

For the male (with the data up to Week 89 only) and female mice, there was no statistically significant difference in the tumor-incidence between the control group and the VIOXX™ 60 mg/kg/day group.

None of the tested tumor types showed any statistically significant positive linear trend or increased incidence in the 60 mg/kg/day group (with the data up to 89 weeks for males) when compared with the control.

/S/

Concur: Dr. Lin 3/16/99

/S/

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Mathematical Statistician (Biomed)

cc: Archival NDA 21-042
HFD-550/Wilson, Cook, Weir, Hyde, Division File
HFD-725/Taneja, Lin, Huque, Division File, Chron.

There are total 108 pages (15 pages of text, 86 pages of tables, 6 pages of figures and 1 page containing references) in this review.

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Table 1a

Number of Animals Died
 Species: Rat
 Sex: Male

	Treatment Group				Total
	CTRL	LOW	MED	HIGH	
	Count	Count	Count	Count	Count
Time Interval					
0-52	7	3	3	3	16
53-78	8	4	5	6	23
79-91	6	4	3	8	21
92-103	12	7	10	7	36
104-105	67	32	29	26	154
Total	100	50	50	50	250

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

Table 1b

Number of Animals Died
 Species: Rat
 Sex: Female

	Treatment Group				Total Count
	CTRL	LOW	MED	HIGH	
	Count	Count	Count	Count	
Time Interval					
0-52	4	3	1	6	14
53-78	11	3	5	7	26
79-91	10	12	6	5	33
92-103	11	8	9	9	37
104-106	64	24	29	23	140
Total	100	50	50	50	250

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TABLE 2a

INTERCURRENT MORTALITY RATES

Species: Rat

Sex: Male

	Dose											
	CTRL			LOW			MED			HIGH		
	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	7	100	7.0	3	50	6.0	3	50	6.0	3	50	6.0
53-78	8	93	15.0	4	47	14.0	5	47	16.0	6	47	18.0
79-91	6	85	21.0	4	43	22.0	3	42	22.0	8	41	34.0
92-103	12	79	33.0	7	39	36.0	10	39	42.0	7	33	48.0
104- 105	67	100	67.0	32	50	64.0	29	50	58.0	26	50	52.0

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TABLE 2b
INTERCURRENT MORTALITY RATES

Species: Rat
Sex: Female

	Dose											
	CTRL			LOW			MED			HIGH		
	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	4	100	4.0	3	50	6.0	1	50	2.0	6	50	12.0
53-78	11	96	15.0	3	47	12.0	5	49	12.0	7	44	26.0
79-91	10	85	25.0	12	44	36.0	6	44	24.0	5	37	36.0
92-103	11	75	36.0	8	32	52.0	9	38	42.0	9	32	54.0
104- 106	64	100	64.0	24	50	48.0	29	50	58.0	23	50	46.0

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Table 3a

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 Institut

Species: Rat
Sex: Male

Method	Time-Adjusted Trend Test	Statistic	P Value
Cox	Dose-Mortality Trend	2.87	0.0848
	Depart from Trend	0.05	0.8764
	Homogeneity	3.02	0.3888
Kruskal-Wallis	Dose-Mortality Trend	2.49	0.1146
	Depart from Trend	0.06	0.9683
	Homogeneity	2.55	0.4657

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Table 3b**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: Rat
Sex: Female

Method	Time-Adjusted Trend Test	Statistic	P Value
Cox	Dose-Mortality Trend	3.87	0.0490
	Depart from Trend	3.17	0.2050
	Homogeneity	7.04	0.0705
Kruskal-Wallis	Dose-Mortality Trend	3.69	0.0548
	Depart from Trend	3.20	0.2017
	Homogeneity	6.89	0.0755

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Table 4 (Part I)

Selected Organs and Organ Codes for Rat Study

3000	SALIVARY GLAND
9027	STOMACH NONGLANDULAR MUCOSA
11000	SMALL INTESTINE
12051	LARGE INTESTINE CECUM
14000	LIVER
14058	LIVER BILE DUCT
18014	PANCREAS ACINUS
18073	PANCREAS ISLET
21000	PERITONEUM
22000	ADRENAL
22080	ADRENAL CORTEX
27000	PARATHYROID
29000	PITUITARY
31099	THYROID PARAFOLLICULAR CELL
31413	THYROID FOLLICULAR CELL
33000	KIDNEY
36406	URINARY BLADDER TRANSITIONAL EPITHELIUM
40000	OVARY
42000	UTERUS
46000	VAGINA
49000	TESTIS
49157	TESTIS LEYDIG CELL
51000	PROSTATE
59000	SKIN
61000	MAMMARY GLAND
63516	NOSE NASOLACRIMAL DUCT
71000	LUNG
72000	PLEURA
73000	HEART
77000	SPLEEN
79000	LYMPH NODE
81000	THYMUS
84000	BONE
87000	SKELETAL MUSCLE
89000	BRAIN
91000	SPINAL CORD
95000	EYE
97485	EAR ZYMBAL'S GLAND
98000	PRIMARY SITE UNDETERMINED

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Table 4 (Part II)

Tumors and Tumor Codes for Rat Study

60	ADENOCARCINOMA
70	ADENOMA
280	BASAL CELL TUMOR
410	CARCINOMA
420	CARCINOSARCOMA
580	CHONDROSARCOMA
1320	FIBROADENOMA
1330	FIBROMA
1350	FIBROSARCOMA
1468	GLIOMA
1535	GRANULAR CELL TUMOR
1560	GRANULOSA CELL TUMOR
1570	HEMANGIOMA
1580	HEMANGIOSARCOMA
1660	HEPATOCELLULAR ADENOMA
1670	HEPATOCELLULAR CARCINOMA
1715	HISTIOCYTIC SARCOMA
1970	KERATOACANTHOMA
2030	LEIOMYOMA
2050	LEUKEMIA
2080	LIPOMA
2090	LIPOSARCOMA
2150	LYMPHOMA
2250	MELANOMA
2270	MENINGIOMA
2300	MESOTHELIOMA
2430	MYXOMA
2550	NEUROFIBROSARCOMA
2730	OSTEOMA
2910	PAPILLOMA
3060	PHEOCHROMOCYTOMA
3250	POLYP
3420	RHABDOMYOSARCOMA
3475	SCHWANNOMA
3500	SEBACEOUS ADENOMA
3510	SEMINOMA
3610	SQUAMOUS CELL CARCINOMA
3790	THYMOMA
3860	TRICHOEPITHELIOMA

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Table 5a

Analysis of Carcinogenic Potential in Male 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.	2x2 CONTINGENCY -----TABLE-----	EXACT PROB	ASYMP TOTIC	ASYMP (CONTI NUITY CORR)
SMALL INTESTINE ADENOCARCINOMA	(11000) (60)	IN 104-105 IN 104-105	1 2	0 1 0 0 67 31 29 26	0.5649	0.5932	0.6563
Spontaneous tumor pct: <= 1% in ctrl. - Total			-	0 1 0 0			
LARGE INTESTINE CECUM FIBROMA	(12051) (1330)	IN 104-105 IN 104-105	1 2	2 0 0 0 65 32 29 26	1.0000	0.8997	0.9189
Spontaneous tumor pct: 2% in ctrl. - Total			-	2 0 0 0			
LARGE INTESTINE CECUM MYXOMA	(12051) (2430)	IN 104-105 IN 104-105	1 2	1 0 0 0 66 32 29 26	1.0000	0.8165	0.8574
Spontaneous tumor pct: <= 1% in ctrl. - Total			-	1 0 0 0			
LIVER HEMANGIOMA	(14000) (1570)	IN 104-105 IN 104-105	1 2	0 1 0 0 67 31 29 26	0.5649	0.5932	0.6563
Spontaneous tumor pct: <= 1% in ctrl. - Total			-	0 1 0 0			
LIVER HEPATOCELLULAR ADENOMA	(14000) (1660)	IN 53-78 IN 53-78	1 2	0 1 0 0 8 3 5 6	0.5861	0.5751	0.5942
		IN 92-103	1	1 0 0 0			
		IN 92-103	2	11 7 10 7			
		IN 104-105	1	4 2 2 2			
		IN 104-105	2	63 30 27 24			
Spontaneous tumor pct: 5% in ctrl. - Total			-	5 3 2 2			
LIVER HEPATOCELLULAR CARCINOMA	(14000) (1670)	IN 79-91 IN 79-91	1 2	0 0 0 1 6 4 3 7	0.2803	0.2689	0.2841
		IN 92-103	1	0 0 1 0			
		IN 92-103	2	11 7 9 7			
		IN 104-105	1	3 3 4 1			
		IN 104-105	2	64 29 25 25			
		FA 94	1	1 0 0 0			
		FA 94	2	75 37 37 32			
Spontaneous tumor pct: 4% in ctrl. - Total			-	4 3 5 2			
PANCREAS ACINUS ADENOMA	(18014) (70)	IN 92-103 IN 92-103	1 2	0 0 0 1 12 7 10 6	0.0328	0.0096	0.0130
		IN 104-105	1	0 0 0 1			
		IN 104-105	2	67 32 29 25			
Spontaneous tumor pct: <= 1% in ctrl. - Total			-	0 0 0 2			
PANCREAS ISLET CARCINOMA	(18073) (410)	IN 92-103 IN 92-103	1 2	1 0 0 0 11 7 10 7	0.7163	0.7184	0.7460
		IN 104-105	1	2 0 0 1			
		IN 104-105	2	65 32 29 25			
Spontaneous tumor pct: 3% in ctrl. - Total			-	3 0 0 1			
PANCREAS ISLET ADENOMA	(18073) (70)	IN 79-91 IN 79-91	1 2	0 0 0 2 6 4 3 6	0.0322	0.0281	0.0302
		IN 92-103	1	0 0 0 1			
		IN 92-103	2	12 7 10 6			
		IN 104-105	1	8 9 6 6			
		IN 104-105	2	59 23 23 20			
Spontaneous tumor pct: 8% in ctrl. - Total			-	8 9 6 9			
PERITONEUM LIPOMA	(21000) (2080)	IN 92-103 IN 92-103	1 2	0 0 1 0 12 7 9 7	0.4722	0.2898	0.3491
Spontaneous tumor pct: <= 1% in ctrl. - Total			-	0 0 1 0			

ADRENAL	(22000	)	IN 92-103	1	0	1	0	1				
PHEOCHROMOCYTOMA	(3060	)	IN 92-103	2	12	6	10	6		0.2170	0.2051	0.2170
			IN 104-105	1	6	3	4	3				
			IN 104-105	2	61	29	25	23				
Spontaneous tumor pct: 6%			in ctrl. - Total	-	6	4	4	4				
ADRENAL CORTEX	(22080	)	FA 93	1	0	1	0	0		0.5882	0.6121	0.6737
CARCINOMA	(410	)	FA 93	2	77	37	39	33				
Spontaneous tumor pct: <= 1%			in ctrl. - Total	-	0	1	0	0				
ADRENAL CORTEX	(22080	)	IN 79-91	1	0	0	0	1		0.0741	0.0302	0.0386
ADENOMA	(70	)	IN 79-91	2	6	4	3	7				
			IN 92-103	1	0	0	0	1				
			IN 92-103	2	12	7	10	6				
Spontaneous tumor pct: <= 1%			in ctrl. - Total	-	0	0	0	2				
PARATHYROID	(27000	)	IN 104-105	1	0	0	1	0		0.3571	0.2226	0.2753
ADENOMA	(70	)	IN 104-105	2	67	32	28	26				
Spontaneous tumor pct: <= 1%			in ctrl. - Total	-	0	0	1	0				
PITUITARY	(29000	)	IN 0-52	1	2	0	0	0		0.3178	0.3122	0.3186
ADENOMA	(70	)	IN 0-52	2	5	3	3	3				
			IN 53-78	1	0	1	0	2				
			IN 53-78	2	4	2	5	3				
			IN 79-91	1	1	0	0	1				
			IN 79-91	2	1	1	1	2				
			IN 92-103	1	4	1	2	1				
			IN 92-103	2	5	3	3	3				
			IN 104-105	1	39	21	16	15				
			IN 104-105	2	28	11	13	11				
			FA 56	1	1	0	0	0				
			FA 56	2	92	47	47	46				
			FA 65	1	2	0	0	0				
			FA 65	2	89	46	47	45				
			FA 74	1	0	0	0	1				
			FA 74	2	88	45	44	42				
			FA 76	1	1	0	0	0				
			FA 76	2	86	45	44	42				
			FA 77	1	0	1	0	0				
			FA 77	2	86	44	44	42				
			FA 79	1	0	0	1	0				
			FA 79	2	85	43	41	41				
			FA 83	1	1	0	0	0				
			FA 83	2	83	43	40	41				
			FA 84	1	0	0	0	1				
			FA 84	2	83	43	40	39				
			FA 86	1	0	1	0	0				
			FA 86	2	83	42	40	38				
			FA 87	1	0	0	0	1				
			FA 87	2	83	41	40	37				
			FA 88	1	1	0	0	0				
			FA 88	2	81	41	40	37				
			FA 89	1	1	1	0	0				
			FA 89	2	80	40	40	37				
			FA 90	1	0	1	0	1				
			FA 90	2	80	39	40	36				
			FA 91	1	1	0	1	2				
			FA 91	2	79	39	39	34				
			FA 92	1	1	0	0	0				
			FA 92	2	78	39	39	33				
			FA 93	1	0	0	1	0				
			FA 93	2	77	38	38	33				
			FA 94	1	0	1	0	0				
			FA 94	2	76	36	37	32				
			FA 95	1	0	0	1	0				
			FA 95	2	75	36	36	32				
			FA 97	1	0	0	0	1				
			FA 97	2	74	35	35	31				
			FA 99	1	1	1	0	0				
			FA 99	2	71	34	35	31				
			FA 100	1	0	1	0	0				
			FA 100	2	71	33	35	31				
			FA 101	1	0	0	1	0				
			FA 101	2	70	33	33	31				
			FA 102	1	1	0	1	2				
			FA 102	2	69	32	31	28				

	FA 103	1	0	0	1	0	
	FA 103	2	68	32	29	26	
Spontaneous tumor pct: 57%	in ctrl. - Total	-	57	30	25	28	
SALIVARY GLAND	(3000) IN 104-105	1	1	0	0	0	1.0000 0.8165 0.8574
SCHWANNOMA	(3475) IN 104-105	2	66	32	29	26	
Spontaneous tumor pct: <= 1%	in ctrl. - Total	-	1	0	0	0	
THYROID PARAFOLLICULAR CE	(31099) IN 104-105	1	1	0	1	0	0.5882 0.5391 0.5857
CARCINOMA	(410) IN 104-105	2	66	32	28	26	
Spontaneous tumor pct: <= 1%	in ctrl. - Total	-	1	0	1	0	
THYROID PARAFOLLICULAR CE	(31099) IN 53-78	1	0	0	0	2	0.3310 0.3229 0.3333
ADENOMA	(70) IN 53-78	2	8	4	5	4	
	IN 79-91	1	1	1	1	1	
	IN 79-91	2	5	3	2	7	
	IN 92-103	1	3	0	2	1	
	IN 92-103	2	9	7	8	6	
	IN 104-105	1	9	8	5	4	
	IN 104-105	2	58	24	24	22	
Spontaneous tumor pct: 13%	in ctrl. - Total	-	13	9	8	8	
THYROID FOLLICULAR CELL	(31413) IN 104-105	1	1	0	0	0	1.0000 0.8165 0.8574
ADENOMA	(70) IN 104-105	2	66	32	29	26	
Spontaneous tumor pct: <= 1%	in ctrl. - Total	-	1	0	0	0	
KIDNEY	(33000) IN 92-103	1	1	0	0	0	1.0000 0.8660 0.8986
LIPOMA	(2080) IN 92-103	2	11	7	10	7	
Spontaneous tumor pct: <= 1%	in ctrl. - Total	-	1	0	0	0	
KIDNEY	(33000) IN 104-105	1	0	0	0	1	0.1688 0.0390 0.0552
ADENOCARCINOMA	(60) IN 104-105	2	67	32	29	25	
Spontaneous tumor pct: <= 1%	in ctrl. - Total	-	0	0	0	1	
KIDNEY	(33000) IN 104-105	1	0	1	0	0	0.5649 0.5932 0.6563
ADENOMA	(70) IN 104-105	2	67	31	29	26	
Spontaneous tumor pct: <= 1%	in ctrl. - Total	-	0	1	0	0	
URINARY BLADDER TRANSITIO	(36406) IN 104-105	1	1	0	0	0	1.0000 0.8165 0.8574
PAPILLOMA	(2910) IN 104-105	2	66	32	29	26	
Spontaneous tumor pct: <= 1%	in ctrl. - Total	-	1	0	0	0	
TESTIS	(49000) IN 104-105	1	1	1	0	0	0.8123 0.7902 0.8226
MESOTHELIOMA	(2300) IN 104-105	2	66	31	29	26	
Spontaneous tumor pct: <= 1%	in ctrl. - Total	-	1	1	0	0	
TESTIS	(49000) IN 104-105	1	0	0	0	1	0.1688 0.0390 0.0552
SEMINOMA	(3510) IN 104-105	2	67	32	29	25	
Spontaneous tumor pct: <= 1%	in ctrl. - Total	-	0	0	0	1	
TESTIS LEYDIG CELL	(49157) IN 104-105	1	5	3	0	0	0.9833 0.9705 0.9743
ADENOMA	(70) IN 104-105	2	62	29	29	26	
Spontaneous tumor pct: 5%	in ctrl. - Total	-	5	3	0	0	
PROSTATE	(51000) IN 104-105	1	1	0	0	0	1.0000 0.8165 0.8574
CARCINOMA	(410) IN 104-105	2	66	32	29	26	
Spontaneous tumor pct: <= 1%	in ctrl. - Total	-	1	0	0	0	
PROSTATE	(51000) IN 104-105	1	0	1	0	0	0.5649 0.5932 0.6563
ADENOMA	(70) IN 104-105	2	67	31	29	26	
Spontaneous tumor pct: <= 1%	in ctrl. - Total	-	0	1	0	0	
SKIN	(59000) IN 53-78	1	1	0	0	0	0.9059 0.8945 0.9030
FIBROMA	(1330) IN 53-78	2	7	4	5	6	
	IN 92-103	1	1	1	0	0	
	IN 92-103	2	11	6	10	6	
	IN 104-105	1	4	1	0	1	
	IN 104-105	2	63	31	29	25	
	FA 37	1	0	1	0	0	
	FA 37	2	98	47	48	50	
	FA 43	1	1	0	0	0	
	FA 43	2	96	47	47	49	
	FA 102	1	0	0	0	1	
	FA 102	2	70	32	32	29	
Spontaneous tumor pct: 7%	in ctrl. - Total	-	7	3	0	2	

SKIN	(59000)	IN 104-105	1	3	0	0	2	0.3354	0.3176	0.3405
FIBROSARCOMA	(1350)	IN 104-105	2	64	32	29	24			
		FA 96	1	0	1	0	0			
		FA 96	2	74	35	35	32			
		FA 100	1	0	0	1	0			
		FA 100	2	71	34	34	31			
Spontaneous tumor pct: 3%		in ctrl. - Total	-	3	1	1	2			
SKIN	(59000)	IN 104-105	1	1	0	0	0	1.0000	0.8165	0.8574
HEMANGIOMA	(1570)	IN 104-105	2	66	32	29	26			
Spontaneous tumor pct: <= 1%		in ctrl. - Total	-	1	0	0	0			
SKIN	(59000)	IN 79-91	1	0	1	0	0	0.5995	0.5920	0.6199
KERATOACANTHOMA	(1970)	IN 79-91	2	6	3	3	8			
		IN 92-103	1	1	0	0	0			
		IN 92-103	2	11	7	10	7			
		IN 104-105	1	0	2	0	1			
		IN 104-105	2	67	30	29	25			
Spontaneous tumor pct: <= 1%		in ctrl. - Total	-	1	3	0	1			
SKIN	(59000)	IN 92-103	1	0	0	1	0	0.4722	0.2898	0.3491
LEIOMYOMA	(2030)	IN 92-103	2	12	7	9	7			
Spontaneous tumor pct: <= 1%		in ctrl. - Total	-	0	0	1	0			
SKIN	(59000)	IN 104-105	1	1	1	1	2	0.1071	0.0766	0.0881
LIPOMA	(2080)	IN 104-105	2	66	31	28	24			
Spontaneous tumor pct: <= 1%		in ctrl. - Total	-	1	1	1	2			
SKIN	(59000)	IN 104-105	1	1	0	1	0	0.5882	0.5391	0.5857
BASAL CELL TUMOR	(280)	IN 104-105	2	66	32	28	26			
Spontaneous tumor pct: <= 1%		in ctrl. - Total	-	1	0	1	0			
SKIN	(59000)	IN 104-105	1	1	1	0	0	0.8123	0.7902	0.8226
PAPILLOMA	(2910)	IN 104-105	2	66	31	29	26			
Spontaneous tumor pct: <= 1%		in ctrl. - Total	-	1	1	0	0			
SKIN	(59000)	IN 104-105	1	1	0	0	0	1.0000	0.8165	0.8574
SEBACEOUS ADENOMA	(3500)	IN 104-105	2	66	32	29	26			
Spontaneous tumor pct: <= 1%		in ctrl. - Total	-	1	0	0	0			
SKIN	(59000)	IN 92-103	1	1	0	0	0	1.0000	0.8660	0.8986
TRICHOEPITHELIOMA	(3860)	IN 92-103	2	11	7	10	7			
Spontaneous tumor pct: <= 1%		in ctrl. - Total	-	1	0	0	0			
MAMMARY GLAND	(61000)	IN 79-91	1	0	0	0	1	0.5124	0.4000	0.4431
ADENOMA	(70)	IN 79-91	2	6	4	3	7			
		IN 104-105	1	1	0	0	0			
		IN 104-105	2	66	32	29	26			
Spontaneous tumor pct: <= 1%		in ctrl. - Total	-	1	0	0	1			
LUNG	(71000)	IN 104-105	1	0	0	0	1	0.1688	0.0390	0.0552
ADENOCARCINOMA	(60)	IN 104-105	2	67	32	29	25			
Spontaneous tumor pct: <= 1%		in ctrl. - Total	-	0	0	0	1			
LUNG	(71000)	IN 92-103	1	0	0	0	1	0.3828	0.3225	0.3657
ADENOMA	(70)	IN 92-103	2	12	7	10	6			
		IN 104-105	1	1	0	0	0			
		IN 104-105	2	66	32	29	26			
Spontaneous tumor pct: <= 1%		in ctrl. - Total	-	1	0	0	1			
PLEURA	(72000)	IN 92-103	1	1	0	0	0	1.0000	0.8660	0.8986
FIBROMA	(1330)	IN 92-103	2	11	7	10	7			
Spontaneous tumor pct: <= 1%		in ctrl. - Total	-	1	0	0	0			
PLEURA	(72000)	FA 87	1	1	0	0	0	1.0000	0.8282	0.8665
MESOTHELIOMA	(2300)	FA 87	2	82	41	40	38			
Spontaneous tumor pct: <= 1%		in ctrl. - Total	-	1	0	0	0			
HEART	(73000)	IN 104-105	1	0	0	1	0	0.4311	0.3848	0.4216
SCHWANNOMA	(3475)	IN 104-105	2	67	32	28	26			
		FA 100	1	1	0	0	0			
		FA 100	2	70	34	35	31			
		FA 101	1	0	0	1	0			
		FA 101	2	70	33	33	31			
Spontaneous tumor pct: <= 1%		in ctrl. - Total	-	1	0	2	0			

SPLEEN	(77000)	IN 104-105	1	0	0	1	1	0.0916	0.0365	0.0470
HEMANGIOSARCOMA	(1580)	IN 104-105	2	67	32	28	25			
Spontaneous tumor pct:	<= 1% in ctrl.	- Total	-	0	0	1	1			
SPLEEN	(77000)	IN 92-103	1	0	1	0	0	0.6667	0.6711	0.7288
MESOTHELIOMA	(2300)	IN 92-103	2	12	6	10	7			
Spontaneous tumor pct:	<= 1% in ctrl.	- Total	-	0	1	0	0			
LYMPH NODE	(79000)	IN 104-105	1	1	0	1	0	0.5882	0.5391	0.5857
HEMANGIOMA	(1570)	IN 104-105	2	66	32	28	26			
Spontaneous tumor pct:	<= 1% in ctrl.	- Total	-	1	0	1	0			
THYMUS	(81000)	IN 92-103	1	0	0	1	0	0.6607	0.5967	0.6415
THYMOMA	(3790)	IN 92-103	2	12	7	9	7			
		IN 104-105	1	1	0	0	0			
		IN 104-105	2	66	32	29	26			
Spontaneous tumor pct:	<= 1% in ctrl.	- Total	-	1	0	1	0			
BONE	(84000)	IN 104-105	1	1	0	0	0	1.0000	0.8165	0.8574
OSTEOMA	(2730)	IN 104-105	2	66	32	29	26			
Spontaneous tumor pct:	<= 1% in ctrl.	- Total	-	1	0	0	0			
BONE	(84000)	FA 77	1	1	0	0	0	1.0000	0.8339	0.8713
CHONDROSARCOMA	(580)	FA 77	2	85	45	44	42			
Spontaneous tumor pct:	<= 1% in ctrl.	- Total	-	1	0	0	0			
SKELETAL MUSCLE	(87000)	IN 104-105	1	1	0	0	0	1.0000	0.8165	0.8574
HEMANGIOMA	(1570)	IN 104-105	2	66	32	29	26			
Spontaneous tumor pct:	<= 1% in ctrl.	- Total	-	1	0	0	0			
SKELETAL MUSCLE	(87000)	IN 104-105	1	1	0	0	0	1.0000	0.8165	0.8574
HEMANGIOSARCOMA	(1580)	IN 104-105	2	66	32	29	26			
Spontaneous tumor pct:	<= 1% in ctrl.	- Total	-	1	0	0	0			
SKELETAL MUSCLE	(87000)	FA 77	1	0	1	0	0	0.6037	0.6249	0.6848
RHABDOMYOSARCOMA	(3420)	FA 77	2	86	44	44	42			
Spontaneous tumor pct:	<= 1% in ctrl.	- Total	-	0	1	0	0			
BRAIN	(89000)	IN 104-105	1	1	0	0	2	0.0739	0.0497	0.0589
GLIOMA	(1468)	IN 104-105	2	66	32	29	24			
		FA 77	1	0	0	1	0			
		FA 77	2	86	45	43	42			
Spontaneous tumor pct:	<= 1% in ctrl.	- Total	-	1	0	1	2			
BRAIN	(89000)	IN 79-91	1	1	1	0	0	0.9031	0.8879	0.8999
GRANULAR CELL TUMOR	(1535)	IN 79-91	2	5	3	3	8			
		IN 104-105	1	2	0	0	1			
		IN 104-105	2	65	32	29	25			
		FA 98	1	1	0	0	0			
		FA 98	2	72	35	35	31			
Spontaneous tumor pct:	4% in ctrl.	- Total	-	4	1	0	1			
STOMACH NONGLANDULAR MUCO	(9027)	IN 53-78	1	1	0	0	0	1.0000	0.8623	0.8936
PAPILLOMA	(2910)	IN 53-78	2	7	4	5	6			
Spontaneous tumor pct:	<= 1% in ctrl.	- Total	-	1	0	0	0			
SPINAL CORD	(91000)	FA 67	1	0	1	0	0	0.8417	0.8190	0.8476
GLIOMA	(1468)	FA 67	2	88	45	46	45			
		FA 80	1	1	0	0	0			
		FA 80	2	84	43	41	41			
Spontaneous tumor pct:	<= 1% in ctrl.	- Total	-	1	1	0	0			
SPINAL CORD	(91000)	FA 92	1	1	0	0	0	1.0000	0.8259	0.8652
MENINGIOMA	(2270)	FA 92	2	78	39	39	33			
Spontaneous tumor pct:	<= 1% in ctrl.	- Total	-	1	0	0	0			
EAR ZYMBAL'S GLAND	(97485)	FA 101	1	0	0	0	1	0.1845	0.0471	0.0655
CARCINOMA	(410)	FA 101	2	70	33	34	30			
Spontaneous tumor pct:	<= 1% in ctrl.	- Total	-	0	0	0	1			
EAR ZYMBAL'S GLAND	(97485)	FA 93	1	1	0	0	0	1.0000	0.8281	0.8669
ADENOMA	(70)	FA 93	2	76	38	39	33			
Spontaneous tumor pct:	<= 1% in ctrl.	- Total	-	1	0	0	0			

PRIMARY SITE UNDETERMINED (98000)	IN 104-105	1	1	0	0	0	1.0000	0.9036	0.9222
HISTIOCYTIC SARCOMA (1715)	IN 104-105	2	66	32	29	26			
	FA 95	1	1	0	0	0			
	FA 95	2	74	36	37	32			
Spontaneous tumor pct: 2%	in ctrl. - Total	-	2	0	0	0			
PRIMARY SITE UNDETERMINED (98000)	IN 104-105	1	0	1	0	1	0.1967	0.1393	0.1672
LYMPHOMA (2150)	IN 104-105	2	67	31	29	25			
Spontaneous tumor pct: <= 1%	in ctrl. - Total	-	0	1	0	1			
PRIMARY SITE UNDETERMINED (98000)	FA 102	1	1	0	0	0	1.0000	0.8224	0.8617
SCHWANNOMA (3475)	FA 102	2	69	32	32	30			
Spontaneous tumor pct: <= 1%	in ctrl. - Total	-	1	0	0	0			

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