tpbp	trophoblast glycoprotein
1418492_at	3.92	5.75	3.144	4.26	4.417	2.763	Grem2	gremlin 2 homolog, cysteine knot superfamily (Xenopus laevis)
1448950_at	4.88	7.7	5.336	5.9	6.276	2.74	Il1r1	interleukin 1 receptor, type I
1439260_a_at	4.59	5.06	3.998	4.275	5.946	2.733	Enpp3	clone IMAGE:2655671)
1448673_at	3.68	6.364	4.127	4.433	4.926	2.73	Pvrl3	poliovirus receptor-related 3
1419689_at	2.74	7.35	4.584	5.062	5.019	2.723	Gpc6	glypican 6
1434227_at	3.71	6.75	4.065	4.076	4.109	2.718	Krtdap	keratinocyte differentiation associated protein
1416745_x_at	7.36	7.721	5.902	4.944	5.839	2.714	Uap1	UDP-N-acetylglucosamine pyrophosphorylase 1
1421171_at	3.71	7.756	4.785	4.794	4.521	2.698	Adam12	a disintegrin and metallopeptidase domain 12 (meltrin alpha)
1448421_s_at	4.88	7.921	5.654	6.354	6.776	2.689	Aspn	asporin
1418237_s_at	6.33	7.495	5.544	5.730	6.454	2.675	Col18a1	procollagen, type XVIII, alpha 1
1448545_at	7.62	7.852	5.491	6.761	7.074	2.674	Sdc2	syndecan 2
1419427_at	5.34	6.774	4.127	4.072	4.097	2.672	Csf3	colony stimulating factor 3 (granulocyte)
1450857_a_at	8.91	11.905	9.762	10.600	11.128	2.671	Col1a2	procollagen, type I, alpha 2
1449169_at	5.34	7.109	4.593	4.58	4.713	2.649	Has2	hyaluronan synthase 2
1434542_at	5.34	10.853	8.547	8.126	8.461	2.641	Gpt2	glutamic pyruvate transaminase (alanine aminotransferase) 2
1436763_a_at	4.59	7.12	5.259	5.743	6.522	2.64	Klf9	Kruppel-like factor 9
1437917_at	10.49	7.196	5.931	4.362	5.736	2.639	530037H12F	RIKEN cDNA D530037H12 gene
1419073_at	5.34	8.243	5.611	5.664	5.664	2.632	Tmeff2	transmembrane protein with EGF-like and two follistatin-like domains 2
1427035_at	6.40	7.444	5.505	6.505	7.156	2.590	Slc39a14	solute carrier family 39 (zinc transporter), member 14
1421134_at	8.40	8.351	6.843	5.131	6.211	2.588	Areg	amphiregulin
1460227_at	6.04	6.534	4.859	6.246	7.156	2.585	Timp1	tissue inhibitor of metalloproteinase 1
1451446_at	8.59	10.945	8.157	8.854	8.638	2.572	Antxr1	anthrax toxin receptor 1

Probe set	NLP	D.WT	D.E2	T.WT	T.E2	INT	Gene	Gene information
1417937_at	3.92	6.827	4.292	4.468	4.504	2.571	Dact1	dapper homolog 1, antagonist of beta-catenin (xenopus)
1424113_at	8.59	8.158	5.405	6.299	6.117	2.571	Lamb1-1	laminin B1 subunit 1
1421694_a_at	3.92	6.514	4.186	4.856	5.092	2.564	Cspg2	chondroitin sulfate proteoglycan 2
1416625_at	8.91	10.493	7.765	8.901	8.720	2.547	Serping1	serine (or cysteine) peptidase inhibitor, clade G, member 1
1450716_at	5.59	7.437	4.704	5.734	5.547	2.546	Adamts1	a disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin type 1 motif, 1
1419663_at	8.59	9.971	7.150	8.091	7.808	2.538	Ogn	osteoglycin
1418847_at	10.49	8.510	7.061	6.754	7.821	2.516	Arg2	arginase type II
1416459_at	3.38	7.04	4.768	5.179	5.42	2.513	Arf2	ADP-ribosylation factor 2
1423584_at	10.49	8.925	7.489	8.338	9.402	2.500	Igfbp7	insulin-like growth factor binding protein 7
1454903_at	3.68	6.111	4.212	4.69	5.289	2.498	Ngfr	nerve growth factor receptor (TNFR superfamily, member 16)
1423017_a_at	5.86	7.187	5.457	4.967	5.715	2.478	Il1rn	interleukin 1 receptor antagonist
1425493_at	4.88	7.037	5.686	6.459	7.579	2.471	Bmpr1a	bone morphogenetic protein receptor, type 1A
1431057_a_at	3.92	6.542	4.377	5.125	5.427	2.467	Prss23	protease, serine, 23
1426191_a_at	4.5	6.838	6.509	4.38	6.509	2.458	Bcl2l1	Bcl2-like 1
1434180_at	5.72	7.553	5.634	6.661	7.195	2.453	Plekhc1	pleckstrin homology domain containing, family C (with FERM domain) member 1
1435383_x_at	6.66	9.734	7.530	8.028	8.262	2.438	Ndn	necdin
1426464_at	5.34	8.204	5.697	6.135	6.055	2.427	Nr1d1	nuclear receptor subfamily 1, group D, member 1
1418664_at	4.8	7.856	5.402	5.779	5.752	2.427	Mpdz	multiple PDZ domain protein
1452595_at	4.8	9.778	7.557	7.796	7.999	2.424	Adamts4	thrombospondin type 1 motif, 4
1424667_a_at	3.38	5.828	5.484	4.692	6.771	2.423	Cutl1	cut-like 1 (Drosophila)
1448696_at	8.40	7.922	4.841	5.527	4.867	2.421	Heph	hephaestin
1427986_a_at	3.38	4.868	4.35	4.868	6.758	2.408	Col16a1	procollagen, type XVI, alpha 1
1425575_at	2.43	5.265	3.951	4.065	5.141	2.39	Epha3	Eph receptor A3
1427257_at	4.6	6.263	4.642	4.729	5.497	2.389	Cspg2	chondroitin sulfate proteoglycan 2
1450798_at	5.34	7.286	4.914	5.109	5.109	2.372	Tnxb	tenascin XB
1448469_at	2.12	6.908	4.58	4.709	4.751	2.37	Nid1	nidogen 1
1422180_a_at	6.51	7.007	4.644	5.267	5.267	2.363	Mcpt6	mast cell protease 6
1431505_at	5.45	4.202	3.779	4.535	6.469	2.357	Ppih	peptidyl prolyl isomerase H
1451689_a_at	10.49	5.225	4.008	8.524	9.662	2.355	Sox10	SRY-box containing gene 10
1416630_at	3.71	6.884	5.069	5.341	5.88	2.354	Id3	inhibitor of DNA binding 3
1455792_x_at	6.66	10.328	8.105	8.648	8.767	2.342	Ndn	necdin
1417281_a_at	5.86	8.193	6.120	6.752	7.012	2.333	Mmp23	matrix metalloproteinase 23
1452124_at	2.12	4.843	4.42	4.843	6.75	2.33	2900054D	ankyrin 3, epithelial /// RIKEN cDNA 2900054D09 gene
1424576_s_at	2.75	6.308	4.646	5.036	5.702	2.328	Cyp2c44	cytochrome P450, family 2, subfamily c, polypeptide 44
1450009_at	10.49	5.867	4.519	9.531	10.511	2.328	Ltf	lactotransferrin
1423104_at	4.88	8.729	7.15	7.211	7.958	2.326	Irs1	insulin receptor substrate 1
1433966_x_at	7.62	7.712	7.026	7.780	9.419	2.325	Asns	asparagine synthetase
1419709_at	7.36	5.441	4.897	5.175	6.950	2.319	Stfa3	stefin A3
1421374_a_at	6.06	8.758	6.747	6.276	6.584	2.319	Fxyd1	FXID domain-containing ion transport regulator 1
1426955_at	7.36	7.025	5.444	5.770	6.507	2.318	Col18a1	procollagen, type XVIII, alpha 1
1449368_at	9.44	11.850	9.240	9.792	9.498	2.316	Dcn	decorin
1423885_at	5.34	9.557	7.338	7.205	7.297	2.311	Lamc1	laminin, gamma 1
1438211_s_at	5.34	11.432	8.774	8.728	8.352	2.282	Dbp	D site albumin promoter binding protein
1434436_at	8.40	9.096	7.803	7.356	8.334	2.271	Morc4	microorchidia 4
1425958_at	5.86	5.699	4.609	4.136	5.315	2.269	Il1f9	interleukin 1 family, member 9
1424218_a_at	3.44	4.662	4.248	3.973	5.825	2.266	Creb3l4	cAMP responsive element binding protein 3-like 4
1418063_at	3.38	5.879	3.791	3.614	3.791	2.265	Kera	keratocan
1448169_at	10.49	7.912	6.405	10.962	11.708	2.253	Krt1-18	keratin complex 1, acidic, gene 18
1426285_at	7.62	8.964	6.584	7.304	7.177	2.253	Lama2	laminin, alpha 2
1451047_at	6.33	6.386	4.735	4.335	4.935	2.251	Itn2a	integral membrane protein 2A

Probe set	NLP	D.WT	D.E2	T.WT	T.E2	INT	Gene	Gene information
1423691_x_at	10.49	5.875	4.766	9.806	10.947	2.250	Krt2-8	keratin complex 2, basic, gene 8
1451858_at	8.40	7.619	6.470	5.824	6.920	2.245	Mrgpra2	MAS-related GPR, member A2
1416872_at	4.88	6.248	4.843	4.738	5.578	2.245	Tspan6	tetraspanin 6
1418494_at	4.88	7.799	5.818	5.39	5.649	2.24	Ebf2	early B-cell factor 2
1423311_s_at	5.82	7.873	6.018	6.245	6.625	2.235	Tpbp	trophoblast glycoprotein
1429052_at	5.34	7.736	5.357	5.497	5.352	2.234	Ptprd	protein tyrosine phosphatase, receptor type, D
1418745_at	3.92	6.748	4.371	4.735	4.585	2.227	Omd	osteomodulin
1448326_a_at	4.59	5.42	4.807	4.732	6.334	2.215	Crabp1	cellular retinoic acid binding protein I
1448485_at	3.71	5.159	4.855	4.529	6.422	2.197	Ggt1	gamma-glutamyltransferase 1
1421734_at	4.88	8.208	7.091	6.975	8.045	2.187	Il8rb	interleukin 8 receptor, beta
1417602_at	6.33	9.088	5.769	6.368	5.233	2.184	Per2	period homolog 2 (Drosophila)
1439388_s_at	4.88	5.392	4.625	4.566	5.982	2.183	Bcar1	breast cancer anti-estrogen resistance 1
1455007_s_at	8.39	10.757	8.590	8.590	8.590	2.167	Gpt2	glutamic pyruvate transaminase (alanine aminotransferase) 2
1437853_x_at	6.29	10.603	8.639	9.163	9.364	2.165	Ndn	necdin
1418106_at	2.97	4.522	4.064	4.132	5.832	2.158	Hey2	hairly/enhancer-of-split related with YRPW motif 2
1419662_at	5.34	8.347	5.928	5.942	5.681	2.158	Ogn	osteoglycin
1420413_at	3.44	7.904	6.686	6.563	7.5	2.155	Slc7a11	11
1427048_at	2.97	4.665	3.888	3.728	5.105	2.154	Smo	smoothened homolog (Drosophila)
1426571_at	3.92	4.395	4.125	4.648	6.532	2.154	Tmem16a	transmembrane protein 16A
1422561_at	7.88	6.539	4.181	4.830	4.612	2.140	Adamts5	a disintegrin-like and metalloproteinase (reprolysin type) with thrombospondin type 1 motif, 5 (aggrecanase-2)
1427884_at	7.88	11.704	9.753	10.052	10.238	2.137	Col3a1	procollagen, type III, alpha 1
1427302_at	3.71	4.341	4.286	4.469	6.545	2.131	Enpp3	ectonucleotide pyrophosphatase/phosphodiesterase 3
1421473_at	5.86	9.673	8.222	8.917	9.597	2.131	Il1a	interleukin 1 alpha
1427038_at	8.59	7.504	5.375	5.375	5.375	2.129	Penk1	preproenkephalin 1
1418488_s_at	9.44	5.793	4.545	8.190	9.070	2.128	Ripk4	receptor-interacting serine-threonine kinase 4
1416589_at	7.39	10.621	8.564	9.275	9.341	2.123	Sparc	secreted acidic cysteine rich glycoprotein
1421811_at	10.49	11.302	10.036	8.099	8.956	2.123	Thbs1	thrombospondin 1
1419532_at	8.91	9.623	8.440	7.954	8.890	2.119	Il1r2	interleukin 1 receptor, type II
1419394_s_at	9.44	12.497	11.867	11.317	12.803	2.116	S100a8	S100 calcium binding protein A8 (calgranulin A)
1451866_a_at	3.68	5.005	4.578	4.007	5.694	2.114	Hgf	hepatocyte growth factor
1420443_at	3.44	4.78	3.812	3.884	5.027	2.111	Pcdhb19	protocadherin beta 19
1417566_at	3.92	6.676	6.131	6.318	7.879	2.106	Abhd5	abhydrolase domain containing 5
1460371_at	2.51	6.386	4.458	5.049	5.226	2.105	Hspa12b	heat shock protein 12B
1435989_x_at	8.65	5.431	4.165	9.559	10.396	2.103	LOC434261	similar to cytokeratin EndoA - mouse
1426238_at	2.97	5.563	4.163	4.522	5.224	2.102	Bmp1	bone morphogenetic protein 1
1416652_at	4.88	8.253	5.945	6.329	6.111	2.09	Aspn	asporin
1422760_at	6.87	7.761	6.547	4.684	5.56	2.09	Padi4	peptidyl arginine deiminase, type IV
1415923_at	6.87	6.971	5.315	5.237	5.668	2.087	Ndn	necdin
1427363_at	6.33	6.25	5.096	4.127	5.058	2.085	Myo10	Myosin X, mRNA (cDNA clone IMAGE:3969479)
1424131_at	7.88	9.488	8.134	7.908	8.63	2.076	Col6a3	procollagen, type VI, alpha 3
1448931_at	5.86	4.975	4.941	5.475	7.513	2.072	F2r1	coagulation factor II (thrombin) receptor-like 1
1450924_at	6.33	6.567	5.695	4.254	5.452	2.07	Hdgfrp3	hepatoma-derived growth factor, related protein 3
1417129_a_at	3.38	6.988	5.005	4.931	5.005	2.057	Mrg1	myeloid ecotropic viral integration site-related gene 1
1435382_at	6.66	9.597	7.43	7.945	7.821	2.043	Ndn	necdin
1418764_a_at	2.97	4.971	4.45	4.303	5.823	2.041	Bpnt1	bisphosphate 3'-nucleotidase 1
1448997_at	2.51	5.189	4.151	3.84	4.841	2.039	Pscd1	pleckstrin homology, Sec7 and coiled-coil domains 1
1435035_at	3.92	6.805	5.941	5.36	6.524	2.028	Rg9mt2	RNA (guanine-9-) methyltransferase domain containing 2
1437913_at	5.72	7.526	7.119	5.698	7.314	2.023	Bcl2a1b ///	leukemia/lymphoma 2 related protein A1b /// B-cell leukemia/lymphoma 2
1450658_at	2.51	7.369	5.357	5.357	5.357	2.012	Adamts5	thrombospondin type 1 motif, 5 (aggrecanase-2)
1448756_at	7.65	12.819	12.284	11.508	12.983	2.01	S100a9	S100 calcium binding protein A9 (calgranulin B)
1454681_at	10.49	6.022	4.991	9.489	10.467	2.009	Rbm35a	RNA binding motif protein 35A

Probe set	NLP	D.WT	D.E2	T.WT	T.E2	INT	Gene	Gene information
1448309_at	3.61	6.947	6.735	4.553	6.346	2.005	Ap3m1	adaptor-related protein complex 3, mu 1 subunit
1423428_at	2.97	6.914	4.901	4.981	4.968	2	Ror2	receptor tyrosine kinase-like orphan receptor 2
1452349_x_at	7.88	9.765	8.003	8.423	8.652	1.991	Mnda	interferon activated gene 205 /// myeloid cell nuclear differentiation antigen
1420577_at	3.68	5.647	5.138	4.649	6.119	1.979	Aicda	activation-induced cytidine deaminase
1438714_at	6.66	6.356	6.053	3.74	5.416	1.979	Zfp207	Zinc finger protein 207, mRNA (cDNA clone MGC:5714 IMAGE:3601357)
1416741_at	5.34	6.736	4.76	4.76	4.76	1.976	Col5a1	Procollagen, type V, alpha 1 (Col5a1), mRNA
1423566_a_at	6.41	9.272	7.282	6.856	6.837	1.971	Hsp110	heat shock protein 110
1439210_at	4.81	6.455	6.192	4.352	6.053	1.964	Mrps9	mitochondrial ribosomal protein S9
1417732_at	2.97	3.97	4.133	4.412	6.537	1.962	Anxa8	annexin A8
1418511_at	8.91	12.024	9.948	10.188	10.072	1.96	Dpt	dermatopontin
1424714_at	4.04	5.125	4.095	4.496	5.42	1.954	Aldoc	aldolase 3, C isoform
1454206_a_at	2.06	5.494	4.575	4.359	5.39	1.95	Adam15	a disintegrin and metallopeptidase domain 15 (metargidin)
1416564_at	2.51	6.184	4.981	5.245	5.989	1.947	Sox7	SRY-box containing gene 7
1418678_at	5.34	6.266	4.282	4.255	4.215	1.944	Has2	hyaluronan synthase 2
1420558_at	6.5	7.953	7.312	6.527	7.827	1.941	Selp	selectin, platelet
1438841_s_at	10.49	8.941	7.822	7.315	8.132	1.936	Arg2	arginase type II
1417487_at	5.34	6.815	4.883	5.005	5.005	1.932	Fosl1	fos-like antigen 1
1442484_at	3.38	6.489	6.489	4.337	6.264	1.927	e	DNA segment, Chr 9, ERATO Doi 306, expressed
1423274_at	5.34	7.352	5.569	5.784	5.927	1.926	Ddx26	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 26
1422305_at	5.34	7.768	5.524	5.074	4.756	1.926	Ifnb1	interferon beta 1, fibroblast
1426170_a_at	6.33	5.94	4.761	4.406	5.15	1.923	Cd8b1	CD8 antigen, beta chain 1
1449037_at	7.88	10.69	8.762	8.345	8.338	1.921	CreM	cAMP responsive element modulator
1427673_a_at	3.92	5.458	3.656	3.942	4.056	1.916	Sema3e	(semaphorin) 3E
1448507_at	6.87	10.81	8.467	8.733	8.289	1.899	Efhd1	EF hand domain containing 1
1418981_at	1.39	4.995	4.217	4.268	5.388	1.898	Casp12	caspace 12
1424308_at	3.44	5.709	4.293	3.998	4.47	1.888	Slc24a3	solute carrier family 24 (sodium/potassium/calcium exchanger), member 3
1424486_a_at	4.88	7.155	5.626	4.942	5.298	1.885	Txnrd1	thioredoxin reductase 1
1453839_a_at	10.49	10.573	8.715	8.766	8.785	1.877	Pi16	peptidase inhibitor 16
1420887_a_at	3.71	5.93	5.882	4.822	6.649	1.875	Bcl2l1	Bcl2-like 1
1427126_at	10.49	9.398	9.293	6.897	8.666	1.874	Hspa1a	heat shock protein 1A
1423852_at	6.87	5.827	6.035	6.325	8.404	1.871	Tmem46	transmembrane protein 46
1423475_at	2.75	6.329	5.024	4.971	5.536	1.87	Cnnm2	cyclin M2
1447631_at	3.71	5.525	4.798	4.316	5.459	1.87	Myst2	MYST histone acetyltransferase 2
1422870_at	3.92	7.175	5.542	5.145	5.381	1.869	Hoxc4	homeo box C4
1450144_at	3.71	6.136	4.473	4.704	4.897	1.856	Pla2g1br	phospholipase A2, group IB, pancreas, receptor
1426519_at	8.4	7.891	7.136	6.03	7.129	1.854	P4ha1	alpha 1 polypeptide
1438527_at	4.81	7.194	6.838	6.021	7.507	1.842	LOC24451	Ribosomal protein L3 /// similar to 60S ribosomal protein L3 (L4) /// similar
1420331_at	10.49	9.598	8.433	7.551	8.207	1.821	Clec4e	C-type lectin domain family 4, member e
1449901_a_at	6.33	7.419	5.66	5.525	5.581	1.815	Map3k6	mitogen-activated protein kinase kinase kinase 6
1453920_a_at	2.97	5.74	5.018	4.77	5.863	1.815	Mospd2	motile sperm domain containing 2
1448416_at	10.49	7.92	6.713	10.248	10.854	1.813	Mgp	matrix Gla protein
1419735_at	10.49	7.768	6.499	12.416	12.956	1.809	Csnk	casein kappa
1419524_at	3.38	6.071	4.378	4.378	4.494	1.809	Tph1	tryptophan hydroxylase 1
1427870_x_at	3.96	3.625	4.042	4.043	6.262	1.802	Igh-4	immunoglobulin heavy chain 4 (serum IgG1)
1432115_a_at	2.74	5.941	5.592	4.488	5.931	1.792	Pign	phosphatidylinositol glycan, class N
1454713_s_at	10.49	9.042	7.962	7.084	7.794	1.79	Hdc	histidine decarboxylase
1423915_at	1.82	5.879	4.48	4.122	4.505	1.782	Olfml2b	olfactomedin-like 2B
1417500_a_at	10.49	9.658	8.457	8.243	8.822	1.78	Tgm2	transglutaminase 2, C polypeptide
1438957_x_at	10.49	8.38	7.03	7.163	7.591	1.778	Cds2	CDP-diacylglycerol synthase (phosphatidate cytidyltransferase) 2
1423952_a_at	6.33	5.733	4.241	7.727	8.013	1.778	Krt2-7	keratin complex 2, basic, gene 7
1448990_a_at	3.44	5.603	4.631	4.508	5.313	1.777	Myo1b	myosin IB
1448529_at	6.41	12.271	10.762	10.477	10.743	1.775	Thbd	thrombomodulin

Probe set	NLP	D.WT	D.E2	T.WT	T.E2	INT	Gene	Gene information
1428283_at	3.92	4.761	4.452	4.234	5.691	1.766	Cyp2s1	cytochrome P450, family 2, subfamily s, polypeptide 1
1451951_at	1.82	4.395	4.684	4.597	6.649	1.763	Igk-V8	Immunoglobulin light chain variable region (IGLV gene), clone F22-4
1455209_at	2.74	4.589	3.767	3.734	4.673	1.761	Pck1	MGC:46881 IMAGE:4973187)
1451939_a_at	2.97	5.934	4.39	4.472	4.688	1.76	Srpx	sushi-repeat-containing protein
1454959_s_at	3.71	6.603	5.013	4.814	4.977	1.753	Gnai1	guanine nucleotide binding protein, alpha inhibiting 1
1421407_at	5.73	5.995	5.725	4.932	6.414	1.752	F2r12	coagulation factor II (thrombin) receptor-like 2
1420330_at	10.49	10.654	9.496	8.739	9.328	1.747	Clec4e	C-type lectin domain family 4, member e
1427711_a_at	4.6	6.377	5.633	5.263	6.262	1.743	Ceacam1	CEA-related cell adhesion molecule 1
1423573_at	4.88	6.282	5.404	5.144	6.005	1.739	Srd5a2l	steroid 5 alpha-reductase 2-like
1449271_a_at	7.39	7.646	8.285	6.428	8.802	1.735	Hebp2	heme binding protein 2
1418589_a_at	4.88	5.5	4.695	4.215	5.14	1.73	Mlf1	myeloid leukemia factor 1
1429086_at	2.97	4.868	4.959	5.042	6.857	1.724	Grhl2	grainyhead-like 2 (Drosophila)
1426230_at	7.36	8.837	6.647	6.325	5.854	1.719	Sphk2	sphingosine kinase 2
1442566_at	4.88	7.692	6.423	5.87	6.317	1.716	C78878	expressed sequence C78878
1431691_a_at	5.45	9.989	10.141	7.874	9.737	1.711	Rab31	RAB31, member RAS oncogene family
1421493_a_at	3.68	4.96	4.015	3.959	4.721	1.707	Rgs20	regulator of G-protein signaling 20
1450863_a_at	2.75	5.347	4.212	4.227	4.798	1.706	Dcamk1l	double cortin and calcium/calmodulin-dependent protein kinase-like 1
1437354_at	3.02	5.836	5.471	3.978	5.315	1.702	08Rik	RIKEN cDNA C230091D08 gene
1419088_at	2.51	5.263	3.839	3.99	4.263	1.697	Timp3	tissue inhibitor of metalloproteinase 3
1423607_at	5.34	8.045	6.315	6.419	6.385	1.696	Lum	lumican
1451160_s_at	6.66	11.408	10.134	9.814	10.235	1.695	Pvr	poliovirus receptor
1451270_at	5.34	7.336	6.009	5.644	6.009	1.692	Dusp18	dual specificity phosphatase 18
1451060_at	2.97	5.343	3.981	4.074	4.403	1.691	Gpr146	G protein-coupled receptor 146
1422857_at	3.44	5.655	6.111	4.638	6.78	1.686	Trip4	thyroid hormone receptor interactor 4
1448481_at	4.5	6.419	6.194	4.839	6.293	1.679	Neu1	neuraminidase 1
1456003_a_at	5.72	7.654	7.459	7.078	8.56	1.677	Slc1a4	4
1450388_s_at	5.13	10.064	9.289	8.773	9.673	1.675	Twsg1	twisted gastrulation homolog 1 (Drosophila)
1449629_s_at	3.02	7.416	6.566	6.676	7.5	1.674	Snrpd3	IMAGE:3256792)
1420804_s_at	10.49	12.158	11.038	11.199	11.753	1.674	Clec4d	C-type lectin domain family 4, member d
1438661_a_at	4.97	6.41	5.023	5.154	5.436	1.669	Arf2	ADP-ribosylation factor 2
1431981_at	4.88	6.227	4.907	4.402	4.743	1.661	Hif1a	hypoxia inducible factor 1, alpha subunit
1449740_s_at	10.49	6.475	5.294	9.207	9.687	1.661	Dsg2	desmoglein 2
1452001_at	6.33	6.743	5.343	4.972	5.225	1.653	Nfe2	nuclear factor, erythroid derived 2
1421394_a_at	2.74	5.877	4.638	4.241	4.654	1.652	Birc4	baculoviral IAP repeat-containing 4
1425811_a_at	3.68	6.587	5.486	5.632	6.18	1.649	Csrp1	cysteine and glycine-rich protein 1
1417408_at	3.61	5.757	5.502	4.862	6.254	1.647	F3	coagulation factor III
1434745_at	10.49	10.622	9.873	8.816	9.712	1.645	Ccnd2	Cyclin D2 (Ccnd2), mRNA
1423597_at	1.87	5.369	4.336	4.385	4.991	1.639	Atp8a1	1
1425458_a_at	5.34	10.746	9.221	8.982	9.095	1.638	Grb10	growth factor receptor bound protein 10
1459911_at	6.87	8.195	7.098	6.792	7.327	1.632	24Rik	RIKEN cDNA D030068L24 gene
1426720_at	2.51	4.01	3.747	3.798	5.165	1.63	Apbb2	amyloid beta (A4) precursor protein-binding, family B, member 2
1449993_at	2.51	5.388	5.001	4.812	6.049	1.624	AF119384	cDNA sequence AF119384
1449741_at	10.49	7.076	6.035	9.421	10	1.62	Dsg2	Desmoglein 2 (Dsg2), mRNA
1417069_a_at	4.81	7.531	7.257	5.814	7.157	1.617	Gmfb	glia maturation factor, beta
1417884_at	4.44	8.346	7.713	7.275	8.253	1.611	Slc16a6	solute carrier family 16 (monocarboxylic acid transporters), member 6
1423393_at	10.49	11.964	10.916	9.962	10.522	1.608	Clic4	chloride intracellular channel 4 (mitochondrial)
1429301_at	2.74	6.439	5.758	4.831	5.758	1.608	Csnk2a2	casein kinase II, alpha 2, polypeptide
1427127_x_at	8.91	9.987	9.737	8.022	9.373	1.601	Hspa1a	heat shock protein 1A
1416398_at	3.71	7.635	6.404	5.709	6.077	1.599	Mesdc1	mesoderm development candidate 1
1416958_at	6.66	11.352	9.487	9.352	9.086	1.599	Nr1d2	nuclear receptor subfamily 1, group D, member 2
1424077_at	4.88	7.377	6.25	5.357	5.825	1.595	Gdpd1	glycerophosphodiester phosphodiesterase domain containing 1
1416773_at	8.59	9.397	7.803	7.803	7.803	1.594	Wee1	wee 1 homolog (S. pombe)

Probe set	NLP	D.WT	D.E2	T.WT	T.E2	INT	Gene	Gene information
1417263_at	6.33	6.537	5.21	5.015	5.281	1.593	Ptgs2	prostaglandin-endoperoxide synthase 2
1432027_a_at	4.88	6.065	4.981	4.832	5.336	1.588	Tbc1d14	TBC1 domain family, member 14
1420833_at	3.02	6.988	6.594	6.352	7.538	1.58	Vamp2	vesicle-associated membrane protein 2
1424453_at	5.86	5.548	5.078	3.773	4.876	1.573	Pcy1a	phosphate cytidyltransferase 1, choline, alpha isoform
1426314_at	6.87	8.35	7.921	6.578	7.72	1.571	Ednrb	endothelin receptor type B
1417461_at	10.49	5.58	5.122	8.62	9.73	1.568	Cap1	CAP, adenylate cyclase-associated protein 1 (yeast)
1418090_at	6.33	6.214	5.897	5.708	6.954	1.563	Plvap	plasmalemma vesicle associated protein
1421786_at	6.33	6.659	6.01	5.448	6.361	1.562	Ppp3r1	type I)
1421114_a_at	2.97	5.548	3.907	3.855	3.769	1.555	Dspg3	dermatan sulphate proteoglycan 3
1437543_at	5.34	8.493	8.284	6.311	7.655	1.553	Fubp1	far upstream element (FUSE) binding protein 1
1418350_at	5.45	9.082	7.426	7.095	6.989	1.55	Hbegf	heparin-binding EGF-like growth factor
1418665_at	6.33	7.563	7.548	7.147	8.677	1.545	Impa2	inositol (myo)-1(or 4)-monophosphatase 2
1416579_a_at	10.49	5.843	4.747	8.384	8.829	1.541	Tacstd1	tumor-associated calcium signal transducer 1
1418382_at	5.34	6.031	4.84	4.614	4.963	1.54	Apcdd1	adenomatosis polyposis coli down-regulated 1
1438978_x_at	2.51	5.468	4.073	3.954	4.097	1.538	Ndn	neudin
1427265_at	5.34	4.591	4.081	3.566	4.591	1.535	Bcr	breakpoint cluster region homolog
1425652_s_at	2.74	5.914	5.334	5.201	6.151	1.53	Rbpms	RNA binding protein gene with multiple splicing
1450871_a_at	6.68	9.711	8.587	7.796	8.2	1.528	Bcat1	branched chain aminotransferase 1, cytosolic
1418349_at	8.59	10.466	8.698	8.539	8.299	1.528	Hbegf	heparin-binding EGF-like growth factor
1419978_s_at	2.28	5.837	4.62	4.533	4.843	1.527	Oe	DNA segment, Chr 10, ERATO Doi 610, expressed
1436392_s_at	10.49	6.271	5.221	9.709	10.182	1.523	Tcfap2c	transcription factor AP-2, gamma
1450861_at	3.38	6.084	4.618	4.52	4.577	1.523	Fancc	Fanconi anemia, complementation group C
1424157_at	6.51	9.17	8.143	7.457	7.952	1.522	Ehd2	EH-domain containing 2
1418156_at	3.38	6.115	4.785	4.596	4.785	1.519	Kcne4	potassium voltage-gated channel, Isk-related subfamily, gene 4
1450209_at	2.74	5.354	4.412	4.387	4.96	1.515	Hoxd4	homeo box D4
1452363_a_at	6.66	8.343	7.63	7.201	7.999	1.511	Atp2a2	ATPase, Ca ⁺⁺ transporting, cardiac muscle, slow twitch 2
1427317_at	9.44	7.087	6.14	5.458	6.02	1.509	Kin	antigenic determinant of rec-A protein
1427526_at	7.36	5.759	4.614	4.027	4.387	1.505	Fgfr1op2	FGFR1 oncogene partner 2
1451796_s_at	8.91	7.102	5.635	5.092	5.127	1.502	Hdc	histidine decarboxylase
1448851_a_at	4.88	7.25	6.584	6.008	6.843	1.501	Dnajc5	DnaJ (Hsp40) homolog, subfamily C, member 5
1449226_at	3.68	6.789	5.717	5.198	5.627	1.501	Hic1	hypermethylated in cancer 1
1417867_at	3.38	5.862	5.81	6.59	5.032	-1.506	Adn	adipsin
1423286_at	2.12	4.106	4.106	5.416	3.905	-1.511	Cbln1	cerebellin 1 precursor protein
1423344_at	6.33	6.142	7.213	7.269	6.823	-1.517	Epor	erythropoietin receptor
1419321_at	3.71	4.293	4.297	5.945	4.428	-1.521	F7	coagulation factor VII
1419696_at	6.87	6.893	7.531	7.971	7.086	-1.523	Cd4	CD4 antigen
1418293_at	7.65	7.014	7.899	8.171	7.531	-1.525	Ifit2	interferon-induced protein with tetratricopeptide repeats 2
1419232_a_at	3.38	3.897	4.284	5.333	4.193	-1.527	Apoa1	apolipoprotein A-I
1420375_at	3.44	6.509	6.855	7.271	6.084	-1.533	Kif3a	kinesin family member 3A
1448599_s_at	2.51	5.713	6.3	7.64	6.693	-1.534	e	DNA segment, Chr 4, Wayne State University 114, expressed
1449052_a_at	4.59	7.77	8.454	8.866	8.016	-1.534	Dnmt3b	DNA methyltransferase 3B
1454875_a_at	6.87	6.347	6.103	7.277	5.492	-1.541	Rbbp4	retinoblastoma binding protein 4
1419086_at	2.74	4.073	4.268	5.615	4.268	-1.542	Fgfbp1	fibroblast growth factor binding protein 1
1438651_a_at	7.88	8.973	9.723	10.385	9.592	-1.543	Agtr1	angiotensin receptor-like 1
1449380_at	3.02	4.924	5.781	5.992	5.298	-1.551	Pacsin1	protein kinase C and casein kinase substrate in neurons 1
1455265_a_at	3.68	4.588	4.991	6.106	4.953	-1.556	Rgs16	regulator of G-protein signaling 16
1421251_at	2.12	3.832	4.146	5.451	4.208	-1.557	Zfp40	zinc finger protein 40
1434920_a_at	5.72	8.216	9.623	9.634	9.484	-1.557	Evl	Ena-vasodilator stimulated phosphoprotein
1450020_at	9.44	6.767	8.991	9.526	10.186	-1.564	Cx3cr1	chemokine (C-X3-C) receptor 1
1455530_at	8.09	9.609	10.411	10.666	9.902	-1.566	Igh-6	MGC:18788 IMAGE:4189350)
1424703_at	2.51	4.435	4.558	6.005	4.558	-1.57	Hemk1	HemK methyltransferase family member 1
1421902_at	2.28	4.132	4.301	5.714	4.301	-1.582	Ixl	intersex-like (Drosophila)

Probe set	NLP	D.WT	D.E2	T.WT	T.E2	INT	Gene	Gene information
1422542_at	5.16	8.854	10.283	10.216	10.051	-1.594	Gpr34	G protein-coupled receptor 34
1424697_at	4.88	6.027	6.955	7.244	6.553	-1.619	Dtwd1	DTW domain containing 1
1438677_at	2.51	6.108	6.392	6.963	5.624	-1.623	Pkp4	plakophilin 4
1449025_at	10.49	7.333	8.241	8.383	7.659	-1.632	Ifit3	interferon-induced protein with tetratricopeptide repeats 3
1451896_a_at	2.51	5.476	6.289	6.479	5.659	-1.633	Cherp	calcium homeostasis endoplasmic reticulum protein
1448640_at	5.86	5.094	5.898	6.455	5.625	-1.634	Slc14a1	solute carrier family 14 (urea transporter), member 1
1421450_a_at	2.15	4.697	5.781	6.439	5.888	-1.635	Map3k4	mitogen activated protein kinase kinase kinase 4
1424295_at	3.44	5.41	6.056	6.568	5.567	-1.647	Dppa3	developmental pluripotency-associated 3
1435202_at	2.12	4.256	4.991	5.852	4.928	-1.659	Zfp574	zinc finger protein 574
1419198_at	1.61	4.635	5.765	5.795	5.24	-1.685	Cbx8	chromobox homolog 8 (Drosophila Pc class)
1422122_at	7.36	4.954	5.894	6.82	6.059	-1.701	Fcer2a	Fc receptor, IgE, low affinity II, alpha polypeptide
1454041_at	1.59	3.816	4.029	5.524	4.029	-1.708	1e	DNA segment, Chr 14, ERATO Doi 581, expressed
1422814_at	5.73	5.826	7.061	6.933	6.459	-1.709	Aspm	asp (abnormal spindle)-like, microcephaly associated (Drosophila)
1421187_at	4.5	4.832	6.74	6.607	6.803	-1.712	Ccr2	chemokine (C-C motif) receptor 2
1450317_at	4.62	5.912	7.49	7.403	7.261	-1.72	Clec2g	C-type lectin domain family 2, member g
1421221_at	3.44	4.219	4.551	5.745	4.329	-1.748	Bcdo2	beta-carotene 9', 10'-dioxygenase 2
1421531_at	1.61	4.103	4.851	5.398	4.396	-1.75	Akap3	A kinase (PRKA) anchor protein 3
1420994_at	6.33	5.392	5.921	6.481	5.252	-1.758	B3gnt5	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 5
1423253_at	3.38	4.687	5.094	6.866	5.508	-1.765	Mpz	myelin protein zero
1425640_at	2.75	4.763	4.7	5.909	4.07	-1.776	Aff1	AF4/FMR2 family, member 1
1452166_a_at	3.38	3.874	4.145	5.637	4.117	-1.791	Krt1-10	keratin complex 1, acidic, gene 10
1435053_s_at	1.23	4.343	5.687	6.027	5.561	-1.81	Plekhh1	member 1
1460363_at	8.4	6.436	6.919	7.573	6.218	-1.838	Tnrc6c	trinucleotide repeat containing 6C
1435614_s_at	3.02	5.469	6.261	6.306	5.233	-1.865	Rasgrf1	RAS protein-specific guanine nucleotide-releasing factor 1
1424879_at	2.74	4.547	5.751	6.066	5.391	-1.879	Lrch4	leucine-rich repeats and calponin homology (CH) domain containing 4
1420191_s_at	2.88	5.453	5.717	6.221	4.595	-1.89	94e	DNA segment, Chr 16, Brigham & Women's Genetics 1494 expressed
1420353_at	2.51	4.031	4.23	5.973	4.279	-1.893	Lta	lymphotoxin A
1448609_at	3.92	4.029	5.171	6.264	5.487	-1.919	Tst	thiosulfate sulfurtransferase, mitochondrial
1423226_at	7.49	7.399	8.21	8.574	7.465	-1.92	Ms4a1	membrane-spanning 4-domains, subfamily A, member 1
1419908_at	5.86	6.431	7.571	8.007	7.223	-1.924	Uqcrb	Fc receptor-like mucin-like 1 (Fcr1m1), mRNA
1421037_at	3.02	5.067	6.411	7.066	6.468	-1.942	Npas2	neuronal PAS domain protein 2
1426896_at	4.5	5.21	6.242	7.215	6.255	-1.992	Zfp191	zinc finger protein 191
1419907_s_at	6.87	6.972	8.043	8.849	7.926	-1.994	Fcr1m1	Fc receptor-like mucin-like 1
1430986_at	7.36	4.629	5.079	6.629	5.017	-2.062	Fars1b	phenylalanine-tRNA synthetase-like, beta subunit
1452353_at	6.7	8.311	10.357	10.205	10.157	-2.094	Gpr155	G protein-coupled receptor 155
1419426_s_at	3.61	4.433	5.725	6.801	5.988	-2.105	Ccl21a ///	chemokine (C-C motif) ligand 21c (leucine)
1450570_a_at	3.68	4.255	5.473	6.78	5.87	-2.128	Cd19	CD19 antigen
1429782_at	9.44	5.200	5.969	7.084	5.672	-2.181	Grcc10	gene rich cluster, C10 gene
1424825_a_at	7.88	3.618	6.324	6.647	7.168	-2.185	Glycam1	glycosylation dependent cell adhesion molecule 1
1418287_a_at	3.71	4.005	4.085	6.361	4.213	-2.228	Dmbt1	deleted in malignant brain tumors 1
1434755_at	4.88	4.678	5.558	5.587	4.238	-2.229	Coro2b	coronin, actin binding protein, 2B
1427216_at	2.51	4.91	6.565	6.05	5.475	-2.23	Ifnz	interferon zeta
1419126_at	6.11	5.194	6.561	7.459	6.561	-2.265	Hoxd9	homeo box D9
1425994_a_at	2.51	4.573	5.031	6.162	4.282	-2.338	Asah2	N-acylsphingosine amidohydrolase 2
1450734_at	5.54	6.091	7.691	7.421	6.608	-2.413	Lztr2	leucine zipper transcription regulator 2
1459916_at	8.40	8.137	9.664	10.233	9.074	-2.686	Pax5	Paired box gene 5 (Pax5), mRNA
1416494_at	3.76	8.86	9.116	8.568	5.909	-2.915	Ndufs5	NADH dehydrogenase (ubiquinone) Fe-S protein 5
1449277_at	5.34	2.993	5.454	6.569	5.375	-3.655	Ccl19	chemokine (C-C motif) ligand 19