

Table 5b

Analysis of Carcinogenic Potential in Female Rat
Test of Dose-Response (Tumor) Positive Linear Trend

Source: C:\VIOXX\RATSTUFF\animal.dat

Note: Dose Levels Included: CTRL LOW MED HIGH (0 2 5 8)

Missing value in Tumor-Caused Death is treated as tumor not causing death

Tumor Type: IN: Incidental (nonfatal) tumor, FA: Fatal tumor.

ORGAN/TISSUE NAME AND TUMOR NAME	(ORG#) (TMR#)	TUMOR TIME TYPES STRATA	ROW NO.	2xC CONTINGENCY -----TABLE-----	EXACT PROB	ASYMP TOTIC	ASYMP(CONTI NUITY CORR)
SMALL INTESTINE	(11000)	IN 79-91	1	1 0 0 0	1.0000	0.8495	0.8880
LEIOMYOMA	(2030)	IN 79-91	2	9 12 6 5			
Spontaneous tumor pct: <= 1% in ctrl. - Total			-	1 0 0 0			
SMALL INTESTINE	(11000)	IN 53-78	1	0 0 1 0	0.4615	0.3114	0.3657
ADENOCARCINOMA	(60)	IN 53-78	2	11 3 4 7			
Spontaneous tumor pct: <= 1% in ctrl. - Total			-	0 0 1 0			
LIVER	(14000)	IN 104-106	1	0 0 2 0	0.1930	0.1392	0.1669
HEPATOCELLULAR ADENOMA	(1660)	IN 104-106	2	64 24 27 23			
Spontaneous tumor pct: <= 1% in ctrl. - Total			-	0 0 2 0			
LIVER	(14000)	IN 104-106	1	2 0 1 0	0.7593	0.7233	0.7545
HEPATOCELLULAR CARCINOMA	(1670)	IN 104-106	2	62 24 28 23			
Spontaneous tumor pct: 2% in ctrl. - Total			-	2 0 1 0			
LIVER BILE DUCT	(14058)	IN 104-106	1	0 0 0 1	0.1643	0.0395	0.0558
ADENOMA	(70)	IN 104-106	2	64 24 29 22			
Spontaneous tumor pct: <= 1% in ctrl. - Total			-	0 0 0 1			
PANCREAS ISLET	(18073)	IN 53-78	1	1 0 0 0	0.7037	0.7073	0.7282
ADENOMA	(70)	IN 53-78	2	10 3 5 7			
		IN 92-103	1	0 0 0 1			
		IN 92-103	2	11 8 9 8			
		IN 104-106	1	4 0 0 1			
		IN 104-106	2	60 24 29 22			
Spontaneous tumor pct: 5% in ctrl. - Total			-	5 0 0 2			
ADRENAL	(22000)	IN 79-91	1	0 1 0 0	0.1016	0.0892	0.1009
PHEOCHROMOCYTOMA	(3060)	IN 79-91	2	10 11 6 5			
		IN 92-103	1	0 0 1 0			
		IN 92-103	2	11 8 8 9			
		IN 104-106	1	0 1 2 1			
		IN 104-106	2	64 23 27 22			
Spontaneous tumor pct: <= 1% in ctrl. - Total			-	0 2 3 1			
ADRENAL CORTEX	(22080)	IN 104-106	1	1 1 0 0	0.7928	0.7868	0.8193
CARCINOMA	(410)	IN 104-106	2	63 23 29 23			
Spontaneous tumor pct: <= 1% in ctrl. - Total			-	1 1 0 0			
ADRENAL CORTEX	(22080)	IN 79-91	1	0 1 0 0	0.5159	0.4953	0.5207
ADENOMA	(70)	IN 79-91	2	10 11 6 5			
		IN 92-103	1	1 0 0 0			
		IN 92-103	2	10 8 9 9			
		IN 104-106	1	2 1 0 2			
		IN 104-106	2	62 23 29 21			
Spontaneous tumor pct: 3% in ctrl. - Total			-	3 2 0 2			
PARATHYROID	(27000)	IN 104-106	1	0 1 0 1	0.1930	0.1392	0.1669
ADENOMA	(70)	IN 104-106	2	64 23 29 22			
Spontaneous tumor pct: <= 1% in ctrl. - Total			-	0 1 0 1			
PITUITARY	(29000)	IN 0-52	1	0 1 0 0	0.8928	0.8892	0.8927
ADENOMA	(70)	IN 0-52	2	3 2 1 6			
		IN 53-78	1	3 2 2 1			
		IN 53-78	2	5 1 3 5			
		IN 79-91	1	4 1 4 1			
		IN 79-91	2	1 2 0 2			
		IN 92-103	1	6 3 5 3			
		IN 92-103	2	1 1 0 3			

IN 104-106	1	52	20	20	17				
IN 104-106	2	12	4	9	5				
FA 46	1	1	0	0	0				
FA 46	2	96	48	49	45				
FA 64	1	1	0	0	0				
FA 64	2	93	47	48	44				
FA 76	1	1	0	0	1				
FA 76	2	88	44	45	38				
FA 77	1	1	0	0	0				
FA 77	2	86	44	45	38				
FA 79	1	0	3	0	0				
FA 79	2	85	41	44	37				
FA 81	1	0	0	1	0				
FA 81	2	84	41	42	36				
FA 83	1	0	2	0	0				
FA 83	2	83	39	42	36				
FA 85	1	0	0	0	1				
FA 85	2	83	39	42	35				
FA 86	1	1	0	0	0				
FA 86	2	82	38	41	34				
FA 87	1	1	1	0	0				
FA 87	2	81	37	41	34				
FA 88	1	1	0	0	0				
FA 88	2	80	37	40	33				
FA 90	1	1	1	1	1				
FA 90	2	77	36	39	32				
FA 91	1	1	2	0	0				
FA 91	2	76	32	39	32				
FA 94	1	1	1	0	0				
FA 94	2	74	30	38	30				
FA 95	1	1	0	1	0				
FA 95	2	71	30	37	29				
FA 96	1	1	1	2	0				
FA 96	2	69	29	35	29				
FA 97	1	0	1	0	1				
FA 97	2	69	27	34	28				
FA 99	1	1	0	0	1				
FA 99	2	66	27	32	26				
FA 100	1	0	0	0	1				
FA 100	2	66	27	32	25				
FA 101	1	0	0	1	0				
FA 101	2	65	26	31	24				
FA 103	1	0	1	0	0				
FA 103	2	64	25	30	23				
FA 104	1	0	0	0	1				
FA 104	2	64	24	29	22				
Spontaneous tumor pct: 78%	in ctrl. - Total	-	78	40	37	29			
THYROID PARAFOLLICULAR CE (31099)	IN 104-106	1	2	1	0	0	0.9069	0.8790	0.8973
CARCINOMA (410)	IN 104-106	2	62	23	29	23			
Spontaneous tumor pct: 2%	in ctrl. - Total	-	2	1	0	0			
THYROID PARAFOLLICULAR CE (31099)	IN 0-52	1	0	0	0	1	0.4614	0.4517	0.4672
ADENOMA (70)	IN 0-52	2	4	3	1	5			
	IN 79-91	1	0	1	0	0			
	IN 79-91	2	10	11	6	5			
	IN 92-103	1	0	2	1	1			
	IN 92-103	2	11	6	8	8			
	IN 104-106	1	5	4	3	1			
	IN 104-106	2	59	20	26	22			
Spontaneous tumor pct: 5%	in ctrl. - Total	-	5	7	4	3			
THYROID FOLLICULAR CELL (31413)	IN 92-103	1	1	0	0	0	1.0000	0.9560	0.9641
ADENOMA (70)	IN 92-103	2	10	8	9	9			
	IN 104-106	1	2	0	0	0			
	IN 104-106	2	62	24	29	23			
Spontaneous tumor pct: 3%	in ctrl. - Total	-	3	0	0	0			
KIDNEY (33000)	FA 102	1	1	0	0	0	1.0000	0.8164	0.8575
LIPOSARCOMA (2090)	FA 102	2	64	26	31	23			
Spontaneous tumor pct: <= 1%	in ctrl. - Total	-	1	0	0	0			
KIDNEY (33000)	IN 79-91	1	0	1	0	0	0.6970	0.6210	0.6878
ADENOMA (70)	IN 79-91	2	10	11	6	5			
Spontaneous tumor pct: <= 1%	in ctrl. - Total	-	0	1	0	0			

URINARY BLADDER TRANSITIO (36406)	IN 104-106 1	0 0 1 0	0.3714 0.2225 0.2749
PAPILLOMA (2910)	IN 104-106 2	64 24 28 23	
Spontaneous tumor pct: <= 1% in ctrl. - Total	-	0 0 1 0	
OVARY (40000)	IN 104-106 1	1 0 1 1	0.2303 0.1717 0.1974
GRANULOSA CELL TUMOR (1560)	IN 104-106 2	63 24 28 22	
Spontaneous tumor pct: <= 1% in ctrl. - Total	-	1 0 1 1	
UTERUS (42000)	IN 104-106 1	0 1 1 0	0.4158 0.3523 0.3968
FIBROMA (1330)	IN 104-106 2	64 23 28 23	
Spontaneous tumor pct: <= 1% in ctrl. - Total	-	0 1 1 0	
UTERUS (42000)	IN 79-91 1	2 0 1 0	0.9843 0.9753 0.9781
POLYP (3250)	IN 79-91 2	8 12 5 5	
	IN 92-103 1	0 1 0 0	
	IN 92-103 2	11 7 9 9	
	IN 104-106 1	6 1 1 0	
	IN 104-106 2	58 23 28 23	
Spontaneous tumor pct: 8% in ctrl. - Total	-	8 2 2 0	
UTERUS (42000)	FA 72 1	0 1 0 0	0.5929 0.6163 0.6774
SCHWANNOMA (3475)	FA 72 2	92 45 47 41	
Spontaneous tumor pct: <= 1% in ctrl. - Total	-	0 1 0 0	
UTERUS (42000)	IN 104-106 1	0 0 1 0	0.3714 0.2225 0.2749
ADENOCARCINOMA (60)	IN 104-106 2	64 24 28 23	
Spontaneous tumor pct: <= 1% in ctrl. - Total	-	0 0 1 0	
VAGINA (46000)	IN 104-106 1	1 0 0 0	1.0000 0.8136 0.8547
NEUROFIBROSARCOMA (2550)	IN 104-106 2	63 24 29 23	
Spontaneous tumor pct: <= 1% in ctrl. - Total	-	1 0 0 0	
VAGINA (46000)	IN 53-78 1	1 0 0 0	0.6051 0.5767 0.6123
POLYP (3250)	IN 53-78 2	9 3 5 7	
	IN 104-106 1	0 0 0 1	
	IN 104-106 2	64 24 29 22	
	FA 76 1	1 0 0 0	
	FA 76 2	88 44 45 39	
Spontaneous tumor pct: 2% in ctrl. - Total	-	2 0 0 1	
SKIN (59000)	IN 104-106 1	1 1 0 0	0.9162 0.8863 0.9036
FIBROMA (1330)	IN 104-106 2	63 23 29 23	
	FA 54 1	1 0 0 0	
	FA 54 2	94 47 49 44	
Spontaneous tumor pct: 2% in ctrl. - Total	-	2 1 0 0	
MAMMARY GLAND (61000)	IN 53-78 1	1 0 0 1	0.3177 0.3111 0.3190
FIBROADENOMA (1320)	IN 53-78 2	8 2 5 6	
	IN 79-91 1	2 1 2 0	
	IN 79-91 2	7 11 4 5	
	IN 92-103 1	2 4 4 1	
	IN 92-103 2	8 2 4 6	
	IN 104-106 1	18 9 15 7	
	IN 104-106 2	46 15 14 16	
	FA 53 1	1 0 0 0	
	FA 53 2	95 47 49 44	
	FA 64 1	1 0 0 0	
	FA 64 2	93 47 48 44	
	FA 75 1	0 1 0 0	
	FA 75 2	91 44 45 40	
	FA 91 1	1 0 0 0	
	FA 91 2	76 34 39 32	
	FA 92 1	0 1 0 0	
	FA 92 2	75 31 38 32	
	FA 94 1	0 0 0 1	
	FA 94 2	75 31 38 29	
	FA 97 1	0 0 1 0	
	FA 97 2	69 28 33 29	
	FA 98 1	1 0 0 0	
	FA 98 2	67 27 33 27	
	FA 100 1	0 1 0 0	
	FA 100 2	66 26 32 26	
	FA 101 1	0 0 0 1	
	FA 101 2	65 26 32 23	
Spontaneous tumor pct: 27% in ctrl. - Total	-	27 17 22 11	

MAMMARY GLAND	(61000	)	IN 104-106	1	1	0	0	0			
CARCINOSARCOMA	(420	)	IN 104-106	2	63	24	29	23		1.0000	0.9014 0.9202
			FA 88	1	1	0	0	0			
			FA 88	2	80	37	40	33			
Spontaneous tumor pct: 2%			in ctrl. - Total	-	2	0	0	0			
MAMMARY GLAND	(61000	)	IN 53-78	1	1	0	0	0		0.9821	0.9788 0.9801
ADENOCARCINOMA	(60	)	IN 53-78	2	8	2	4	6			
			IN 79-91	1	0	3	1	0			
			IN 79-91	2	8	9	4	5			
			IN 92-103	1	1	3	3	0			
			IN 92-103	2	9	5	6	9			
			IN 104-106	1	14	3	3	2			
			IN 104-106	2	50	21	26	21			
			FA 52	1	0	1	0	0			
			FA 52	2	96	47	49	44			
			FA 68	1	0	1	0	1			
			FA 68	2	92	46	47	42			
			FA 75	1	1	0	0	0			
			FA 75	2	90	45	45	40			
			FA 78	1	1	0	1	0			
			FA 78	2	85	44	44	38			
			FA 79	1	0	0	1	0			
			FA 79	2	85	44	43	37			
			FA 80	1	1	0	0	0			
			FA 80	2	84	41	43	36			
			FA 82	1	1	0	0	0			
			FA 82	2	83	41	42	36			
			FA 95	1	1	0	0	0			
			FA 95	2	71	30	38	29			
Spontaneous tumor pct: 21%			in ctrl. - Total	-	21	11	9	3			
MAMMARY GLAND	(61000	)	IN 79-91	1	0	2	0	0		0.4703	0.4470 0.4725
ADENOMA	(70	)	IN 79-91	2	10	10	6	5			
			IN 92-103	1	1	0	0	1			
			IN 92-103	2	10	8	9	8			
			IN 104-106	1	1	1	0	1			
			IN 104-106	2	63	23	29	22			
Spontaneous tumor pct: 2%			in ctrl. - Total	-	2	3	0	2			
NOSE NASOLACRIMAL DUCT	(63516	)	FA 87	1	0	0	1	0		0.3846	0.2372 0.2911
SQUAMOUS CELL CARCINOMA	(3610	)	FA 87	2	82	38	40	34			
Spontaneous tumor pct: <= 1%			in ctrl. - Total	-	0	0	1	0			
THYMUS	(81000	)	IN 104-106	1	0	0	0	1		0.3598	0.2875 0.3284
THYMOMA	(3790	)	IN 104-106	2	64	24	29	22			
			FA 73	1	1	0	0	0			
			FA 73	2	91	45	47	41			
Spontaneous tumor pct: <= 1%			in ctrl. - Total	-	1	0	0	1			
BRAIN	(89000	)	IN 92-103	1	0	1	0	0		0.0395	0.0246 0.0291
GLIOMA	(1468	)	IN 92-103	2	11	7	9	7			
			IN 104-106	1	0	0	0	1			
			IN 104-106	2	64	24	29	22			
			FA 90	1	0	1	0	0			
			FA 90	2	78	36	40	33			
			FA 93	1	0	0	0	1			
			FA 93	2	75	31	38	31			
			FA 97	1	0	0	0	1			
			FA 97	2	69	28	34	28			
Spontaneous tumor pct: <= 1%			in ctrl. - Total	-	0	2	0	3			
BRAIN	(89000	)	IN 92-103	1	0	1	0	0		0.8641	0.8391 0.8657
GRANULAR CELL TUMOR	(1535	)	IN 92-103	2	11	7	9	9			
			IN 104-106	1	1	0	0	0			
			IN 104-106	2	63	24	29	23			
Spontaneous tumor pct: <= 1%			in ctrl. - Total	-	1	1	0	0			
STOMACH NONGLANDULAR MUCO	(9027	)	IN 92-103	1	0	1	0	0		0.5044	0.4346 0.4804
PAPILLOMA	(2910	)	IN 92-103	2	11	7	9	9			
			IN 104-106	1	0	0	1	0			
			IN 104-106	2	64	24	28	23			
Spontaneous tumor pct: <= 1%			in ctrl. - Total	-	0	1	1	0			

SPINAL CORD	(91000)	FA 89	1	1	0	0	0	1.0000	0.8267	0.8658
GLIOMA	(1468)	FA 89	2	78	37	40	33			
Spontaneous tumor pct: <= 1% in ctrl. - Total			-	1	0	0	0			
EYE	(95000)	IN 79-91	1	0	0	1	0	0.3333	0.2173	0.2743
MELANOMA	(2250)	IN 79-91	2	10	12	5	5			
Spontaneous tumor pct: <= 1% in ctrl. - Total			-	0	0	1	0			
EAR ZYMBAL'S GLAND	(97485)	FA 87	1	0	0	0	1	0.1744	0.0439	0.0616
CARCINOMA	(410)	FA 87	2	82	38	41	33			
Spontaneous tumor pct: <= 1% in ctrl. - Total			-	0	0	0	1			
PRIMARY SITE UNDETERMINED	(98000)	IN 92-103	1	0	0	1	0	0.8546	0.8426	0.8562
HISTIOCYTIC SARCOMA	(1715)	IN 92-103	2	7	8	8	9			
		IN 104-106	1	1	0	0	1			
		IN 104-106	2	63	24	29	22			
		FA 85	1	0	1	0	0			
		FA 85	2	83	38	42	36			
		FA 94	1	2	0	0	0			
		FA 94	2	73	31	38	30			
		FA 97	1	1	0	0	0			
		FA 97	2	68	28	34	29			
		FA 100	1	1	0	0	0			
		FA 100	2	65	27	32	26			
Spontaneous tumor pct: 5% in ctrl. - Total			-	5	1	1	1			
PRIMARY SITE UNDETERMINED	(98000)	FA 19	1	1	0	0	0	1.0000	0.8327	0.8701
LEUKEMIA	(2050)	FA 19	2	99	50	50	49			
Spontaneous tumor pct: <= 1% in ctrl. - Total			-	1	0	0	0			
PRIMARY SITE UNDETERMINED	(98000)	IN 92-103	1	0	0	0	1	0.2432	0.0775	0.1037
LYMPHOMA	(2150)	IN 92-103	2	11	8	9	8			
Spontaneous tumor pct: <= 1% in ctrl. - Total			-	0	0	0	1			

(End of File)

APPEARS THIS WAY
ON ORIGINAL

TABLE 6a

Number of Animals Died
 Species: Mouse
 Sex: Male

	Treatment Group					Total
	CTRL	LOW	MED	HIGH	MAXI	
	Count	Count	Count	Count	Count	
Time Interval						
0-52	6	5	7	6	7	31
53-78	3	6	5	13	9	36
79-91	11	3	7	4	5	30
92-103	19	5	8	8	6	46
104-105	61	31	23	19	23	157
Total	100	50	50	50	50	300

APPEARS THIS WAY
ON ORIGINAL

APPEARS THIS WAY
ON ORIGINAL

Source: C:\VIOXX\MOUSESTUFF1\animal.dat

TABLE 6b

Number of Animals Died
 Species: Mouse
 Sex: Female

	Treatment Group					Total
	CTRL	LOW	MED	HIGH	MAXI	
	Count	Count	Count	Count	Count	Count
Time Interval						
0-52	6	1	1	1	3	12
53-78	17	6	7	4	5	39
79-91	10	4	3	6	7	30
92-103	11	8	9	7	10	45
104-105	56	31	30	32	25	174
Total	100	50	50	50	50	300

APPEARS THIS WAY
 ON ORIGINAL

APPEARS THIS WAY
 ON ORIGINAL

Source: C:\VIOXX\MOUSESTUFF1\animal.dat

Table 7a

INTERCURRENT MORTALITY RATES

Species: Mouse

Sex: Male

	Dose														
	CTRL			LOW			MED			HIGH			MAXI		
	Num. of Dead	Num. at Risk	Cumu Pct. Died	Num. of Dead	Num. at Risk	Cumu Pct. Died	Num. of Dead	Num. at Risk	Cumu Pct. Died	Num. of Dead	Num. at Risk	Cumu Pct. Died	Num. of Dead	Num. at Risk	Cumu Pct. Died
Time (- wks)															
0-52	6	100	6.0	5	50	10.0	7	50	14.0	6	50	12.0	7	50	14.0
53-78	3	94	9.0	6	45	22.0	5	43	24.0	13	44	38.0	9	43	32.0
79-91	11	91	20.0	3	39	28.0	7	38	38.0	4	31	46.0	5	34	42.0
92-103	19	80	39.0	5	36	38.0	8	31	54.0	8	27	62.0	6	29	54.0
104- 105	61	100	61.0	31	50	62.0	23	50	46.0	19	50	38.0	23	50	46.0

APPEARS THIS WAY
ON ORIGINAL

Source: C:\VIOXX\MOUSESTUFF1\animal.dat

Table 7b

INTERCURRENT MORTALITY RATES

Species: Mouse
Sex: Female

	Dose														
	CTRL			LOW			MED			HIGH			MAXI		
	Num. of Dead	Num. at Risk	Cumu Pct. Died	Num. of Dead	Num. at Risk	Cumu Pct. Died	Num. of Dead	Num. at Risk	Cumu Pct. Died	Num. of Dead	Num. at Risk	Cumu Pct. Died	Num. of Dead	Num. at Risk	Cumu Pct. Died
Time (- wks)															
0-52	6	100	6.0	1	50	2.0	1	50	2.0	1	50	2.0	3	50	6.0
53-78	17	94	23.0	6	49	14.0	7	49	16.0	4	49	10.0	5	47	16.0
79-91	10	77	33.0	4	43	22.0	3	42	22.0	6	45	22.0	7	42	30.0
92-103	11	67	44.0	8	39	38.0	9	39	40.0	7	39	36.0	10	35	50.0
104- 105	56	100	56.0	31	50	62.0	30	50	60.0	32	50	64.0	25	50	50.0

APPEARS THIS WAY
ON ORIGINAL

Source: C:\VIOXX\MOUSESTUFF1\animal.dat

Table 8a**Dose-Mortality Trend Tests**

This test is run using Trend and Homogeneity Analyses of Proportions and Life Table Data Version 2.1, by Donald G. Thomas, National Cancer Institute

Species: Mouse

Sex: Male

Method	Time-Adjusted Trend Test	Statistic	P Value
Cox	Dose-Mortality Trend	7.87	0.0050
	Depart from Trend	4.19	0.2418
	Homogeneity	12.05	0.0170
Kruskal-Wallis	Dose-Mortality Trend	9.73	0.0018
	Depart from Trend	3.84	0.2790
	Homogeneity	13.57	0.0088

APPEARS THIS WAY
ON ORIGINAL

Table 8b

Dose-Mortality Trend Tests

This test is run using Trend and Homogeneity Analyses of Proportions and Life Table Data Version 2.1, by Donald G. Thomas, National Cancer Institute

Species: Mouse
Sex: Female

Method	Time-Adjusted Trend Test	Statistic	P Value
Cox	Dose-Mortality Trend	0.00	0.9616
	Depart from Trend	2.88	0.4110
	Homogeneity	2.88	0.5783
Kruskal-Wallis	Dose-Mortality Trend	0.03	0.8553
	Depart from Trend	3.34	0.3423
	Homogeneity	3.37	0.4976

APPEARS THIS WAY
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Table 9 (Part D)

Selected Organs and Organ Codes for Mouse Study

3000 SALIVARY GLAND
9026 STOMACH GLANDULAR MUCOSA
9038 STOMACH PYLORUS
11000 SMALL INTESTINE
12000 LARGE INTESTINE
14000 LIVER
16000 GALLBLADDER
18014 PANCREAS ACINUS
18073 PANCREAS ISLET
22000 ADRENAL
22080 ADRENAL CORTEX
22084 ADRENAL MEDULLA
25000 PARAGANGLION
27000 PARATHYROID
29000 PITUITARY
31099 THYROID PARAFOLLICULAR CELL
31413 THYROID FOLLICULAR CELL
33000 KIDNEY
40000 OVARY
42000 UTERUS
42144 UTERUS ENDOMETRIAL STROMA
42404 UTERUS BROAD LIGAMENT
46000 VAGINA
49000 TESTIS
49157 TESTIS LEYDIG CELL
49158 TESTIS RETE TESTIS
53000 SEMINAL VESICLE
55000 COAGULATING GLAND
59000 SKIN
61000 MAMMARY GLAND
71000 LUNG
77000 SPLEEN
84308 BONE CRANIAL AND FACIAL BONES
87000 SKELETAL MUSCLE
89000 BRAIN
95000 EYE
95409 EYE HARDERIAN GLAND
96000 TAIL
97000 EAR
98000 PRIMARY SITE UNDETERMINED

APPEARS THIS WAY
ON ORIGINAL

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Table 9 (Part II)

Tumors and Tumor Codes for Mouse Study

60	ADENOCARCINOMA
70	ADENOMA
410	CARCINOMA
780	CYSTADENOMA
1330	FIBROMA
1350	FIBROSARCOMA
1560	GRANULOSA CELL TUMOR
1570	HEMANGIOMA
1580	HEMANGIOSARCOMA
1660	HEPATOCELLULAR ADENOMA
1670	HEPATOCELLULAR CARCINOMA
1715	HISTIOCYTIC SARCOMA
1970	KERATOACANTHOMA
2030	LEIOMYOMA
2040	LEIOMYOSARCOMA
2050	LEUKEMIA
2080	LIPOMA
2095	LUTEOMA
2150	LYMPHOMA
2270	MENINGIOMA
2295	MESENCHYMAL TUMOR
2405	MYOEPITHELIOMA
2770	OSTEOSARCOMA
2910	PAPILLOMA
2930	PARAGANGLIOMA
3060	PHEOCHROMOCYTOMA
3250	POLYP
3420	RHABDOMYOSARCOMA
3460	SARCOMA
3475	SCHWANNOMA
3520	SERTOLI CELL TUMOR
3585	SPINDLE CELL TUMOR
3610	SQUAMOUS CELL CARCINOMA
3860	TRICHOEPITHELIOMA

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ON ORIGINAL

TABLE 10a

**ANALYSIS OF CARCINOGENIC POTENTIAL IN MALE MOUSE
TEST OF DOSE-RESPONSE (TUMOR) POSITIVE LINEAR TREND**

Source: C:\VIOXX\MOUSESTUFF1\animal.dat

Note: Dose Levels Included: CTRL LOW MED HIGH MAXI (0 5 10 20 30)
Missing value in Tumor-Caused Death is treated as tumor not causing death
Tumor Type: IN: Incidental (nonfatal) tumor, FA: Fatal tumor.

ORGAN/TISSUE NAME AND TUMOR NAME	(ORG#) (TMR#)	TUMOR TIME TYPES STRATA	ROW NO.	2xC CONTINGENCY -----TABLE-----	EXACT PROB	ASYMP TOTIC	ASYMP (CONTI NUITY CORR)
SMALL INTESTINE ADENOCARCINOMA	(11000 60)	) IN 104-105	1	1 0 0 0 0	1.0000	0.8073	0.8199
Spontaneous tumor pct: <= 1% in ctrl. - Total			-	1 0 0 0 0			
LARGE INTESTINE ADENOCARCINOMA	(12000 60)	) IN 92-103) IN 104-105	1 2	0 1 0 0 0 19 4 8 8 6	0.7525	0.7631	0.7714
Spontaneous tumor pct: <= 1% in ctrl. - Total			-	0 3 0 0 0			
LIVER HEMANGIOMA	(14000 1570)	) IN 104-105	1 2	0 0 0 1 0 61 31 23 18 23	0.2675	0.1574	0.1689
Spontaneous tumor pct: <= 1% in ctrl. - Total			-	0 0 0 1 0			
LIVER HEMANGIOSARCOMA	(14000 1580)	) IN 104-105	1 2	1 0 1 0 0 60 31 22 19 23	0.6961	0.7147	0.7259
Spontaneous tumor pct: <= 1% in ctrl. - Total			-	1 0 1 0 0			
LIVER HEPATOCELLULAR ADENOMA	(14000 1660)	) IN 53-78) IN 53-78 IN 79-91 IN 79-91 IN 92-103 IN 92-103 IN 104-105 IN 104-105	1 2 1 2 1 2 1 2	0 0 0 0 1 3 6 5 13 8 1 0 2 0 0 10 3 5 3 5 5 0 0 2 0 14 5 8 6 5 9 4 0 1 3 52 27 23 18 20	0.5028	0.4936	0.4972
Spontaneous tumor pct: 15% in ctrl. - Total			-	15 4 2 4 6			
LIVER HEPATOCELLULAR CARCINOMA	(14000 1670)	) IN 53-78) IN 53-78 IN 92-103 IN 92-103 IN 104-105 IN 104-105	1 2 1 2 1 2	0 1 0 0 0 3 5 5 13 8 1 1 0 2 0 16 4 8 6 5 2 2 1 1 2 59 29 22 18 21	0.1720	0.1568	0.1596
Spontaneous tumor pct: 5% in ctrl. - Total			-	5 4 1 3 4			
LIVER HEPATOCELLULAR ADENOMA	(16000 2910)	) IN 104-105) IN 104-105	1 2	3 2 0 0 0 58 29 23 19 23	0.9703	0.9385	0.9410
Spontaneous tumor pct: 3% in ctrl. - Total			-	3 2 0 0 0			
PANCREAS ACINUS ADENOMA	(18014 70)	) IN 53-78) IN 53-78 IN 104-105 IN 104-105	1 2 1 2	0 0 0 0 1 3 6 5 13 8 0 0 1 0 0 61 31 22 19 23	0.2205	0.1732	0.1820
Spontaneous tumor pct: <= 1% in ctrl. - Total			-	0 0 1 0 1			

PANCREAS ISLET	(18073)	IN 104-105	1	1	0	0	0	1	0.3220	0.2231	0.2331
ADENOMA	(70)	IN 104-105	2	60	31	23	19	22			
Spontaneous tumor pct:	<= 1%	in ctrl.	-	1	0	0	0	1			
ADRENAL	(22000)	IN 79-91	1	0	0	1	0	0	0.3835	0.3686	0.3743
SPINDLE CELL TUMOR	(3585)	IN 79-91	2	11	3	6	4	5			
		IN 104-105	1	4	1	1	1	2			
		IN 104-105	2	57	30	22	18	21			
Spontaneous tumor pct:	4%	in ctrl.	-	4	1	2	1	2			
ADRENAL CORTEX	(22080)	IN 53-78	1	0	0	1	0	1	0.2611	0.2507	0.2531
ADENOMA	(70)	IN 53-78	2	3	6	4	13	8			
		IN 79-91	1	1	1	0	0	0			
		IN 79-91	2	10	2	7	4	5			
		IN 92-103	1	1	0	1	2	1			
		IN 92-103	2	18	5	7	6	5			
		IN 104-105	1	17	6	11	7	6			
		IN 104-105	2	44	25	12	12	17			
Spontaneous tumor pct:	19%	in ctrl.	-	19	7	13	9	8			
ADRENAL MEDULLA	(22084)	IN 104-105	1	1	0	1	0	0	0.8558	0.8345	0.8412
PHEOCHROMOCYTOMA	(3060)	IN 104-105	2	60	31	22	19	23			
		FA 83	1	1	0	0	0	0			
		FA 83	2	88	39	38	31	31			
Spontaneous tumor pct:	2%	in ctrl.	-	2	0	1	0	0			
PITUITARY	(29000)	IN 104-105	1	0	1	0	0	0	0.5491	0.5946	0.6074
ADENOMA	(70)	IN 104-105	2	61	30	23	19	23			
		FA 83	1	0	0	1	0	0			
		FA 83	2	89	39	37	31	31			
Spontaneous tumor pct:	<= 1%	in ctrl.	-	0	1	1	0	0			
SALIVARY GLAND	(3000)	IN 104-105	1	0	0	1	0	0	0.4140	0.4726	0.4913
MYOEPITHELIOMA	(2405)	IN 104-105	2	61	31	22	19	23			
Spontaneous tumor pct:	<= 1%	in ctrl.	-	0	0	1	0	0			
THYROID FOLLICULAR CELL	(31413)	IN 79-91	1	1	0	0	0	0	1.0000	0.8322	0.8434
ADENOMA	(70)	IN 79-91	2	10	3	7	4	5			
Spontaneous tumor pct:	<= 1%	in ctrl.	-	1	0	0	0	0			
KIDNEY	(33000)	FA 89	1	1	0	0	0	0	1.0000	0.8096	0.8222
MESENCHYMAL TUMOR	(2295)	FA 89	2	83	38	33	29	29			
Spontaneous tumor pct:	<= 1%	in ctrl.	-	1	0	0	0	0			
KIDNEY	(33000)	IN 92-103	1	0	0	0	1	0	0.3272	0.2331	0.2433
CARCINOMA	(410)	IN 92-103	2	19	5	7	7	6			
		FA 93	1	0	0	1	0	0			
		FA 93	2	80	34	30	27	28			
Spontaneous tumor pct:	<= 1%	in ctrl.	-	0	0	1	1	0			
TESTIS	(49000)	IN 104-105	1	0	1	0	0	0	0.6115	0.6553	0.6724
HEMANGIOMA	(1570)	IN 104-105	2	61	30	23	19	23			
Spontaneous tumor pct:	<= 1%	in ctrl.	-	0	1	0	0	0			
TESTIS	(49000)	IN 92-103	1	0	0	0	1	0	0.3043	0.1662	0.1782
HEMANGIOSARCOMA	(1580)	IN 92-103	2	19	5	8	7	6			
Spontaneous tumor pct:	<= 1%	in ctrl.	-	0	0	0	1	0			
TESTIS LEYDIG CELL	(49157)	FA 82	1	1	0	0	0	0	1.0000	0.8119	0.8244
CARCINOMA	(410)	FA 82	2	89	39	38	31	32			
Spontaneous tumor pct:	<= 1%	in ctrl.	-	1	0	0	0	0			
TESTIS LEYDIG CELL	(49157)	IN 79-91	1	1	0	0	0	1	0.8242	0.8105	0.8140
ADENOMA	(70)	IN 79-91	2	10	3	7	4	4			
		IN 104-105	1	6	2	1	2	0			
		IN 104-105	2	55	29	22	17	23			
Spontaneous tumor pct:	7%	in ctrl.	-	7	2	1	2	1			
TESTIS RETE TESTIS	(49158)	IN 104-105	1	0	0	1	0	0	0.4140	0.4726	0.4913
ADENOMA	(70)	IN 104-105	2	61	31	22	19	23			
Spontaneous tumor pct:	<= 1%	in ctrl.	-	0	0	1	0	0			
SEMINAL VESICLE	(53000)	IN 104-105	1	1	0	0	0	0	1.0000	0.8073	0.8199
CYSTADENOMA	(780)	IN 104-105	2	60	31	23	19	23			
Spontaneous tumor pct:	<= 1%	in ctrl.	-	1	0	0	0	0			