

Additional file 3

Affymetrix data from RNA samples, prepared from inguinal lymph nodes of three DA rats and three E3 rats injected with 150 µl pristane 8 days before analysis. The RNA samples were prepared and analyzed individually for these rats. The differentially expressed genes are presented as DA versus E3 rats. The Affymetrix data was analyzed statistically using the D-chip software and sorted on the absolute t-statistic. Fifteen genes with the highest probability of being downregulated and fifteen genes with the highest probability of being upregulated are presented. These thirty genes were regarded as differentially expressed by this method.

Up-regulated genes				
DAvsE3, LN, d8 (indiv.)				
Affy probe set	Description	Fold Change	t-statistic	p-value
X56596_at	MHC class II antigen RT1.B-1 beta-chain	43.4	10.5	0.00014
M10094_g_at	RT1 class Ib gene	5.9	7.4	0.00072
rc_Ai176589_at	ribosomal protein L27	4.3	6.1	0.00178
D49955_at	bone marrow stromal cell antigen 1	3.9	6.3	0.00153
rc_Ai171090_g_at	EST217038	2.9	6.9	0.001
J05495_at	Gal/GalNAc-specific lectin	2	5.7	0.00231
AF087943_s_at	CD14 antigen	1.9	7.2	0.00083
rc_AA894330_s_at	Ca ⁺⁺ /calmodulin-dependent protein kinase II, delta subunit	1.7	12.3	0.00006
rc_Ai232307_at	EST228995	1.7	6.4	0.00137
M64092_at	cAMP-dependent protein kinase inhibitor 2	1.5	7.2	0.00081
U24441_at	gelatinase B	1.5	6.5	0.00126
D37920_at	squalene epoxidase	1.5	5.7	0.00234
rc_Ai172064_at	beta-galactoside-binding lectin	1.4	5.9	0.00194
rc_Ai237731_s_at	Lipoprotein lipase	1.3	7.9	0.00053
rc_AA818593_g_at	phosphatidate phosphohydrolase type 2	1.3	5.8	0.00216
Down-regulated genes				
DAvsE3, LN, d8 (indiv.)				
Affy probe set	Description	Fold Change	t-statistic	p-value
U65217_i_at	MHC class II antigen RT1.B beta	-406.9	-8.6	0.00034
L07401_f_at	Ig rearranged gamma-chain	-5.8	-6.6	0.00119
X70871_at	Cyclin G1	-4.8	-6.8	0.00103
rc_Ai639510_at	rx02430	-3.4	-8.2	0.00044
U67994_at	DNA primase small subunit	-3.1	-9.3	0.00024
rc_Ai234828_g_at	EST231390	-3.1	-8.6	0.00036
rc_AA946503_at	EST202002	-3	-11.1	0.0001
AJ011608_at	DNA polymerase alpha subunit IV (primase)	-2.6	-6.9	0.00097
L23128_g_at	RT1 class Ib gene	-2.5	-7.2	0.00079
U67140_at	PSD-95/SAP90-associated protein-4	-2.4	-5.8	0.00212
X70667cds_at	melanocortin-3 receptor	-2.2	-5.8	0.00211
rc_Ai639203_at	rx03460	-1.7	-5.9	0.00205
rc_Ai145680_s_at	Solute carrier 16	-1.5	-6.2	0.00164
rc_AA899854_at	topoisomerase (DNA) II alpha	-1.4	-6.7	0.00111
rc_AA900199_s_at	cDNAclone	-1.3	-7.2	0.00082