

Additional file 4

Taqman analysis was performed on five selected genes. Individual RNA samples from five pristane-injected DA and five E3 rats were analyzed. Differentially expressed genes with Mann–Whitney $P < 0.05$ are regarded as differentially expressed genes, and genes with $P < 0.1$ are regarded as genes with a tendency toward differential expression. *Cyclin G was expressed in all the E3 rats investigated, but it was not detectable in the DA rats.

Gene	Accession No	Fold change	t-test
Cyclin G1	X70871	Down-regulated*	*
DNA polymerase α IV (primase)	AJ011608	-3.46	0.02
gelatinase B	U24441	1.88	0.06
Ig rearranged γ -chain V-region	L07401	-2.05	0.11
bone marrow stromal cell antigen 1	D49955	-1.83	0.24