SUPPLEMENTAL METHODS

Testicular Apoptotic Cell Analysis

Testis sections were examined by a terminal deoxynucleotidyl transferase-mediated dUTP nick end labeling (TUNEL) assay (In situ cell death detection kit, Fluorescein, Roche Diagnostics, Mannheim, Germany) as per the manufacturer's protocols. Sections were deparaffinized and rehydrated. They were deproteinized by Proteinase K (20 mg/ml; Invitrogen, Carlsbad, CA) and then washed with PBS and then 25 µl of the enzyme-label solution mix was applied on the testis sections and incubated at 37ºC for 90 min. After PBS washes slides were mounted and kept at 4ºC until examination in a fluorescent microscope in dark field. Both testis sections of each slide were microscopically examined to identify and to count apoptotic germ cells by their bright fluorescence.

Bioinformatic and Statistic Analyses of MeDIP-Chip Data

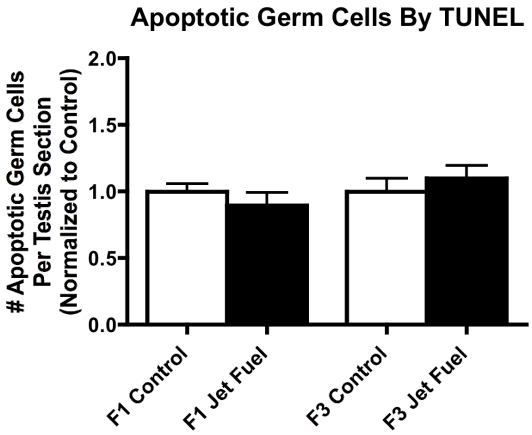
For each comparative hybridization experiment raw data from both the Cy3 and Cy5 channels were imported into R (R Development Core Team (2010), R: A language for statistical computing, R Foundation for Statistical Computing, Vienna, Austria. ISBN 3-900051-07-0, URL http://www.R-project.org), checked for quality and converted to MA values (M = Cy5-Cy3; A = (Cy5+Cy3)/2). The following normalization procedure was conducted. Within each array probes were separated into groups by GC content and each group was separately normalized between Cy3 and Cy5 using the loess normalization procedure. This allowed for GC groups to receive a normalization curve specific to that group. After each array was normalized within array, the arrays were then normalized across arrays using the A quantile normalization procedure. Following normalization each probe within each array was subjected to a smoothing procedure whereby the probe's normalized M values were replaced with the median value of all probe normalized M values across all arrays within a 600 bp window. If the number of probes present

in the window was less than 3 then no value was assigned to that probe. Each probe's A values were likewise smoothed using the same procedure. Following normalization and smoothing each probe's M value represents the median intensity difference between jet fuel F3 generation lineage and control F3 generation lineage of a 600 bp window. Significance was assigned to probe differences between jet fuel F3 generation lineage samples and control F3 generation lineage samples by calculating the median value of the intensity differences as compared to a normal distribution scaled to the experimental mean and standard deviation of the normalized M. A Z-score and P-value were computed for each probe from that distribution. The statistical analysis was performed in pairs of comparative IP hybridizations between jet fuel (J) and controls (C) (e.g. J1-C1 and J2-C2; J1-C1 and J3-C3; J2-C2 and J3-C3). In order to assure the reproducibility of the candidates obtained, only the candidates showing significant changes in all of the single paired comparisons were chosen as a having a significant change in DNA methylation between jet fuel and control lineages. This is a stringent approach to select for changes because it only considers repeated changes in all paired analysis. Clustered Regions of interest were then determined by combining consecutive probes within 600 bases of each other and based on whether their mean M values were positive or negative with significance P-values less than 10^{-5}. The statistically significant differential DNA methylated regions (DMR) were identified and a P-value associated with each region presented. Each region of interest was then annotated for gene and CpG content. This list was further reduced to those regions with an average intensity value exceeding 9.5 (log scale) and a CpG density ≥ 1 CpG/100 bp.

Supplemental Figure Legends

Supplemental Figure S1. Testicular spermatogenic cell apoptosis as assessed by terminal deoxynucleotidyl transferase dUTP nick end labeling (TUNEL) in F1 and F3 generation control (open bars) and jet fuel lineage (closed bars) rats. Number of apoptotic germ cells were normalized to control means. No increase in spermatogenic cell apoptosis in jet fuel lineage rats was found.

Supplemental Figure S1



Supplemental Table S1A. Body weight and organ weights in F1 and F3 generation male rats of control and jet fuel lineages (mean ± standard error).

Generation	Lineage	Sex	Body Weight (grams)	Testis (% BW)	Prostate (% BW)	Sem. Vesicle (% BW)	Epididymis (% BW)	Kidney (% BW)
F1	Control	M	545.3	0.7599	0.2239	0.1395	0.2585	0.3821
			± 8.66	± 0.0154	± 0.0076	± 0.0092	± 0.0045	± 0.0092
F1	Jet fuel	M	553.1	0.7798	0.2130	0.1347	0.2513	0.3767
			± 16.21	± 0.0374	± 0.0077	± 0.0081	± 0.0084	± 0.0083
F3	Control	M	515.80	0.8153	0.1970	0.1330	0.2628	0.3791
			± 6.09	± 0.0102	± 0.0041	± 0.0038	± 0.0028	± 0.0010
F3	Jet fuel	M	564.5***	0.7826	0.2039	0.1350	0.2643	0.3917
			± 10.58	± 0.0265	± 0.0085	± 0.0062	± 0.0090	± 0.0012

Asterisks (***), if present, indicate statistically significant differences between means of control and jet fuel lineage rats ($P<0.001$). All animals were analyzed so n value as follows: F1 control male 22, F1 jet fuel male 12, F3 control male 56, and F3 jet fuel male 36.

Supplemental Table S1B. Body weight and organ weights in F1 and F3 generation female rats of control and jet fuel lineages (mean ± standard error).

Generation	Lineage	Sex	Body Weight (grams)	Ovaries (% BW)	Uterus (% BW)	Kidney (% BW)
F1	Control	F	310.9	0.0532	0.2589	0.3276
			± 6.15	± 0.0032	± 0.0209	± 0.0127
F1	Jet fuel	F	302.4	0.0464	0.3189	0.3522
			± 4.77	± 0.0023	± 0.0317	± 0.0063
F3	Control	F	293.6	0.0501	0.3883	0.3567
			± 2.31	± 0.0011	± 0.0150	± 0.0036
F3	Jet fuel	F	313.1***	0.0509	0.3663	0.3498
			± 4.23	± 0.0018	± 0.0256	± 0.0053

Asterisks (***), if present, indicate statistically significant differences between means of control and jet fuel lineage rats ($P<0.001$). All animals were analyzed so n value as follows: F1 control female 20, F1 jet fuel female 19, F3 control female 69 and F3 jet fuel female 34.

Supplemental Table S2A. Individual disease incidence in F1 generation female rats of control and jet fuel lineages.

Animal	Animal ID	Sex	Age	Puberty	PFL	PCO	Kidney	Tumor	Obesity	Total Disease
C1	DCS0-1-1-1	F	1 Yr	-	-	-	-	-	-	
C2	DCS0-1-1-2	F	1 Yr	-			-	-	-	
C3	DCS0-1-1-3	F	1 Yr	-			+	-	-	1
C4	DCR1-1-2-1	F	1 Yr	-	-	-	-	-	-	
C5	DCR1-1-2-2	F	1 Yr	-			-	-	-	
C6	DCR1-1-2-3	F	1 Yr	-				+	-	1
C7	DCB1-1-3-1	F	1 Yr	-			-	-	-	
C8	DCB1-1-3-2	F	1 Yr	-				-	-	
C9	DCF1-1-4-1	F	1 Yr	-	-	-	-	+	-	1
C10	DCF1-1-4-2	F	1 Yr	-	-	-	-	-	-	
C11	DCF1-1-4-3	F	1 Yr	-	-	-	+	-	-	1
C12	DCL1-1-5-1	F	1 Yr	-	+	-	+	-	-	2
C13	DCL1-1-5-2	F	1 Yr	-			-	-	-	
C14	DCL1-1-5-3	F	1 Yr	-	-	-	-	-	-	
C15	DCM2-1-6-1	F	1 Yr	-	-	-	-	-	-	
C16	DCM2-1-6-2	F	1 Yr	+			-	-	-	1
C17	DCM2-1-6-3	F	1 Yr	+	-	-	-	-	-	1
C18	DCF0-1-7-1	F	1 Yr	-			-	-	-	
C19	DCF0-1-7-2	F	1 Yr	-			-	-	-	
C20	DCF0-1-7-3	F	1 Yr	-			-	-	-	
J1	DJT1-1-1-1	F	1 Yr	+	+	+	-	-	-	3
J2	DJT1-1-1-2	F	1 Yr	+	+	+	+	-	-	4
J3	DJT1-1-1-3	F	1 Yr	+	+	+	+	-	-	4

J4	DJT1-1-1-4	F	1 Yr	+	+	+	+	-	-	4
J5	DJT1-1-1-5	F	1 Yr	+	+	+	-	-	-	3
J6	DJA0-1-2-1	F	1 Yr	-	+	+	+	-	-	3
J7	DJA0-1-2-2	F	1 Yr	-				-	-	
J8	DJL2-1-3-1	F	1 Yr	-	+	+	-	-	-	2
J9	DJL2-1-3-2	F	1 Yr	-				+	-	1
J10	DJW0-1-4-1	F	1 Yr	-	+	+	+	-	-	3
J11	DJW0-1-4-2	F	1 Yr	-	+	+	-	-	-	2
J12	DJW0-1-4-3	F	1 Yr	-			-	-	-	
J13	DJZ2-1-5-1	F	1 Yr	-			+	-	-	1
J14	DJZ2-1-5-2	F	1 Yr	-			+	-	-	1
J15	DJZ2-1-5-3	F	1 Yr	-			+	-	-	1
J16	DJZ2-1-5-4	F	1 Yr	-			+	-	-	1
J17	DJZ2-1-5-5	F	1 Yr	-			-	-	-	
J18	DJZ2-1-5-6	F	1 Yr	-			+	-	-	1
J19	DJZ2-1-5-12	F	1 Yr	-			-	-	-	

PFL – Primordial follicle loss; PCO- Polycystic ovaries; Animal IDs starting in DC indicate control lineage rats. Animal IDs starting in DJ indicate jet fuel lineage rats. The number of animals per litter (litter representation) mean ± SEM used for each specific disease/abnormality was found not to be statistically different between the control versus jet fuel lineage animals.

Supplemental Table S2 B. Individual disease incidence in F1 generation male rats of control and jet fuel lineages.

Animal	Animal ID	Sex	Age	Puberty	Testis	Prostate	Kidney	Tumor	Obesity	Total Disease
C1	DCS0-1-1-5	M	1 Yr	-	+	-	-	-	-	1
C2	DCS0-1-1-6	M	1 Yr	-	-	-	-	-	-	
C3	DCR1-1-2-5	M	1 Yr	-	-	-	-	-	-	
C4	DCR1-1-2-6	M	1 Yr	-		-	-	-	-	
C5	DCR1-1-2-7	M	1 Yr	-		+	-	-	-	1
C6	DCR1-1-2-8	M	1 Yr	-	-	-	-	-	-	
C7	DCB1-1-3-3	M	1 Yr	-	+	-	-	-	-	1
C8	DCB1-1-3-4	M	1 Yr	-	-	-	-	-	-	
C9	DCF1-1-4-6	M	1 Yr	-	-	-	-	-	-	
C10	DCF1-1-4-7	M	1 Yr	+	-	+	-	-	-	2
C11	DCF1-1-4-8	M	1 Yr	-	-	-	-	-	-	
C12	DCF1-1-4-9	M	1 Yr	+	-	-	-	-	-	1
C13	DCL1-1-5-6	M	1 Yr	-	-	-	-	-	-	
C14	DCL1-1-5-7	M	1 Yr	-	-	+	-	-	-	1
C15	DCL1-1-5-8	M	1 Yr	-	-	-	-	-	-	
C16	DCL1-1-5-9	M	1 Yr	-	-	+	-	-	-	1
C17	DCM2-1-6-7	M	1 Yr	+	-	+	-	-	-	2
C18	DCM2-1-6-9	M	1 Yr	+	+	-	-	-	-	2
C19	DCM2-1-6-10	M	1 Yr	-	+	-	-	-	-	1
C20	DCF0-1-7-5	M	1 Yr	-		-	-	-	-	
C21	DCF0-1-7-6	M	1 Yr	-	-	-	+	-	-	1
C22	DCF0-1-7-7	M	1 Yr	-	-	-	-	-	-	
J1	DJT1-1-1-6	M	1 Yr	+	-	-	-	-	-	1

J2	DJA0-1-2-5	M	1 Yr	-	-	+	+	-	-	2
J3	DJA0-1-2-7	M	1 Yr	+	-	+	+	-	-	3
J4	DJA0-1-2-8	M	1 Yr	+	-	+	+	-	-	3
J5	DJL2-1-3-7	M	1 Yr	-	-	+		-	-	1
J6	DJL2-1-3-8	M	1 Yr	+	+	+	-	-	-	3
J7	DJW0-1-4-5	M	1 Yr	-	-	-		-	-	
J8	DJW0-1-4-6	M	1 Yr	-	-	+		-	-	1
J9	DJZ2-1-5-8	M	1 Yr	+	-	+	-	-	-	2
J10	DJZ2-1-5-9	M	1 Yr	-	+	-	+	-	-	2
J11	DJZ2-1-5-10	M	1 Yr	+		-	-	-	-	1
J12	DJZ2-1-5-11	M	1 Yr	-		-	+	-	-	1

Animal IDs starting in DC indicate control lineage rats; Animal IDs starting in DJ indicate jet fuel lineage rats. The number of animals per litter (litter representation) mean ± SEM used for each specific disease/abnormality was found not to be statistically different between the control versus jet fuel lineage animals.

Supplemental Table S3A Individual disease incidence in F3 generation female rats of control and jet fuel lineages.

Animal	Animal ID	Sex	Age	Puberty	PFL	PCO	Kidney	Tumor	Obesity	Total Disease
C1	DCF1-3-1-2	F	1 Yr	-			-	-	-	
C2	DCF1-3-1-3	F	1 Yr	-			-	-	-	
C3	DCF1-3-1-4	F	1 Yr	-			-	-	-	
C4	DCF1-3-1-5	F	1 Yr	-				-	-	
C5	DCS0-3-2-2	F	1 Yr	-			-	-	-	
C6	DCS0-3-2-3	F	1 Yr	-	-	-	-	-	-	
C7	DCS0-3-2-4	F	1 Yr	-				-	-	
C8	DCS0-3-2-5	F	1 Yr	-				-	-	
C9	DCL1-3-3-2	F	1 Yr	-	-	-	+	-	-	1
C10	DCL1-3-3-3	F	1 Yr	-				+	-	1
C11	DCB1-3-4-2	F	1 Yr	-			-	-	-	
C12	DCB1-3-4-3	F	1 Yr	-			-	-	-	
C13	DCB1-3-4-4	F	1 Yr	-			-	-	-	
C14	DCB1-3-4-5	F	1 Yr	-	-	-		-	-	
C15	DCB1-3-4-6	F	1 Yr	-				-	-	
C16	DCS0-3-5-2	F	1 Yr	-			+	-	-	1
C17	DCS0-3-5-3	F	1 Yr	-			-	-	-	
C18	DCS0-3-5-4	F	1 Yr	-			-	-	-	
C19	DCS0-3-5-5	F	1 Yr	-			-	-	-	
C20	DCS0-3-5-6	F	1 Yr	-	-	-		-	-	
C21	DCS0-3-6-2	F	1 Yr	-			+	-	-	1
C22	DCS0-3-6-3	F	1 Yr	-	+	-	-	-	-	1
C23	DCB1-3-7-2	F	1 Yr	-	-	-		-	-	
C24	DCB1-3-7-3	F	1 Yr	-			-	-	-	

Animal	Animal ID	Sex	Age	Puberty	PFL	PCO	Kidney	Tumor	Obesity	Total Disease
C25	DCB1-3-7-4	F	1 Yr	-				-	-	
C26	DCB1-3-7-5	F	1 Yr	-				-	-	
C27	DCB1-3-7-6	F	1 Yr	-				-	-	
C28	DCR1-3-8-2	F	1 Yr	-	-	-		-	-	
C29	DCR1-3-8-3	F	1 Yr	-			-	-	-	
C30	DCR1-3-8-4	F	1 Yr	-			-	-	-	
C31	DCR1-3-8-5	F	1 Yr	-				-	-	
C32	DCF1-3-9-2	F	1 Yr	-	-	-		-	-	
C33	DCF1-3-9-3	F	1 Yr	-			-	-	-	
C34	DCF1-3-9-4	F	1 Yr	+			-	-	-	1
C35	DCF1-3-9-5	F	1 Yr					-	-	
C36	DCB1-3-10-2	F	1 Yr	-				-	-	
C37	DCB1-3-10-3	F	1 Yr	-	-	-	-	-	-	
C38	DCB1-3-10-4	F	1 Yr	-			-	-	-	
C39	DCL1-3-11-2	F	10 m.	-				+	-	1
C40	DCL1-3-11-3	F	1 Yr	-			-	-	-	
C41	DCL1-3-11-4	F	1 Yr	-			-	-	-	
C42	DCL1-3-11-5	F	1 Yr	-			-	-	-	
C43	DCL1-3-11-6	F	1 Yr	-				-	-	
C44	DCL1-3-11-8	F	11 m.	-				+	-	1
C45	DCB1-3-12-2	F	1 Yr	-				-	-	
C46	DCB1-3-12-3	F	1 Yr	-			-	-	-	
C47	DCL1-3-13-1	F	1 Yr	-			-	-	-	
C48	DCL1-3-13-2	F	1 Yr	-				-	-	
C49	DCL1-3-13-3	F	1 Yr	-			-	-	-	
C50	DCS0-3-14-2	F	1 Yr	-				-	-	

C51	DCS0-3-14-3	F	1 Yr	-			-	-	-	
C52	DCL1-3-15-2	F	1 Yr	+			-	-	-	1
C53	DCL1-3-15-3	F	1 Yr	+			+	-	-	2
C54	DCL1-3-15-4	F	1 Yr	+			+	-	-	2
C55	DCL1-3-15-5	F	1 Yr	-				-	-	
C56	DCS0-3-16-2	F	1 Yr	-				-	-	
C57	DCS0-3-16-3	F	1 Yr	-			-	-	-	
C58	DCS0-3-16-4	F	1 Yr	-			-	-	-	
C59	DCS0-3-16-5	F	1 Yr	-				-	-	
C60	DCR1-3-17-1	F	1 Yr	-				-	-	
C61	DCR1-3-17-2	F	1 Yr	-			-	-	-	
C62	DCR1-3-17-3	F	1 Yr	-			-	-	-	
C63	DCR1-3-17-4	F	1 Yr	+				-	-	1
C64	DCS0-3-18-2	F	1 Yr					-	-	
C65	DCS0-3-18-3	F	1 Yr				-	-	-	
C66	DCS0-3-18-4	F	1 Yr				-	-	-	
C67	DCF1-3-19-1	F	1 Yr	-				-	-	
C68	DCF1-3-19-2	F	1 Yr	-			-	-	-	
C69	DCF1-3-19-3	F	11 m.	-				+	-	1

J1	DJL2-3-1-3	F	1 Yr	-	-	+		-	+	2
J2	DJL2-3-1-4	F	1 Yr	-				-	-	
J3	DJL2-3-1-5	F	9 m.	-				-	-	
J4	DJZ2-3-3-4	F	1 Yr	-			-	-	-	

J5	DJZ2-3-3-5	F	1 Yr	-			-	-	-	
J6	DJZ2-3-3-6	F	1 Yr	+			-	-	-	1
J7	DJA0-3-4-3	F	1 Yr	-			-	-	-	
J8	DJA0-3-4-4	F	1 Yr	-			-	-	-	
J9	DJA0-3-4-5	F	1 Yr	-			-	-	-	
J10	DJW0-3-5-3	F	1 Yr	-	-	+	-	-	-	1
J11	DJT1-3-6-3	F	1 Yr	-	+	+	-	-	-	2
J12	DJL2-3-7-3	F	1 Yr	-	+	+	-	-	-	2
J13	DJA0-3-8-3	F	1 Yr	-	+	+	-	-	-	2
J14	DJA0-3-8-4	F	1 Yr	-			-	-	-	
J15	DJA0-3-8-5	F	1 Yr	-			-	-	-	
J16	DJA0-3-8-6	F	1 Yr	-				-	-	
J17	DJZ2-3-9-3	F	1 Yr	-	+	+	-	-	-	2
J18	DJZ2-3-9-4	F	1 Yr				-	-	-	
J19	DJZ2-3-9-5	F	1 Yr				+	-	-	1
J20	DJZ2-3-9-6	F	10 m.					+	-	1
J21	DJZ2-3-10-1	F	1 Yr	-	+	+	-	+	-	3
J22	DJZ2-3-10-2	F	1 Yr	-			-	-	-	
J23	DJZ2-3-10-3	F	1 Yr	-			+	-	-	1
J24	DJZ2-3-10-4	F	1 Yr	-				-	-	
J25	DJL2-3-11-1	F	1 Yr	+			+	-	+	3
J26	DJL2-3-11-2	F	1 Yr	+			-	-	+	2
J27	DJL2-3-11-3	F	1 Yr	+	+	+	-	-	+	4
J28	DJL2-3-11-4	F	1 Yr	+				-	-	1
J29	DJL2-3-11-5	F	1 Yr	-				-	-	
J30	DJA0-2-12-2	F	1 Yr	-			-	-	-	
J31	DJA0-3-12-3	F	1 Yr	-			-	-	-	
J32	DJA0-3-12-4	F	1 Yr	-	-	+	-	-	-	1

J33	DJA0-3-12-5	F	1 Yr	-	+	-	1
J34	DJAO-3-12-7	F	1 Yr	-	+	-	1

PFL – Primordial follicle loss; PCO- Polycystic ovaries; Animal IDs starting in DC indicate control lineage rats. Animal IDs starting in DJ indicate jet fuel lineage rats. The number of animals per litter (litter representation) mean ± SEM used for each specific disease/abnormality was found not to be statistically different between the control versus jet fuel lineage animals.

Supplemental Table 3S B. Individual disease incidence in F3 generation male rats of control and jet fuel lineages.

Animal	Animal ID	Sex	Age	Puberty	Testis	Prostate	Kidney	Tumor	Obesity	Total Disease
C1	DCF1-3-1-8	M	1 Yr	-	+		-	-	-	1
C2	DCF1-3-1-9	M	1 Yr	-		-	-	-	-	
C3	DCF1-3-1-10	M	1 Yr	-		-	+	-	-	1
C4	DCS0-3-2-11	M	1 Yr	-	-	-	-	-	-	
C5	DCS0-3-2-12	M	1 Yr	-	-	-	-	-	-	
C6	DCS0-3-2-13	M	1 Yr	-	-		-	-	-	
C7	DCL1-3-3-6	M	1 Yr	-	-	-		-	-	
C8	DCL1-3-3-7	M	1 Yr	-	-	-		-	-	
C9	DCB1-3-4-9	M	1 Yr	-	-	+	-	-	-	1
C10	DCB1-3-4-10	M	1 Yr	-	-	-	-	-	-	
C11	DCB1-3-4-11	M	1 Yr	-	-	-	-	-	-	
C12	DCB1-3-4-12	M	1 Yr	-				-	-	
C13	DCB1-3-4-13	M	1 Yr	-				-	-	
C14	DCS0-3-5-9	M	1 Yr	-	-		-	-	-	
C15	DCS0-3-5-10	M	1 Yr	-	-	-	-	-	-	
C16	DCS0-3-5-11	M	1 Yr	-	-	-	-	-	-	
C17	DCS0-3-6-6	M	1 Yr	-	-		-	-	-	
C18	DCS0-3-6-7	M	1 Yr	-	-	-	-	-	-	
C19	DCS0-3-6-8	M	1 Yr	-	+	-	-	-	-	1
C20	DCB1-3-7-9	M	1 Yr	-	-		+	-	-	1
C21	DCB1-3-7-10	M	1 Yr	-	-	-	-	-	-	
C22	DCB1-3-7-11	M	1 Yr	-	-	-	-	-	-	
C23	DCR1-3-8-7	M	1 Yr	-	-	-	-	-	-	
C24	DCR1-3-8-8	M	1 Yr	-	-	-	-	-	-	

C25	DCF1-3-9-11	M	1 Yr	-	-	-		-	-	
C26	DCF1-3-9-12	M	1 Yr	-	-			-	-	
C27	DCF1-3-9-13	M	1 Yr	+	-			-	-	1
C28	DCB1-3-10-9	M	9 m.	-	-	-	-	+	-	1
C29	DCB1-3-10-10	M	1 Yr	-		-	-	-	-	
C30	DCB1-3-10-11	M	1 Yr	-	-	-	-	-	-	
C31	DCB1-3-10-12	M	1 Yr	-	+	-	-	-	-	1
C32	DCB1-3-10-13	M	11 m.	-		-		+	-	1
C33	DCL1-3-11-9	M	1 Yr	-	-		-	-	-	
C34	DCL1-3-11-10	M	1 Yr	-	-	+	-	-	-	1
C35	DCL1-3-11-11	M	1 Yr	-	-	-	-	-	-	
C36	DCB1-3-12-6	M	1 Yr	-	-	-	-	-	-	
C37	DCB1-3-12-7	M	1 Yr	-	+	+	-	-	-	2
C38	DCB1-3-12-8	M	1 Yr	-	+	-	-	-	-	1
C39	DCL1-3-13-4	M	1 Yr	-	-	-	-	-	-	
C40	DCS0-3-14-5	M	1 Yr	-	-	-	-	-	-	
C41	DCS0-3-14-6	M	1 Yr	-	-	-		-	-	
C42	DCS0-3-14-7	M	1 Yr	-	-	-	-	-	-	
C43	DCL1-3-15-7	M	1 Yr	+	-	-	-	-	-	1
C44	DCL1-3-15-8	M	1 Yr	+	-	+	-	-	-	2
C45	DCL1-3-15-9	M	1 Yr	+	-	-	-	-	-	1
C46	DCS0-3-16-9	M	1 Yr	-	-	-	-	-	-	
C47	DCS0-3-16-10	M	1 Yr	-	-	-	-	-	-	
C48	DCS0-3-16-11	M	1 Yr	-	-	-	-	-	-	
C49	DCS0-3-16-13	M	1 Yr	-				-	-	
C50	DCR1-3-17-6	M	1 Yr	-		-	-	-	-	
C51	DCS0-3-18-10	M	1 Yr			-	+	-	-	1
C52	DCS0-3-18-11	M	1 Yr		+	-	+	-	-	2

C53	DCS0-3-18-12	M	1 Yr		-		-	-	-	
C54	DCF1-3-19-4	M	1 Yr	-	-		-	-	-	
C55	DCF1-3-19-5	M	1 Yr	-	-	-		-	-	
C56	DCF1-3-19-6	M	1 Yr	-	-	-	-	-	-	

Animal	Animal ID	Sex	Age	Puberty	Testis	Prostate	Kidney	Tumor	Obesity	Total Disease
J1	DJL2-3-1-8	M	1 Yr	-	-	-	-	-	-	
J2	DJL2-3-1-9	M	1 Yr	-	-	-	-	-	-	
J3	DJL2-3-1-10	M	1 Yr	-	-	-		-	+	1
J4	DJZ2-3-2-3	M	1 Yr	-	-	-	-	-	-	
J5	DJZ2-3-3-11	M	1 Yr	-	-	-	-	-	-	
J6	DJZ2-3-3-13	M	1 Yr	-	-	-	-	-	-	
J7	DJZ2-3-3-14	M	1 Yr	-	-	-	-	-	-	
J8	DJW0-3-5-6	M	1 Yr	-	-	-	-	-	-	
J9	DJW0-3-5-7	M	1 Yr	-	-	-	-	-	-	
J10	DJW0-3-5-8	M	1 Yr	-	-	-	-	-	-	
J11	DJT1-3-6-7	M	1 Yr	-	+	-	-	-	-	1
J12	DJT1-3-6-8	M	1 Yr	-	+	+	-	-	-	2
J13	DJT1-3-6-9	M	1 Yr	-	-	+	-	-	+	2
J14	DJT1-3-6-10	M	1 Yr	-				-	-	
J15	DJL2-3-7-7	M	1 Yr	-	-	-	-	-	-	
J16	DJL2-3-7-8	M	1 Yr	-	+	-	-	-	-	1
J17	DJL2-3-7-9	M	1 Yr	-	-		-	-	-	
J18	DJA0-3-8-10	M	1 Yr	-	-	-	-	-	+	1
J19	DJA0-3-8-11	M	1 Yr	-	-	-	-	-	-	
J20	DJA0-3-8-12	M	1 Yr	-	-	+	-	-	-	1

J21	DJZ2-3-9-9	M	10 m.	-				-	-	
J22	DJZ2-3-9-10	M	1 Yr	-	+	-	-	-	-	1
J23	DJZ2-3-9-11	M	1 Yr	-	+	-	-	-	-	1
J24	DJZ2-3-9-12	M	1 Yr	-	-		-	-	-	
J25	DJZ2-3-10-6	M	1 Yr	-	+	+	-	-	-	2
J26	DJZ2-3-10-7	M	1 Yr	-	-	+	-	-	+	2
J27	DJZ2-3-10-8	M	1 Yr	-	-	-	-	-	-	
J28	DJZ2-3-10-9	M	8 m.	-			-	-	-	
J29	DJL2-3-11-6	M	1 Yr	+	+	-	-	-	-	2
J30	DJL2-3-11-7	M	1 Yr	-	+	+	-	-	-	2
J31	DJL2-3-11-8	M	1 Yr	-	-	-		-	-	
J32	DJL2-3-11-9	M	1 Yr	-	-	-	-	-	+	1
J33	DJA0-3-12-9	M	1 Yr	-		-	-	-	-	
J34	DJA0-3-12-10	M	1 Yr	+	-	-	-	-	-	1
J35	DJA0-3-12-11	M	1 Yr	-	-	+	-	-	-	1
J36	DJA0-3-12-12	M	1 Yr	+				-	+	2

Animal IDs starting in DC indicate control lineage rats; Animal IDs starting in DJ indicate jet fuel group rats. The number of animals per litter (litter representation) mean ± SEM used for each specific disease/abnormality was found not to be statistically different between the control versus jet fuel lineage animals.