

Additional file 7

Custom-made glass oligomer chip results from RNA samples, prepared from inguinal lymph nodes of five DA rats and five E3 rats injected with 150 μ l pristane 8 days before analysis. The DA rat RNA samples were prepared and analyzed individually in comparison with a pool of RNA from the five E3 rats. The differentially expressed genes are presented as DA versus E3 rats. The data were analyzed statistically using Statview software. All genes with t -test $P < 0.05$ are regarded as differentially expressed in this method, and genes with $P > 0.05$ but < 0.1 are regarded as genes with a tendency toward differential expression.

Down-regulated genes				
DAvsE3, LN, d8				
Accession No	Gene ID	Mean Fold Change	t-Value	P-Value
s81289	IgM kappa chain	-2.5	-11.4	0
I07399	immunoglobulin rearranged gamma-chain	-2	-7.8	0
s692061	protease 1 [rats. mast cells]	-2.1	-7.6	0
m14434	Ig active kappa-chain	-1.9	-6.6	0
ab0106351	carboxylesterase precursor	-2.5	-6.5	0
m15402	Ig active kappa-chain	-3	-5.2	0.01
d007531	contrapsin-like protease inhibitor related protein (CPI-26)	-2.3	-5.2	0.01
aa685903	similar to Glucose regulated protein. 94 kDa (GRP94)	-1.8	-4.8	0.01
af0104661	interferon gamma	-1.8	-4.8	0.01
d252901	K-cadherin	-1.7	-4.7	0.01
nm_0126751	tumour necrosis factor alpha	-1.7	-4.4	0.01
x004611	alpha-lactalbumin	-1.6	-5.6	0.01
I054891	heparin-binding EGF-like growth factor mRNA	-3.2	-5.3	0.01
nm_0131211	CD28	-2.2	-5.2	0.01
u313301	B7.2	-2	-3.6	0.02
ab0161601	GABAB receptor 1c	-1.7	-3.3	0.03
y077041	BEST5 mRNA for hypothetical protein	-1.7	-3.3	0.03
d004031	interleukin-1 alpha	-1.5	-3.1	0.04
d261121	FAS	-2.6	-3.1	0.04
af0264761	transcription factor USF-1 mRNA	-1.6	-2.8	0.05
x00923	immunoglobulin epsilon heavy chain	-2	-2.8	0.05
ab0055491	atypical PKC specific binding protein	-1.5	-2.8	0.05
j025851	liver stearyl-CoA desaturase mRNA	-1.5	-2.3	0.08
m980491	pancreatitis-associated protein (pap) mRNA	-1.6	-2.1	0.1
j014358	mitochondrial cytochrome oxidase subunits I.II. III genes	-1.1	-2.1	0.1
m639831	hypoxantin	-1.4	-2	0.1
j00710	rat casein-alpha	-1.6	-2	0.1
m772451	beta -chain clathrin associated protein complex AP-2	-1.7	-2	0.1
I120251	tumor-associated glycoprotein E4 (Tage4) mRNA	-1.8	-2	0.1
Up-regulated genes				
DAvsE3, LN, d8				
Accession No	Gene ID	Mean Fold Change	t-Value	P-Value
s814781	CL100 PTPase	1.6	4.1	0.02
u65217	MHC class II antigen RT1.B beta chain	4.1	3	0.04
x125351	ras-related protein p23	2.1	2.6	0.06
m293111	MHC class II-IA alpha	2.8	2.4	0.07
af0014171	zinc finger protein mRNA	1.6	2.2	0.09
m61725	transcription factor UBF2 mRNA	2.1	2	0.1
x56596	MHC class II antigen RT1.B-1 beta-chain	2.8	1.9	0.1