

Experiment Number: 20303 - 06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Vinylidene chloride
CAS Number: 75-35-4

Date Report Requested: 08/26/2013
Time Report Requested: 12:08:14
First Dose M/F: 06/20/05 / 06/20/05
Lab: BNW

F3_M3

NTP Study Number: C20303
Lock Date: 05/19/2008
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 3.0.2.0_001
PWG Approval Date: 07/01/2011

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B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Control	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	males (cont...)
		6	5	7	5	7	7	7	7	7	5	7	5	7	7	7	7	6	7	4	7	7	7	7			7	0	0	0	0	0	0	0	0	0	0	0	0	0										
		5	8	3	3	1	3	3	1	3	5	3	9	3	2	2	2	4	3	8	3	2	3	2			2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0								

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	A	+	+	+	M	+	+	+	+	+	+	+	+	+	+	A	+	A	+	+	+	+	+	+
Intestine Large, Cecum Carcinoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+
Intestine Large, Colon	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+
Intestine Large, Rectum	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+
Intestine Small, Duodenum	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+
Intestine Small, Ileum Adenoma	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+
Intestine Small, Jejunum Hepatocholangiocarcinoma, Metastatic, Liver	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma													X											
Hepatoblastoma							X																	
Hepatocellular Adenoma				X							X				X							X	X	
Hepatocellular Adenoma, Multiple			X	X	X		X		X		X	X	X		X	X	X		X		X	X	X	X
Hepatocellular Carcinoma		X	X	X									X				X		X	X	X	X	X	
Hepatocellular Carcinoma, Multiple	X						X	X	X	X						X								
Hepatocholangiocarcinoma																								
Lymphoma Malignant																								

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
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B6C3F1 MICE MALE Control	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ANIMAL ID	males (cont...)
	6	5	7	5	7	7	7	7	7	5	7	5	7	7	7	7	6	7	4	7	7	7	7	7	7		
	5	8	3	3	1	3	3	1	3	5	3	9	3	2	2	2	4	3	8	3	2	3	2	2	3	0	
	2	9	1	5	2	0	0	9	0	0	0	6	1	9	9	9	2	0	8	1	9	0	9	9	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	0	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5		

Mesentery	+																								
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach Squamous Cell Papilloma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+					
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+
Tooth	+																								

CARDIOVASCULAR SYSTEM

Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hepatocellular Carcinoma, Metastatic, Liver			X																						
Hepatocholangiocarcinoma, Metastatic, Liver																									

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Subcapsular, Adenoma																									
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pheochromocytoma Benign																									
Pheochromocytoma Malignant																									
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																									

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B6C3F1 MICE MALE Control	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		6	5	7	5	7	7	7	7	7	5	7	5	7	7	7	7	6	7	4	7	7	7	7	7	
		5	8	3	3	1	3	3	1	3	5	3	9	3	2	2	2	4	3	8	3	2	3	2	3	
		2	9	1	5	2	0	0	9	0	0	0	6	1	9	9	2	0	8	1	9	0	9	2	9	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5

males
(cont...)

Lymph Node
Pancreatic, Histiocytic Sarcoma
Renal, Lymphoma Malignant

Lymph Node, Bronchial
Hepatocholangiocarcinoma, Metastatic, Liver

Lymph Node, Mandibular

Lymph Node, Mediastinal
Hepatocholangiocarcinoma, Metastatic, Liver
Lymphoma Malignant

Lymph Node, Mesenteric
Carcinoma, Metastatic, Intestine Large, Cecum
Histiocytic Sarcoma
Lymphoma Malignant

Spleen
Hemangiosarcoma
Histiocytic Sarcoma
Lymphoma Malignant

Thymus
Lymphoma Malignant

INTEGUMENTARY SYSTEM

Mammary Gland

Skin

	+	+	+	+	M	+	+	M	+	M	+	+	+	+	+	M	I	M	M	+	+	M	+	+	M
	M	+	M	M	M	+	M	+	M	+	M	+	M	M	M	M	M	+	M	+	M	M	+	+	
	+	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+
	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	X																								X
	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	+	+	+	+	M	+	+	M	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	M	+
	M	M	M	M	M	M	M	M	M	M	M	+	M	M	M	M	M	M	M	M	M	M	M	M	M
	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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B6C3F1 MICE MALE	DAY ON TEST	0 6 5 2	0 5 8 9	0 7 3 1	0 5 3 5	0 7 1 2	0 7 3 0	0 7 3 0	0 7 1 9	0 7 5 0	0 7 3 0	0 5 9 0	0 7 3 6	0 7 9 1	0 7 2 9	0 7 2 9	0 6 4 2	0 7 3 0	0 4 8 8	0 7 3 1	0 7 2 9	0 7 3 0	0 7 2 9	0 7 2 9	0 7 2 9	0 7 3 0	males (cont...)
	ANIMAL ID	0 0 0 0 1	0 0 0 0 2	0 0 0 0 3	0 0 0 0 4	0 0 0 0 5	0 0 0 0 6	0 0 0 0 7	0 0 0 0 8	0 0 0 0 9	0 0 0 0 0	0 0 0 0 1	0 0 0 0 2	0 0 0 0 3	0 0 0 0 4	0 0 0 0 5	0 0 0 0 6	0 0 0 0 7	0 0 0 0 8	0 0 0 0 9	0 0 0 0 0	0 0 0 0 1	0 0 0 0 2	0 0 0 0 3	0 0 0 0 4	0 0 0 0 5	

Fibrous Histiocytoma
 Keratoacanthoma
 Subcutaneous Tissue, Liposarcoma

X

X

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle																											
Hemangiosarcoma																											

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
-------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

RESPIRATORY SYSTEM

Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Adenoma																											
Alveolar/Bronchiolar Carcinoma																											
Alveolar/Bronchiolar Carcinoma, Multiple																											
Hemangiosarcoma																											
Hepatocellular Carcinoma, Metastatic, Liver	X	X																									
Hepatocholangiocarcinoma, Metastatic, Liver																											
Lymphoma Malignant																											
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant																											

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Lab: BNW

B6C3F1 MICE MALE Control	DAY ON TEST	062	058	073	053	071	073	073	077	073	051	075	073	073	072	072	072	064	073	048	073	072	073	077	072	073	073
	ANIMAL ID	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6

males
(cont...)

Pleura
Hepatocholangiocarcinoma, Metastatic, Liver

Trachea +

SPECIAL SENSES SYSTEM

Eye +

Harderian Gland
Adenoma + + + + + + + + + X + + + + + + + + + + + X + +

URINARY SYSTEM

Kidney
Hemangiosarcoma +
Hepatocholangiocarcinoma, Metastatic, Liver
Lymphoma Malignant X

Urinary Bladder +

SYSTEMIC LESIONS

Multiple Organ
Histiocytic Sarcoma +
Lymphoma Malignant X

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B6C3F1 MICE MALE	DAY ON TEST	0729	0623	0729	0631	0770	0771	0772	0773	0774	0669	0664	0773	0777	0777	0777	0666	0664	0667	0575	0776	0665	0551	* TOTALS
	ANIMAL ID	0026	0027	0028	0029	0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	0040	0041	0042	0043	0044	0045	0046	0047	

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Gallbladder	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	A	+	+	A	+	+	A	42
Intestine Large, Cecum Carcinoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	A	+	+	+	47 1
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	47
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	A	+	+	A	+	+	A	44
Intestine Small, Ileum Adenoma	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	A	+	+	A	+	+	A	44 1
Intestine Small, Jejunum Hepatocolangiocarcinoma, Metastatic, Liver	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	A	+	+	A	+	+	A	43 1
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hemangiosarcoma		X																						2	
Hepatoblastoma																								1	
Hepatocellular Adenoma		X	X		X	X			X	X			X	X			X		X			X	X	17	
Hepatocellular Adenoma, Multiple					X		X	X			X	X				X		X		X		X		20	
Hepatocellular Carcinoma		X		X				X		X	X							X		X		X	X	18	
Hepatocellular Carcinoma, Multiple													X		X									8	
Hepatocolangiocarcinoma														X										1	
Lymphoma Malignant																	X							1	

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B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		7	6	7	6	7	7	7	7	7	7	6	6	7	7	7	7	6	4	6	7	5	7	6	5	
Control	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		2	2	2	3	3	3	3	3	3	2	9	3	0	0	3	2	6	4	1	2	0	2	7		
		9	3	9	9	1	0	1	0	0	1	9	4	0	8	4	1	9	1	3	0	9	1	9		
		6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8		
* TOTALS																										
Mesentery					+					+		+				+				+					6	
Pancreas		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Salivary Glands		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Stomach, Forestomach Squamous Cell Papilloma		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49 1	
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	48	
Tooth																					+				2	
CARDIOVASCULAR SYSTEM																										
Heart		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hepatocellular Carcinoma, Metastatic, Liver																									1	
Hepatocholangiocarcinoma, Metastatic, Liver																X									1	
ENDOCRINE SYSTEM																										
Adrenal Cortex		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Subcapsular, Adenoma																									1	
Adrenal Medulla		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Pheochromocytoma Benign						+																	X		1	
Pheochromocytoma Malignant																									1	
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Adenoma																								X	2	

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Lab: BNW

B6C3F1 MICE MALE	DAY ON TEST																									* TOTALS	
	0729	0623	0729	0623	0729	0729	0729	0729	0729	0729	0729	0629	0629	0729	0729	0729	0729	0729	0629	0629	0729	0729	0729	0729	0729		
Control	ANIMAL ID																									* TOTALS	
	00026	00027	00028	00029	00030	00031	00032	00033	00034	00035	00036	00037	00038	00039	00040	00041	00042	00043	00044	00045	00046	00047	00048	00049	00050		
Parathyroid Gland	M	I	+	+	M	M	M	M	+	+	+	+	+	+	+	+	+	+	M	+	+	M	+	M	M	26	
Pituitary Gland	+	+	+	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Lymphoma Malignant																				X						1	
Pars Intermedia, Adenoma																				X						1	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
GENERAL BODY SYSTEM																											
NONE																											
GENITAL SYSTEM																											
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hemangioma																										1	
Interstitial Cell, Adenoma																										1	
HEMATOPOIETIC SYSTEM																											
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hemangiosarcoma																										1	

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

B6C3F1 MICE MALE Control	DAY ON TEST																							* TOTALS
	0729	0623	0723	0639	0731	0770	0772	0777	0777	0777	0666	0666	0777	0777	0777	0777	0666	0446	0667	0557	0776	0665		
ANIMAL ID	0026	0007	0008	0009	0000	0001	0002	0003	0004	0005	0006	0007	0008	0009	0000	0001	0002	0003	0004	0005	0006	0007	0008	
Lymph Node																								2
Pancreatic, Histiocytic Sarcoma																								1
Renal, Lymphoma Malignant																								1
Lymph Node, Bronchial	+	M	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	M	M	+	+	M	M	33
Hepatocholangiocarcinoma, Metastatic, Liver															X									1
Lymph Node, Mandibular	+	M	M	M	M	M	+	M	M	M	M	M	+	M	M	+	M	M	+	M	+	M	+	17
Lymph Node, Mediastinal	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	M	+	+	+	+	+	M	+	43
Hepatocholangiocarcinoma, Metastatic, Liver															X									1
Lymphoma Malignant																			X					1
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	M	+	+	+	M	46
Carcinoma, Metastatic, Intestine Large, Cecum																								1
Histiocytic Sarcoma																					X			1
Lymphoma Malignant																				X				2
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hemangiosarcoma			X																					2
Histiocytic Sarcoma			X																		X			2
Lymphoma Malignant																					X			1
Thymus	+	+	+	I	+	+	+	+	+	M	M	+	+	M	+	+	+	+	+	M	+	A	+	39
Lymphoma Malignant																				X				1
INTEGUMENTARY SYSTEM																								
Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	1
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

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 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

B6C3F1 MICE MALE	DAY ON TEST																								* TOTALS
	0729	0623	0729	0633	0731	0771	0777	0777	0777	0777	0666	0666	0777	0777	0777	0777	0666	0666	0444	0666	0777	0555	0777	0666	
Control	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	1
	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	1
	2222	2222	2222	2222	3333	3333	3333	3333	3333	3333	3333	3333	3333	3333	3333	3333	3333	3333	3333	3333	3333	3333	3333	3333	1
	6789	6789	6789	6789	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	1

Fibrous Histiocytoma 1
 Keratoacanthoma 1
 Subcutaneous Tissue, Liposarcoma X 1

MUSCULOSKELETAL SYSTEM

Bone + 50
 Skeletal Muscle 1
 Hemangiosarcoma 1

NERVOUS SYSTEM

Brain + 50

RESPIRATORY SYSTEM

Larynx + 50
 Lung + 50
 Alveolar/Bronchiolar Adenoma X X 7
 Alveolar/Bronchiolar Carcinoma X X 8
 Alveolar/Bronchiolar Carcinoma, Multiple X 1
 Hemangiosarcoma 1
 Hepatocellular Carcinoma, Metastatic, Liver X X 10
 Hepatocholangiocarcinoma, Metastatic, Liver X 1
 Lymphoma Malignant X 1
 Nose + 50
 Lymphoma Malignant X 1

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Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
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 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

B6C3F1 MICE MALE	DAY ON TEST																								* TOTALS		
	0729	0623	0729	0623	0729	0623	0729	0623	0729	0623	0729	0623	0729	0623	0729	0623	0729	0623	0729	0623	0729	0623	0729	0623		0729	
Control	ANIMAL ID																										
	0026	0007	0008	0009	0010	0011	0012	0013	0014	0015	0016	0017	0018	0019	0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	0030		
Pleura																										1	
Hepatocholangiocarcinoma, Metastatic, Liver																										1	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
SPECIAL SENSES SYSTEM																											
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Adenoma							X				X		X			X						X			7		
URINARY SYSTEM																											
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Hemangiosarcoma																									1		
Hepatocholangiocarcinoma, Metastatic, Liver																X									1		
Lymphoma Malignant																						X			1		
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
SYSTEMIC LESIONS																											
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Histiocytic Sarcoma	X																					X			2		
Lymphoma Malignant																							X		2		

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Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

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 Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

B6C3F1 MICE MALE	DAY ON TEST	0701	0729	0779	0779	0779	0761	0777	0777	0777	0769	0766	0777	0777	0777	0777	0777	0766	0777	0777	0777	0777	0757	0773
	ANIMAL ID	0020	0022	0022	0022	0022	0022	0022	0022	0022	0022	0022	0022	0022	0022	0022	0022	0022	0022	0022	0022	0022	0022	0022
6.25 ppm		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3
		males (cont...)																						

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	M	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	A	+	+	+	+	+	+
Intestine Small, Ileum Carcinoma	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	A	+	+	+	+	+	+
Intestine Small, Jejunum Carcinoma	+	+	+	+	+	+	A	+	+	+	+	A	+	X	+	+	+	+	+	A	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangioma																								
Hemangiosarcoma																								
Hepatocellular Adenoma	X		X						X					X			X		X		X			
Hepatocellular Adenoma, Multiple		X		X	X			X		X	X		X	X		X		X		X		X		
Hepatocellular Carcinoma			X		X		X			X	X	X	X		X			X						X
Hepatocellular Carcinoma, Multiple																								
Hepatocholangiocarcinoma	X																							
Lymphoma Malignant																								
Mesentery	+													+	+							+	+	

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 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
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Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

B6C3F1 MICE MALE 6.25 ppm	DAY ON TEST																									ANIMAL ID	males (cont...)
	0701	0702	0703	0704	0705	0706	0707	0708	0709	0710	0711	0712	0713	0714	0715	0716	0717	0718	0719	0720	0721	0722	0723	0724	0725		
Hepatocholangiocarcinoma, Metastatic, Liver	X																										
Pancreas	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hepatocellular Carcinoma, Metastatic, Liver																											
Hepatocholangiocarcinoma, Metastatic, Liver	X																										
Lymphoma Malignant																											
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Glandular	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Tooth																										+	
CARDIOVASCULAR SYSTEM																											
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Carcinoma, Metastatic, Harderian Gland																											
Hepatocellular Carcinoma, Metastatic, Liver																										X	
ENDOCRINE SYSTEM																											
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Carcinoma																											
Subcapsular, Adenoma																											
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pheochromocytoma Benign																										X	
Islets, Pancreatic	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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 X .. Lesion present
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M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

B6C3F1 MICE MALE 6.25 ppm	DAY ON TEST	0701	0702	0703	0704	0705	0706	0707	0708	0709	0710	0711	0712	0713	0714	0715	0716	0717	0718	0719	0720	0721	0722	0723	0724	0725	males (cont...)
	ANIMAL ID	0001	0002	0003	0004	0005	0006	0007	0008	0009	0010	0011	0012	0013	0014	0015	0016	0017	0018	0019	0020	0021	0022	0023	0024	0025	

Adenoma

X

Parathyroid Gland

Pituitary Gland

Thyroid Gland

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis

Preputial Gland

Prostate
 Hepatocellular Carcinoma, Metastatic, Liver

Seminal Vesicle

Testes
 Interstitial Cell, Adenoma

HEMATOPOIETIC SYSTEM

Bone Marrow
 Histiocytic Sarcoma
 Lymphoma Malignant

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 X .. Lesion present
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Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

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Date Report Requested: 08/26/2013
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 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

B6C3F1 MICE MALE 6.25 ppm	DAY ON TEST	0701	0702	0703	0704	0705	0706	0707	0708	0709	0710	0711	0712	0713	0714	0715	0716	0717	0718	0719	0720	0721	0722	0723	0724	0725	males (cont...)
	ANIMAL ID	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	

Lymph Node
 Pancreatic, Lymphoma Malignant
 Renal, Hepatocholangiocarcinoma, Metastatic, Liver

Lymph Node, Bronchial
 Hepatocholangiocarcinoma, Metastatic, Liver
 Lymphoma Malignant

Lymph Node, Mandibular

Lymph Node, Mediastinal
 Carcinoma, Metastatic, Harderian Gland
 Lymphoma Malignant

Lymph Node, Mesenteric
 Hepatocholangiocarcinoma, Metastatic, Liver
 Lymphoma Malignant

Spleen
 Hemangiosarcoma
 Lymphoma Malignant

Thymus
 Hemangiosarcoma
 Histiocytic Sarcoma

INTEGUMENTARY SYSTEM

Mammary Gland

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Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

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 Lab: BNW

B6C3F1 MICE MALE 6.25 ppm	DAY ON TEST	0701	0702	0703	0704	0705	0706	0707	0708	0709	0710	0711	0712	0713	0714	0715	0716	0717	0718	0719	0720	0721	0722	0723	0724	0725	males (cont...)
	ANIMAL ID	0001	0002	0003	0004	0005	0006	0007	0008	0009	0010	0011	0012	0013	0014	0015	0016	0017	0018	0019	0020	0021	0022	0023	0024	0025	

Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibrous Histiocytoma								X					X													

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle	+																									
Hepatocarcinoma, Metastatic, Liver	X																									

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Carcinoma, Metastatic, Harderian Gland																										

RESPIRATORY SYSTEM

Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Adenoma											X			X			X									
Alveolar/Bronchiolar Adenoma, Multiple																						X				
Alveolar/Bronchiolar Carcinoma			X										X				X	X								
Alveolar/Bronchiolar Carcinoma, Multiple																										X
Carcinoma, Metastatic, Harderian Gland																										
Hepatocellular Carcinoma, Metastatic, Liver			X		X					X	X					X		X						X		
Hepatocarcinoma, Metastatic, Liver	X																									
Lymphoma Malignant																										

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Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

B6C3F1 MICE MALE	DAY ON TEST	0701	0702	0703	0704	0705	0706	0707	0708	0709	0710	0711	0712	0713	0714	0715	0716	0717	0718	0719	0720	0721	0722	0723	0724	0725	males (cont...)
	ANIMAL ID	0001	0002	0003	0004	0005	0006	0007	0008	0009	0010	0011	0012	0013	0014	0015	0016	0017	0018	0019	0020	0021	0022	0023	0024	0025	

Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pleura Carcinoma, Metastatic, Harderian Gland																										
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland Adenoma	+	+		+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+
Carcinoma			X												X											
Lymphoma Malignant																										X

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hepatocellular Carcinoma, Metastatic, Liver											X															
Hepatocholangiocarcinoma, Metastatic, Liver	X																									
Lymphoma Malignant																										
Bilateral, Renal Tubule, Carcinoma																										
Renal Tubule, Adenoma				X																						
Renal Tubule, Carcinoma						X										X		X								
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
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* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Vinylidene chloride

CAS Number: 75-35-4

Date Report Requested: 08/26/2013

Time Report Requested: 12:08:14

First Dose M/F: 06/20/05 / 06/20/05

Lab: BNW

B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		7	7	7	7	7	7	6	7	7	7	6	6	7	7	7	7	7	7	6	7	7	7	7	5	7
		0	2	2	3	2	2	4	3	3	2	3	5	2	3	3	2	2	3	6	3	2	3	2	2	3
6.25 ppm	ANIMAL ID	1	9	9	0	9	9	1	0	0	9	9	8	9	1	0	9	9	0	4	1	9	0	9	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
		0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5
		males (cont...)																								

Histiocytic Sarcoma
Lymphoma Malignant

X

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Vinylidene chloride
CAS Number: 75-35-4

Date Report Requested: 08/26/2013
Time Report Requested: 12:08:14
First Dose M/F: 06/20/05 / 06/20/05
Lab: BNW

B6C3F1 MICE MALE 6.25 ppm	DAY ON TEST	ANIMAL ID																				* TOTALS		
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
		6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5		6	7
	1	2	2	2	3	2	2	3	8	3	3	2	3	6	3	2	3	1	2	2	3	2	3	3
	9	9	9	9	1	9	9	1	0	0	0	0	0	2	0	0	0	8	9	9	0	9	1	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	45
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Intestine Small, Ileum Carcinoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	X	+	+	+	+	+	+	47 1
Intestine Small, Jejunum Carcinoma	+	+	+	+	+	+	+	+	+	+	+	X	+	+	+	+	+	+	+	+	+	+	+	47 2
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hemangioma												X												1
Hemangiosarcoma				X		X																		2
Hepatocellular Adenoma	X			X		X			X	X					X	X				X		X		16
Hepatocellular Adenoma, Multiple		X				X	X						X						X		X		X	19
Hepatocellular Carcinoma	X	X	X						X				X	X			X			X				18
Hepatocellular Carcinoma, Multiple																								1
Hepatocholangiocarcinoma																	X							2
Lymphoma Malignant																		X						1
Mesentery		+							+										+					9

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

B6C3F1 MICE MALE 6.25 ppm	DAY ON TEST																								* TOTALS
	0619	0729	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779		
ANIMAL ID	002226	002227	002228	002229	002230	002231	002232	002233	002234	002235	002236	002237	002238	002239	002240	002241	002242	002243	002244	002245	002246	002247	002248	002249	
Hepatocholangiocarcinoma, Metastatic, Liver																								1	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Hepatocellular Carcinoma, Metastatic, Liver																								1	
Hepatocholangiocarcinoma, Metastatic, Liver																								1	
Lymphoma Malignant																				X				1	
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Tooth		+																						2	
CARDIOVASCULAR SYSTEM																									
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Carcinoma, Metastatic, Harderian Gland											X													1	
Hepatocellular Carcinoma, Metastatic, Liver																								1	
ENDOCRINE SYSTEM																									
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Carcinoma																X								1	
Subcapsular, Adenoma																						X		1	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Pheochromocytoma Benign																								1	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

B6C3F1 MICE MALE 6.25 ppm	DAY ON TEST	06	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	* TOTALS		
	ANIMAL ID	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23			
Adenoma																									1		
Parathyroid Gland		+	+	M	+	M	M	M	M	+	M	M	+	+	+	M	M	+	M	+	M	M	M	+	+	22	
Pituitary Gland		+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Thyroid Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
GENERAL BODY SYSTEM																											
NONE																											
GENITAL SYSTEM																											
Epididymis		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Preputial Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Prostate		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hepatocellular Carcinoma, Metastatic, Liver																										1	
Seminal Vesicle		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Testes		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Interstitial Cell, Adenoma																										2	
HEMATOPOIETIC SYSTEM																											
Bone Marrow		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Histiocytic Sarcoma																										1	
Lymphoma Malignant																										1	

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Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

		DAY ON TEST																								
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B6C3F1 MICE MALE		6	7	7	7	7	7	7	7	7	7	7	7	7	6	7	7	7	7	7	7	7	7	7		
		1	2	2	2	2	3	2	2	3	8	3	3	2	3	6	3	2	3	1	2	2	3	2	3	
		9	9	9	9	9	1	9	9	1	0	0	1	9	0	2	0	9	0	8	9	9	0	9	1	0
6.25 ppm		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4		
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	
																										* TOTALS

Lymph Node																										2	
Pancreatic, Lymphoma Malignant																											1
Renal, Hepatocholangiocarcinoma, Metastatic, Liver																											1
Lymph Node, Bronchial		+	+	+	+	M	+	M	+	M	+	M	M	+	M	+	+	M	M	+	+	+	+	M	M	+	34
Hepatocholangiocarcinoma, Metastatic, Liver																											1
Lymphoma Malignant																								X			1
Lymph Node, Mandibular		M	+	M	+	+	+	+	M	+	M	+	+	M	M	M	M	+	+	M	+	+	M	+	M	+	29
Lymph Node, Mediastinal		+	M	M	+	M	+	+	+	+	+	+	+	M	+	M	+	+	M	+	M	+	M	+	M	M	29
Carcinoma, Metastatic, Harderian Gland														X													1
Lymphoma Malignant																								X			1
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hepatocholangiocarcinoma, Metastatic, Liver																											1
Lymphoma Malignant																								X			2
Spleen		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Hemangiosarcoma														X													3
Lymphoma Malignant																								X			2
Thymus		+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	M	M	+	M	+	+	+	37
Hemangiosarcoma																											1
Histiocytic Sarcoma																									X		1

INTEGUMENTARY SYSTEM

Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	+	M	M	M	M	M	M	M	M	M	M	M	M	2
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* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

B6C3F1 MICE MALE 6.25 ppm	DAY ON TEST																								* TOTALS	
	0619	0729	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779		
	ANIMAL ID																									
	002226	002227	002228	002229	002230	002231	002232	002233	002234	002235	002236	002237	002238	002239	002240	002241	002242	002243	002244	002245	002246	002247	002248	002249		
Skin Fibrous Histiocytoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 2	
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Skeletal Muscle Hepatocarcinoma, Metastatic, Liver																									1 1	
NERVOUS SYSTEM																										
Brain Carcinoma, Metastatic, Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 1	
RESPIRATORY SYSTEM																										
Larynx Lymphoma Malignant	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 1	
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Alveolar/Bronchiolar Adenoma									X																7	
Alveolar/Bronchiolar Adenoma, Multiple																									1	
Alveolar/Bronchiolar Carcinoma					X	X																			8	
Alveolar/Bronchiolar Carcinoma, Multiple																									1	
Carcinoma, Metastatic, Harderian Gland										X															1	
Hepatocellular Carcinoma, Metastatic, Liver	X		X												X		X								11	
Hepatocarcinoma, Metastatic, Liver																									1	
Lymphoma Malignant																						X			1	

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 + .. Tissue examined microscopically
 X .. Lesion present
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Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
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 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

B6C3F1 MICE MALE 6.25 ppm	DAY ON TEST																								* TOTALS	
	0619	0729	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779		
ANIMAL ID	002267	002268	002269	002270	002271	002272	002273	002274	002275	002276	002277	002278	002279	002280	002281	002282	002283	002284	002285	002286	002287	002288	002289	002290		
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Pleura																									1	
Carcinoma, Metastatic, Harderian Gland																									1	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Adenoma																									6	
Carcinoma																									2	
Lymphoma Malignant																									1	
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hepatocellular Carcinoma, Metastatic, Liver																									1	
Hepatocholangiocarcinoma, Metastatic, Liver																									1	
Lymphoma Malignant																									1	
Bilateral, Renal Tubule, Carcinoma																									1	
Renal Tubule, Adenoma																									5	
Renal Tubule, Carcinoma																									6	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
SYSTEMIC LESIONS																										
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
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M .. Missing tissue
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Experiment Number: 20303 - 06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Vinylidene chloride
CAS Number: 75-35-4

Date Report Requested: 08/26/2013
Time Report Requested: 12:08:14
First Dose M/F: 06/20/05 / 06/20/05
Lab: BNW

B6C3F1 MICE MALE	DAY ON TEST	0730	0730	0722	0722	0571	0553	0773	0773	0773	0773	0773	0773	0773	0773	0773	0667	0773	0773	0773	0664	0422	0750	0664	0665	0663	males (cont...)	
	ANIMAL ID	0040	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044	0044		0044
		0012	0023	0034	0045	0056	0067	0078	0089	0090	0001	0011	0021	0031	0041	0051	0061	0071	0081	0091	0000	0010	0020	0030	0040	0050		0060

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	A	A	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	A	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	A	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	A	+
Intestine Small, Duodenum Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	A	A	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	A	A	+
Intestine Small, Jejunum Lymphoma Malignant	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	A	A	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Carcinoma, Metastatic, Testes																										
Hemangioma				X																						
Hemangiosarcoma	X															X			X							
Hepatocellular Adenoma	X	X					X	X			X				X										X	
Hepatocellular Adenoma, Multiple			X	X						X		X	X		X					X						
Hepatocellular Carcinoma			X			X													X	X			X			
Hepatocellular Carcinoma, Multiple																										
Hepatocholangiocarcinoma																										X

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		7	7	7	7	5	5	7	7	7	7	7	7	7	6	7	7	7	6	4	4	7	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
		3	3	2	2	7	1	3	3	3	3	3	2	3	3	4	3	3	4	2	2	0	4	5	6	5	3	3	3	3	3	3	3	3	3	3	3	3	3
12.5 ppm	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	

males
(cont...)

Rhabdomyosarcoma, Metastatic, Skeletal Muscle

Mesentery

+ +

Pancreas

Rhabdomyosarcoma, Metastatic, Skeletal Muscle

+ +

Salivary Glands

+ +

Stomach, Forestomach

+ +

Stomach, Glandular

+ A + +

Tongue

CARDIOVASCULAR SYSTEM

Blood Vessel

+

Heart

+ +

ENDOCRINE SYSTEM

Adrenal Cortex

+ +

Adenoma

X

Capsule, Hepatocholangiocarcinoma, Metastatic, Liver

X

Subcapsular, Adenoma

X

X

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

| B6C3F1 MICE MALE
12.5 ppm | DAY ON TEST | | ANIMAL ID | | | | | | | | | | | | | | | | | | | | males
(cont...) | |
|---|-------------|------|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------------------|------|
| | 0730 | 0730 | 0732 | 0732 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | | 0737 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Islets, Pancreatic Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | + |
| Parathyroid Gland | + | M | + | M | + | M | M | + | + | + | M | + | + | M | M | + | + | M | M | + | M | M | + | M |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Thyroid Gland
Follicular Cell, Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Follicular Cell, Carcinoma | | | | | | | | | | | X | | | | | | | | | | | | X | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Seminal Vesicle
Hepatocolangiocarcinoma, Metastatic, Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X |
| Testes
Interstitial Cell, Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|
| B6C3F1 MICE MALE | DAY ON TEST | 0730 | 0730 | 0722 | 0776 | 0550 | 0554 | 0771 | 0773 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0667 | 0777 | 0777 | 0777 | 0664 | 0422 | 0772 | 0550 | 0664 | 0665 | 0663 | males
(cont...) |
| | ANIMAL ID | 0040 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | |

Interstitial Cell, Carcinoma

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hemangioma | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Bronchial | M | + | + | M | + | M | + | + | + | + | + | + | M | + | M | + | + | M | M | + | + | M | M | + | + | |
| Lymph Node, Mandibular | M | M | M | + | M | M | + | M | M | M | + | + | M | + | M | M | + | M | M | + | M | M | M | M | + | |
| Lymph Node, Mediastinal | + | + | M | + | + | + | + | + | + | + | + | + | M | + | M | M | + | + | M | + | + | + | + | + | + | |
| Hemangiosarcoma | | | X | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rhabdomyosarcoma, Metastatic, Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | X | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | M | + | + | + | + | + | M | + | M |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Vinylidene chloride

CAS Number: 75-35-4

Date Report Requested: 08/26/2013

Time Report Requested: 12:08:14

First Dose M/F: 06/20/05 / 06/20/05

Lab: BNW

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|-------------|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE MALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | ANIMAL ID | 7 | 7 | 7 | 7 | 5 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 4 | 4 | 7 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 12.5 ppm | | 3 | 3 | 2 | 2 | 7 | 1 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 4 | 3 | 3 | 3 | 4 | 2 | 2 | 0 | 0 | 4 | 5 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 0 | 0 | 0 | 0 | 0 | 4 | 1 | 1 | 1 | 0 | 0 | 9 | 1 | 1 | 1 | 0 | 0 | 0 | 8 | 8 | 9 | 8 | 8 | 9 | 9 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | males (cont...) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Fibrous Histiocytoma
Histiocytic Sarcoma

X

MUSCULOSKELETAL SYSTEM

Bone

+ +

Skeletal Muscle
Hepatocellular Carcinoma, Metastatic, Liver
Rhabdomyosarcoma

+
X

NERVOUS SYSTEM

Brain

+ +

RESPIRATORY SYSTEM

Larynx

+ +

Lung
Alveolar/Bronchiolar Adenoma
Alveolar/Bronchiolar Carcinoma
Hepatocellular Carcinoma, Metastatic, Liver
Hepatocellular Carcinoma, Metastatic, Liver
Rhabdomyosarcoma, Metastatic, Skeletal Muscle

X
X
X
X
X
X
X

Nose

+ A + +

Trachea

+ +

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

Experiment Number: 20303 - 06

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 08/26/2013

Test Type: CHRONIC

Vinylidene chloride

Time Report Requested: 12:08:14

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 75-35-4

First Dose M/F: 06/20/05 / 06/20/05

Species/Strain: MICE/B6C3F1

Lab: BNW

| B6C3F1 MICE MALE
12.5 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) |
|------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------------------|
| | 0
7
3
0 | 0
7
3
0 | 0
7
2
9 | 0
7
2
6 | 0
5
7
0 | 0
5
1
4 | 0
7
3
1 | 0
7
3
1 | 0
7
3
1 | 0
7
3
0 | 0
7
3
0 | 0
7
3
9 | 0
7
3
1 | 0
7
3
1 | 0
6
4
1 | 0
7
3
0 | 0
7
3
0 | 0
6
4
8 | 0
4
2
8 | 0
7
2
9 | 0
5
0
8 | 0
6
4
8 | 0
6
5
9 | 0
6
6
7 | | |
| | 0
0
4
0
1 | 0
0
4
0
2 | 0
0
4
0
3 | 0
0
4
0
4 | 0
0
4
0
5 | 0
0
4
0
6 | 0
0
4
0
7 | 0
0
4
0
8 | 0
0
4
0
9 | 0
0
4
1
0 | 0
0
4
1
1 | 0
0
4
1
2 | 0
0
4
1
3 | 0
0
4
1
4 | 0
0
4
1
5 | 0
0
4
1
6 | 0
0
4
1
7 | 0
0
4
1
8 | 0
0
4
1
9 | 0
0
4
2
0 | 0
0
4
2
1 | 0
0
4
2
2 | 0
0
4
2
3 | 0
0
4
2
4 | 0
0
4
2
5 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Harderian Gland
Adenoma
Carcinoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | X | | X | | | | | | X | | | | | X | | | | | | | | | X | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | X |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | | | X |
| Lymphoma Malignant | | | | | | | | | | | | | | | | X | | | | | | | | | | |
| Rhabdomyosarcoma, Metastatic, Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bilateral, Renal Tubule, Adenoma | | | | | | | | | | X | | | | | | | | | | | | | | | | |
| Bilateral, Renal Tubule, Carcinoma | | | X | | | | | | | X | X | | | X | | | X | | | | | | | | | |
| Bilateral, Renal Tubule, Carcinoma, Multiple | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| Renal Tubule, Adenoma | | | X | | | | | | X | | X | | X | | | | | | | | X | | X | | | X |
| Renal Tubule, Adenoma, Multiple | | | | | | | | | | | | | | | | | | | | | X | | | | | |
| Renal Tubule, Carcinoma | X | | | X | | | | X | | | X | X | | X | X | | | | | | X | | | | X | |
| Renal Tubule, Carcinoma, Multiple | | | | | | | | | | | | | | | | | | | X | | X | | | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

SYSTEMIC LESIONS

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | X |
| Lymphoma Malignant | | | | | | | | | | X | | | | | | | X | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

| B6C3F1 MICE MALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6 | 4 | 7 | 6 | 7 | 7 | 7 | 7 | 4 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 6 | 5 |
| 12.5 ppm | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | | |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| * TOTALS | | | | | | | | | | | | | | | | | | | | | | | | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Small, Duodenum
Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | | | | 47 |
| | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Intestine Small, Jejunum
Lymphoma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Carcinoma, Metastatic, Testes | | | | | | | | | | | | | | | | | | | | | | | X | 1 |
| Hemangioma | | | | X | | | | | | | | | | | | | | | | | | | | 2 |
| Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Hepatocellular Adenoma | X | | | | | | | X | X | X | X | | | | | | | X | | | | X | X | 16 |
| Hepatocellular Adenoma, Multiple | | | | X | | X | X | | | | | | X | X | | X | X | | | X | | | | 17 |
| Hepatocellular Carcinoma | X | | | | X | | | | | X | X | | | | X | | | | | | | | | 11 |
| Hepatocellular Carcinoma, Multiple | | | X | X | | | | | | | | X | | | | | | | | | | | X | 4 |
| Hepatocholangiocarcinoma | | | | | | | | | X | | | | | | | | | | | | | | | 2 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

| B6C3F1 MICE MALE
12.5 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|--|
| | 0600 | 0400 | 0703 | 0600 | 0702 | 0703 | 0702 | 0702 | 0702 | 0702 | 0702 | 0702 | 0702 | 0702 | 0702 | 0702 | 0702 | 0702 | 0702 | 0702 | 0702 | 0702 | 0702 | 0702 | | |
| ANIMAL ID | 00426 | 00442 | 00442 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | | |
| Rhabdomyosarcoma, Metastatic, Skeletal Muscle | | | | | | | | | X | | | | | | | | | | | | | | | | 1 | |
| Mesentery | | + | | | + | | | | | | | | | | | | | | | | | | + | | 6 | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Rhabdomyosarcoma, Metastatic, Skeletal Muscle | | | | | | | | | X | | | | | | | | | | | | | | | | 1 | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Tongue | | | + | | | | | | | | | | | | | | | | | | | | | | 1 | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Capsule, Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Subcapsular, Adenoma | | | | | | | | | | | | | | X | | | | | | | | | | | 3 | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

| B6C3F1 MICE MALE
12.5 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------|----|
| | 0600 | 0404 | 0703 | 0600 | 0702 | 0703 | 0702 | 0702 | 0702 | 0703 | 0703 | 0702 | 0600 | 0702 | 0703 | 0703 | 0509 | 0702 | 0703 | 0703 | 0703 | 0604 | 0509 | | | |
| | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 00426 | 00427 | 00428 | 00429 | 00430 | 00431 | 00432 | 00433 | 00434 | 00435 | 00436 | 00437 | 00438 | 00439 | 00440 | 00441 | 00442 | 00443 | 00444 | 00445 | 00446 | 00447 | 00448 | 00449 | | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Islets, Pancreatic Adenoma | + | + | + | + | + | + | + | + | I | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49
1 | |
| Parathyroid Gland | + | + | M | M | + | M | + | M | M | + | + | + | + | + | M | M | M | M | + | + | M | + | M | + | M | 26 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Thyroid Gland
Follicular Cell, Adenoma
Follicular Cell, Carcinoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
1
1 | |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GENITAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Seminal Vesicle
Hepatocolangiocarcinoma, Metastatic, Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
1 | |
| Testes
Interstitial Cell, Adenoma | + | + | + | + | + | + | + | X | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
1 | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
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 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------|
| B6C3F1 MICE MALE | DAY ON TEST | 0600 | 0404 | 0731 | 0604 | 0729 | 0731 | 0729 | 0729 | 0439 | 0730 | 0732 | 0720 | 0629 | 0731 | 0730 | 0599 | 0739 | 0733 | 0733 | 0733 | 0640 | 0765 | 0769 | * TOTALS |
| | ANIMAL ID | 00426 | 00427 | 00428 | 00429 | 00430 | 00431 | 00432 | 00433 | 00434 | 00435 | 00436 | 00437 | 00438 | 00439 | 00440 | 00441 | 00442 | 00443 | 00444 | 00445 | 00446 | 00447 | 00448 | |

Interstitial Cell, Carcinoma

X 1

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hemangioma | | | | | | X | | | | | | | | | | | | | | | | | | | 1 |
| Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Lymph Node, Bronchial | M | + | M | + | + | + | + | M | + | + | M | M | M | + | + | + | M | + | + | M | + | + | M | M | 31 |
| Lymph Node, Mandibular | + | + | + | M | M | + | M | + | + | M | M | + | + | M | M | M | M | M | + | M | + | M | + | M | 19 |
| Lymph Node, Mediastinal | + | + | + | + | + | + | + | + | + | + | M | + | M | + | + | + | + | + | + | + | + | + | + | + | 43 |
| Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Hepatocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Rhabdomyosarcoma, Metastatic, Skeletal Muscle | | | | | | | | | | X | | | | | | | | | | | | | | | 1 |
| Lymph Node, Mesenteric | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Lymphoma Malignant | | | | | | | | | | | | | | X | | | | | | | | | | | 3 |
| Thymus | + | + | + | + | + | M | + | M | + | + | M | M | + | + | M | + | M | + | + | M | + | + | M | + | 38 |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Mammary Gland | M | M | M | M | M | M | M | M | M | M | M | M | A | M | M | M | M | M | M | M | M | M | M | M | 0 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Vinylidene chloride

CAS Number: 75-35-4

Date Report Requested: 08/26/2013

Time Report Requested: 12:08:14

First Dose M/F: 06/20/05 / 06/20/05

Lab: BNW

| | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------|------|
| B6C3F1 MICE MALE

12.5 ppm | DAY ON TEST | 0600 | 0444 | 0777 | 0666 | 0777 | 0777 | 0777 | 0444 | 0777 | 0777 | 0666 | 0777 | 0777 | 0777 | 0555 | 0777 | 0777 | 0777 | 0666 | 0555 | * TOTALS | |
| | ANIMAL ID | 0426 | 0427 | 0428 | 0429 | 0430 | 0431 | 0432 | 0433 | 0434 | 0435 | 0436 | 0437 | 0438 | 0439 | 0440 | 0441 | 0442 | 0443 | 0444 | 0445 | | 0446 |
| | | | | | | | | | | | | | | | | | | | | | | | |

| | | |
|----------------------|---|----------|
| Fibrous Histiocytoma | X | 1 |
| Histiocytic Sarcoma | | 1 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Skeletal Muscle | | | | | | | | | + | | | | | | | | | | | | | 2 |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | X | | | | | | | | | | | | | 1 |
| Rhabdomyosarcoma | | | | | | | | | X | | | | | | | | | | | | | 1 |

| | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Larynx | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Alveolar/Bronchiolar Adenoma | | | X | | | | | | | | X | | | | | | | X | | | X | 8 |
| Alveolar/Bronchiolar Carcinoma | X | | | | X | | | | | | | X | | | | | | | X | X | | 8 |
| Hepatocellular Carcinoma, Metastatic, Liver | X | | X | | | X | | | | X | X | X | | | | | X | | | | | 8 |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | 1 |
| Rhabdomyosarcoma, Metastatic, Skeletal Muscle | | | | | | | | | | X | | | | | | | | | | | | 1 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
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Experiment Number: 20303 - 06
 Test Type: CHRONIC
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 Species/Strain: MICE/B6C3F1

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 Vinylidene chloride
 CAS Number: 75-35-4

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 Lab: BNW

| B6C3F1 MICE MALE
12.5 ppm | DAY ON TEST | | ANIMAL ID | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|------------------------------|-------------|------|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|
| | 0600 | 0444 | 0777 | 0666 | 0777 | 0777 | 0777 | 0777 | 0444 | 0777 | 0777 | 0777 | 0666 | 0777 | 0777 | 0777 | 0555 | 0777 | 0777 | 0777 | 0777 | 0666 | | 0555 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Adenoma | | | | | | | | | | | | | | | | | | | | X | X | | | | 8 |
| Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | 1 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Rhabdomyosarcoma, Metastatic, Skeletal Muscle | | | | | | | | | | | | X | | | | | | | | | | | | 1 |
| Bilateral, Renal Tubule, Adenoma | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Bilateral, Renal Tubule, Carcinoma | | | | | | | | | | | | | | | | | | | | | X | X | | 7 |
| Bilateral, Renal Tubule, Carcinoma, Multiple | | | | | | | | | | | | | | | X | X | | | | | X | | | 4 |
| Renal Tubule, Adenoma | X | | | X | X | X | | | | | X | X | | | X | | | | | | X | | | 15 |
| Renal Tubule, Adenoma, Multiple | | | | | | | X | | | | | | | | X | | | | | | | | | 3 |
| Renal Tubule, Carcinoma | | | | X | | | | X | X | X | X | | | X | | | X | | | X | | | | 17 |
| Renal Tubule, Carcinoma, Multiple | | | | | | | | | | | | | | | | | | X | | | | | | 3 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

SYSTEMIC LESIONS

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Lymphoma Malignant | | | | | | | | | | | | | X | | | | | | | | X | | | 4 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
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 Species/Strain: MICE/B6C3F1

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 Vinylidene chloride
 CAS Number: 75-35-4

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| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|-------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------------------------|------------------|
| B6C3F1 MICE MALE | DAY ON TEST | 0
5
3
2 | 0
7
0
4 | 0
7
0
5 | 0
7
3
0 | 0
7
3
0 | 0
7
3
1 | 0
7
2
9 | 0
5
3
7 | 0
4
7
1 | 0
5
3
7 | 0
6
4
3 | 0
7
0
8 | 0
7
3
1 | 0
5
2
5 | 0
7
2
9 | 0
6
3
5 | 0
5
6
3 | 0
7
2
9 | 0
6
2
0 | 0
7
2
9 | 0
6
7
3 | 0
6
6
2 | 0
7
2
9 | 0
6
2
5 | males
(cont...) | |
| | 25 ppm | 0
6
0
1 | 0
6
0
2 | 0
6
0
3 | 0
6
0
4 | 0
6
0
5 | 0
6
0
6 | 0
6
0
7 | 0
6
0
8 | 0
6
0
9 | 0
6
0
0 | 0
6
0
1 | 0
6
0
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ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder | + | + | + | + | + | + | + | + | M | M | A | A | + | A | + | + | + | + | + | + | + | + | + | + | + | + | M |
| Intestine Large, Cecum | + | + | + | + | + | + | + | A | + | + | A | A | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | + | + | + | + | + | + | + | A | + | + | + | A | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | A | + | + | + | A | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum
Carcinoma | + | + | + | + | + | + | + | A | + | + | A | A | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | + | + | + | + | + | + | + | A | + | + | A | A | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | A | + | + | A | A | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hemangiosarcoma | | | | | | | | X | | | | | | X | | | | | | | | | | | | | |
| Hepatocellular Adenoma | | | | | X | X | | | X | | | X | | | | | | X | X | | | X | X | X | | | |
| Hepatocellular Adenoma, Multiple | | | | | | | | X | | X | | | X | X | | | | | | X | | | | | | | |
| Hepatocellular Carcinoma | X | X | X | | | | | | X | | | X | X | | X | X | X | | | X | X | | | X | | | |
| Hepatocellular Carcinoma, Multiple | | | | X | X | X | | X | | | | | | | | | | | X | | | | | | | | |
| Hepatocholangiocarcinoma | | | | | | | X | | | | | | | | | | | | | | | | | | | | |
| Sarcoma, Metastatic, Stomach, Glandular | | | | | | | | | | X | | | | | | | | | | | | | | | | | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocellular Carcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

| B6C3F1 MICE MALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------|
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| 25 ppm | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | |
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5 |

Hepatocarcinoma, Metastatic, Liver

Pancreas

Hepatocarcinoma, Metastatic, Liver
 Sarcoma, Metastatic, Stomach, Glandular

Salivary Glands

Stomach, Forestomach
 Squamous Cell Papilloma

Stomach, Glandular
 Hepatocarcinoma, Metastatic, Liver
 Sarcoma

Tooth

CARDIOVASCULAR SYSTEM

Blood Vessel

Heart
 Histiocytic Sarcoma

ENDOCRINE SYSTEM

Adrenal Cortex
 Sarcoma, Metastatic, Stomach, Glandular
 Subcapsular, Adenoma

Adrenal Medulla

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 08/26/2013

Test Type: CHRONIC

Vinylidene chloride

Time Report Requested: 12:08:14

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 75-35-4

First Dose M/F: 06/20/05 / 06/20/05

Species/Strain: MICE/B6C3F1

Lab: BNW

| B6C3F1 MICE MALE
25 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) | | | | | | |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--------------------|---|---|---|---|--|--|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | | |
| | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 4 | 5 | 6 | 5 | 7 | 7 | 5 | 7 | 6 | 5 | 7 | 6 | 6 | 6 | 7 | 6 | | | | |
| | 3 | 0 | 0 | 3 | 3 | 3 | 2 | 3 | 7 | 7 | 3 | 4 | 0 | 3 | 2 | 2 | 3 | 6 | 2 | 2 | 7 | 6 | 2 | 3 | | | | |
| | 2 | 4 | 5 | 0 | 0 | 1 | 9 | 7 | 1 | 7 | 3 | 8 | 1 | 0 | 5 | 9 | 5 | 3 | 9 | 0 | 9 | 3 | 2 | 2 | | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | |
| | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | |
| Hemangiosarcoma | | | | | | | | | | | | X | X | | | | | | | | | | | | | | | |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreatic, Sarcoma, Metastatic, Stomach, Glandular | | | | | | | | | | | | + | X | | | | | | | | | | | | | | | |
| Lymph Node, Bronchial | M | + | M | M | + | M | + | M | + | M | M | M | + | + | M | M | M | M | + | M | M | + | M | M | | | | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | + | M | M | + | M | M | + | M | + | M | M | M | M | M | + | M | + | M | M | M | + | M | M | + | M | | | |
| Lymph Node, Mediastinal | M | + | M | + | M | + | + | + | M | + | + | + | + | + | + | + | + | M | + | M | + | + | + | M | + | + | | |
| Alveolar/Bronchiolar Carcinoma, Metastatic, Lung | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mesenteric | M | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | | | | |
| Carcinoma, Metastatic, Intestine Small, Duodenum | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | |
| Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thymus | M | M | M | M | + | M | + | M | M | + | M | M | + | + | + | M | + | M | + | + | M | + | + | M | M | | | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | + | M | M | M | M | M | M | M | M |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

| B6C3F1 MICE MALE
25 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) | | |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------|------------------|--|
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5 | | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Fibrous Histiocytoma | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Subcutaneous Tissue, Schwannoma Malignant | | | | | | | | | | | | | | | | | | | | | | | X | | | | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Skeletal Muscle | | | | | | | | | | | | | | + | | | | | | | | | | | | | |
| Hemangiosarcoma | | | | | | | | | | | | | | X | | | | | | | | | | | | | |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Larynx | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Alveolar/Bronchiolar Adenoma | | | | | X | | X | | | | | X | X | X | | | | | | | | | | | | | |
| Alveolar/Bronchiolar Carcinoma | | | | | X | | X | | | X | | | | | | | | X | | X | | | | | | | |
| Carcinoma, Metastatic, Intestine Small, Duodenum | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocellular Carcinoma, Metastatic, Liver | | | | | | | | | | | | | X | | | | | | | | | X | | | | | |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nose | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

| B6C3F1 MICE MALE
25 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) | |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------|--|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 4 | 5 | 6 | 5 | 7 | 7 | 5 | 7 | 6 | 5 | 7 | 6 | 7 | 6 | 6 | 7 | 6 | | |
| ANIMAL ID | 3 | 0 | 0 | 3 | 3 | 3 | 2 | 3 | 7 | 7 | 3 | 4 | 0 | 3 | 2 | 2 | 3 | 6 | 2 | 2 | 2 | 7 | 6 | 2 | 3 | | |
| | 2 | 4 | 5 | 0 | 0 | 1 | 9 | 7 | 1 | 7 | 3 | 8 | 1 | 0 | 5 | 9 | 5 | 3 | 9 | 0 | 9 | 3 | 2 | 9 | 2 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | A | + | A | + | + | + | + | + | + | + | + | + | + | + | | |
| Harderian Gland
Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | X | + | + | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Hepatocellular Carcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bilateral, Renal Tubule, Carcinoma | | | | | | | | X | X | | | | | | | | | | | | | | X | | | | |
| Capsule, Sarcoma, Metastatic, Stomach,
Glandular | | | | | | | | | | | X | | | | | | | | | | | | | | | | |
| Renal Tubule, Adenoma | | | | | X | | | | | | | | | | X | X | X | | | X | X | | | X | | | |
| Renal Tubule, Carcinoma | | | | | | X | | | | X | | X | X | | | | | X | | | X | | X | | X | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | | |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Multiple Organ
Histiocytic Sarcoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------|
| B6C3F1 MICE MALE | DAY ON TEST | 0693 | 0563 | 0661 | 0763 | 0425 | 0770 | 0779 | 0659 | 0577 | 0753 | 0771 | 0676 | 0779 | 0575 | 0554 | 0770 | 0573 | 0734 | 0733 | 0543 | 0477 | 0730 | * TOTALS |
| | 25 ppm | ANIMAL ID | 00626 | 00662 | 00662 | 00663 | 00663 | 00663 | 00663 | 00663 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|---------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Gallbladder | A | + | A | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | 41 | | |
| Intestine Large, Cecum | + | + | A | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | + | A | A | + | 40 | |
| Intestine Large, Colon | + | + | A | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | + | A | A | + | 42 | |
| Intestine Large, Rectum | + | + | A | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | + | A | A | + | 42 | |
| Intestine Small, Duodenum
Carcinoma | A | + | A | + | + | + | + | + | A | + | + | + | + | + | + | A | + | + | + | + | A | + | A | A | + | 38
2 |
| Intestine Small, Ileum | + | + | A | + | + | + | + | + | A | + | + | + | + | + | + | A | + | + | + | + | A | + | A | A | + | 39 |
| Intestine Small, Jejunum | + | + | A | + | + | + | + | + | A | + | + | + | + | + | + | A | + | + | + | + | A | + | A | A | + | 39 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | | X | | 3 | |
| Hepatocellular Adenoma | | | | | | | | | | | | | | | | X | | | | X | | | | X | 12 | |
| Hepatocellular Adenoma, Multiple | X | X | | | X | | | | X | | X | | | X | | | X | | | | | | | | 13 | |
| Hepatocellular Carcinoma | | X | X | | | X | | X | X | | | | | | X | X | | | | | X | | X | | 21 | |
| Hepatocellular Carcinoma, Multiple | | | | | | | | | | | | | | | | | | X | | | | X | X | | 8 | |
| Hepatocholangiocarcinoma | | X | | | | | | | | | | | X | | | | | | | | | | | | 3 | |
| Sarcoma, Metastatic, Stomach, Glandular | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Mesentery | | | | | | + | | | | | | | | + | | | | | | | | + | | | 3 | |
| Hepatocellular Carcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | X | | | 1 | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

| B6C3F1 MICE MALE
25 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------|----|
| | 063 | 056 | 060 | 066 | 073 | 042 | 077 | 076 | 055 | 075 | 073 | 061 | 075 | 067 | 075 | 058 | 073 | 058 | 073 | 064 | 075 | 043 | 075 | 047 | | |
| ANIMAL ID | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | | |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | | X | 1 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 48 |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | | X | 1 |
| Sarcoma, Metastatic, Stomach, Glandular | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 50 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 49 |
| Squamous Cell Papilloma | | | | | | | | | | | | | | | | | | | | | | | | | X | 1 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | | 48 |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | | X | 1 |
| Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Tooth | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 50 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | X | 1 |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 50 |
| Sarcoma, Metastatic, Stomach, Glandular | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Subcapsular, Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | X | 2 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 50 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

| B6C3F1 MICE MALE
25 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | | | | | | | | |
|------------------------------------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|---|
| | 0693 | 0563 | 0663 | 0673 | 0743 | 0773 | 0776 | 0857 | 0877 | 0965 | 0977 | 0977 | 1065 | 1077 | 1157 | 1177 | 1257 | 1277 | 1357 | 1377 | | 1457 | 1477 | 1557 | 1577 | 1657 | 1677 | 1757 | 1777 | 1857 | 1877 | 1957 | 1977 | |
| ANIMAL ID | 006266 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | | |
| Pheochromocytoma Benign | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Hepatocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | 1 | |
| Parathyroid Gland | + | M | + | + | M | M | + | M | M | + | + | M | + | M | + | M | + | M | + | + | M | + | + | M | + | + | M | + | + | M | M | 24 | | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GENITAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hepatocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | 1 | |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hemangioma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Interstitial Cell, Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |

HEMATOPOIETIC SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

| B6C3F1 MICE MALE
25 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|---------|---------|
| | 0693 | 0563 | 0663 | 0673 | 0742 | 0772 | 0772 | 0659 | 0577 | 0577 | 0669 | 0573 | 0573 | 0661 | 0772 | 0575 | 0558 | 0738 | 0583 | 0734 | 0573 | 0643 | 0754 | 0673 | | 0547 | 0473 |
| ANIMAL ID | 00626 | 00626 | 00626 | 00626 | 00633 | 00633 | 00633 | 00633 | 00633 | 00633 | 00633 | 00633 | 00633 | 00633 | 00633 | 00633 | 00633 | 00633 | 00633 | 00633 | 00633 | 00633 | 00633 | 00633 | 00633 | 00633 | 00633 |
| Bone Marrow Hemangiosarcoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
2 |
| Lymph Node Pancreatic, Sarcoma, Metastatic, Stomach, Glandular | | | | | | | | | | | | | | | | | | | | | | | | | | | 2
1 |
| Lymph Node, Bronchial Histiocytic Sarcoma | + | + | + | + | M | + | M | M | + | + | M | + | M | M | + | M | + | M | + | M | M | M | M | M | M | M | 19
1 |
| Lymph Node, Mandibular | + | + | M | + | M | + | M | + | + | + | + | + | + | M | + | + | M | + | + | + | M | + | M | M | + | + | 25 |
| Lymph Node, Mediastinal Alveolar/Bronchiolar Carcinoma, Metastatic, Lung | M | M | + | + | M | I | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | 38
1 | |
| Hepatocholangiocarcinoma, Metastatic, Liver Histiocytic Sarcoma | | | | | | | | | | | | | | | X | | | | | | | | | | | | 1
1 |
| Lymph Node, Mesenteric Carcinoma, Metastatic, Intestine Small, Duodenum | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47
1 |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | X | | | | | | | | | | | | 1 |
| Spleen Hemangiosarcoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
4 |
| Thymus | + | M | + | M | I | M | M | + | + | + | M | + | + | M | + | + | M | M | + | + | + | + | M | + | + | 26 | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | 1 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Vinylidene chloride

CAS Number: 75-35-4

Date Report Requested: 08/26/2013

Time Report Requested: 12:08:14

First Dose M/F: 06/20/05 / 06/20/05

Lab: BNW

| B6C3F1 MICE MALE
25 ppm | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
|--|-------------|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------|---|---|---|---|---|---|---|---|---|---|---|
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | ANIMAL ID | 6 | 5 | 6 | 6 | 7 | 4 | 7 | 7 | 6 | 5 | 7 | 5 | 7 | 6 | 7 | 5 | 5 | 7 | 5 | 7 | 6 | 7 | 5 | 4 | 7 | 5 | 4 | 7 | 3 | 4 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | ANIMAL ID | 9 | 6 | 0 | 6 | 3 | 2 | 3 | 2 | 1 | 2 | 3 | 7 | 3 | 1 | 2 | 7 | 8 | 3 | 8 | 3 | 8 | 3 | 4 | 3 | 4 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | ANIMAL ID | 3 | 3 | 1 | 3 | 1 | 5 | 0 | 9 | 7 | 0 | 9 | 1 | 7 | 9 | 5 | 4 | 0 | 9 | 0 | 0 | 0 | 0 | 5 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | * TOTALS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Skin | | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | | | | | | | | | | |
| Fibrous Histiocytoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | 2 | | | | | | | | | | | | |
| Subcutaneous Tissue, Schwannoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | 1 | | | | | | | | | | | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone | | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | | | | | | | | | | |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | + | 2 | | | | | | | | | | | |
| Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | 1 | | | | | | | | | | | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain | | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | | | | | | | | | | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Larynx | | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | 49 | | | | | | | | | | | | |
| Lung | | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | | | | | | | | | | |
| Alveolar/Bronchiolar Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | X | 7 | | | | | | | | | | | |
| Alveolar/Bronchiolar Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | 6 | | | | | | | | | | | |
| Carcinoma, Metastatic, Intestine Small, Duodenum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | 1 | | | | | | | | | | | |
| Hepatocellular Carcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | X | 4 | | | | | | | | | | | |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | X | 2 | | | | | | | | | | | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | 1 | | | | | | | | | | | |
| Nose | | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | 49 | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Vinylidene chloride

CAS Number: 75-35-4

Date Report Requested: 08/26/2013

Time Report Requested: 12:08:14

First Dose M/F: 06/20/05 / 06/20/05

Lab: BNW

| B6C3F1 MICE MALE
25 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|--|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|
| | 0693 | 0563 | 0601 | 0663 | 0731 | 0425 | 0770 | 0779 | 0669 | 0557 | 0750 | 0573 | 0731 | 0661 | 0779 | 0554 | 0558 | 0738 | 0534 | 0734 | 0534 | 0734 | 0534 | 0734 | |
| ANIMAL ID | | 006266 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | 006666 | |
| Trachea | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | | | | | | | | | | | | | | | | | | | | | | | | 48 |
| Harderian Gland | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Adenoma | X | | | | X | | X | | | | | | | | | | | | X | | | | | | 8 |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Hepatocellular Carcinoma, Metastatic, Liver | | X | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | X | | | | | | | | | | | 1 |
| Bilateral, Renal Tubule, Carcinoma | | | | X | | | X | | | | | | | | | | | | | | X | | | | 6 |
| Capsule, Sarcoma, Metastatic, Stomach, Glandular | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Renal Tubule, Adenoma | | | | | X | | | X | | | | | | | | | | | | | X | | | | 10 |
| Renal Tubule, Carcinoma | | | | | | | | | | | | X | | X | | X | | | | X | | X | | | 12 |
| Urinary Bladder | + | | | | | | | | | | | | | | | | | | | | | | | | 49 |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | | | | | | | | | | |
| Multiple Organ | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | X | | 1 |

*** END OF MALE DATA ***

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
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 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Vinylidene chloride
 CAS Number: 75-35-4

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 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------|
| B6C3F1 MICE FEMALE
Control | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | females
(cont...) |
| | ANIMAL ID | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 6 | 3 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | |
| | | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 0 | 2 | 3 | 3 | 3 | 3 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | |
| | | 1 | 1 | 2 | 2 | 9 | 3 | 3 | 5 | 5 | 1 | 3 | 3 | 2 | 2 | 2 | 3 | 5 | 3 | 3 | 6 | 2 | 3 | 2 | 3 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder
Lymphoma Malignant | + | M | M | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum
Carcinoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum
Adenoma
Carcinoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver
Hemangiosarcoma
Hepatocellular Adenoma
Hepatocellular Adenoma, Multiple
Hepatocellular Carcinoma
Hepatocellular Carcinoma, Multiple
Histiocytic Sarcoma
Lymphoma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | X | | X | | | X | X | X | | | | | | | | | | | X | | X | X | X | | |
| | | | | | X | | | | | | | | X | | X | X | X | | | | | | X | X | |
| | | | | | | X | | | | | | X | | X | | | | | | | | | | | X |
| | | | X | | | X | | | | | | X | | X | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

| B6C3F1 MICE FEMALE
Control | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) | | |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------------------|---|--|
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3 | 0
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5 | 0
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| | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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2 | | |
| Mesentery
Histiocytic Sarcoma
Lymphoma Malignant | | + | | | + | | + | | | + | | | | + | | | | | | | | | | | | | | |
| Pancreas
Lymphoma Malignant
Duct, Carcinoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Salivary Glands
Lymphoma Malignant
Myxoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Stomach, Forestomach
Lymphoma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Stomach, Glandular
Carcinoma
Lymphoma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Heart
Lymphoma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex
Subcapsular, Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Adrenal Medulla
Pheochromocytoma Benign | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

| B6C3F1 MICE FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) | |
|--------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------------------|------------------|
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6 | 0
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2 | 0
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3 | 0
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3 | 0
4
0 | | |
| Control | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | |
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5 |

Pheochromocytoma Malignant

Islets, Pancreatic
 Adenoma

+
 X

Parathyroid Gland

M M + M + + M + + + M + M + M + M + + M + M + + M

Pituitary Gland
 Lymphoma Malignant
 Pars Distalis, Adenoma

+
 X
 X X X
 X

Thyroid Gland

+ +

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland

+ + + + + + + + M + + + + + + + + + + + + + +

Ovary
 Cystadenoma
 Histiocytic Sarcoma
 Luteoma
 Lymphoma Malignant

+
 X
 X X

Uterus
 Hemangiosarcoma
 Histiocytic Sarcoma
 Lymphoma Malignant

+
 X X

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------------|
| B6C3F1 MICE FEMALE | DAY ON TEST | 0
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5 | 0
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0 | females
(cont...) |
| | ANIMAL ID | 0
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3 | |

Polyp Stromal X

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymph Node | | | | | | + | | | | | | + | | + | | | | | | + | | | | | |
| Iliac, Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | |
| Iliac, Renal, Lymphoma Malignant | | | | | | | | | | | | | | X | | | | | | | | | | | |
| Lumbar, Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumbar, Renal, Lymphoma Malignant | | | | | | X | | | | | | X | | | | | | | | | | | | | |
| Lymph Node, Bronchial | + | + | M | M | + | + | M | + | + | M | M | M | + | M | + | M | + | M | M | + | + | + | + | M | M |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymphoma Malignant | | | | | | X | | | | | | | X | | X | | | | | | X | | | | |
| Lymph Node, Mandibular | M | + | + | + | + | + | + | + | + | M | + | M | + | M | + | M | + | M | + | + | + | + | + | + | + |
| Lymphoma Malignant | | | | | | X | X | | | | | | X | | X | | | | | | X | | | | |
| Lymph Node, Mediastinal | + | + | + | + | + | + | + | M | M | + | + | M | + | M | + | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymphoma Malignant | | | X | | | X | X | | | | | | X | | X | | | | | | X | | | | X |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymphoma Malignant | | | | | | | X | | | | | | X | | X | | | | | | X | | | | X |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | X |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 08/26/2013

Test Type: CHRONIC

Vinylidene chloride

Time Report Requested: 12:08:14

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 75-35-4

First Dose M/F: 06/20/05 / 06/20/05

Species/Strain: MICE/B6C3F1

Lab: BNW

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------------------------------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| B6C3F1 MICE FEMALE | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 6 | 3 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | |
| Control | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 0 | 2 | 3 | 3 | 3 | 3 | 3 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | |
| | 1 | 1 | 2 | 2 | 9 | 3 | 3 | 5 | 5 | 1 | 3 | 3 | 2 | 2 | 2 | 3 | 5 | 3 | 3 | 6 | 2 | 2 | 3 | 4 | |
| | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | females
(cont...) |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | |
| Lymphoma Malignant | | | X | | X | X | | | | | | | X | X | | | | | X | | | | | | |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Lymphoma Malignant | | X | X | | X | X | | | | | | X | X | | | | | | X | | | | | | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland Carcinoma | + | + | + | + | + | + | + | X | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Subcutaneous Tissue, Fibrosarcoma | | | | | | | X | | | | | | | | | | | | | | | | | | |
| Subcutaneous Tissue, Sarcoma | | | | | | | | | | | | X | | | | | | | | | | | | | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Skeletal Muscle | | | | | + | | | + | | | | | | | | | | + | | | | | | | |
| Sarcoma | | | | | | | | | | | | | | | | | | X | | | | | | | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Peripheral Nerve | | | | | + | | | + | | | | | | | | | | | | | | | | | |
| Spinal Cord | | | | | + | | | + | | | | | | | | | | | | | | | | | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Vinylidene chloride

CAS Number: 75-35-4

Date Report Requested: 08/26/2013
Time Report Requested: 12:08:14
First Dose M/F: 06/20/05 / 06/20/05
Lab: BNW

| B6C3F1 MICE FEMALE
Control | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | females
(cont...) |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------|
| | ANIMAL ID | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 6 | 3 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | |
| | | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 0 | 2 | 3 | 3 | 3 | 3 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | |
| | | 1 | 1 | 2 | 2 | 9 | 3 | 3 | 5 | 5 | 1 | 3 | 3 | 2 | 2 | 3 | 5 | 3 | 3 | 6 | 2 | 3 | 3 | 3 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | |
| Larynx | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Lung | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Alveolar/Bronchiolar Adenoma | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| Alveolar/Bronchiolar Adenoma, Multiple | | | | | | | | | | | | | X | | | | | | | | | | | | | |
| Alveolar/Bronchiolar Carcinoma | | | | | | X | | | | | | | | | | | | | | | | | | | | |
| Hepatocellular Carcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | X | X | | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymphoma Malignant | | | | X | | | | | | | | | | | | | | | X | | | | | | | |
| Nose | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Lymphoma Malignant | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| Trachea | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Harderian Gland | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Carcinoma | | | | | | X | | | | | | | | | | | | | | | | | | | | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Lymphoma Malignant | | | | X | | | X | | | | | X | | X | | | | | X | | | | | | | |
| Urinary Bladder | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | X | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|--------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| B6C3F1 MICE FEMALE | DAY ON TEST | 071 | 073 | 072 | 072 | 059 | 073 | 073 | 065 | 035 | 071 | 073 | 073 | 073 | 073 | 073 | 057 | 073 | 066 | 073 | 073 | 077 | 077 | 077 | 077 | 077 | 074 | 074 |
| | ANIMAL ID | 001 | 001 | 001 | 001 | 001 | 001 | 001 | 001 | 001 | 001 | 001 | 001 | 001 | 001 | 001 | 001 | 001 | 001 | 001 | 001 | 001 | 001 | 001 | 001 | 001 | 001 | 001 |
| Control | | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 |
| | | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Lymphoma Malignant | | | | | | X | | | | | | | | | | | | | | | | | | | | | |

females
(cont...)

SYSTEMIC LESIONS

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | X |
| Lymphoma Malignant | | X | X | | X | X | | | | | | | X | X | | | | | | | X | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
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| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------|--|
| B6C3F1 MICE FEMALE | DAY ON TEST | 0731 | 0732 | 0732 | 0731 | 0733 | 0767 | 0773 | 0773 | 0773 | 0773 | 0759 | 0763 | 0766 | 0766 | 0773 | 0749 | 0773 | 0773 | 0773 | 0759 | 0773 | 0773 | 0773 | * TOTALS | |
| | ANIMAL ID | 001 | 002 | 003 | 004 | 005 | 006 | 007 | 008 | 009 | 010 | 011 | 012 | 013 | 014 | 015 | 016 | 017 | 018 | 019 | 020 | 021 | 022 | 023 | | |
| Control | | 06 | 07 | 08 | 09 | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Gallbladder | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Intestine Large, Cecum | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Intestine Large, Colon | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Intestine Large, Rectum | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Intestine Small, Duodenum | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Intestine Small, Ileum | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Carcinoma | | | | | | | | | | | | X | | | | | | | | | | | | | 1 |
| Intestine Small, Jejunum | + | + | + | + | + | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hemangiosarcoma | | X | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Hepatocellular Adenoma | | | | | | | X | | | | | X | | | | X | | X | | | | | | | 13 |
| Hepatocellular Adenoma, Multiple | | X | | X | X | | | | | X | | X | | | | | | | | X | X | | | | 12 |
| Hepatocellular Carcinoma | | | | | | | | | | X | | X | | | | | | X | | | | | X | | 7 |
| Hepatocellular Carcinoma, Multiple | | | | | | | X | | | | | | | | | | | | X | | | | | | 1 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | X | | | | | 2 |
| Lymphoma Malignant | | | X | | | | | | | X | | | | | | X | | | | | | | | | 7 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

| B6C3F1 MICE FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|-----------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| | 0731 | 0732 | 0733 | 0734 | 0735 | 0736 | 0737 | 0738 | 0739 | 0740 | 0741 | 0742 | 0743 | 0744 | 0745 | 0746 | 0747 | 0748 | 0749 | 0750 | 0751 | 0752 | 0753 | 0754 | |
| Control | 00126 | 00127 | 00128 | 00129 | 00130 | 00131 | 00132 | 00133 | 00134 | 00135 | 00136 | 00137 | 00138 | 00139 | 00140 | 00141 | 00142 | 00143 | 00144 | 00145 | 00146 | 00147 | 00148 | 00149 | |
| Polyp Stromal | | | | | | | | | | | | | | | | | | | | | | | | | X |
| | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | |
| Iliac, Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Iliac, Renal, Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Lumbar, Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Lumbar, Renal, Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Lymph Node, Bronchial | + | M | M | + | + | + | + | M | + | M | M | M | M | + | M | M | + | M | + | + | + | M | M | + | 25 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Lymph Node, Mandibular | + | + | M | + | M | M | + | M | + | + | M | M | + | + | M | M | + | M | + | + | M | M | M | + | 31 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| Lymph Node, Mediastinal | + | + | + | + | + | + | + | + | + | + | M | + | M | + | + | + | + | M | + | + | + | M | + | + | 42 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Lymphoma Malignant | | | | | | X | | | | | | | | | X | | | | | | | | | 9 | |
| Lymph Node, Mesenteric | + | + | M | + | + | A | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | 47 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Lymphoma Malignant | | | | | | | | | | X | | | | | | | | | | | | | | | 6 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hemangiosarcoma | X | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | 1 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

| B6C3F1 MICE FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|
| | 0
7
3
1 | 0
7
3
2 | 0
7
3
2 | 0
7
3
1 | 0
7
3
3 | 0
7
4
7 | 0
6
3
3 | 0
7
3
2 | 0
7
3
1 | 0
7
3
2 | 0
5
3
9 | 0
7
3
1 | 0
6
4
9 | 0
6
2
8 | 0
7
3
2 | 0
4
3
9 | 0
7
3
3 | 0
7
3
3 | 0
5
9
0 | 0
7
3
3 | 0
7
3
3 | | 0
7
3
3 | | |
| Control | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0
0
1
2
6 | 0
0
1
2
7 | 0
0
1
2
8 | 0
0
1
2
9 | 0
0
1
3
0 | 0
0
1
3
1 | 0
0
1
3
2 | 0
0
1
3
3 | 0
0
1
3
4 | 0
0
1
3
5 | 0
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1
3
6 | 0
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1
3
7 | 0
0
1
3
8 | 0
0
1
3
9 | 0
0
1
4
0 | 0
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4
1 | 0
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2 | 0
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3 | 0
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4 | 0
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4
5 | 0
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1
4
6 | 0
0
1
4
7 | 0
0
1
4
8 | 0
0
1
4
9 | |
| Larynx | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Alveolar/Bronchiolar Adenoma | | | | | | | | | | X | | | | | | | | | | | | | | 2 | |
| Alveolar/Bronchiolar Adenoma, Multiple | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Alveolar/Bronchiolar Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Hepatocellular Carcinoma, Metastatic, Liver | | | | | | X | | | | | | | | | | | X | | | | | X | | 5 | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | X | | | | | | 1 | |
| Lymphoma Malignant | | | | | | | | | X | | | | | X | | | | | | | | | | 4 | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Adenoma | X | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Carcinoma | | | | | | | | | X | | | | | | | | | | | X | | | | 3 | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Lymphoma Malignant | | | X | | | | | X | | | | | | | | | | X | | | | | | 8 | |
| Urinary Bladder | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | X | | | | | 2 | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|---|---|
| B6C3F1 MICE FEMALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 5 | 7 | 6 | 6 | 6 | 7 | 4 | 7 | 7 | 7 | 7 | 5 | 7 | 7 |
| | | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 9 | 3 | 1 | 4 | 2 | 3 | 9 | 3 | 3 | 3 | 3 | 9 | 3 | 3 |
| Control | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | |

Lymphoma Malignant

2

SYSTEMIC LESIONS

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | X | | 2 |
| Lymphoma Malignant | X | | X | X | | | | | X | | | | | X | | | | | | X | | | X | 14 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Vinylidene chloride

CAS Number: 75-35-4

Date Report Requested: 08/26/2013

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First Dose M/F: 06/20/05 / 06/20/05

Lab: BNW

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------------|--|
| B6C3F1 MICE FEMALE
6.25 ppm | DAY ON TEST | 048 | 060 | 073 | 073 | 077 | 074 | 077 | 077 | 066 | 077 | 077 | 055 | 077 | 066 | 066 | 073 | 055 | 077 | 077 | 077 | 066 | 055 | 055 | 077 | females
(cont...) | |
| | ANIMAL ID | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | | |
| | | 330 | 330 | 330 | 330 | 330 | 330 | 330 | 330 | 330 | 330 | 330 | 330 | 330 | 330 | 330 | 330 | 330 | 330 | 330 | 330 | 330 | 330 | 330 | 330 | | |
| | | 001 | 002 | 003 | 004 | 005 | 006 | 007 | 008 | 009 | 010 | 011 | 012 | 013 | 014 | 015 | 016 | 017 | 018 | 019 | 020 | 021 | 022 | 023 | 024 | 025 | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pheochromocytoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | X |
| Parathyroid Gland | M | + | I | + | + | + | + | M | + | M | M | M | + | + | + | + | M | M | + | M | + | M | M | M |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pars Distalis, Adenoma | | | | | | | | X | | | | | | | | | | | | | | | | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland | + | + | + | M | + | + | + | M | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cystadenoma | | | | X | | | | X | | | | | | | | | | | | X | | | | |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | X |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Vinylidene chloride

CAS Number: 75-35-4

Date Report Requested: 08/26/2013

Time Report Requested: 12:08:14

First Dose M/F: 06/20/05 / 06/20/05

Lab: BNW

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE FEMALE | DAY ON TEST | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | ANIMAL ID | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | 7 | 8 | 7 | 8 | 6 | 7 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| 6.25 ppm | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Lymphoma Malignant | X | | | | | X | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | |
| Hemangioma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Polyp Stromal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node | | | + | | | | | | | | | | + | + | | | | | | | | | | | | | | | | | | | | | | | | | | + | |
| Deep Cervical, Iliac, Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Deep Cervical, Iliac, Renal, Lymphoma Malignant | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | |
| Deep Cervical, Lumbar, Renal, Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Iliac, Renal, Lymphoma Malignant | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | |
| Lumbar, Renal, Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreatic, Renal, Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal, Lymphoma Malignant | | | | | | | | | | | | | X | X | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Bronchial | + | + | + | + | + | M | + | + | + | M | + | + | + | + | + | + | M | M | M | + | + | + | + | M | M | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymphoma Malignant | | | X | X | | | | | | | | | | X | | X | | | | | | | | | | X | | | | | | | | | | | | | X | | |
| Myxosarcoma, Metastatic, Skin | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | + | + | + | M | + | M | M | M | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Lymphoma Malignant | | | X | X | | | | | | | | | | X | | X | | | | | | | | | | | X | | | | | | | | | | | | X | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

| B6C3F1 MICE FEMALE
6.25 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | | | |
|--------------------------------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------|----------------------|----|----|----|
| | 04 | 06 | 07 | 07 | 07 | 04 | 07 | 07 | 06 | 07 | 07 | 07 | 05 | 07 | 06 | 06 | 07 | 05 | 07 | 07 | | | 07 | 06 | 05 |
| | 7 | 0 | 3 | 3 | 1 | 7 | 3 | 3 | 7 | 3 | 3 | 3 | 8 | 3 | 9 | 1 | 3 | 5 | 3 | 3 | 3 | 9 | 9 | 2 | 3 |
| | 8 | 0 | 2 | 2 | 9 | 8 | 3 | 1 | 3 | 2 | 2 | 3 | 2 | 3 | 0 | 0 | 1 | 8 | 3 | 1 | 1 | 0 | 0 | 9 | 2 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lymph Node, Mediastinal
Carcinoma, Metastatic, Harderian Gland | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | X | | |
| Lymphoma Malignant | | X | | | | | | | | X | X | | | | X | | | | | | | | | | X |
| Myxosarcoma, Metastatic, Skin | | | | X | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mesenteric
Hepatocholangiocarcinoma, Metastatic, Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | M | + |
| Lymphoma Malignant | | X | X | | | | | | | | | X | | | X | | | | | | X | | | | X |
| Spleen
Hemangiosarcoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | |
| Lymphoma Malignant | | X | X | | | X | | | X | X | | | | X | | | | | | X | | | | | X |
| Thymus
Hepatocholangiocarcinoma, Metastatic, Liver | + | + | + | + | + | M | M | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + |
| Lymphoma Malignant | | X | X | | | | | | | | | | X | | | X | | | | | | | | | X |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland
Carcinoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Skin
Fibrous Histiocytoma | | | | | | | | | | | | | | | | | | | | | | | | | X |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | |
| Subcutaneous Tissue, Fibrosarcoma | | | | | | | | | | | | | | | | | | | | | | | | X | |
| Subcutaneous Tissue, Myxosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | |
| Subcutaneous Tissue, Sarcoma | | | | | | X | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|--------------------|--------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| B6C3F1 MICE FEMALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 4 | 6 | 7 | 7 | 7 | 4 | 7 | 7 | 6 | 7 | 7 | 5 | 7 | 6 | 6 | 7 | 5 | 7 | 7 | 7 | 6 | 5 | 5 | 7 | | |
| | | 7 | 0 | 3 | 3 | 1 | 7 | 3 | 3 | 7 | 3 | 3 | 8 | 3 | 9 | 1 | 3 | 5 | 3 | 3 | 3 | 9 | 9 | 2 | 3 | | |
| 6.25 ppm | ANIMAL ID | 8 | 0 | 2 | 2 | 9 | 8 | 3 | 1 | 3 | 2 | 2 | 3 | 2 | 3 | 0 | 0 | 1 | 8 | 3 | 1 | 1 | 0 | 0 | 0 | | |
| 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | | |
| | | females (cont...) | | | | | | | | | | | | | | | | | | | | | | | | | |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Skeletal Muscle | | | | | | | | | | | | | | + | | | | | | | | | | | | |
| Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | | | |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Peripheral Nerve | | | | | | | | | | | | | | + | | | | | | | | | | | | |
| Spinal Cord | | | | | | | | | | | | | | + | | | | | | | | | | | | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Larynx | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Alveolar/Bronchiolar Adenoma | X | | | | | | | | | | | | | | | | | | | X | | | | | | |
| Alveolar/Bronchiolar Carcinoma | | | | | | | | | | | | | | | | | | | | X | | | | | | |
| Carcinoma, Metastatic, Harderian Gland | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| Hepatocellular Carcinoma, Metastatic, Liver | | X | | | | X | | | X | | | | | | | | | | | | X | | | | | |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymphoma Malignant | | X | X | | | | | | | | | | | X | | | | | | | X | | | | X | |
| Myxosarcoma, Metastatic, Skin | | | | X | | | | | | | | | | | | | | | | | | | | | | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Carcinoma, Metastatic, Harderian Gland | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Vinylidene chloride

CAS Number: 75-35-4

Date Report Requested: 08/26/2013

Time Report Requested: 12:08:14

First Dose M/F: 06/20/05 / 06/20/05

Lab: BNW

| B6C3F1 MICE FEMALE
6.25 ppm | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | females
(cont...) | | |
|--------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------|---|--|
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| | | 4 | 6 | 7 | 7 | 7 | 4 | 7 | 7 | 6 | 7 | 7 | 5 | 7 | 6 | 6 | 7 | 5 | 7 | 7 | 7 | 6 | 5 | 5 | | 7 | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| Trachea | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Harderian Gland | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Adenoma | | | | X | | | | | | | | | | | | | | | | X | | | | | | | |
| Carcinoma | | | | | | | | | | | | | | | | | | | | | | | X | | | | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| Lymphoma Malignant | | | X | X | | | | | | | | | | | | | | | | | | | | | X | | |
| Urinary Bladder | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | X | | | | A | + | |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Multiple Organ | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| Lymphoma Malignant | | | X | X | | | X | | X | X | | X | | | | | | | | | X | | | | X | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

| B6C3F1 MICE FEMALE
6.25 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------|----|
| | 0
7
3
2 | 0
7
3
3 | 0
7
3
3 | 0
4
7
1 | 0
7
3
2 | 0
6
0
6 | 0
6
4
2 | 0
6
4
9 | 0
5
6
3 | 0
5
9
2 | 0
7
0
5 | 0
7
3
2 | 0
7
3
4 | 0
5
5
2 | 0
7
3
4 | 0
5
9
6 | 0
7
3
3 | 0
6
0
2 | 0
7
3
2 | 0
7
3
3 | 0
6
4
8 | | 0
7
3
3 | 0
6
4
3 | 0
7
3
8 | 0
6
4
9 | 0
7
3
0 | |
| ANIMAL ID | 0
0
3
2
6 | 0
0
3
2
7 | 0
0
3
2
8 | 0
0
3
2
9 | 0
0
3
3
0 | 0
0
3
3
1 | 0
0
3
3
2 | 0
0
3
3
3 | 0
0
3
3
4 | 0
0
3
3
5 | 0
0
3
3
6 | 0
0
3
3
7 | 0
0
3
3
8 | 0
0
3
3
9 | 0
0
3
4
0 | 0
0
3
4
1 | 0
0
3
4
2 | 0
0
3
4
3 | 0
0
3
4
4 | 0
0
3
4
5 | 0
0
3
4
6 | 0
0
3
4
7 | 0
0
3
4
8 | 0
0
3
4
9 | 0
0
3
4
0 | 0
0
3
4
1 | | |
| | Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymphoma Malignant | | | X | | | | | X | | X | | | | | | | X | | | | X | | | | | X | | 11 |
| Mesentery | + | | | | + | | | + | | | | | | + | + | | | | | + | | | | | | + | | 16 |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | X | | | | | | | | | | 1 | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | X | | 2 |
| Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | X | | | | | | | | | | 1 | |
| Lymphoma Malignant | | | X | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Sarcoma, Metastatic, Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | X | | | | | | | | | | 1 | |
| Squamous Cell Papilloma | | | | | | X | | | | | | | | | | | | | | | | | | | | | 3 | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Tooth | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | X | | | | | | | | | | 1 | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 08/26/2013

Test Type: CHRONIC

Vinylidene chloride

Time Report Requested: 12:08:14

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 75-35-4

First Dose M/F: 06/20/05 / 06/20/05

Species/Strain: MICE/B6C3F1

Lab: BNW

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| B6C3F1 MICE FEMALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | |
| | | 7 | 7 | 7 | 4 | 7 | 6 | 6 | 6 | 5 | 5 | 7 | 7 | 7 | 5 | 7 | 5 | 5 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 6 | 7 | 6 | 7 | 6 | 7 | 6 | 7 | 6 | 7 | 6 | 7 | |
| 6.25 ppm | ANIMAL ID | 3 | 3 | 3 | 7 | 3 | 0 | 4 | 4 | 6 | 9 | 0 | 3 | 3 | 5 | 3 | 8 | 9 | 3 | 0 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |
| | | 2 | 3 | 3 | 1 | 2 | 6 | 2 | 9 | 3 | 2 | 5 | 2 | 3 | 4 | 2 | 4 | 6 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 3 | 3 | 4 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Lymphoma Malignant | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | I | + | + | + | | | | | | | | | | | 48 | |
| Pheochromocytoma Malignant | | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | 1 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | 1 |
| Lymphoma Malignant | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Parathyroid Gland | + | M | + | + | M | M | M | M | + | M | M | M | + | + | M | + | M | + | + | M | M | M | M | + | M | | | | | | | | | | | | | 22 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Pars Distalis, Adenoma | | | | X | | | | | | | X | X | | | | | X | | | | | | | | | | | | | | | | | | | | | 5 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Ovary | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Cystadenoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | 1 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

| B6C3F1 MICE FEMALE
6.25 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|-------|-------|------|
| | 0732 | 0733 | 0733 | 0471 | 0730 | 0664 | 0664 | 0669 | 0553 | 0552 | 0770 | 0773 | 0773 | 0555 | 0773 | 0558 | 0559 | 0733 | 0663 | 0773 | 0773 | 0667 | | 0776 | 0776 | 0667 | 0773 | 0667 | 0776 | 0776 |
| ANIMAL ID | 00326 | 00337 | 00338 | 00001 | 00003 | 00003 | 00003 | 00003 | 00003 | 00003 | 00003 | 00003 | 00003 | 00003 | 00003 | 00003 | 00003 | 00003 | 00003 | 00003 | 00003 | 00003 | 00003 | 00003 | 00003 | 00003 | 00003 | 00003 | 00003 | |
| Lymphoma Malignant | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | 4 |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Hemangioma | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | 1 | |
| Histiocytic Sarcoma | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | 1 | |
| Polyp Stromal | | | | | | | | | | | | | | | | | | | X | | | | | | | X | | | 2 | |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | 1 | |
| Lymph Node | | | | | | | + | | | + | | | | | | | | | | | | | | | | | | + | 11 | |
| Deep Cervical, Iliac, Lymphoma Malignant | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | 1 | |
| Deep Cervical, Iliac, Renal, Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Deep Cervical, Lumbar, Renal, Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | 1 | |
| Iliac, Renal, Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Lumbar, Renal, Lymphoma Malignant | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | 1 | |
| Pancreatic, Renal, Lymphoma Malignant | | | | | | | | | | | | | | | X | | | | | | | | | | | | | | 1 | |
| Renal, Lymphoma Malignant | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | 3 | |
| Lymph Node, Bronchial | + | + | + | + | + | M | + | M | + | M | M | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | 38 | | |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | X | | | | | | 1 | |
| Lymphoma Malignant | | | X | X | | | | | | | | | | | | | | | | | | | | X | | | | X | 10 | |
| Myxosarcoma, Metastatic, Skin | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Lymph Node, Mandibular | + | + | M | M | + | + | M | M | + | M | + | + | + | M | + | + | + | + | + | M | M | + | M | + | | | | 35 | | |
| Lymphoma Malignant | | | X | | | | | | | X | | | | | | | | | | | | | X | | | | X | | 10 | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------|
| B6C3F1 MICE FEMALE | DAY ON TEST | 0
7 | 0
7 | 0
7 | 0
4 | 0
7 | 0
6 | 0
6 | 0
6 | 0
5 | 0
5 | 0
7 | 0
7 | 0
7 | 0
5 | 0
7 | 0
5 | 0
5 | 0
7 | 0
6 | 0
7 | 0
7 | 0
6 | 0
7 | 0
6 | | |
| | | 3
2 | 3
3 | 3
3 | 7
1 | 3
2 | 0
6 | 4
2 | 4
9 | 6
3 | 9
2 | 0
5 | 3
2 | 3
3 | 5
4 | 3
2 | 8
4 | 9
6 | 3
3 | 0
3 | 3
2 | 3
2 | 4
3 | 3
8 | 4
3 | | 6
8 |
| 6.25 ppm | ANIMAL ID | 0
0
3
2
6 | 0
0
3
2
7 | 0
0
3
2
8 | 0
0
3
2
9 | 0
0
3
3
0 | 0
0
3
3
1 | 0
0
3
3
2 | 0
0
3
3
3 | 0
0
3
3
4 | 0
0
3
3
5 | 0
0
3
3
6 | 0
0
3
3
7 | 0
0
3
3
8 | 0
0
3
3
9 | 0
0
3
4
0 | 0
0
3
4
1 | 0
0
3
4
2 | 0
0
3
4
3 | 0
0
3
4
4 | 0
0
3
4
5 | 0
0
3
4
6 | 0
0
3
4
7 | 0
0
3
4
8 | 0
0
3
4
9 | 0
0
3
5
0 | * TOTALS |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Hemangiosarcoma | | | | | | + | | | | | | | | | | | | | | | | | | | | 1 |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | X | | | | | | | | | | | | X | | | | | | | | 1 |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Brain | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Peripheral Nerve | | | | | | | | | | | | | | | | | | | | | | | | + | | 2 |
| Spinal Cord | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Larynx | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Lung | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Alveolar/Bronchiolar Adenoma | | | | | | | | | | | | | | X | | X | | | | | | | | | | 4 |
| Alveolar/Bronchiolar Carcinoma | | | | | | | | | | X | | | | | | | | | | | | | | | | 2 |
| Carcinoma, Metastatic, Harderian Gland | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Hepatocellular Carcinoma, Metastatic, Liver | | | | | | | | | | X | | | | | | X | | | | X | X | X | | | | 9 |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | X | | | | | | | | | 1 |
| Lymphoma Malignant | | | | | X | | | | | X | X | | | | | | X | | | | | X | X | | | 11 |
| Myxosarcoma, Metastatic, Skin | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Nose | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Carcinoma, Metastatic, Harderian Gland | | | | | | | | | | | | | | | | | | | | | | | | | X | 1 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Vinylidene chloride

CAS Number: 75-35-4

Date Report Requested: 08/26/2013

Time Report Requested: 12:08:14

First Dose M/F: 06/20/05 / 06/20/05

Lab: BNW

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------------------|
| B6C3F1 MICE FEMALE | DAY ON TEST | 0
7 | 0
6 | 0
7 | 0
7 | 0
6 | 0
6 | 0
7 | 0
3 | 0
7 | 0
7 | 0
7 | 0
5 | 0
6 | 0
7 | 0
7 | 0
7 | 0
6 | 0
6 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
5 | females
(cont...) |
| | ANIMAL ID | 0
5
0
1 | 0
5
0
2 | 0
5
0
3 | 0
5
0
4 | 0
5
0
5 | 0
5
0
6 | 0
5
0
7 | 0
5
0
8 | 0
5
0
9 | 0
5
0
0 | 0
5
0
1 | 0
5
0
2 | 0
5
0
3 | 0
5
0
4 | 0
5
0
5 | 0
5
0
6 | 0
5
0
7 | 0
5
0
8 | 0
5
0
9 | 0
5
0
0 | 0
5
0
1 | 0
5
0
2 | 0
5
0
3 | 0
5
0
4 | 0
5
0
5 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | A | + | A | + | + | + | A | + | + | + | + | + | + | + |
| Sarcoma, Metastatic, Skeletal Muscle | | | X | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | A | + | A | + | + | + | A | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | A | + | A | + | + | + | A | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | A | + | A | + | + | + | A | + | + | + | + | + | + | + |
| Adenoma | | | | | | | | | X | | | | | | | | | | | | | | | | |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | A | + | A | + | + | + | A | + | + | + | + | + | + | + |
| Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | X |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | A | + | A | + | + | + | A | + | + | + | + | + | + | + |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | X |
| Hepatocellular Adenoma | | | | | | X | | | | | | X | | X | | | | X | | X | | | | | |
| Hepatocellular Adenoma, Multiple | | | X | X | | | | | | X | X | X | | | | | | X | | X | X | X | X | X | X |
| Hepatocellular Carcinoma | | | | | | | | | | | | X | | | | | | X | | | | | | | |
| Hepatocellular Carcinoma, Multiple | | | | X | | | | | | | | | | | | | | | | | | | | | |
| Hepatocholangiocarcinoma | | | | | | | | | | | | | | | | | | | | | | | | | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

| B6C3F1 MICE FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | | |
|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---|-----------|----------------------|--|--|
| | 07
00
33 | 06
06
55 | 07
03
22 | 07
03
22 | 06
06
28 | 06
03
22 | 07
09
22 | 03
03
33 | 07
03
33 | 07
03
33 | 05
02
44 | 06
02
00 | 07
00
44 | 07
03
33 | 07
03
22 | 06
01
33 | 06
03
33 | 07
03
22 | 07
03
33 | 07
03
33 | 07
03
33 | 07
03
22 | 05
03
33 | 07
03
22 | | | | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | |
| Mesentery Hemangiosarcoma | | + | | + | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sarcoma, Metastatic, Skeletal Muscle | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas Sarcoma, Metastatic, Mesentery | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Stomach, Forestomach Squamous Cell Papilloma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Stomach, Glandular Sarcoma, Metastatic, Skeletal Muscle | + | | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | | | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | |
| Sarcoma, Metastatic, Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Hepatocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Vinylidene chloride

CAS Number: 75-35-4

Date Report Requested: 08/26/2013

Time Report Requested: 12:08:14

First Dose M/F: 06/20/05 / 06/20/05

Lab: BNW

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|-------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------------------|
| B6C3F1 MICE FEMALE

12.5 ppm | DAY ON TEST | 0
7 | 0
6 | 0
7 | 0
7 | 0
6 | 0
6 | 0
7 | 0
3 | 0
7 | 0
7 | 0
7 | 0
5 | 0
6 | 0
7 | 0
7 | 0
7 | 0
6 | 0
6 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
5 | females
(cont...) |
| | ANIMAL ID | 0
5
0
1 | 0
5
0
2 | 0
5
0
3 | 0
5
0
4 | 0
5
0
5 | 0
5
0
6 | 0
5
0
7 | 0
5
0
8 | 0
5
0
9 | 0
5
0
0 | 0
5
0
1 | 0
5
0
1 | 0
5
0
2 | 0
5
0
3 | 0
5
0
4 | 0
5
0
5 | 0
5
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6 | 0
5
0
7 | 0
5
0
8 | 0
5
0
9 | 0
5
0
0 | 0
5
0
1 | 0
5
0
1 | 0
5
0
2 | 0
5
0
3 | 0
5
0
4 | |
| | | 3 | 5 | 2 | 2 | 2 | 8 | 2 | 2 | 2 | 2 | 3 | 3 | 4 | 0 | 4 | 3 | 3 | 5 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Islets, Pancreatic
Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | X | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Parathyroid Gland | + | M | + | M | M | M | + | + | M | M | M | + | M | M | M | + | M | + | M | + | M | M | M | + | M | | | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Adenoma | | | | | | | | | X | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Carcinoma | | | | | | | | | | | | | | | | | | | | X | | | | | | | | X |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cystadenoma | | | | | | X | | | | | | | | | | | | | | | | | | | | | | |
| Hemangioma | | | | | | | | | | | | | | | | | | | | | | | | | | | | X |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Polyp Stromal | | | | | | | | | | | | | | | | | | | | | | | | | | | | X |

HEMATOPOIETIC SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 08/26/2013

Test Type: CHRONIC

Vinylidene chloride

Time Report Requested: 12:08:14

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 75-35-4

First Dose M/F: 06/20/05 / 06/20/05

Species/Strain: MICE/B6C3F1

Lab: BNW

| B6C3F1 MICE FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | females
(cont...) | |
|---|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------------|--------|
| | 0
7 | 0
6 | 0
7 | 0
7 | 0
6 | 0
6 | 0
7 | 0
3 | 0
7 | 0
7 | 0
7 | 0
5 | 0
6 | 0
7 | 0
7 | 0
7 | 0
6 | 0
6 | 0
7 | 0
7 | 0
7 | | 0
5 |
| 12.5 ppm | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | females
(cont...) | |
| | 0
5 | 0
5 | 0
5 | 0
5 | 0
5 | 0
5 | 0
5 | 0
5 | 0
5 | 0
5 | 0
5 | 0
5 | 0
5 | 0
5 | 0
5 | 0
5 | 0
5 | 0
5 | 0
5 | 0
5 | 0
5 | | 0
5 |
| Carcinoma | | | | | | | | | | | | | | | | | | | | | | X | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Fibrous Histiocytoma | | | | | | X | | | | | | | | | | | | | | | | | |
| Subcutaneous Tissue, Hemangiosarcoma | | | | | | | | | | | | | X | | | | | | | | | | |
| Subcutaneous Tissue, Myxosarcoma | | | | | | | | | | | | | | | | | X | | | | | | |
| Subcutaneous Tissue, Sarcoma | | | | | | | | | | | | | | | | | | | | | | X | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Skeletal Muscle | | + | | | | | | | | | | | | | | | | | | | | | |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | |
| Sarcoma | | X | | | | | | | | | | | | | | | | | | | | | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Carcinoma, Metastatic, Pituitary Gland | | | | | | | | | | | | | | | | | | | | | | | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Larynx | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Alveolar/Bronchiolar Adenoma | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolar/Bronchiolar Carcinoma | | | | X | | | X | | | | | | X | | | | | | | | | | |
| Alveolar/Bronchiolar Carcinoma, Multiple | | | | | | | | | | X | | | | | | | | | | | | | |
| Hepatocellular Carcinoma, Metastatic, Liver | | | X | | | | | | | | | | | | | | | X | | | | | |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

Experiment Number: 20303 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Vinylidene chloride

CAS Number: 75-35-4

Date Report Requested: 08/26/2013

Time Report Requested: 12:08:14

First Dose M/F: 06/20/05 / 06/20/05

Lab: BNW

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| B6C3F1 MICE FEMALE | DAY ON TEST | 07 | 06 | 07 | 07 | 06 | 06 | 07 | 03 | 07 | 07 | 07 | 05 | 06 | 07 | 07 | 07 | 06 | 06 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 05 |
| | ANIMAL ID | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| 12.5 ppm | | 35 | 55 | 25 | 25 | 22 | 82 | 22 | 22 | 23 | 33 | 33 | 42 | 00 | 44 | 33 | 22 | 33 | 11 | 33 | 33 | 22 | 33 | 33 | 22 | 33 | 22 | 66 |
| | | 11 | 22 | 33 | 44 | 55 | 66 | 77 | 88 | 99 | 00 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 55 |

females (cont...)

Lymphoma Malignant
Sarcoma, Metastatic, Mesentery

Nose
Carcinoma, Metastatic, Harderian Gland

Trachea

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

SPECIAL SENSES SYSTEM

Eye
Harderian Gland
Adenoma
Carcinoma

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |

X

X

URINARY SYSTEM

Kidney
Urinary Bladder

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| + | + | + | + | + | + | + | + | + | + | + | A | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

SYSTEMIC LESIONS

Multiple Organ
Histiocytic Sarcoma
Lymphoma Malignant

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |

X

X

X

X

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Vinylidene chloride
CAS Number: 75-35-4

Date Report Requested: 08/26/2013
Time Report Requested: 12:08:14
First Dose M/F: 06/20/05 / 06/20/05
Lab: BNW

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------|
| B6C3F1 MICE FEMALE
12.5 ppm | DAY ON TEST | 0648 | 0733 | 0673 | 0673 | 0773 | 0773 | 0679 | 0773 | 0773 | 0577 | 0773 | 0576 | 0673 | 0773 | 0773 | 0674 | 0773 | 0773 | 0773 | 0673 | 0773 | 0673 | 0673 |
| | ANIMAL ID | 00526 | 00527 | 00528 | 00529 | 00530 | 00531 | 00532 | 00533 | 00534 | 00535 | 00536 | 00537 | 00538 | 00539 | 00540 | 00541 | 00542 | 00543 | 00544 | 00545 | 00546 | 00547 | 00548 |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Gallbladder | + | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | M | + | + | + | + | M | + | 45 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | X | | | | | | | 1 |
| Intestine Large, Cecum | + | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Sarcoma, Metastatic, Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Intestine Large, Colon | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Intestine Small, Duodenum | + | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Intestine Small, Ileum | + | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Intestine Small, Jejunum | + | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Hepatocellular Adenoma | | | | | | X | | | X | | | | | | | X | | | | X | | | X | 10 |
| Hepatocellular Adenoma, Multiple | | X | | X | X | | X | | X | X | | X | X | X | X | | X | X | | X | | X | X | 26 |
| Hepatocellular Carcinoma | | X | X | | X | | | | | X | | | | X | X | | | | X | | | | X | 10 |
| Hepatocellular Carcinoma, Multiple | | | | | | | | X | | | | | | | | | | | | | | | | 2 |
| Hepatocholangiocarcinoma | | | | | | | | | | | | | | | | | | X | | | | | | 1 |
| Histiocytic Sarcoma | | | | | | X | | | | | | | | | | | | | | | | | | 1 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

| B6C3F1 MICE FEMALE
12.5 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|--------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|----|--|
| | 0648 | 0733 | 0673 | 0663 | 0773 | 0773 | 0773 | 0668 | 0773 | 0773 | 0773 | 0573 | 0773 | 0773 | 0556 | 0673 | 0773 | 0773 | 0667 | 0773 | 0773 | 0773 | 0663 | 0663 | | | |
| ANIMAL ID | 00526 | 00552 | 00558 | 00559 | 00560 | 00561 | 00562 | 00563 | 00564 | 00565 | 00566 | 00567 | 00568 | 00569 | 00570 | 00571 | 00572 | 00573 | 00574 | 00575 | 00576 | 00577 | 00578 | 00579 | 00580 | | |
| Lymphoma Malignant | | | X | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | 19 | |
| Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Sarcoma, Metastatic, Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Sarcoma, Metastatic, Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Squamous Cell Papilloma | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Stomach, Glandular | | | | | | | | | | | | | | | | | | | | | | | | | | 49 | |
| Sarcoma, Metastatic, Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Heart | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Sarcoma, Metastatic, Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Hepatocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Adrenal Medulla | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Vinylidene chloride

CAS Number: 75-35-4

Date Report Requested: 08/26/2013

Time Report Requested: 12:08:14

First Dose M/F: 06/20/05 / 06/20/05

Lab: BNW

| B6C3F1 MICE FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|----------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|--|
| | 0648 | 0738 | 0670 | 0669 | 0772 | 0773 | 0773 | 0668 | 0771 | 0773 | 0773 | 0593 | 0733 | 0771 | 0566 | 0773 | 0773 | 0674 | 0773 | 0773 | 0773 | 0773 | 0668 | 0773 | | |
| 12.5 ppm | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 00526 | 00552 | 00552 | 00552 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | 00553 | |
| Islets, Pancreatic Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
2 | |
| Parathyroid Gland | + | M | + | + | + | + | M | + | M | M | M | M | + | M | + | + | + | M | + | + | M | M | M | M | 21 | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | 48 | |
| Lymphoma Malignant | | | | | | | | | | | | | | X | | | | | | | | | | 1 | | |
| Pars Distalis, Adenoma | | | | | | | X | | | | | | X | | | | X | | | | | | X | 8 | | |
| Pars Distalis, Carcinoma | | | X | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GENITAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Clitoral Gland | + | + | + | + | + | M | M | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | | |
| Ovary | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Cystadenoma | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Hemangioma | | | | | | X | | | | | | | | | | | | | | | | | | 2 | | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Histiocytic Sarcoma | | | | | | X | | | | | | | | | | | | | | | X | | | 2 | | |
| Polyp Stromal | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

| B6C3F1 MICE FEMALE
12.5 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|----|--|
| | 0648 | 0733 | 0673 | 0663 | 0773 | 0773 | 0773 | 0668 | 0773 | 0773 | 0773 | 0573 | 0773 | 0773 | 0573 | 0663 | 0773 | 0773 | 0673 | 0773 | 0773 | 0673 | 0773 | 0673 | | | |
| ANIMAL ID | 00526 | 00527 | 00528 | 00529 | 00530 | 00531 | 00532 | 00533 | 00534 | 00535 | 00536 | 00537 | 00538 | 00539 | 00540 | 00541 | 00542 | 00543 | 00544 | 00545 | 00546 | 00547 | 00548 | 00549 | 00550 | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Lymph Node | | | | | | | | | | + | | | | | | | | | | | | | | | 1 | | |
| Pancreatic, Lymphoma Malignant | | | | | | | | | | X | | | | | | | | | | | | | | | 1 | | |
| Lymph Node, Bronchial | + | + | + | + | M | + | + | + | M | M | + | M | + | + | + | + | M | + | + | + | + | M | + | M | + | 38 | |
| Hepatocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | X | | | | 1 | |
| Lymphoma Malignant | | X | | | | | | X | X | | | | | X | | | | | | | | | | | 4 | | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | M | + | M | M | + | + | + | M | M | + | + | M | + | M | + | + | 30 | | |
| Lymphoma Malignant | | X | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Lymph Node, Mediastinal | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | | |
| Hepatocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | X | | | 1 | | |
| Lymphoma Malignant | | X | | | | | | X | X | X | | | | X | | | X | | | | | X | | | 7 | | |
| Sarcoma, Metastatic, Mesentery | X | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Lymph Node, Mesenteric | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | | |
| Lymphoma Malignant | | X | | | | | | X | X | X | | | | | | | X | | | | | X | | | 7 | | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Lymphoma Malignant | | X | | | | | | X | X | X | X | | | X | | | X | | | | | X | | | 11 | | |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | 46 | | |
| Lymphoma Malignant | | X | | | | | | X | X | | | | | X | | | | | | | | X | | | 7 | | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Vinylidene chloride

CAS Number: 75-35-4

Date Report Requested: 08/26/2013

Time Report Requested: 12:08:14

First Dose M/F: 06/20/05 / 06/20/05

Lab: BNW

| B6C3F1 MICE FEMALE
12.5 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|----|--|
| | 0648 | 0733 | 0679 | 0663 | 0772 | 0773 | 0773 | 0668 | 0771 | 0773 | 0773 | 0558 | 0773 | 0772 | 0556 | 0673 | 0773 | 0773 | 0664 | 0773 | 0773 | 0773 | 0663 | 0673 | | | |
| ANIMAL ID | 00526 | 00527 | 00528 | 00529 | 00530 | 00531 | 00532 | 00533 | 00534 | 00535 | 00536 | 00537 | 00538 | 00539 | 00540 | 00541 | 00542 | 00543 | 00544 | 00545 | 00546 | 00547 | 00548 | 00549 | 00550 | | |
| Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Fibrous Histiocytoma | | | | | | | | | | | | | | | | | | | | | | X | | | | 2 | |
| Subcutaneous Tissue, Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Subcutaneous Tissue, Myxosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Subcutaneous Tissue, Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | | X | 1 | |
| Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Carcinoma, Metastatic, Pituitary Gland | | | | X | | | | | | | | | | | | | | | | | | | | | | 1 | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Larynx | + | + | + | + | I | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Alveolar/Bronchiolar Adenoma | | | | | | | | | | | | X | | | | | | | | | | | | X | 2 | | |
| Alveolar/Bronchiolar Carcinoma | | | | | | | | | | | | | | | | | | | | | | | X | X | X | 6 | |
| Alveolar/Bronchiolar Carcinoma, Multiple | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Hepatocellular Carcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | | X | 3 | |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | X | | 1 | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

| B6C3F1 MICE FEMALE
12.5 ppm | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS | |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----------|---|
| | | 6 | 7 | 6 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 5 | 7 | 7 | 5 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | | 6 |
| | ANIMAL ID | 4 | 3 | 7 | 3 | 3 | 3 | 3 | 8 | 3 | 3 | 3 | 9 | 3 | 3 | 7 | 1 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | | 3 |
| | | 8 | 3 | 0 | 9 | 2 | 3 | 3 | 9 | 1 | 3 | 1 | 9 | 1 | 2 | 6 | 3 | 3 | 3 | 1 | 8 | 3 | 1 | 3 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | |
| Lymphoma Malignant | | | | | | | | | | | | | X | | | | | | | | | | | | 1 | |
| Sarcoma, Metastatic, Mesentery | | X | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Nose | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Carcinoma, Metastatic, Harderian Gland | | | | | | | | | | | | | X | | | | | | | | | | | | 1 | |
| Trachea | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Harderian Gland | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Adenoma | | | | | | X | | | | | | | | | | | | X | | | | X | | 4 | | |
| Carcinoma | | | | | | | | | | | | X | | | | | | | | | | | | 2 | | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Urinary Bladder | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Multiple Organ | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Histiocytic Sarcoma | | | | | | X | | | | | | | | | | | | | X | | | | | 2 | | |
| Lymphoma Malignant | | | X | | | | X | X | X | X | | | X | X | | X | | | X | | | | | 13 | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------------------------|
| B6C3F1 MICE FEMALE

25 ppm | DAY ON TEST | 0655 | 0733 | 0693 | 0771 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0569 | 0673 | 0773 | 0773 | 0773 | 0773 | 0675 | 0734 | 0773 | 0431 | 0741 | 0658 | females
(cont...) |
| | ANIMAL ID | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | |
| | | 12 | 34 | 56 | 78 | 90 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder | + | + | A | + | + | + | + | + | M | + | + | + | M | + | M | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | X | |
| Carcinoma | | | | | | | | | | | | | X | | | | | | | | | X | |
| Intestine Small, Jejunum | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Fibrosarcoma, Metastatic, Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | |
| Hemangioma | | | | | | | | | | | | | | | | | | | | | | | |
| Hemangiosarcoma | | | | | | | | | X | | X | | | | | | | X | | | | | X |
| Hepatocellular Adenoma | | | X | | | | | | | | | | X | | | | | X | | X | | | X |
| Hepatocellular Adenoma, Multiple | X | X | | X | | X | X | X | X | | | | X | X | X | | X | | | | X | | |
| Hepatocellular Carcinoma | | | | X | X | | | | | | | | X | X | | X | X | | | | | X | |
| Hepatocellular Carcinoma, Multiple | | | | | | | | | | | | X | | | | | | | | | | | |
| Hepatocholangiocarcinoma | | | | | | | | | | | | | | | | | | | | | | | |
| Lymphoma Malignant | | | X | | | | X | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Vinylidene chloride
CAS Number: 75-35-4

Date Report Requested: 08/26/2013
Time Report Requested: 12:08:14
First Dose M/F: 06/20/05 / 06/20/05
Lab: BNW

| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
|---------------------------|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------|
| B6C3F1 MICE FEMALE | 0
6 7 6 7 7 7 7 7 7 7 7 7 5 6 7 7 7 7 7 7 6 7 4 7 4 6
5 3 9 3 1 3 3 3 3 3 3 3 9 7 3 3 3 3 3 3 5 3 4 3 1 5
5 3 7 2 9 1 2 2 2 1 2 9 3 2 3 2 1 3 2 2 3 3 3 2 5 8 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 25 ppm | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 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 | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | | |

Sarcoma, Metastatic, Skeletal Muscle

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|--|--|--|---|--|--|---|--|--|--|---|---|---|--|---|---|---|---|--|---|--|
| Mesentery | + | + | + | + | | | | + | | | | | | | + | + | + | | + | + | + | + | | + | |
| Sarcoma | | | | | | | | | | | X | | | | | | | | | | | | | | |
| Sarcoma, Metastatic, Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sarcoma, Metastatic, Uterus | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Sarcoma, Metastatic, Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Sarcoma, Metastatic, Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Sarcoma, Metastatic, Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Sarcoma, Metastatic, Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Vinylidene chloride
CAS Number: 75-35-4

Date Report Requested: 08/26/2013
Time Report Requested: 12:08:14
First Dose M/F: 06/20/05 / 06/20/05
Lab: BNW

| B6C3F1 MICE FEMALE
25 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|
| | 0655 | 0733 | 0697 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0567 | 0673 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0673 | 0743 | 0743 | 0743 | 0643 | 0668 | | |
| | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 |
| Parathyroid Gland | M | + | + | + | + | M | M | M | + | + | M | + | + | + | + | + | + | + | M | M | + | M | + | M | M | + |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Adenoma | | | | | | | | | | | | X | | | | | | | | | | | X | | X | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GENITAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Clitoral Gland | + | M | + | + | + | + | + | + | + | M | + | + | + | M | M | M | + | + | + | + | + | + | + | + | + | |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Cystadenoma | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | X | | | | | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | X | |
| Polyp Stromal | X | | | | | | | | | | | | | | | | | | | | | | X | | | |
| Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Vinylidene chloride

CAS Number: 75-35-4

Date Report Requested: 08/26/2013

Time Report Requested: 12:08:14

First Dose M/F: 06/20/05 / 06/20/05

Lab: BNW

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------------------------------|
| B6C3F1 MICE FEMALE | 25 ppm | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | ANIMAL ID | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 4 | 7 | 4 | 6 | 6 | |
| | | | 5 | 3 | 9 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | 7 | 3 | 3 | 3 | 3 | 3 | 5 | 3 | 4 | 3 | 1 | 5 | 8 | |
| | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | females
(cont...) |
| | | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | | |
| | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Thymus | + | M | + | + | M | + | + | + | + | + | + | + | M | M | + | + | M | + | + | + | + | + | + | + | + | M |
| Lymphoma Malignant | | | | | | | | | | | X | | | | | | | | | X | | | | | | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Carcinoma | | | | | | | | | | | X | | | | | | | | | | | | | | | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Fibrous Histiocytoma | | | | | | | | | X | | | | | | | | | | X | | | | | | | |
| Subcutaneous Tissue, Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Subcutaneous Tissue, Sarcoma | | | | | | | | | | | | | | X | | | | | | | | X | | | | |
| Subcutaneous Tissue, Schwannoma Malignant | X | | | | | | | | | | | | | | | | | | | | | | | | | |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Osteosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | | + |
| Fibrosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spinal Cord | | | | | | | | | | | | | | | | | | | | | | | | | | + |

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|----------------------|
| B6C3F1 MICE FEMALE
25 ppm | DAY ON TEST | 0655 | 0733 | 0693 | 0771 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0599 | 0673 | 0773 | 0773 | 0773 | 0773 | 0665 | 0773 | 0443 | 0773 | 0443 | 0665 | females
(cont...) |
| | ANIMAL ID | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | |
| | | 1234567890 | 1234567890 | 1234567890 | 1234567890 | 1234567890 | 1234567890 | 1234567890 | 1234567890 | 1234567890 | 1234567890 | 1234567890 | 1234567890 | 1234567890 | 1234567890 | 1234567890 | 1234567890 | 1234567890 | 1234567890 | 1234567890 | 1234567890 | 1234567890 | 1234567890 | 1234567890 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Sarcoma, Metastatic, Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Adenoma | | | | | | | | | | | | | | | X | | | | | | | | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hemangiosarcoma | | | | | | | | | X | | | | | | | | | | | | | | | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sarcoma, Metastatic, Uterus | | | | | | | | | | | | | | | | | | | | | | | | | |

SYSTEMIC LESIONS

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymphoma Malignant | | X | | | X | | X | X | | | X | | | X | | X | | X | | | | | | X |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

| B6C3F1 MICE FEMALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
|--------------------|-------------|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 5 | 6 | 5 | 5 | 4 | 5 | 4 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 5 | 7 | 6 | 6 | 5 | 5 | 4 | 7 | 5 | 7 | 7 |
| 25 ppm | ANIMAL ID | 6 | 2 | 1 | 0 | 4 | 6 | 1 | 2 | 3 | 3 | 3 | 6 | 3 | 3 | 1 | 3 | 1 | 4 | 0 | 9 | 1 | 3 | 5 | 1 | 3 |
| | | 4 | 6 | 9 | 8 | 0 | 2 | 3 | 4 | 3 | 3 | 3 | 2 | 9 | 3 | 2 | 2 | 4 | 0 | 2 | 2 | 5 | 1 | 6 | 5 | 1 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
| | | * TOTALS | | | | | | | | | | | | | | | | | | | | | | | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Gallbladder | + | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | 43 |
| Intestine Large, Cecum | + | + | + | + | A | + | A | + | + | + | + | + | + | + | A | + | + | + | A | + | + | + | + | M | + | 45 |
| Intestine Large, Colon | + | + | + | + | A | + | A | + | + | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | 46 |
| Intestine Large, Rectum | + | + | + | + | A | + | A | + | + | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | 46 |
| Intestine Small, Duodenum | + | + | + | + | A | + | A | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | 46 |
| Intestine Small, Ileum | + | + | + | + | A | + | A | + | + | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | 45 |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Carcinoma | | | | | | | | | | | | | | | | | | | | X | | | | | | 3 |
| Intestine Small, Jejunum | + | + | + | + | A | + | A | + | + | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | 45 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Fibrosarcoma, Metastatic, Skeletal Muscle | | | | | X | | | | | | | | | | | | | | | | | | | | | 1 |
| Hemangioma | | | | | | | | | | | | | | | | | | | X | | | | | | X | 2 |
| Hemangiosarcoma | | | | | X | | | | X | | | | | | | | | | | | | | | | | 6 |
| Hepatocellular Adenoma | X | X | | | | X | | X | X | | X | | | | X | | | | | | | | | | | 12 |
| Hepatocellular Adenoma, Multiple | | | | | | | | | | X | | | | | | | | | X | | | | X | | | 17 |
| Hepatocellular Carcinoma | | | | X | | | | X | X | | | X | | | | | | | | | X | X | | | X | 14 |
| Hepatocellular Carcinoma, Multiple | | | | | | | | | | | | | | | X | | X | | | | | | | | | 3 |
| Hepatocholangiocarcinoma | | | | | X | | X | | | | | | | | | | | | | | | | | | | 2 |
| Lymphoma Malignant | | | | | | X | | | | | | | | | | | | | | | | | | | | 3 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

| B6C3F1 MICE FEMALE
25 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|--------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|--|
| | 0564 | 0621 | 0058 | 0054 | 0054 | 0054 | 0054 | 0077 | 0077 | 0077 | 0077 | 0067 | 0077 | 0077 | 0057 | 0077 | 0066 | 0055 | 0055 | 0044 | 0077 | 0055 | 0077 | 0057 | | 0077 | |
| ANIMAL ID | 0072 | 0077 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | | |
| Sarcoma, Metastatic, Skeletal Muscle | | | | | | | | | X | | | | | | | | | | | | | | | | 1 | | |
| Mesentery | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 37 | | |
| Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Sarcoma, Metastatic, Skeletal Muscle | | | | | | | | | X | | | | | | | | | | | | | | | | 1 | | |
| Sarcoma, Metastatic, Uterus | | | | | | | | | X | | | | | | | | | | | | | | | | 1 | | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Sarcoma, Metastatic, Skeletal Muscle | | | | | | | | | X | | | | | | | | | | | | | | | | 1 | | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Sarcoma, Metastatic, Skeletal Muscle | | | | | | | | | X | | | | | | | | | | | | | | | | 1 | | |
| Stomach, Glandular | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Sarcoma, Metastatic, Skeletal Muscle | | | | | | | | X | | | | | | | | | | | | | | | | | 1 | | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | I | + | 49 | | |
| Sarcoma, Metastatic, Skeletal Muscle | | | | | | | | X | | | | | | | | | | | | | | | | | 1 | | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | I | + | 49 | | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

| B6C3F1 MICE FEMALE
25 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| | 0564 | 0666 | 0519 | 0558 | 0440 | 0542 | 0443 | 0774 | 0773 | 0773 | 0773 | 0666 | 0773 | 0773 | 0551 | 0773 | 0666 | 0552 | 0552 | 0445 | 0771 | 0556 | 0775 | 0771 | | |
| | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 00726 | 00777 | 00778 | 00779 | 00780 | 00781 | 00782 | 00783 | 00784 | 00785 | 00786 | 00787 | 00788 | 00789 | 00790 | 00791 | 00792 | 00793 | 00794 | 00795 | 00796 | 00797 | 00798 | 00799 | 00800 | |
| Parathyroid Gland | M | + | M | M | + | M | + | M | + | M | M | + | M | + | M | + | + | + | + | + | + | + | + | + | 31 | |
| Pituitary Gland | + | + | + | M | + | + | + | + | + | + | + | + | + | + | I | + | + | + | + | + | + | + | M | + | 47 | |
| Lymphoma Malignant | | | | X | | | | | | | | | | | | | | | | | | | | | 1 | |
| Pars Distalis, Adenoma | | | | | | | | | | | | | | | | | | | | | | X | | | 4 | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GENITAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | I | + | + | 49 | |
| Cystadenoma | | | | | | | | | | | | | | | | | | | | | X | | | | 1 | |
| Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Lymphoma Malignant | | | | X | | | | | | | | | | | | | | | | | | | | | 1 | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Adenoma | | | | | | | | | | | X | | | | | | | | | | | | | | 1 | |
| Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Polyp Stromal | | | X | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Sarcoma | | | | | | | X | | | | | | | | | | | | | | | | | | 1 | |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

| B6C3F1 MICE FEMALE
25 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| | 0564 | 0662 | 0511 | 0500 | 0454 | 0545 | 0444 | 0777 | 0777 | 0777 | 0666 | 0777 | 0777 | 0555 | 0777 | 0666 | 0555 | 0555 | 0444 | 0777 | 0555 | 0777 | 0555 | 0777 | |
| ANIMAL ID | 00726 | 00077 | 00077 | 00077 | 00077 | 00077 | 00077 | 00077 | 00077 | 00077 | 00077 | 00077 | 00077 | 00077 | 00077 | 00077 | 00077 | 00077 | 00077 | 00077 | 00077 | 00077 | 00077 | 00077 | |
| Lymphoma Malignant | | | | | X | | | | | | | | | | | | | | | | | | | 1 | |
| Lymph Node | | | | | + | + | | + | | | | | | | | | | | | | | | | 8 | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Iliac, Renal, Lymphoma Malignant | | | | | X | | | | | | | | | | | | | | | | | | | 1 | |
| Lumbar, Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Lumbar, Sarcoma, Metastatic, Skeletal Muscle | | | | | | | | | | X | | | | | | | | | | | | | | 1 | |
| Lumbar, Sarcoma, Metastatic, Skin | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Lumbar, Renal, Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Renal, Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Lymph Node, Bronchial | + | + | + | + | + | + | + | M | + | + | + | + | + | + | M | + | M | + | + | + | + | M | I | + | 38 |
| Hepatocarcinoma, Metastatic, Liver | | | | | X | | X | | | | | | | | | | | | | | | | | | 2 |
| Lymphoma Malignant | | | | | X | | | | | | | | | | | | | | | | | | | | 4 |
| Lymph Node, Mandibular | + | M | + | + | + | + | M | + | + | M | + | + | + | + | + | + | + | + | M | + | + | + | + | + | 37 |
| Carcinoma, Metastatic, Harderian Gland | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Lymphoma Malignant | | | | | X | | | | | | | | | | | | | | | | | | | | 2 |
| Lymph Node, Mediastinal | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | I | M | 47 |
| Hemangiosarcoma | | | | | | | | | | | | X | | | | | | | | | | | | | 1 |
| Hepatocarcinoma, Metastatic, Liver | | | | | | X | | | | | | | | | | | | | | | | | | | 1 |
| Lymphoma Malignant | | | | | X | | | | | | | | | | | | | | | | | | | | 6 |
| Lymph Node, Mesenteric | + | + | + | M | + | + | M | + | + | + | + | + | + | + | M | + | M | + | + | + | + | + | + | + | 45 |
| Lymphoma Malignant | | | | | X | | | | | | | | | | | | | | | | | | | | 5 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | 49 |
| Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Lymphoma Malignant | | | | | X | | | | | | | | | | | X | | | | | | | | | 9 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

| B6C3F1 MICE FEMALE
25 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|----------|----|--|
| | 0564 | 0662 | 0511 | 0504 | 0454 | 0445 | 0477 | 0777 | 0777 | 0777 | 0676 | 0773 | 0773 | 0571 | 0773 | 0664 | 0565 | 0555 | 0444 | 0773 | 0551 | 0773 | 0773 | | | | |
| ANIMAL ID | 00726 | 00777 | 00777 | 00777 | 00777 | 00777 | 00777 | 00777 | 00777 | 00777 | 00777 | 00777 | 00777 | 00777 | 00777 | 00777 | 00777 | 00777 | 00777 | 00777 | 00777 | 00777 | 00777 | | | | |
| Thymus | + | + | M | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | M | + | + | + | + | I | + | 40 | |
| Lymphoma Malignant | | | | | | | X | | | | | | | | X | | | | | | | | | | | 4 | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Fibrous Histiocytoma | | | | | | | | | | | | | | | | | | | | | | | X | | | 3 | |
| Subcutaneous Tissue, Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | | | X | | 1 | |
| Subcutaneous Tissue, Sarcoma | | | | | | | | | | | | | | | | | | | | | | | X | | | 3 | |
| Subcutaneous Tissue, Schwannoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Osteosarcoma | | | | | | | | X | | | | | | | | | | | | | | | | | | 1 | |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | |
| Fibrosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Spinal Cord | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Vinylidene chloride

CAS Number: 75-35-4

Date Report Requested: 08/26/2013

Time Report Requested: 12:08:14

First Dose M/F: 06/20/05 / 06/20/05

Lab: BNW

| DAY ON TEST | B6C3F1 MICE FEMALE | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|-------------|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|
| | 0564 | 0654 | 0554 | 0644 | 0544 | 0634 | 0534 | 0624 | 0524 | 0614 | 0514 | 0604 | 0504 | 0674 | 0574 | 0664 | 0564 | 0654 | 0554 | 0644 | 0544 | 0634 | 0534 | 0624 | | 0524 | 0614 | 0514 |
| ANIMAL ID | 00726 | 00777 | 00777 | 00777 | 00777 | 00777 | 00777 | 00777 | 00777 | 00777 | 00777 | 00777 | 00777 | 00777 | 00777 | 00777 | 00777 | 00777 | 00777 | 00777 | 00777 | 00777 | 00777 | 00777 | 00777 | 00777 | 00777 | 00777 |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Larynx | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Alveolar/Bronchiolar Adenoma | | | | X | | | | | | X | | | | | | | | | | | | | | | | | | | |
| Alveolar/Bronchiolar Carcinoma | X | X | X | | | | | | X | | | | | | | | | X | | | | | | | | | | | |
| Carcinoma, Metastatic, Harderian Gland | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocellular Carcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | X | | X | | | | | | | | | | | | | | | | | | | | | | |
| Lymphoma Malignant | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | |
| Sarcoma, Metastatic, Skin | | | | | | | | | | | | | | | | | | | X | | | | | | | | | | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Carcinoma, Metastatic, Harderian Gland | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymphoma Malignant | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Carcinoma | | | | | | | | | | | | | | X | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | X | | | | | | | | | | | | | | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymphoma Malignant | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

Experiment Number: 20303 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Vinylidene chloride
 CAS Number: 75-35-4

Date Report Requested: 08/26/2013
 Time Report Requested: 12:08:14
 First Dose M/F: 06/20/05 / 06/20/05
 Lab: BNW

| B6C3F1 MICE FEMALE
25 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | |
|--------------------------------------|-------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|----------|---|---|----|----|
| | 05644 | 066210 | 00554 | 00554 | 00444 | 00544 | 00747 | 00747 | 00747 | 00747 | 00666 | 00747 | 00747 | 00555 | 00747 | 00666 | 00555 | 00554 | 00444 | 00747 | 00554 | 00747 | 00747 | | | | | | |
| ANIMAL ID | 00464 | 00669 | 00088 | 00088 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | | | | | | |
| Sarcoma, Metastatic, Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | X | 1 | | | | |
| Renal Tubule, Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | 48 | |
| Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Sarcoma, Metastatic, Uterus | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 11 |

*** END OF REPORT ***

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically