

**TABLE B2**  
**Individual Animal Tumor Pathology of Female Rats in the 2-Year Feed Study of Fumonisin B<sub>1</sub>: 0 ppm**

+ : Tissue examined microscopically  
A: Autolysis precludes examination

M: Missing tissue  
I: Insufficient tissue

X: Lesion present  
Blank: Not examined

**TABLE B2**  
**Individual Animal Tumor Pathology of Female Rats in the 2-Year Feed Study of Fumonisins B<sub>1</sub>: 0 ppm**

Carcass ID Number	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	Total	Tissues/ Tumors
	8	0	2	4	4	4	7	7	9	9	2	2	2	2	2	2	3	4	5	6	6	6		
	9	4	0	2	3	7	1	2	6	7	3	4	5	6	7	8	9	0	9	0	3	4	5	
Adrenal gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Adenoma, cortex																								1
Leukemia monuc		X				X		X																5
Osteosarc, metastatic, bone																								1
Pheochrom bgn, medulla																								2
Blood vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Blood vessel, aorta	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Bone, femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Osteosarc																								1
Bone, sternum	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	47	
Bone marrow	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	46	
Leukemia monuc			X			X																		6
Brain	+	+	+	+	+	+	+	+	+	+													48	
Brain, cerebellum	+	+	+	+	+	+	+	+	+	+													47	
Brain, cerebrum	+	+	+	+	+	+	+	+	+	+													48	
Astrocyto mal																								1
Clitoral gland	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	41	
Adenoma				X			X																	9
Adenoma, bilateral					X																			1
Carcinoma						X																		1
Leukemia monuc							X																	1
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Osteosarc, metastatic, bone																								1
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Harderian gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Leukemia monuc						X																		3
Mesothelioma, metastatic, unc pri site							X																	1
Intestine large	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Intestine large, cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Intestine large, colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Intestine large, rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Intestine small	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Intestine small, duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Intestine small, ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44	
Intestine small, jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Leukemia monuc							X																	2
Lacrimal gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Leukemia monuc			X			X																		2
Larynx	+	+	+	+	M	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	46	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Leukemia monuc				X		X	X	X	X	X													12	
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Leukemia monuc				X		X	X	X	X	X													8	
Lung, bronchus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Lymph node	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Leukemia monuc					X																			1
Leukemia monuc, renal						X																		1
Lymph node, mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Leukemia monuc			X		X	X	X	X	X	X													9	
Lymph node, mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Leukemia monuc			X		X	X	X	X	X	X													8	

**TABLE B2**  
**Individual Animal Tumor Pathology of Female Rats in the 2-Year Feed Study of Fumonisin B<sub>1</sub>: 0 ppm**

**TABLE B2**  
**Individual Animal Tumor Pathology of Female Rats in the 2-Year Feed Study of Fumonisins B<sub>1</sub>: 0 ppm**

Carcass ID Number	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	Total	Tissues/ Tumors
	8	0	2	4	4	4	7	7	9	9	2	2	2	2	2	2	3	4	5	6	6	6		
	9	4	0	2	3	7	1	2	6	7	3	4	5	6	7	8	9	0	9	0	3	4	5	
Mammary gland	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	47	
Adenoma	X																						1	
Carcinoma		X																					2	
Fibroadenoma			X																				15	
Fibroadenoma, multiple				X																			3	
Fibroma					X																		1	
Mesentery						X																	2	
Leukemia monuc							X																1	
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Gra cl tum bgn															X								2	
Leukemia monuc																							1	
Pancreas							X																48	
Leukemia monuc								X															1	
Parathyroid gland									M	+	+	+	+	+	M	+	+	+	+	+	+	+	44	
Peripheral nerve									+	+	+	+	+	+	M	+	+	+	+	+	+	+	47	
Peripheral nerve, sciatic									+	+	+	+	+	+	M	+	+	+	+	+	+	+	47	
Pituitary gland									+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Adenoma, pars distalis									X	X	X	X	X	X	X	X	X	X	X	X	X	X	32	
Leukemia monuc										X													1	
Salivary glands																							48	
Skeletal muscle																							48	
Skeletal muscle, thigh																							48	
Osteosarc, metastatic, bone																							1	
Skin																							48	
Fibroma, subcut tiss																							1	
Lipoma, subcut tiss																							1	
Schwannoma mal, subcut tiss																							1	
Spinal cord																							48	
Spinal cord, thoracic																							48	
Spleen																							48	
Leukemia monuc											X	X	X	X	X	X	X	X	X	X	X	X	13	
Stomach																							48	
Stomach, forestomach																							48	
Leukemia monuc																							1	
Stomach, glandular																							48	
Thymus																							41	
Leukemia monuc																							4	
Thyroid gland																							48	
Adenoma, c cell																							2	
Adenoma, multiple, c cell																							1	
Carcinoma, c cell																							1	
Tongue																							48	
Trachea																							48	
Urinary bladder																							45	
Leukemia monuc																							1	
Uterus																							47	
Deciduoma bgn																							1	
Leiomyosar																							1	
Leukemia monuc																							1	
Polyp stromal, endometrium																							10	
Vagina																							47	
Leukemia monuc																							1	
Papilloma squa																							1	
Zymbal's gland																							34	

**TABLE B2**  
**Individual Animal Tumor Pathology of Female Rats in the 2-Year Feed Study of Fumonisin B<sub>1</sub>: 5 ppm**

Carcass ID Number	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3		
	0	0	3	3	4	4	5	6	6	0	0	0	3	5	6	6	0	4	4	4	4	4	9	9	0		
	8	9	8	9	1	4	2	1	2	0	3	9	5	9	3	9	3	4	5	6	7	8	0	1	8		
Adrenal gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Leukemia monuc										X	X																
Blood vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Blood vessel, aorta	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Bone, femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Bone, sternum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Bone marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Leukemia monuc										X		X	X	X											X		
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Leukemia monuc																										X	
Brain, cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Brain, cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Clitoral gland	+	+	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Adenoma																											
Leukemia monuc																											
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Harderian gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Leukemia monuc																											
Intestine large	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Intestine large, cecum	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Intestine large, colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Intestine large, rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Intestine small	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Intestine small, duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Intestine small, ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Intestine small, jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Leukemia monuc																											
Lacrimal gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Larynx	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Leukemia monuc																											
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Alv bron aden																											
Leukemia monuc																											
Lung, bronchus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Lymph node	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Leukemia monuc, inguinal																											
Lymph node, mandibular	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Leukemia monuc																											
Lymph node, mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Leukemia monuc																											
Mammary gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Carcinoma										X		X	X	X	X												
Fibroadenoma											X		X	X	X	X											
Fibroadenoma, multiple												X		X	X	X	X										
Leukemia monuc																											
Mesentery		+																									
Leukemia monuc																											
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Leukemia monuc																											
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Leukemia monuc																											

**TABLE B2**  
**Individual Animal Tumor Pathology of Female Rats in the 2-Year Feed Study of Fumonisins B<sub>1</sub>: 5 ppm**

<b>Carcass ID Number</b>																	<b>Total Tissues/ Tumors</b>
	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	
	3	3	3	3	6	6	6	9	9	0	0	3	3	3	3	3	
	5	6	7	8	3	4	5	4	5	0	1	1	1	2	3	4	
Adrenal gland																	20
Leukemia monuc																	2
Blood vessel																	18
Blood vessel, aorta																	18
Bone																	18
Bone, femur																	18
Bone, sternum																	18
Bone marrow																	18
Leukemia monuc																	6
Brain																	18
Leukemia monuc																	1
Brain, cerebellum																	18
Brain, cerebrum																	18
Clitoral gland																	19
Adenoma																	2
Leukemia monuc																	1
Esophagus																	18
Eye																	21
Harderian gland																	18
Heart																	18
Leukemia monuc																	1
Intestine large																	18
Intestine large, cecum																	16
Intestine large, colon																	18
Intestine large, rectum																	18
Intestine small																	18
Intestine small, duodenum																	18
Intestine small, ileum																	18
Intestine small, jejunum																	18
Kidney																	40
Leukemia monuc																	1
Lacrimal gland								M									22
Larynx																	17
Liver																	40
Leukemia monuc								X X									13
Lung																	40
Alv bron aden														X			1
Leukemia monuc								X X						X X			10
Lung, bronchus																	40
Lymph node														+			20
Leukemia monuc, inguinal																	1
Lymph node, mandibular																	17
Leukemia monuc																	5
Lymph node, mesenteric								+									19
Leukemia monuc								X									5
Mammary gland																	28
Carcinoma																	3
Fibroadenoma								X									11
Fibroadenoma, multiple									X								2
Leukemia monuc																	1
Mesentery															+		5
Leukemia monuc																	1
Nose																	18
Ovary																	19
Leukemia monuc																	1
Pancreas																	18
Leukemia monuc																	1

**TABLE B2****Individual Animal Tumor Pathology of Female Rats in the 2-Year Feed Study of Fumonisin B<sub>1</sub>: 5 ppm**

<b>Carcass ID Number</b>	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	
	0	0	3	3	4	4	5	6	6	0	0	0	3	5	6	6	0	4	4	4	4	4	9	9	0	
	8	9	8	9	1	4	2	1	2	0	3	9	5	9	3	9	3	4	5	6	7	8	0	1	8	
Parathyroid gland	+	+	+	+	+	+	M	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	
Peripheral nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Peripheral nerve, sciatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pituitary gland	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenoma, pars distalis						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Leukemia monuc						X		X																		
Salivary glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia monuc																										
Skeletal muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skeletal muscle, thigh	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Spinal cord	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Spinal cord, thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia monuc						X		X	X		X															X
Stomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, forestomach	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia monuc																										
Stomach, glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia monuc																										
Thymus	+	M	+	M	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	
Leukemia monuc						X		X	X																	
Thyroid gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia monuc																										
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Urinary bladder	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia monuc										X																
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia monuc																										
Polyp stromal, endometrium																		X			X					
Sarcoma, cervix																										
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	
Leukemia monuc																X										
Zymbal's gland	+	M	+	M	+	+	+	+	+	M	+	+	+	+	M	+	+	M	+	+	+	+	+	+	+	
Carcinoma																										

**TABLE B2**  
**Individual Animal Tumor Pathology of Female Rats in the 2-Year Feed Study of Fumonisins B<sub>1</sub>: 5 ppm**

<b>Carcass ID Number</b>																	<b>Total Tissues/ Tumors</b>
	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	
	3	3	3	3	6	6	6	9	9	0	0	3	3	3	3	3	
	5	6	7	8	3	4	5	4	5	0	1	1	1	2	3	4	
Parathyroid gland																	15
Peripheral nerve																	18
Peripheral nerve, sciatic																	18
Pituitary gland																	30
Adenoma, pars distalis	+	+	+	+		+				+							20
Leukemia monuc	X	X	X	X		X											3
Salivary glands																	18
Leukemia monuc																	1
Skeletal muscle																	18
Skeletal muscle, thigh																	18
Skin																	18
Spinal cord																	18
Spinal cord, thoracic																	18
Spleen																	25
Leukemia monuc	+	+															12
Stomach																	18
Stomach, forestomach																	17
Leukemia monuc																	1
Stomach, glandular																	18
Leukemia monuc																	1
Thymus																	15
Leukemia monuc																	4
Thyroid gland																	18
Leukemia monuc																	1
Tongue																	18
Trachea																	18
Urinary bladder																	17
Leukemia monuc																	1
Uterus																	23
Leukemia monuc																	1
Polyp stromal, endometrium																	4
Sarcoma, cervix																	1
Vagina																	17
Leukemia monuc																	1
Zymbal's gland																	15
Carcinoma																	1

**TABLE B2**  
**Individual Animal Tumor Pathology of Female Rats in the 2-Year Feed Study of Fumonisin B<sub>1</sub>: 15 ppm**

Carcass ID Number	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	
	2	4	4	4	4	6	7	7	8	9	1	1	2	4	4	5	5	6	7	8	4	5	5	5	6		
	7	0	2	3	9	5	0	7	2	2	1	8	1	3	9	2	5	8	7	0	9	0	1	2	4		
Adrenal gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Leukemia monuc						X				X	X	X	X														
Pheochrom bgn, medulla																											
Blood vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+							
Blood vessel, aorta	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+								
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							
Bone, femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							
Bone, sternum	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							
Bone marrow	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							
Leukemia monuc							X			X	X	X	X	X													
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							
Leukemia monuc							X																				
Brain, cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							
Brain, cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							
Clitoral gland	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Adenoma							X			X	X	X	X	X							X	X	X				
Adenoma, bilateral																											
Leukemia monuc																											
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+		
Leukemia monuc							X																				
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Harderian gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Leukemia monuc																											
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Leukemia monuc																											
Intestine large	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Intestine large, cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Leukemia monuc																											
Intestine large, colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Leukemia monuc							X			X	X	X	X	X													
Intestine large, rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Leukemia monuc																											
Schwannoma mal, metastatic, uterus																											
Intestine small	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Intestine small, duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Leukemia monuc																											
Intestine small, ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Leukemia monuc							X			X																	
Intestine small, jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Leukemia monuc																											
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Leukemia monuc																											
Lacrimal gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Leukemia monuc																											
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Hepatoclr aden							X			X	X	X	X	X													
Leukemia monuc																											
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Leukemia monuc							X			X	X	X	X	X													
Lung, bronchus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Carcinoma																											
Lymph node	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Leukemia monuc, pancreatic																											
Lymph node, mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Leukemia monuc																											
Lymph node, mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Leukemia monuc							X			X	X	X	X	X													

**TABLE B2**  
**Individual Animal Tumor Pathology of Female Rats in the 2-Year Feed Study of Fumonisins B<sub>1</sub>: 15 ppm**

<b>Carcass ID Number</b>	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	Total	
	6	9	9	9	1	4	4	5	5	6	8	9	9	0	3	3	3	3	6	6	6	Tissues/
	6	2	3	4	5	4	5	8	9	7	9	0	1	2	5	6	7	8	6	7	8	Tumors
Adrenal gland	+																				24	
Leukemia monuc	X																				8	
Pheochrom bgn, medulla	X																				1	
Blood vessel	+																				23	
Blood vessel, aorta	+																				23	
Bone	+																				24	
Bone, femur	+																				24	
Bone, sternum	+																				23	
Bone marrow	+																				23	
Leukemia monuc	X																				10	
Brain	+																				24	
Leukemia monuc																					1	
Brain, cerebellum	+																				24	
Brain, cerebrum	+																				24	
Clitoral gland	M	+	M																		25	
Adenoma																					7	
Adenoma, bilateral																					2	
Leukemia monuc																					1	
Esophagus	+																				23	
Leukemia monuc																					1	
Eye	+																				32	
Harderian gland	+																				24	
Leukemia monuc																					1	
Heart	+																				24	
Leukemia monuc																					6	
Intestine large	+																				24	
Intestine large, cecum	+																				24	
Leukemia monuc																					1	
Intestine large, colon	+																				24	
Leukemia monuc																					1	
Intestine large, rectum	+																				24	
Leukemia monuc																					1	
Schwannoma mal, metastatic, uterus																					1	
Intestine small	+																				24	
Intestine small, duodenum	+																				24	
Leukemia monuc																					1	
Intestine small, ileum	+																				24	
Leukemia monuc																					2	
Intestine small, jejunum	+																				24	
Leukemia monuc																					1	
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Leukemia monuc																					6	
Lacrimal gland	+																				26	
Leukemia monuc																					3	
Larynx	+																				24	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Hepatoclr aden																					1	
Leukemia monuc	X																				15	
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Leukemia monuc	X																				11	
Lung, bronchus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Carcinoma																					1	
Lymph node	+																				25	
Leukemia monuc, pancreatic																					1	
Lymph node, mandibular	+																				24	
Leukemia monuc	X																				8	
Lymph node, mesenteric	+																				25	
Leukemia monuc																					10	

**TABLE B2**  
**Individual Animal Tumor Pathology of Female Rats in the 2-Year Feed Study of Fumonisin B<sub>1</sub>: 15 ppm**

Carcass ID Number	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	
	2	4	4	4	4	6	7	7	8	9	1	1	2	4	4	5	5	6	7	8	4	5	5	5	6			
	7	0	2	3	9	5	0	7	2	2	1	8	1	3	9	2	5	8	7	0	9	0	1	2	4			
Mammary gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenoma														X														
Carcinoma	X										X										X							
Carcinoma, multiple												X																
Fibroadenoma							X						X			X	X	X			X	X		X				
Fibroadenoma, multiple														X			X	X	X			X						
Leukemia monuc																					X							
Mesentery																					+							
Leukemia monuc																												
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia monuc							X														X	X						
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia monuc							X														X	X	X					
Parathyroid gland																												
Peripheral nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Peripheral nerve, sciatic																												
Pituitary gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenoma, pars distalis							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Leukemia monuc														X			X	X										
Salivary glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia monuc							X																					
Skeletal muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skeletal muscle, thigh																												
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Fibroma, subcut tiss																												
Keratoacanthma																												
Spinal cord	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Spinal cord, thoracic																												
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia monuc														X			X	X	X	X	X	X	X	X	X	X	X	
Stomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, forestomach														X														
Leukemia monuc																												
Stomach, glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia monuc														X			X	X										
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	
Leukemia monuc														X			X	X	X	X	X							
Thyroid gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenoma, c cell														X			X	X	X	X	X	X	X	X	X	X	X	
Carcinoma, c cell																												
Leukemia monuc																												
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia monuc														X														
Urinary bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia monuc														X			X	X	X	X	X	X	X	X	X	X	X	
Schwannoma mal, metastatic, uterus														X														
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia monuc														X														
Polyp stromal, endometrium																					X	X						
Schwannoma mal																												
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia monuc														X														
Polyp																												
Schwannoma mal, metastatic, uterus														X														
Zymbal's gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

**TABLE B2**  
**Individual Animal Tumor Pathology of Female Rats in the 2-Year Feed Study of Fumonisins B<sub>1</sub>: 15 ppm**

<b>Carcass ID Number</b>	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	Total
	6	9	9	9	1	4	4	5	5	6	8	9	9	0	3	3	3	3	6	6	6	6	Tissues/ Tumors
	6	2	3	4	5	4	5	8	9	7	9	0	1	2	5	6	7	8	6	7	8	9	0
Mammary gland	+	+			M	+		+	+	+	+	+	+					+	+			33	
Adenoma																							1
Carcinoma																							3
Carcinoma, multiple																							1
Fibroadenoma	X				X					X	X							X					12
Fibroadenoma, multiple	X									X	X							X					4
Leukemia monuc																							1
Mesentery	+									+					+		+						5
Leukemia monuc																		X					1
Nose	+									+													24
Ovary	+								+									+					25
Leukemia monuc																							3
Pancreas	+								+														24
Leukemia monuc	X																						6
Parathyroid gland	+								+														24
Peripheral nerve	+								+														24
Peripheral nerve, sciatic	+								+														24
Pituitary gland	+	+	+		M	+	+		+					M			+	+	+	+			35
Adenoma, pars distalis	X	X			X	X			X								X	X	X	X			25
Leukemia monuc																							4
Salivary glands	+								+														25
Leukemia monuc																							2
Skeletal muscle	+								+														24
Skeletal muscle, thigh	+								+														24
Skin	+								+														27
Fibroma, subcut tiss									X														1
Keratoacanthma																							1
Spinal cord	+								+														24
Spinal cord, thoracic	+								+														24
Spleen	+								+	+	+	+	+	+				+	+				30
Leukemia monuc	X	X	X		X	X			X	X							X	X					15
Stomach	+								+														24
Stomach, forestomach	+								+														24
Leukemia monuc																							2
Stomach, glandular	+								+														24
Leukemia monuc																							3
Thymus	+					M			M														22
Leukemia monuc	X																	X					9
Thyroid gland	+	+	+						+														25
Adenoma, c cell	X																						3
Carcinoma, c cell																							1
Leukemia monuc									X														2
Tongue	+								+														24
Trachea	+								+														24
Leukemia monuc																							1
Urinary bladder	+								+														24
Leukemia monuc	X																						6
Schwannoma mal, metastatic, uterus																							1
Uterus	+	+	+						+	+								+	+	+			30
Leukemia monuc																							3
Polyp stromal, endometrium	X	X							X									X					5
Schwannoma mal																							1
Vagina	+								+														25
Leukemia monuc																							3
Polyp																							1
Schwannoma mal, metastatic, uterus																							1
Zymbal's gland					M				+														18

**TABLE B2****Individual Animal Tumor Pathology of Female Rats in the 2-Year Feed Study of Fumonisin B<sub>1</sub>: 50 ppm**

<b>Carcass ID Number</b>	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	
	1	1	1	3	5	8	9	9	2	3	4	5	7	0	2	2	2	3	3	3	5	5	9	9	9	
	0	1	8	1	8	9	0	5	9	6	5	7	3	7	6	7	9	0	1	2	3	5	5	6	7	
Adrenal gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia monuc															X											
Pheochrom bgn, medulla																	X									
Blood vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Blood vessel, aorta	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Sarcoma, maxilla															X											
Bone, femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Bone, sternum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Bone marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia monuc															X	X	X									
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Brain, cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Brain, cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Clitoral gland	M	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenoma															X	X	X									X
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	I	+	+	+	+	+	+	+	+	+	+	
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Harderian gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia monuc																X										
Intestine large	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine large, cecum	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine large, colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine large, rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine small	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine small, duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leiomyosar															X											
Intestine small, ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine small, jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenoma, renal tubule																X										
Leukemia monuc																										X
Lacrimal gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Larynx	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia monuc																X	X	X	X	X	X	X	X	X	X	
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Alv bron aden																X										
Leukemia monuc																										
Lung, bronchus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph node	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia monuc																										
Lymph node, mandibular	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia monuc																X	X	X	X	X	X	X	X	X	X	
Lymph node, mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia monuc																										
Mammary gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Fibroadenoma																X	X	X	X	X	X	X	X	X	X	
Fibroadenoma, multiple																										
Mesentery	+																									
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Oviduct	+																									
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia monuc																										
Parathyroid gland	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

**TABLE B2**  
**Individual Animal Tumor Pathology of Female Rats in the 2-Year Feed Study of Fumonisins B<sub>1</sub>: 50 ppm**

<b>Carcass ID Number</b>	2	2	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	Total
	9	9	0	1	3	4	4	4	4	5	7	7	7	7	3	4	4	4	7	7	7	7	Tissues/ Tumors
	8	9	0	3	9	0	1	8	9	0	3	4	5	6	9	0	1	2	1	2	3	4	5
Adrenal gland																							19
Leukemia monuc									X														2
Pheochrom bgn, medulla																							1
Blood vessel										+													18
Blood vessel, aorta											+												18
Bone											+												18
Sarcoma, maxilla												+											1
Bone, femur												+											18
Bone, sternum												+											18
Bone marrow												+											18
Leukemia monuc									X														5
Brain										+													18
Brain, cerebellum											+												18
Brain, cerebrum											+												18
Clitoral gland												+	+	+	+	+	+					22	
Adenoma													X		X								6
Esophagus													+										17
Eye													+	+	+	+	+	+				25	
Harderian gland													+										18
Heart													+										18
Leukemia monuc									X														2
Intestine large												+											18
Intestine large, cecum												+											16
Intestine large, colon												+											18
Intestine large, rectum												+											18
Intestine small												+											18
Intestine small, duodenum												+											18
Leiomyosar													+										1
Intestine small, ileum												+											18
Intestine small, jejunum												+											18
Kidney																							48
Adenoma, renal tubule																							1
Leukemia monuc									X				X										3
Lacrimal gland													+										19
Larynx													+										17
Liver																							48
Leukemia monuc									X			X											8
Lung																							48
Alv bron aden																							1
Leukemia monuc																							6
Lung, bronchus																							48
Lymph node																							18
Leukemia monuc																							1
Lymph node, mandibular																							1
Leukemia monuc									X														17
Lymph node, mesenteric																							4
Leukemia monuc																							18
Mammary gland																							4
Fibroadenoma																							30
Fibroadenoma, multiple																							11
Mesentery																							5
Nose																							3
Ovary																							18
Oviduct																							22
Pancreas																							1
Leukemia monuc																							18
Parathyroid gland																							1
																							17

**TABLE B2**  
**Individual Animal Tumor Pathology of Female Rats in the 2-Year Feed Study of Fumonisins B<sub>1</sub>: 50 ppm**

**TABLE B2**  
**Individual Animal Tumor Pathology of Female Rats in the 2-Year Feed Study of Fumonisins B<sub>1</sub>: 50 ppm**

<b>Carcass ID Number</b>	2	2	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	Total
	9	9	0	1	3	4	4	4	4	5	7	7	7	7	3	4	4	4	7	7	Tissues/
	8	9	0	3	9	0	1	8	9	0	3	4	5	6	9	0	1	2	1	2	Tumors
Peripheral nerve																					17
Peripheral nerve, sciatic																					17
Pituitary gland	+																				34
Adenoma, pars distalis	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	23	
Adenoma, pars intermed																					1
Leukemia monuc																					2
Salivary glands	+																				18
Skeletal muscle	+																				18
Skeletal muscle, thigh	+																				18
Skin	+																				21
Lipoma, subcut tiss																					2
Liposarc, subcut tiss																					1
Squam cel carc																					1
Spinal cord	+																				18
Spinal cord, thoracic	+																				18
Spleen	+																				21
Leukemia monuc	X																				8
Stomach	+																				18
Stomach, forestomach	+																				18
Stomach, glandular	+																				18
Thymus	+																				18
Leukemia monuc																					2
Thyroid gland	+																				19
Carcinoma, c cell																					1
Tongue	+	+																			20
Papilloma squa			X																		2
Trachea	+																				18
Urinary bladder	+																				18
Uterus	+																				23
Leukemia monuc, cervix																					1
Polyp stromal, endometrium																					3
Vagina	+																				18
Leukemia monuc	X																				2
Zymbal's gland	+																				14
Adenoma																					1

**TABLE B2**  
**Individual Animal Tumor Pathology of Female Rats in the 2-Year Feed Study of Fumonisin B<sub>1</sub>: 100 ppm**

Carcass ID Number	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	
	3	4	6	9	9	1	4	5	6	6	6	6	8	9	0	0	3	3	3	3	4	4	4	4	0	
	5	5	7	6	7	9	2	1	1	2	4	5	8	7	2	9	7	8	9	0	1	2	3	1	1	
Adrenal gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenoma, cortex																	X	X	X	X					X	
Leukemia monuc																	X									
Pheochrom bgn, medulla																		X								
Blood vessel	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	M	+	+	+	+	+	+	+	
Blood vessel, aorta	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	M	+	+	+	+	+	+	+	
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Bone, femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Bone, sternum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Bone marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia monuc	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Brain	+	+	+	+	+	+	+	+	+	+	+	+	X	X	X	X	X	X								
Carcinoma, metastatic, pituitary gland																										
Leukemia monuc																	X									
Brain, cerebellum	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Brain, cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Meningioma mal																		X								
Clitoral gland	M	M	+	+	+	+	+	+	+	+	+	+	M	+	+	+	M	+	+	+	+	+	+	+	+	
Adenoma														X	X	X	X	X	X	X	X	X	X	X	X	X
Adenoma, bilateral																										
Carcinoma																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Harderian gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia monuc																										
Heart																										
Alv bron carc, metastatic, lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia monuc																	X									
Intestine large	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine large, cecum	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine large, colon	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine large, rectum	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Histio sarc, metastatic, skin																		X								
Intestine small	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine small, duodenum	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine small, ileum	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine small, jejunum	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Kidney	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Carcinoma, renal tubule																	X									
Leukemia monuc																	X									
Lacrimal gland																	X									
Leukemia monuc																	X									
Larynx																										
Liver																										
Histio sarc, metastatic, skin																		X								
Leukemia monuc																	X									
Lung																	X									
Alv bron aden																	X									
Alv bron carc																	X									
Histio sarc, metastatic, skin																	X									
Leukemia monuc																	X									
Lung, bronchus																										
Lymph node																										
Lymph node, mandibular																										
Leukemia monuc																										
Lymph node, mesenteric																										
Leukemia monuc																										

**TABLE B2**  
**Individual Animal Tumor Pathology of Female Rats in the 2-Year Feed Study of Fumonisins B<sub>1</sub>: 100 ppm**

Carcass ID Number	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	Total	
	0	0	1	1	4	6	6	6	9	9	9	9	9	4	4	4	4	4	4	4	7	7	7	7	8	
	2	3	4	7	6	0	1	2	2	3	8	9	3	4	5	6	7	8	6	7	8	9	0	Tissues/ Tumors		
Adrenal gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Adenoma, cortex																									X	1
Leukemia monuc																									X	6
Pheochrom bgn, medulla																									X	2
Blood vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Blood vessel, aorta	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Bone, femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Bone, sternum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Bone marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Leukemia monuc																									X	10
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Carcinoma, metastatic, pituitary gland																									X	1
Leukemia monuc																									X	1
Brain, cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Brain, cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Meningioma mal																									X	1
Clitoral gland	+	M	+	+	+	+	+	+	+	+	+	+	+	M	+	+	M	+	M	+	+	+	+	+	40	
Adenoma		X	X																						X	8
Adenoma, bilateral																									X	2
Carcinoma																									X	1
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Harderian gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Leukemia monuc																									X	1
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Alv bron carc, metastatic, lung																									X	1
Leukemia monuc																									X	5
Intestine large	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Intestine large, cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Intestine large, colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Intestine large, rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Histio sarc, metastatic, skin																									X	1
Intestine small	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Intestine small, duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Intestine small, ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Intestine small, jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Carcinoma, renal tubule																									X	1
Leukemia monuc																									X	5
Lacrimal gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Leukemia monuc																									X	6
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Histio sarc, metastatic, skin																									X	1
Leukemia monuc																									X	16
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Alv bron aden																									X	2
Alv bron carc																									X	1
Histio sarc, metastatic, skin																									X	6
Leukemia monuc																									X	48
Lung, bronchus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Lymph node	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Lymph node, mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Leukemia monuc																									X	10
Lymph node, mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Leukemia monuc																									X	7

**TABLE B2**  
**Individual Animal Tumor Pathology of Female Rats in the 2-Year Feed Study of Fumonisin B<sub>1</sub>: 100 ppm**

Carcass ID Number	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3
	3	4	6	9	9	1	4	5	6	6	6	6	8	9	0	0	3	3	3	4	4	4	4	6	0		
	5	5	7	6	7	9	2	1	1	2	4	5	8	7	2	9	7	8	9	0	1	2	3	1	1		
Mammary gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Carcinoma																		X									
Fibroadenoma															X												
Fibroadenoma, multiple																											
Mesentery																		+									
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parathyroid gland	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Peripheral nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Peripheral nerve, sciatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pituitary gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenoma, pars distalis	X	X	X	X	X		X	X					X	X	X	X	X	X	X	X	X	X					
Carcinoma, pars distalis																		X									
Salivary glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skeletal muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Histio sarc, metastatic, skin																		X									
Skeletal muscle, thigh	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Fibroma, subcut tiss																		X									
Histio sarc, subcut tiss																		X									
Melanoma mal, subcut tiss, head																		X									
Spinal cord																		X									
Spinal cord, thoracic																		X									
Spleen																		X									
Histio sarc, metastatic, skin																		X									
Leukemia monuc																		X									
Stomach																		X									
Stomach, forestomach																		X									
Leukemia monuc																		X									
Stomach, glandular																		X									
Leukemia monuc																		X									
Thymus																		X									
Leukemia monuc																		X									
Thyroid gland																		X									
Adenoma, c cell																		X									
Carcinoma, c cell																		X									
Tongue																		X									
Trachea																		X									
Urinary bladder																		X									
Papilloma, transit epithe																		X									
Uterus																		X									
Carcinoma, endometrium																		X									
Polyp stromal, endometrium																		X									
Sarc stromal																		X									
Vagina																		X									
Leukemia monuc																		X									
Liposarc																		X									
Zymbal's gland																		X									

**TABLE B2**  
**Individual Animal Tumor Pathology of Female Rats in the 2-Year Feed Study of Fumonisins B<sub>1</sub>: 100 ppm**

Carcass ID Number	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	Total	
	0	0	1	1	4	6	6	6	9	9	9	9	4	4	4	4	4	4	4	7	7	7	7	8	Tissues/ Tumors	
	2	3	4	7	6	0	1	2	2	3	8	9	3	4	5	6	7	8	6	7	8	9	0			
Mammary gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48		
Carcinoma									X																3	
Fibroadenoma								X		X		X		X		X									8	
Fibroadenoma, multiple																										3
Mesentery	+																									2
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48	
Ovary	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+		47	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48	
Parathyroid gland	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	M	+	+	+	+	+	+	+		45	
Peripheral nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48	
Peripheral nerve, sciatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48	
Pituitary gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48	
Adenoma, pars distalis	X	X	X	X	X		X	X	X	X		X	X		X	X									29	
Carcinoma, pars distalis																										1
Salivary glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48	
Skeletal muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48	
Histo sarc, metastatic, skin																										1
Skeletal muscle, thigh	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48	
Fibroma, subcut tiss																										2
Histo sarc, subcut tiss																										1
Melanoma mal, subcut tiss, head																										1
Spinal cord	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48	
Spinal cord, thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48	
Histo sarc, metastatic, skin																										1
Leukemia monuc	X	X	X											X		X	X	X							16	
Stomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48	
Stomach, forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48	
Leukemia monuc																										1
Stomach, glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48	
Leukemia monuc																										1
Thymus	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	M	+	+	M	+	+	+	+		40	
Leukemia monuc																										7
Thyroid gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48	
Adenoma, c cell														X		X	X	X							6	
Carcinoma, c cell																										1
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48	
Urinary bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		47	
Papilloma, transit epithe																										1
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48	
Carcinoma, endometrium														X		X	X	X							1	
Polyp stromal, endometrium																										7
Sarc stromal																										1
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		47	
Leukemia monuc																										1
Liposarc																										1
Zymbal's gland	+	M	+	+	+	+	+	+	+	+	+	+	+	M	M	+	+	+	+	+	+	+	+		38	