

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 Control	DAY ON TEST	0652	0653	0654	0655	0656	0657	0658	0659	0650	0651	0652	0653	0654	0655	0656	0657	0658	0659	0650	0651	0652	0653	0654	0655	0656	0657	0658	0659	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	0026	0027	0028		0029	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	X	X	X	X	X	X	X	X	
Hepatocellular Carcinoma		X	X	X										X					X	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	DAY ON TEST																									males (cont...)
	06	05	07	05	07	07	07	07	07	07	05	07	05	07	07	07	07	06	07	04	07	07	07	07	07	
Control	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	
	2	9	1	5	2	0	0	9	0	0	0	6	1	9	9	9	2	0	8	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	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	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	
	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																									X

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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			
		6	5	7	5	7	7	7	7	7	5	7	5	7	7	7	7	6	7	4	7	7	7	7	7		
ANIMAL ID		5	8	3	3	1	3	3	1	3	5	3	9	3	2	2	2	4	3	8	3	2	3	2			
		2	9	1	5	2	0	0	9	0	0	6	1	9	9	9	2	0	8	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	1	1	1	1	1	1	1	1	2	2	2	2			
		males (cont...)																									
Parathyroid Gland		M	M	+	+	M	M	+	M	M	+	+	+	M	+	+	+	M	M	+	+	M	+	M	M	M	
Pituitary Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant																											
Pars Intermedia, Adenoma																											
Thyroid Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
GENERAL BODY SYSTEM																											
NONE																											
GENITAL SYSTEM																											
Epididymis		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Preputial Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Prostate		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Seminal Vesicle		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Testes		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemangioma																										X	
Interstitial Cell, Adenoma																										X	
HEMATOPOIETIC SYSTEM																											
Bone Marrow		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemangiosarcoma																										X	

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B6C3F1 MICE MALE	DAY ON TEST																									males (cont...)
	06	05	07	05	07	07	07	07	07	05	07	05	07	07	07	07	06	07	04	07	07	07	07	07		
Control	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	0	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	0	0	0	0	0	0	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		
	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 Pancreatic, Histiocytic Sarcoma Renal, Lymphoma Malignant																								
Lymph Node, Bronchial Hepatocholangiocarcinoma, Metastatic, Liver	+	+	+	+	M	+	+	M	+	M	+	+	+	+	M	I	M	M	+	+	M	+	+	M
Lymph Node, Mandibular	M	+	M	M	M	+	M	+	M	+	M	+	M	M	M	M	M	+	M	+	M	M	+	+
Lymph Node, Mediastinal Hepatocholangiocarcinoma, Metastatic, Liver Lymphoma Malignant	+	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+
Lymph Node, Mesenteric Carcinoma, Metastatic, Intestine Large, Cecum Histiocytic Sarcoma Lymphoma Malignant	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+
	X																							X
Spleen Hemangiosarcoma Histiocytic Sarcoma Lymphoma Malignant	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
											X													
Thymus Lymphoma Malignant	+	+	+	+	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
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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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	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Control		6	5	7	5	7	7	7	7	7	5	7	5	7	7	7	6	7	4	7	7	7	7	males (cont...)
		5	8	3	3	1	3	3	1	3	5	3	9	3	2	2	4	3	8	3	2	3	2	
		2	9	1	5	2	0	0	9	0	0	6	1	9	9	2	0	8	1	9	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	

Fibrous Histiocytoma
Keratoacanthoma
Subcutaneous Tissue, Liposarcoma

X X

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

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

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	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
Control		6	5	7	5	7	7	7	7	7	5	7	5	7	7	7	6	7	4	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
		5	8	3	3	1	3	3	1	3	5	3	9	3	2	2	4	3	8	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
		2	9	1	5	2	0	0	9	0	0	6	1	9	9	2	0	8	1	9	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	2	2	2	2	2	2	2	2	2	2	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										

males
(cont...)

Pleura
 Hepatocholangiocarcinoma, Metastatic, Liver

Trachea +

SPECIAL SENSES SYSTEM

Eye +

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

URINARY SYSTEM

Kidney Hemangiosarcoma + + + + + + + + + + + X + + + + + + + + + + + +

Hepatocholangiocarcinoma, Metastatic, Liver
 Lymphoma Malignant +

Urinary Bladder +

SYSTEMIC LESIONS

Multiple Organ Histiocytic Sarcoma +

Lymphoma Malignant + X

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B6C3F1 MICE MALE	DAY ON TEST	0729	0623	0729	0671	0770	0771	0772	0773	0773	0669	0664	0773	0777	0777	0666	0664	0666	0777	0575	0776	0655	0511	* TOTALS
	ANIMAL ID	00026	00027	00028	00029	00030	00031	00032	00033	00034	00035	00036	00037	00038	00039	00040	00041	00042	00043	00044	00045	00046	00047	

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		X		X		20	
Hepatocellular Carcinoma		X		X				X	X	X							X	X		X	X			18	
Hepatocellular Carcinoma, Multiple													X	X							X	X		8	
Hepatocolangiocarcinoma														X										1	
Lymphoma Malignant																	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 Control	DAY ON TEST	07 29	06 23	07 29	06 39	07 31	07 30	07 31	07 30	07 31	07 30	06 94	06 60	07 38	07 78	07 71	07 69	06 43	06 61	07 41	05 21	07 29	06 79	06 57	06 65	05 12	* TOTALS
	ANIMAL ID	0026 0007	0008 0009	0000 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	0026 0027	0028 0029	0030 0031	0032 0033	0034 0035	0036 0037	0038 0039	0040 0041	0042 0043	0044 0045	
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					+																						1
Pheochromocytoma Malignant					X																						1
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Adenoma																									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 Control	DAY ON TEST	0729	0623	0729	0633	0731	0770	0771	0777	0777	0666	0666	0777	0777	0777	0777	0666	0666	0777	0777	0557	0776	0665	0665	0557	0665	0557	* 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	0048	0049	0050		
Parathyroid Gland	M	I	+	+	M	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	0773	0777	0777	0669	0666	0773	0777	0777	0777	0666	0446	0667	0552	0772	0667	0551	0665		
ANIMAL ID	00026	00007	00008	00009	00010	00011	00012	00013	00014	00015	00016	00017	00018	00019	00020	00021	00022	00023	00024	00025	00026	00027	00028	00029	00030	
Lymph Node																									2	
Pancreatic, Histiocytic Sarcoma																									1	
Renal, Lymphoma Malignant																									1	
Lymph Node, Bronchial																									33	
Hepatocholangiocarcinoma, Metastatic, Liver																									1	
Lymph Node, Mandibular																									17	
Lymph Node, Mediastinal																									43	
Hepatocholangiocarcinoma, Metastatic, Liver																									1	
Lymphoma Malignant																									1	
Lymph Node, Mesenteric																									46	
Carcinoma, Metastatic, Intestine Large, Cecum																									1	
Histiocytic Sarcoma																									1	
Lymphoma Malignant																									2	
Spleen																									50	
Hemangiosarcoma																									2	
Histiocytic Sarcoma																									2	
Lymphoma Malignant																									1	
Thymus																									39	
Lymphoma Malignant																									1	
INTEGUMENTARY SYSTEM																										
Mammary Gland																									1	
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
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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																								* 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	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

* .. 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

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 7	0 6	0 7	0 6	0 7	0 7	0 7	0 7	0 7	0 6	0 6	0 7	0 7	0 7	0 7	0 6	0 4	0 6	0 7	0 5	0 7	0 6	0 5	* TOTALS	
Control	ANIMAL ID	2 9	2 3	2 9	3 9	3 1	3 0	3 1	3 0	3 1	2 9	2 4	3 0	3 4	3 1	2 9	2 6	4 4	6 1	2 2	0 1	2 9	7 9	6 0		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 2	0 2	0 2	0 2	0 3	0 3	0 3	0 3	0 3	0 3	0 3	0 3	0 3	0 3	0 3	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4		0 5

Pleura																								+	1
Hepatocholangiocarcinoma, Metastatic, Liver																								X	1
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Adenoma																								X	7

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hemangiosarcoma																									1
Hepatocholangiocarcinoma, Metastatic, Liver																								X	1
Lymphoma Malignant																									1
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Histiocytic Sarcoma	X																								X	2
Lymphoma Malignant																								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	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	0726	0727	0728	0729	0730	
	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	0026	0027	0028	0029	0030	
6.25 ppm																																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											X		
Hepatocellular Carcinoma, Multiple																																	
Hepatocholangiocarcinoma	X																																
Lymphoma Malignant																																	
Mesentery	+														+	+																	

* .. 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	0	0	0	0	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...)	
	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	0	1	2			3
Hepatocholangiocarcinoma, Metastatic, Liver	X																															
Pancreas		+	+	+	+	+	A	+	+	+	+	+	+	+	+	+																
Hepatocellular Carcinoma, Metastatic, Liver																				X												
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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		

* .. 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	males (cont...)
		7	7	7	7	7	7	6	7	7	7	6	6	7	7	7	7	7	7	6	7	7	7	5	
	0	2	2	3	2	2	4	3	3	2	3	5	2	3	3	2	2	3	6	3	2	3	2	2	
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
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

Adenoma	X																								
Parathyroid Gland	M	+	M	M	M	+	M	+	M	+	+	M	+	M	+	+	+	M	M	M	+	M	M	M	+
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hepatocellular Carcinoma, Metastatic, Liver	X																								
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Interstitial Cell, Adenoma	X																								

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma																									
Lymphoma Malignant																									

* .. 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
 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	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

* .. 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

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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	0726	0727	0728	0729	0730
	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	0026	0027	0028	0029	0030

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																																
Carcinoma, Metastatic, Harderian Gland																																X
Hepatocellular Carcinoma, Metastatic, Liver				X	X					X	X						X	X														X
Hepatocarcinoma, Metastatic, Liver	X																															
Lymphoma Malignant																																

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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
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 Lab: BNW

B6C3F1 MICE MALE 6.25 ppm	DAY ON TEST																									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	
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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Experiment Number: 20303 - 06
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Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

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

B6C3F1 MICE MALE	DAY ON TEST	071	079	079	070	072	079	061	070	073	073	029	068	069	067	073	073	029	064	071	079	073	052	073	males (cont...)
	ANIMAL ID	00200	00200	00200	00200	00200	00200	00200	00200	00200	00200	00200	00200	00200	00200	00200	00200	00200	00200	00200	00200	00200	00200	00200	

Histiocytic Sarcoma
 Lymphoma Malignant

X

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Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

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

B6C3F1 MICE MALE	DAY ON TEST	0619	0729	0779	0779	0779	0779	0779	0779	0670	0770	0779	0779	0779	0672	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779
	ANIMAL ID	0022	0022	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		2226	2227	2228	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229
	* TOTALS																								

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

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 Species/Strain: MICE/B6C3F1

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	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	002250	
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	

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 Species/Strain: MICE/B6C3F1

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 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	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	24	25	

Adenoma 1

Parathyroid Gland 22

Pituitary Gland 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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	06	07	07	07	07	07	07	07	07	07	06	07	07	07	07	06	07	07	07	07	07	07	07			
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			
Lymph Node Pancreatic, Lymphoma Malignant																								2		
Renal, Hepatocholangiocarcinoma, Metastatic, Liver																								1		
Lymph Node, Bronchial Hepatocholangiocarcinoma, Metastatic, Liver	+	+	+	+	M	+	M	+	M	+	M	M	+	M	+	+	M	M	+	+	+	+	M	M	+	34
Lymphoma Malignant																									X	1
Lymph Node, Mandibular	M	+	M	+	+	+	+	M	+	M	+	+	M	M	M	M	+	+	M	+	+	M	+	M	+	29
Lymph Node, Mediastinal Carcinoma, Metastatic, Harderian Gland	+	M	M	+	M	+	+	+	+	+	+	+	M	+	M	+	+	M	+	M	+	M	+	M	M	29
Lymphoma Malignant												X													X	1
Lymph Node, Mesenteric Hepatocholangiocarcinoma, Metastatic, Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Lymphoma Malignant																									X	2
Spleen Hemangiosarcoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Lymphoma Malignant											X														X	3
Thymus Hemangiosarcoma	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	37
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	2

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	0619	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729		0729	0729	
Skin Fibrous Histiocytoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 2	
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Skeletal Muscle Hepatocarcinoma, Metastatic, Liver																									1 1	
NERVOUS SYSTEM																										
Brain Carcinoma, Metastatic, Harderian Gland	+	+	+	+	+	+	+	+	+	+	X	+	+	+	+	+	+	+	+	+	+	+	+	+	50 1	
RESPIRATORY SYSTEM																										
Larynx Lymphoma Malignant	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	X	+	+	+	50 1	
Lung Alveolar/Bronchiolar Adenoma	+	+	+	+	+	+	+	+	X	+	X	+	+	+	+	+	+	+	+	X	+	X	+	+	50 7	
Alveolar/Bronchiolar Adenoma, Multiple																									1	
Alveolar/Bronchiolar Carcinoma					X	X													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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	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	

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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	0772	0772	0751	0751	0777	0777	0777	0777	0777	0777	0777	0777	0767	0777	0777	0777	0766	0744	0722	0755	0766	0766	0766
	ANIMAL ID	0040	0040	0040	0040	0040	0040	0040	0040	0040	0040	0040	0040	0040	0040	0040	0040	0040	0040	0040	0040	0040	0040	0040	0040	0040
		12	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35

males
(cont...)

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										X	
Hepatocellular Adenoma, Multiple			X	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	12.5 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			
		7	7	7	7	5	5	7	7	7	7	7	7	7	6	7	7	7	6	4	4	7	5	6	6		
		3	3	2	2	7	1	3	3	3	3	2	3	3	4	3	3	3	4	2	2	0	4	5	3		
		0	0	0	9	6	0	4	1	1	0	9	1	1	0	0	0	8	8	9	8	8	9	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		
		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	1	1	1	1	1	1	1	1	1	1	1	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	

Rhabdomyosarcoma, Metastatic, Skeletal Muscle

Mesentery

Pancreas

Rhabdomyosarcoma, Metastatic, Skeletal Muscle

Salivary Glands

Stomach, Forestomach

Stomach, Glandular

Tongue

CARDIOVASCULAR SYSTEM

Blood Vessel

Heart

ENDOCRINE SYSTEM

Adrenal Cortex

Adenoma

Capsule, Hepatocholangiocarcinoma, Metastatic, Liver

Subcapsular, Adenoma

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
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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 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	+	+	+	+	+	+	+	+	+	+	+	+	+

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Seminal Vesicle Hepatocarcinoma, Metastatic, Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	X
Testes Interstitial Cell, Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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Experiment Number: 20303 - 06

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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	0	0	0	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	6	7	7	7	6	4	4	7	5	6	6	6	6	6	6
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
		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	1	1	1	1	1	1	1	1	1	2	2	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		
																											males (cont...)	

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	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													X																
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	M	M	M
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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 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	ANIMAL ID	males (cont...)
	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		
12.5 ppm	3	3	2	2	7	1	3	3	3	3	2	3	3	4	3	3	3	4	2	2	0	0	4	5	3	3	0	
	0	0	9	6	0	4	1	1	1	0	0	1	1	1	0	0	0	8	8	9	8	8	9	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	
	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	1	1	1	1	1	1	1	1	1	1	2	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	5		

Fibrous Histiocytoma
 Histiocytic Sarcoma

X

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skeletal Muscle																										+
Hepatocellular Carcinoma, Metastatic, Liver																										X
Rhabdomyosarcoma																										

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Alveolar/Bronchiolar Adenoma									X										X							
Alveolar/Bronchiolar Carcinoma																			X			X				
Hepatocellular Carcinoma, Metastatic, Liver																			X							
Hepatocellular Carcinoma, Metastatic, Liver																									X	
Rhabdomyosarcoma, Metastatic, Skeletal Muscle																										
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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 X .. Lesion present
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Experiment Number: 20303 - 06

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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	0729	0722	0570	0554	0771	0773	0777	0777	0777	0777	0777	0777	0664	0773	0773	0664	0442	0722	0550	0664	0665	0663	0667	
	ANIMAL ID	0040	0004	0004	0004	0004	0004	0004	0004	0004	0004	0004	0004	0004	0004	0004	0004	0004	0004	0004	0004	0004	0004	0004	0004	0004	

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma		X		X							X					X							X		
Carcinoma																		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
Renal Tubule, Adenoma, Multiple																					X				
Renal Tubule, Carcinoma	X			X							X	X			X	X					X			X	
Renal Tubule, Carcinoma, Multiple																					X				
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

SYSTEMIC LESIONS

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

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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	0600	0404	0731	0604	0729	0731	0729	0729	0479	0779	0779	0726	0779	0779	0779	0599	0729	0739	0739	0739	0649	0590	* 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	
		04	04	02	04	04	04	04	04	04	04	04	04	04	04	04	04	04	04	04	04	04	04	

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Intestine Small, Duodenum Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						X		47 1
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Intestine Small, Jejunum Lymphoma Malignant	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			X			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			X									11	
Hepatocellular Carcinoma, Multiple			X	X								X										X		4	
Hepatocholangiocarcinoma								X																2	

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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

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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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	* TOTALS
		6	4	7	6	7	7	7	7	4	7	7	7	6	7	7	7	5	7	7	7	7	6	
ANIMAL ID		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	
		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	
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	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	00442	00442	00442	00442	00442	00442	00442	00442	00442	00442	00442	00442	00442	00442	00442	00442	00442	00442	00442	00442	00442		
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 Hepatocholangiocarcinoma, 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
 Time Report Requested: 12:08:14
 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	0629	0739	0730	0599	0739	0739	0733	0733	0733	0640	0760	0509	* 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																								* TOTALS
	0 6 0 0	0 4 0 4	0 7 3 1	0 6 0 4	0 7 2 9	0 7 3 1	0 7 2 9	0 7 2 9	0 4 2 9	0 7 2 9	0 7 3 0	0 7 3 0	0 6 2 6	0 7 2 9	0 7 3 1	0 7 3 0	0 5 9 9	0 7 2 3	0 7 2 9	0 7 3 0	0 7 3 0	0 6 3 4	0 5 4 0		
ANIMAL ID		0 0 4 2 6	0 0 4 2 7	0 0 4 2 8	0 0 4 2 9	0 0 4 3 0	0 0 4 3 1	0 0 4 3 2	0 0 4 3 3	0 0 4 3 3	0 0 4 3 3	0 0 4 3 3	0 0 4 3 3	0 0 4 3 3	0 0 4 3 3	0 0 4 4 4	0 0 4 4 4	0 0 4 4 4	0 0 4 4 4	0 0 4 4 4	0 0 4 4 4	0 0 4 4 4	0 0 4 4 4	0 0 4 4 5	0 0 4 4 0

Fibrous Histiocytoma X 1
 Histiocytic Sarcoma 1

MUSCULOSKELETAL SYSTEM

Bone + 50
 Skeletal Muscle + 2
 Hepatocholangiocarcinoma, Metastatic, Liver 1
 Rhabdomyosarcoma X 1

NERVOUS SYSTEM

Brain + 50

RESPIRATORY SYSTEM

Larynx + 50
 Lung + 50
 Alveolar/Bronchiolar Adenoma X X 8
 Alveolar/Bronchiolar Carcinoma X X X 8
 Hepatocellular Carcinoma, Metastatic, Liver 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
 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	0600	0440	0773	0660	0772	0773	0772	0779	0442	0772	0773	0772	0660	0772	0773	0773	0599	0772	0773	0773	0773	0664	0590	* TOTALS
	ANIMAL ID	00426	00442	00442	00442	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00445	

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Adenoma															X	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		X					17
Renal Tubule, Carcinoma, Multiple																	X								3
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

SYSTEMIC LESIONS

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

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 + .. Tissue examined microscopically
 X .. Lesion present
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 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	
		5	7	7	7	7	7	5	4	5	6	5	7	7	5	7	6	5	7	6	7	6	6	7	6	
		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	
	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	
		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	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...)

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	+	+	+	+	+	+	+	A	+	+	A	A	+	A	A	+	+	+	+	+	+	+	+	+
Carcinoma				X																				
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	ANIMAL ID																				males (cont...)			
		0532	0745	0770	0773	0777	0777	0777	0777	0777	0777	0777	0777	0777	0777	0777	0777	0777	0777	0777	0777		0777	0777	0777
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

Hepatocholangiocarcinoma, Metastatic, Liver																									
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	A	+	+	+	+	+	+	+	+	+
Hepatocholangiocarcinoma, Metastatic, Liver																									
Sarcoma, Metastatic, Stomach, Glandular												X													
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+
Squamous Cell Papilloma																									
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+
Hepatocholangiocarcinoma, Metastatic, Liver																									
Sarcoma												X													
Tooth																									+

CARDIOVASCULAR SYSTEM

Blood Vessel	+				+																				
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma																									

ENDOCRINE SYSTEM

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

		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DAY ON TEST		5	7	7	7	7	7	5	4	5	6	5	7	7	5	7	6	5	7	6	7	6	6	7	6	6	7	6	6	7	6	7	6	7	6	7	6	
		3	0	0	3	3	3	2	3	7	3	4	0	3	2	2	3	6	2	2	2	2	7	6	2	2	7	6	2	2	2	2	2	2	2	2	2	
		2	4	5	0	0	1	9	7	1	7	3	8	1	0	5	9	5	3	9	0	0	9	3	9	2	3	2	9	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	0	0	0	0	0	0	0	0	0	0	0	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	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	1	1	1	2	2	2	2	2	2	2	2	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	6	7	8	9	0	1	2	3	4	5	6	7
																											males											
																											(cont...)											
Pheochromocytoma Benign																											X											
Islets, Pancreatic		+																									A											
Hepatocarcinoma, Metastatic, Liver		+																																				
Parathyroid Gland		M M + + M M M M + M + + + M + M M M M + + + M M																																				
Pituitary Gland		+																									M + +											
Thyroid Gland		+																									M + +											
GENERAL BODY SYSTEM																																						
NONE																																						
GENITAL SYSTEM																																						
Epididymis		+																																				
Preputial Gland		+																																				
Prostate		+																																				
Hepatocarcinoma, Metastatic, Liver		+																																				
Seminal Vesicle		+																																				
Testes		+																																				
Hemangioma																											X											
Interstitial Cell, Adenoma																											X											
HEMATOPOIETIC SYSTEM																																						

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient 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																							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	
25 ppm	5	7	7	7	7	7	7	5	4	5	6	5	7	7	5	7	6	5	7	6	7	6	7	
	3	0	0	3	3	3	2	3	7	7	3	4	0	3	2	2	3	6	2	2	7	6	2	
	2	4	5	0	0	1	9	7	1	7	3	8	1	0	5	9	5	3	9	0	9	3	2	
	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	
	0	0	0	0	0	0	0	0	0	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	
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	
Histiocytic Sarcoma																								
Lymph Node, Mandibular	+	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	+	+	+	
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung				X																				
Hepatocarcinoma, Metastatic, Liver																								
Histiocytic Sarcoma																								
Lymph Node, Mesenteric	M	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+		
Carcinoma, Metastatic, Intestine Small, Duodenum																								
Hepatocarcinoma, Metastatic, Liver																								
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemangiosarcoma														X	X	X								
Thymus	M	M	M	M	+	M	+	M	M	+	M	M	+	+	+	M	+	M	+	+	M	+	M	

INTEGUMENTARY SYSTEM

Mammary Gland

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...)	
	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	7		6
ANIMAL ID	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	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
6	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	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
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibrous Histiocytoma																								
Subcutaneous Tissue, Schwannoma Malignant																						X		
MUSCULOSKELETAL SYSTEM																								
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle																								
Hemangiosarcoma																								
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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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+ .. Tissue examined microscopically
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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																					males (cont...)
	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 7 7	0 6 3 3	0 5 4 8	0 7 0 1	0 7 3 5	0 7 2 9	0 6 3 5	0 5 6 3	0 7 2 9	0 6 2 0	0 6 7 9	0 6 2 3	
25 ppm	ANIMAL ID																					
	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 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	
Trachea	+																					
SPECIAL SENSES SYSTEM																						
Eye	+																					
Harderian Gland Adenoma	+																					
	X																					
URINARY SYSTEM																						
Kidney	+																					
Hepatocellular Carcinoma, Metastatic, Liver																						
Hepatocholangiocarcinoma, Metastatic, Liver																						
Bilateral, Renal Tubule, Carcinoma																						
Capsule, Sarcoma, Metastatic, Stomach, Glandular																						
Renal Tubule, Adenoma																						
Renal Tubule, Carcinoma																						
Urinary Bladder	+																					
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	06	05	06	06	07	04	07	07	06	05	07	05	07	06	07	05	05	07	05	07	06	07	05	04	07	04	07	03	03	* TOTALS
		93	63	01	63	31	25	30	29	19	27	30	71	31	17	29	75	84	30	89	00	30	45	30	49	00	73	40	00		
	25 ppm	ANIMAL ID	00626	00666	00666	00666	00666	00666	00666	00666	00666	00666	00666	00666	00666	00666	00666	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	A	+	A	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	A	+	A	A	+	+	+	+	38		
Carcinoma		X																											2		
Intestine Small, Ileum	+	+	A	+	+	+	+	+	A	+	+	+	+	+	+	+	A	+	+	+	+	A	+	A	A	+	+	+	+	39	
Intestine Small, Jejunum	+	+	A	+	+	+	+	+	A	+	+	+	+	+	+	+	A	+	+	+	+	A	+	A	A	+	+	+	+	39	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hemangiosarcoma																														3	
Hepatocellular Adenoma																	X				X									12	
Hepatocellular Adenoma, Multiple	X	X			X				X	X	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		
Hepatocholeangiocarcinoma		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
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 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	0771	0745	0770	0779	0669	0557	0753	0773	0661	0776	0554	0758	0538	0738	0573	0674	0753	0434	0734	0549		0470	0730	
ANIMAL ID	00626	00666	00666	00666	00666	00666	00666	00666	00666	00666	00666	00666	00666	00666	00666	00666	00666	00666	00666	00666	00666	00666	00666	00666	00666	00666		
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	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	ANIMAL ID	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30

Pheochromocytoma Benign

1

Islets, Pancreatic
 Hepatocholangiocarcinoma, Metastatic, Liver

+
 X
 49
 1

Parathyroid Gland

+ 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
 Hepatocholangiocarcinoma, Metastatic, Liver

+
 X
 50
 1

Seminal Vesicle + 50

Testes
 Hemangioma
 Interstitial Cell, Adenoma

+
 50
 1
 1

HEMATOPOIETIC SYSTEM

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Vinylidene chloride
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 Lab: BNW

| B6C3F1 MICE MALE
25 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|--|
| | 0693 | 0563 | 0661 | 0663 | 0731 | 0742 | 0772 | 0779 | 0659 | 0577 | 0573 | 0671 | 0676 | 0751 | 0755 | 0584 | 0738 | 0583 | 0738 | 0645 | 0734 | 0543 | 0747 | 0473 | | |
| ANIMAL ID | 00626 | 00662 | 00662 | 00662 | 00633 | 00633 | 00633 | 00633 | 00633 | 00633 | 00633 | 00633 | 00633 | 00644 | 00644 | 00644 | 00644 | 00644 | 00644 | 00644 | 00644 | 00644 | 00644 | 00644 | | |
| Bone Marrow Hemangiosarcoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 502 | | |
| Lymph Node Pancreatic, Sarcoma, Metastatic, Stomach, Glandular | | | | | | | | | | | | | | + | | | | | | | | | | 21 | | |
| Lymph Node, Bronchial Histiocytic Sarcoma | + | + | + | + | M | + | M | M | + | + | M | + | M | M | + | M | + | M | + | M | M | M | M | 191 | | |
| Lymph Node, Mandibular | + | + | M | + | M | + | M | + | + | + | + | + | + | M | + | + | M | + | + | + | M | + | M | 25 | | |
| Lymph Node, Mediastinal Alveolar/Bronchiolar Carcinoma, Metastatic, Lung | M | M | + | + | M | I | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | 381 | | |
| Hepatocholangiocarcinoma, Metastatic, Liver Histiocytic Sarcoma | | | | | | | | | | | | | | | X | | | | | | | | | 11 | | |
| Lymph Node, Mesenteric Carcinoma, Metastatic, Intestine Small, Duodenum | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 471 | | |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | X | | | | | | | | | 1 | | |
| Spleen Hemangiosarcoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 504 | | |
| 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 | 1 | |

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 + .. Tissue examined microscopically
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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
25 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|--|--|
| | 0693 | 0566 | 0666 | 0777 | 0444 | 0777 | 0666 | 0555 | 0777 | 0666 | 0555 | 0777 | 0666 | 0555 | 0777 | 0666 | 0555 | 0777 | 0666 | 0555 | 0777 | 0666 | | 0555 | 0777 | | |
| | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 00626 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Fibrous Histiocytoma | | | | | | | | | | | | | X | | | | | | | | | | | X | 2 | | |
| Subcutaneous Tissue, Schwannoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | 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 | 4 | | | |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | 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 | | ANIMAL ID | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | |
|--|-------------|------|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|------|------|------|
| | 0693 | 0563 | 0663 | 0773 | 0475 | 0770 | 0779 | 0652 | 0577 | 0753 | 0751 | 0676 | 0771 | 0573 | 0754 | 0558 | 0733 | 0583 | 0734 | 0570 | 0754 | 0675 | | 0754 | 0679 | 0547 | 0730 |
| 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

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
3
1 | 0
7
3
1 | 0
7
3
2 | 0
7
3
2 | 0
5
0
9 | 0
7
3
3 | 0
7
3
3 | 0
6
0
5 | 0
3
2
5 | 0
7
3
1 | 0
7
3
3 | 0
7
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3 | 0
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2 | 0
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2 | 0
5
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2 | 0
7
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3 | 0
6
3
5 | 0
7
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3 | 0
7
2
6 | 0
7
3
2 | 0
7
3
3 | 0
7
3
2 | 0
7
3
3 | 0
7
3
4 | females
(cont...) |
| | ANIMAL ID | 0
0
1
0
1 | 0
0
1
0
2 | 0
0
1
0
3 | 0
0
1
0
4 | 0
0
1
0
5 | 0
0
1
0
6 | 0
0
1
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7 | 0
0
1
0
8 | 0
0
1
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9 | 0
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1
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2 | |

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 | X | | X | | | X | X | X | | | | | | | | | | | | X | | X | X | X | | |
| Hepatocellular Adenoma, Multiple | | | | | X | | | | | | | | X | | X | X | X | | | | | | | | | |
| Hepatocellular Carcinoma | | | | | | X | | | | | | | | | | | | | | | | | X | X | | |
| Hepatocellular Carcinoma, Multiple | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | X |
| 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
Control | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|
| | 0731 | 0731 | 0732 | 0732 | 0759 | 0773 | 0773 | 0765 | 0733 | 0771 | 0773 | 0773 | 0773 | 0773 | 0752 | 0773 | 0766 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0744 | 0744 | |
| ANIMAL ID | 0010 | 0011 | 0012 | 0013 | 0014 | 0015 | 0016 | 0017 | 0018 | 0019 | 0020 | 0021 | 0022 | 0023 | 0024 | 0025 | 0026 | 0027 | 0028 | 0029 | 0030 | 0031 | 0032 | 0033 | 0034 | 0035 |
| 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
Control | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) | |
|-------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------------------|--|
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0 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 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 | 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 | |

Polyp Stromal

X

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymph Node | | | | | | + | | | | | | + | | + | | | | | | + | | | | | |
| Iliac, Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | |
| Iliac, Renal, Lymphoma Malignant | | | | | | | | | | | | | | X | | | | | | | | | | | |
| Lumbar, Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | X | | |
| 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

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 | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | |
|-----------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|----------------------|------------------|
| | 0
7
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6 | 0
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2 | 0
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3 | 0
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2 | 0
7
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3 | | | 0
4
4
0 |
| Lymphoma Malignant | | | 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 | 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 | |
| Control | | 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 | 3 | 5 | 3 | 3 | 6 | 2 | 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 | |
| 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 | 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 | 7 | 7 | 6 | 3 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | | 4 |
| Control | DAY ON TEST | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 0 | 2 | 3 | 3 | 3 | 3 | 7 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | |
| | ANIMAL ID | 1 | 1 | 2 | 2 | 9 | 3 | 3 | 5 | 5 | 1 | 3 | 3 | 2 | 2 | 3 | 5 | 3 | 3 | 6 | 2 | 3 | 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 | 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 | | |
| | | 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 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Lymphoma Malignant | | | | | | | | X | | | | | | | | | | | | X | | | | | | |

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
 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 | 001 | 002 | 003 | 004 | 005 | 006 | 007 | 008 | 009 | 010 | 011 | 012 | 013 | 014 | 015 | 016 | 017 | 018 | 019 | 020 | 021 | 022 | 023 | 024 | 50 |

ALIMENTARY SYSTEM

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

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|-------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|---|---|
| B6C3F1 MICE FEMALE
Control | 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 | 6 | 7 | 7 | 7 | 7 | 5 | 7 | 6 | 6 | 6 | 7 | 4 | 7 | 7 | 7 | 7 | 5 | 7 | 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 | 3 | |
| | 1 | 2 | 2 | 1 | 3 | 7 | 3 | 2 | 1 | 2 | 9 | 2 | 1 | 9 | 8 | 2 | 1 | 2 | 1 | 2 | 2 | 0 | 3 | 3 | 3 | |
| | 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 | |
| | | 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 | 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 |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | 10 | | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Duct, Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Myxoma | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Stomach, Glandular | | | | | | | | | | | | | | | | | | | | | | | | 49 | | |
| Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Heart | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Subcapsular, Adenoma | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Adrenal Medulla | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Pheochromocytoma Benign | | | | | | | | | | | | | | | | | | | | | | | | 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
Control | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS |
|-------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|
| | 0731 | 0732 | 0733 | 0734 | 0735 | 0736 | 0737 | 0738 | 0739 | 0740 | 0741 | 0742 | 0743 | 0744 | 0745 | 0746 | 0747 | 0748 | 0749 | 0750 | |
| ANIMAL ID | 001 | 002 | 003 | 004 | 005 | 006 | 007 | 008 | 009 | 010 | 011 | 012 | 013 | 014 | 015 | 016 | 017 | 018 | 019 | 020 | |
| | 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 | |
| | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 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 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------|
| Pheochromocytoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | X | 1 |
| Islets, Pancreatic Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 50
1 |
| Parathyroid Gland | M | + | M | M | M | + | M | + | + | M | + | M | + | + | M | M | + | M | M | + | M | + | M | M | M | | 24 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 50 |
| Lymphoma Malignant Pars Distalis, Adenoma | | | | | | | | | | | X | | | | | | | | | | | | | | | X | 2
8 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 50 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|----|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | M | + | + | M | + | + | + | M | | 45 |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 50 |
| Cystadenoma | | | | | | | | | | | | | | | | | | | | | | | | | X | | 1 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Luteoma | | | X | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 50 |
| Hemangiosarcoma | | | X | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | X | | 2 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | 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 | | | | | | | | | | | | | | | | | | | | | | | | * 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 | | 0755 | |
| 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 | 00150 | | |
| 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 | M | + | 25 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Lymph Node, Mandibular | + | + | M | + | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 |
| Lymph Node, Mesenteric | + | + | M | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | 47 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | 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
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 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 | 0755 | |
| Control | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
| | 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 | |
| Lymphoma Malignant | | | X | X | | | | | | X | | | | | | X | | | | X | | | | X | | 12 |
| Thymus | + | + | + | + | + | + | M | + | + | + | + | + | + | M | + | + | + | + | M | + | + | + | + | + | + | 47 |
| Lymphoma Malignant | X | | | | | | | | | | | | | | X | | | | | | | | | | X | 10 |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland Carcinoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Subcutaneous Tissue, Fibrosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Subcutaneous Tissue, Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Peripheral Nerve | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Spinal Cord | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| 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 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|
| | 0731 | 0732 | 0733 | 0734 | 0735 | 0736 | 0737 | 0738 | 0739 | 0740 | 0741 | 0742 | 0743 | 0744 | 0745 | 0746 | 0747 | 0748 | 0749 | 0750 | |
| Control | ANIMAL ID | | | | | | | | | | | | | | | | | | | | |
| | 001 | 002 | 003 | 004 | 005 | 006 | 007 | 008 | 009 | 010 | 011 | 012 | 013 | 014 | 015 | 016 | 017 | 018 | 019 | 020 | |
| 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 | 0 | 0 | * TOTALS |
|-------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | ANIMAL ID | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 5 | 7 | 6 | 6 | 6 | 7 | 4 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | | |
| Control | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 9 | 3 | 1 | 4 | 2 | 3 | 9 | 3 | 3 | 3 | 3 | 9 | 3 | 3 | 3 | | |
| | 1 | 2 | 2 | 1 | 3 | 7 | 3 | 2 | 1 | 2 | 9 | 2 | 1 | 9 | 8 | 2 | 1 | 2 | 1 | 2 | 2 | 0 | 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 | 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 | | |
| | 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 | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Multiple Organ | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Histiocytic Sarcoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 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
 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 | 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 | 6 | 5 | 5 | 7 | 7 | 6 | 5 | 5 | 7 | 7 | 6 | 5 | 5 | 7 | 7 |
| | 6.25 ppm | 7 | 0 | 3 | 3 | 1 | 7 | 3 | 3 | 7 | 3 | 3 | 8 | 3 | 9 | 1 | 3 | 5 | 3 | 3 | 3 | 3 | 9 | 9 | 2 | 3 | 9 | 9 | 2 | 3 | 9 | 9 | 2 | 3 | 9 | 9 | 2 | 3 | 9 | 9 | 2 |
| | 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 |
| | 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 | 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 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 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 |
| | | 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 | 8 | 9 | 0 |
| | | females (cont...) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

ALIMENTARY SYSTEM

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

* .. 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 | | | | | | | | | | | | | | | | | | | | | females
(cont...) | | | | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|---|
| | 0
4
7
8 | 0
6
0
0 | 0
7
3
2 | 0
7
3
2 | 0
7
1
9 | 0
4
7
8 | 0
7
3
3 | 0
7
3
1 | 0
6
7
2 | 0
7
3
2 | 0
7
3
3 | 0
5
8
2 | 0
7
3
3 | 0
6
9
0 | 0
6
1
0 | 0
7
3
1 | 0
5
5
8 | 0
7
3
3 | 0
7
3
1 | 0
6
9
0 | 0
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0 | | 0
5
2
9 | 0
7
3
2 | | |
| ANIMAL ID | 0
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1 | 0
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3 | 0
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4 | 0
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3
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3 | 0
0
3
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4 | 0
0
3
0
5 | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | X |
| Lymphoma Malignant | | X | X | | | | | | | | | | | | X | | | | | X | | | | | | X |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymphoma Malignant | | X | | | | | | | | | | | | | | | | | | | | | | | | |
| Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymphoma Malignant | | X | | | | | | | | | | | | | | | | | | | | | | | | |
| Sarcoma, Metastatic, Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymphoma Malignant | | | X | | | | | | | | | | | | | X | | | | | | | | | | |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Squamous Cell Papilloma | | | | | | | | | | | | X | | | | | | | | | | X | | | | |
| Stomach, Glandular | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tooth | | | | | | | | | | | | | | | | | | | | | | | | | | |

CARDIOVASCULAR SYSTEM

Blood Vessel

+

Heart

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 | 0 | 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 | 4 | 6 | 7 | 7 | 7 | 4 | 7 | 7 | 6 | 7 | 7 | 5 | 7 | 6 | 6 | 7 | 5 | 7 | 7 | 7 | 6 | 5 | 5 | 7 | | |
| 6.25 ppm | | 7 | 0 | 3 | 3 | 1 | 7 | 3 | 3 | 7 | 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 | 0 | 0 | 1 | 8 | 3 | 1 | 1 | 0 | 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 | 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 | | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | | | |

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 | | | | | |
| Hepatocarcinoma, 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
6.25 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|---|--|----------------------|
| | 0
4
7
8 | 0
6
0
0 | 0
7
3
2 | 0
7
3
2 | 0
7
1
9 | 0
4
7
8 | 0
7
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3 | 0
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1 | 0
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8 | 0
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3
3 | 0
7
3
1 | 0
6
9
0 | 0
5
9
0 | 0
5
2
9 | 0
7
3
2 | | | |
| 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 | | |
| | 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 | | |
| 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 | | | |
| Hepatocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymphoma Malignant | | X | X | | | | | | | | X | | | X | | | | | | X | | | X | | | |
| Myxosarcoma, Metastatic, Skin | | | | X | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | + | + | + | M | + | 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 | | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------|
| | 0
4
7
8 | 0
6
0
0 | 0
7
3
2 | 0
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4
7
8 | 0
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2 | 0
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2 | 0
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3 | 0
6
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5
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8 | 0
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3
3 | 0
7
3
1 | 0
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5
9
0 | 0
5
2
9 | 0
7
3
2 | | | |
| ANIMAL ID | 0
0
3
0
1 | 0
0
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2 | 0
0
3
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3 | 0
0
3
0
4 | 0
0
3
0
5 | 0
0
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6 | 0
0
3
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7 | 0
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3
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8 | 0
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1 | 0
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2 | 0
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3
2
2 | 0
0
3
2
2 | 0
0
3
2
3 | 0
0
3
2
4 | 0
0
3
2
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 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | X | | |
| Subcutaneous Tissue, Fibrosarcoma | | | | | | | | | | | | | | | | | | | | | | | X | | |
| Subcutaneous Tissue, Myxosarcoma | | | | X | | | | | | | | | | | | | | | | | | | | | |
| Subcutaneous Tissue, 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6.25 ppm | ANIMAL ID | 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 | 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 | 3 | 3 |
| | | 8 | 0 | 2 | 2 | 9 | 8 | 3 | 1 | 3 | 2 | 2 | 3 | 3 | 0 | 0 | 1 | 8 | 3 | 1 | 1 | 0 | 0 | 9 | 2 | 3 | 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 | 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 | 3 |
| | | 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 | 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 | 6 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
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2 | 0
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3 | 0
5
8
2 | 0
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3 | 0
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7
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7
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0 | 0
5
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0 | 0
5
2
9 | 0
7
3
2 | | | | |
| | | ANIMAL ID | | | | | | | | | | | | | | | | | | | | females
(cont...) | | | | | | | | |
| | | 0
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1 | 0
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3
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2 | 0
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3
2
2 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | X | | | | | | | | |
| Trachea | | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adenoma | | + | | | | | | | | | | | | | | | | | | | | X | | | | | | | | |
| Carcinoma | | + | | | | | | | | | | | | | | | | | | | | X | | | | | | | | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | X | | | | | | | | |
| Lymphoma Malignant | | X | | | | | | | | | | | | | | | | | | | | X | | | | | | | | |
| Urinary Bladder | | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymphoma Malignant | | + | | | | | | | | | | | | | | | | | | | | X | | | | | | | | |
| 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
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 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 | 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
7 | 0
6 | 0
7 | 0
6 | 0
7 | 0
6 |
| 6.25 ppm | ANIMAL ID | 3
2 | 3
2 | 3
2 | 3
2 | 7
0 | 3
0 | 4
6 | 4
2 | 6
9 | 3
2 | 5
5 | 2
3 | 3
4 | 5
2 | 3
4 | 8
4 | 9
6 | 3
3 | 0
3 | 3
2 | 3
2 | 3
3 | 4
8 | 3
3 | 4
3 | 6
3 | |
| | | 0
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3
2
6 | 0
0
3
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5 | 0
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6 | 0
0
3
4
7 | 0
0
3
4
8 | 0
0
3
4
9 | 0
0
3
4
0 | | |
| | * TOTALS | | | | | | | | | | | | | | | | | | | | | | | | | | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|-----------------------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Gallbladder Lymphoma Malignant | + | + | | + | + | + | + | + | + | + | + | + | | A | + | | A | + | + | + | + | + | + | + | + | + | + | 43
3 |
| Intestine Large, Cecum Hepatocholangiocarcinoma, Metastatic, Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | | + | | | | | | | | | | | 48
1 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | | A | + | + | + | + | + | + | + | + | + | + | 47 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | | A | + | + | + | + | + | + | + | + | + | + | 47 |
| Intestine Small, Duodenum Hepatocholangiocarcinoma, Metastatic, Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | | A | + | + | + | + | + | + | + | + | + | + | 47
1 |
| Intestine Small, Ileum Carcinoma | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | | + | + | + | + | + | + | + | + | + | + | + | 48
1 |
| Intestine Small, Jejunum Lymphoma Malignant | + | + | + | + | + | + | + | + | A | + | + | + | + | A | + | | + | + | + | + | + | + | + | + | + | + | + | 47
1 |
| Liver Hemangioma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
1 |
| Liver Hemangiosarcoma | | | | | | | | | | | | | | | | | | X | | | | | | | | | 1 | |
| Liver Hepatocellular Adenoma | | | X | | X | X | X | | X | X | | | | | | | X | | | | | | | | | | X | 12 |
| Liver Hepatocellular Adenoma, Multiple | | | | | | | | | | | | | X | | | | | | | X | | X | X | | | | 9 | |
| Liver Hepatocellular Carcinoma | | | | | | | X | | X | X | | | | | | | | | | X | | X | X | | | | | 12 |
| Liver Hepatocellular Carcinoma, Multiple | | | | | | | | | | | | | | | | | X | | | | | | | | | | | 2 |
| Liver Hepatocholangiocarcinoma | | | | | | | | | | | | | | | | | | | | | 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
6.25 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | |
|---|-------------|-----------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------|------------------|------------------|------------------|------------------|------------------|---|
| | ANIMAL ID | ANIMAL ID | 0
7
3
2 | 0
7
3
3 | 0
7
3
3 | 0
4
7
1 | 0
7
3
2 | 0
6
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6 | 0
6
4
2 | 0
6
4
9 | 0
5
6
3 | 0
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9
2 | 0
7
0
5 | 0
7
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2 | 0
7
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4 | 0
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5
2 | 0
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4 | 0
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6 | 0
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8 | | 0
7
3
3 | 0
6
4
3 | 0
7
3
8 | 0
6
3
9 | 0
7
4
0 | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Sarcoma, Metastatic, Mesentery | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | 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

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 | 0 | 0 | 0 | 0 | * TOTALS |
| | 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 | |
| | 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 | 3 | 3 | 3 | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|-----------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Lymphoma Malignant | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | | + | + | + | + | 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 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | | | | | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|-------|-------|-------|-------|----|---|
| | 0732 | 0733 | 0733 | 0737 | 0733 | 0730 | 0734 | 0734 | 0736 | 0739 | 0732 | 0735 | 0732 | 0733 | 0734 | 0735 | 0738 | 0739 | 0733 | 0733 | 0732 | 0733 | 0733 | 0738 | | 0733 | 0734 | 0737 | 0736 | 0737 | 0738 | 0739 | 0730 | | |
| 6.25 ppm | 00326 | 00337 | 00338 | 00301 | 00302 | 00300 | 00300 | 00300 | 00300 | 00300 | 00300 | 00300 | 00300 | 00300 | 00300 | 00300 | 00300 | 00300 | 00300 | 00300 | 00300 | 00300 | 00300 | 00300 | 00300 | 00300 | 00300 | 00300 | 00300 | 00300 | 00300 | 00300 | 00300 | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Hemangioma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Polyp Stromal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 11 | |
| Deep Cervical, Iliac, Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Deep Cervical, Iliac, Renal, Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Deep Cervical, Lumbar, Renal, Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Iliac, Renal, Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Lumbar, Renal, Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Pancreatic, Renal, Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Renal, Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Lymph Node, Bronchial | + | + | + | + | + | M | + | M | + | M | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 38 | | |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 | |
| Myxosarcoma, Metastatic, Skin | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Lymph Node, Mandibular | + | + | M | M | + | + | M | M | + | M | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 35 | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 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
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 | 0 | * TOTALS | |
|--------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|---|
| | ANIMAL ID | 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 |
| | | 3 | 3 | 3 | 7 | 3 | 0 | 4 | 4 | 6 | 9 | 0 | 3 | 3 | 5 | 3 | 8 | 9 | 3 | 0 | 3 | 3 | 3 | 4 | 3 | 4 | |
| | | 2 | 3 | 3 | 1 | 2 | 6 | 2 | 9 | 3 | 2 | 5 | 2 | 3 | 4 | 2 | 4 | 6 | 3 | 3 | 2 | 2 | 3 | 3 | 8 | 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 | |
| | | 0 | 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 | |
| | | 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 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Lymph Node, Mediastinal | M | M | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | 45 |
| Carcinoma, Metastatic, Harderian Gland | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | X | | | | | | | 1 |
| Lymphoma Malignant | | | X | | | | | X | X | | X | | | | | | | | | | | | X | | 10 |
| Myxosarcoma, Metastatic, Skin | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | X | | | | | | 1 |
| Lymphoma Malignant | | | X | | | | | X | | X | | | | | | | | | | | | | X | X | 11 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Hemangiosarcoma | | | | X | | | | | | | | | | | | | | | | | | | | | 3 |
| Lymphoma Malignant | X | X | X | | | | | | X | X | | X | | | | | | X | | | | X | X | | 17 |
| Thymus | + | + | + | + | + | + | + | M | + | + | M | + | + | M | + | + | + | + | + | + | + | + | + | + | 44 |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | X | | | | | | 1 |
| Lymphoma Malignant | X | X | X | | | | | | X | | | X | | | | | | X | | | | | X | | 12 |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Fibrous Histiocytoma | | | | | | | | | X | | | | | | | | | | | | | | | | 2 |
| Lymphoma Malignant | | | | | | | | | X | | | | | | | | | | | | | | | | 1 |
| Subcutaneous Tissue, Fibrosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Subcutaneous Tissue, Myxosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Subcutaneous Tissue, 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 | DAY ON TEST | 0732 | 0733 | 0733 | 0473 | 0673 | 0666 | 0666 | 0555 | 0555 | 0777 | 0777 | 0777 | 0575 | 0775 | 0575 | 0575 | 0776 | 0777 | 0777 | 0676 | 0776 | 0776 | 0676 | 0776 | 0776 | |
| | ANIMAL ID | 0032 | 0033 | 0033 | 0001 | 0002 | 0002 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | |
| 6.25 ppm | | 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 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Skeletal Muscle | | | | | + | | | | | | | | | | | | | | | | + | | | | | | 3 |
| Hemangiosarcoma | | | | | X | | | | | | | | | | | | | | | | | | | | | | 1 |
| Hepatocolangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | 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 |
| Hepatocolangiocarcinoma, 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
6.25 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | | | | | | |
|--------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| | 0732 | 0733 | 0733 | 0471 | 0732 | 0662 | 0669 | 0663 | 0553 | 0552 | 0775 | 0773 | 0773 | 0555 | 0773 | 0559 | 0553 | 0884 | 0663 | 0773 | | 0773 | 0667 | 0776 | 0773 | 0664 | 0773 | 0668 | 0773 | 0664 | 0779 | 0660 |
| ANIMAL ID | 00326 | 00337 | 00338 | 00331 | 00332 | 00333 | 00333 | 00333 | 00333 | 00333 | 00333 | 00333 | 00333 | 00333 | 00333 | 00333 | 00333 | 00333 | 00333 | 00333 | 00333 | 00333 | 00333 | 00333 | 00333 | 00333 | 00333 | 00333 | 00333 | 00333 | 00333 | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | I | + | + | + | + | + | + | + | + | + | 49 | | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Adenoma | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | 5 | | |
| Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | 2 | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Lymphoma Malignant | | | | X | | | | | | | | | X | | | | | | | | | | | | | | | | X | | 6 | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Histiocytic Sarcoma | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | 2 | |
| Lymphoma Malignant | X | X | X | | | | | | X | X | X | X | | X | | | | | | | X | X | | | | | X | X | | | 20 | |

* .. 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 | |
| | | 7 | 6 | 7 | 7 | 6 | 6 | 7 | 3 | 7 | 7 | 7 | 5 | 6 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | |
| 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 | 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 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder
Lymphoma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum
Sarcoma, Metastatic, Skeletal Muscle | + | + | + | + | + | + | + | + | + | + | A | + | A | + | + | + | A | + | + | + | + | + | + | + |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | A | + | A | + | + | + | A | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | A | + | A | + | + | + | A | + | + | + | + | + | + | + |
| Intestine Small, Duodenum
Adenoma | + | + | + | + | + | + | + | + | + | + | A | + | A | + | + | + | A | + | + | + | + | + | + | + |
| Intestine Small, Ileum
Carcinoma | + | + | + | + | + | + | + | + | + | + | A | + | A | + | + | + | A | + | + | + | + | + | + | + |
| 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

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Species/Strain: MICE/B6C3F1

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 Vinylidene chloride
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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 |
|--------------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 7 | 6 | 7 | 7 | 6 | 6 | 7 | 3 | 7 | 7 | 7 | 5 | 6 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 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 |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | | 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 | 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 | 6 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | X |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sarcoma, Metastatic, Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sarcoma, Metastatic, Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Squamous Cell Papilloma | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sarcoma, Metastatic, Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Heart | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sarcoma, Metastatic, Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Medulla | | | | | | | | | | | | | | | | | | | | | | | | | | | |

females
(cont...)

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

M .. Missing tissue
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BLANK .. Not examined microscopically

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

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Vinylidene chloride

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Lab: BNW

| B6C3F1 MICE FEMALE
12.5 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
|---|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------------------|
| | 0
7
0
3 | 0
6
6
5 | 0
7
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2 | 0
7
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2 | 0
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2 | 0
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8 | 0
7
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2 | 0
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3 | 0
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| ANIMAL ID | | 0
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9 | 0
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0 | 0
0
0
1 | 0
0
0
2 | 0
0
0
3 | 0
0
0
4 | |
| Islets, Pancreatic
Adenoma | +
X X | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Parathyroid Gland | + M + M M M + + M M M + M M M + M + M + M M M + M | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pituitary Gland
Lymphoma Malignant
Pars Distalis, Adenoma
Pars Distalis, Carcinoma | + + + + + + + + + + + + + + M + + + + + + + + + +
X X X X | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thyroid Gland | + | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GENERAL BODY SYSTEM | NONE | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GENITAL SYSTEM | + + M + + + + + + + + + + + + + + M + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ovary
Cystadenoma
Hemangioma | +
X X | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Uterus
Histiocytic Sarcoma
Polyp Stromal | +
X | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
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| B6C3F1 MICE FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|
| | 0703 | 0665 | 0772 | 0772 | 0668 | 0667 | 0732 | 0732 | 0732 | 0732 | 0564 | 0667 | 0773 | 0773 | 0773 | 0666 | 0666 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0565 | |
| 12.5 ppm | 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 |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymph Node
Pancreatic, Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Bronchial
Hepatocholangiocarcinoma, Metastatic, Liver
Lymphoma Malignant | + | + | + | + | | M | + | M | + | M | + | + | + | + | + | + | + | + | + | M | + | + | + | M | |
| Lymph Node, Mandibular
Lymphoma Malignant | + | + | M | M | M | M | M | M | + | M | + | A | + | + | + | + | M | + | + | + | M | M | M | M | + |
| Lymph Node, Mediastinal
Hepatocholangiocarcinoma, Metastatic, Liver
Lymphoma Malignant
Sarcoma, Metastatic, Mesentery | M | M | + | + | + | + | + | + | + | + | M | + | + | + | + | M | + | + | + | + | + | + | + | + | |
| Lymph Node, Mesenteric
Lymphoma Malignant | + | M | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | |
| Spleen
Hemangiosarcoma
Lymphoma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Thymus
Lymphoma Malignant | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | M | + | + | + | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
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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...) |
|---|-----------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------|
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| B6C3F1 MICE FEMALE | ANIMAL ID | 7 | 6 | 7 | 7 | 6 | 6 | 7 | 3 | 7 | 7 | 7 | 5 | 6 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 |
| | | 0 | 6 | 3 | 3 | 3 | 6 | 3 | 9 | 3 | 3 | 3 | 2 | 2 | 0 | 3 | 3 | 5 | 1 | 3 | 3 | 3 |
| 12.5 ppm | | 3 | 5 | 2 | 2 | 2 | 8 | 2 | 2 | 3 | 3 | 4 | 0 | 4 | 3 | 2 | 3 | 1 | 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 |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 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 |
| 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
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 | 0 | 0 | females
(cont...) |
|--------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------|
| | ANIMAL ID | 7 | 6 | 7 | 7 | 6 | 6 | 7 | 3 | 7 | 7 | 7 | 5 | 6 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | |
| | | 0 | 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 | 5 | 2 | 2 | 2 | 8 | 2 | 2 | 2 | 3 | 3 | 4 | 0 | 4 | 3 | 2 | 3 | 1 | 2 | 3 | 2 | 3 | 3 | 2 | 6 | |
| | | 0 | 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 | 5 | 5 | |
| | | 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 | |

Lymphoma Malignant
 Sarcoma, Metastatic, Mesentery

Nose
 Carcinoma, Metastatic, Harderian Gland

Trachea

SPECIAL SENSES SYSTEM

Eye

Harderian Gland
 Adenoma
 Carcinoma

URINARY SYSTEM

Kidney

Urinary Bladder

SYSTEMIC LESIONS

Multiple Organ
 Histiocytic Sarcoma
 Lymphoma Malignant

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

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 Lab: BNW

| B6C3F1 MICE FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | |
|--------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|------|------|------|
| | 0648 | 0733 | 0667 | 0667 | 0733 | 0733 | 0733 | 0733 | 0833 | 0833 | 0933 | 0933 | 0933 | 0933 | 0933 | 0933 | 0933 | 0933 | 0933 | 0933 | | 0933 | 0933 | | |
| 12.5 ppm | 0026 | 0027 | 0028 | 0029 | 0030 | 0031 | 0032 | 0033 | 0034 | 0035 | 0036 | 0037 | 0038 | 0039 | 0040 | 0041 | 0042 | 0043 | 0044 | 0045 | 0046 | 0047 | 0048 | 0049 | 0050 |

ALIMENTARY SYSTEM

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

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 Species/Strain: MICE/B6C3F1

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 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
12.5 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|--------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|--|
| | 0648 | 0733 | 0672 | 0669 | 0772 | 0773 | 0773 | 0668 | 0771 | 0773 | 0773 | 0593 | 0773 | 0772 | 0566 | 0773 | 0773 | 0674 | 0773 | 0773 | 0773 | 0673 | 0673 | | | |
| ANIMAL ID | 00526 | 00552 | 00552 | 00552 | 00553 | 00553 | 00553 | 00553 | 00555 | 00555 | 00555 | 00555 | 00555 | 00555 | 00555 | 00555 | 00555 | 00555 | 00555 | 00555 | 00555 | 00555 | 00555 | 00555 | | |
| Lymphoma Malignant | | | X | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Mesentery | + | | | + | | | | + | + | + | + | | + | | | + | + | + | + | | | + | + | | 19 | |
| Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Sarcoma | X | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Sarcoma, Metastatic, Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Sarcoma, Metastatic, Mesentery | X | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Squamous Cell Papilloma | | | | | | | | | | | | | | | | | | | | | | | | X | 1 | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Sarcoma, Metastatic, Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Sarcoma, Metastatic, Mesentery | X | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hepatocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | X | | 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

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Lab: BNW

| B6C3F1 MICE FEMALE
12.5 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|--------------------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|------|
| | 0648 | 0733 | 0673 | 0673 | 0673 | 0673 | 0673 | 0673 | 0673 | 0673 | 0673 | 0673 | 0673 | 0673 | 0673 | 0673 | 0673 | 0673 | 0673 | 0673 | | 0673 | 0673 |
| ANIMAL ID | 00526 | 00552 | 00552 | 00552 | 00552 | 00552 | 00552 | 00552 | 00552 | 00552 | 00552 | 00552 | 00552 | 00552 | 00552 | 00552 | 00552 | 00552 | 00552 | 00552 | 00552 | 00552 | |
| | Islets, Pancreatic Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 502 |
| Parathyroid Gland | + | M | + | + | + | M | + | M | M | M | M | + | M | + | + | + | M | + | + | M | M | M | 21 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | 48 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | 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 |

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

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12.5 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|--|
| | 0648 | 0733 | 0679 | 0672 | 0773 | 0773 | 0678 | 0771 | 0773 | 0773 | 0579 | 0773 | 0771 | 0576 | 0673 | 0673 | 0773 | 0773 | 0678 | 0773 | 0773 | 0773 | 0675 | 0773 | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Lymph Node, Bronchial | + | + | + | + | M | + | + | + | M | M | + | M | + | + | + | + | M | + | + | + | + | M | + | M | 38 | |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Lymphoma Malignant | | X | | | | | | 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 | |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | | 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
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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 | * TOTALS |
|---|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| | | 6 | 7 | 6 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 5 | 7 | 7 | 5 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | |
| 12.5 ppm | 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 | 5 |
| | | 8 | 3 | 0 | 9 | 2 | 3 | 3 | 9 | 1 | 3 | 1 | 9 | 1 | 2 | 6 | 3 | 3 | 3 | 1 | 8 | 3 | 1 | 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 | 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 | 5 |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 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 |
| Carcinoma | | | | | | | | | | | | | | | X | | | | | | | | | | 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 | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Alveolar/Bronchiolar Carcinoma | | | | | | | | | | | | X | | | | | | | | | | | | | 6 |
| Alveolar/Bronchiolar Carcinoma, Multiple | | | | | | | | | | | | | | | | | | | | | X | X | X | | 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 | | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | | | | | | | | | | | |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 0648 | 0733 | 0673 | 0663 | 0773 | 0773 | 0773 | 0668 | 0773 | 0773 | 0773 | 0573 | 0773 | 0773 | 0573 | 0663 | 0773 | 0773 | 0673 | 0773 | 0773 | | 0673 | 0673 | 0773 | 0673 | 0773 | 0673 | 0773 | 0673 | 0773 | 0673 | 0773 | 0673 | 0773 | 0673 | 0773 | |
| | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 |
| 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 | 0599 | 0673 | 0773 | 0773 | 0773 | 0773 | 0773 | 0673 | 0773 | 0443 | 0773 | 0443 | 0658 |
|------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ANIMAL ID | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 |

females
(cont...)

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 | | | | | | | | | | | | | | 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 FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | |
|--------------------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------------------|-------------------|--|
| | 0655 | 0733 | 0693 | 0731 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0567 | 0677 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0677 | 0733 | 0473 | 0733 | 0473 | 0658 | | | |
| 25 ppm | 007000 | 007000 | 007000 | 007000 | 007000 | 007000 | 007000 | 007000 | 007000 | 007000 | 007000 | 007000 | 007000 | 007000 | 007000 | 007000 | 007000 | 007000 | 007000 | 007000 | 007000 | 007000 | 007000 | 007000 | 00700000000000000000000000 | females (cont...) | |

Sarcoma, Metastatic, Skeletal Muscle

Mesentery
 Sarcoma
 Sarcoma, Metastatic, Skeletal Muscle
 Sarcoma, Metastatic, Uterus

+ +

X

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 | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | | | |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|----------------------|------|------|------|
| | 0655 | 0733 | 0693 | 0733 | 0713 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0563 | 0673 | 0773 | 0773 | 0773 | 0773 | 0773 | 0673 | | | 0743 | 0743 | 0743 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node | | | + | | | | | | | | | | | | | | + | | | + | + | | | | + |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | X | | | | | | | | |
| Iliac, Renal, Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumbar, Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | X |
| Lumbar, Sarcoma, Metastatic, Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumbar, Sarcoma, Metastatic, Skin | | | | | | | | | | | | | | | | | | | | | X | | | | |
| Lumbar, Renal, Lymphoma Malignant | | | | | | | | | | | | | | | | X | | | | X | | | | | |
| Renal, Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | X |
| Lymph Node, Bronchial | M | + | + | M | + | + | + | + | + | + | M | + | + | + | M | + | + | + | + | M | M | + | M | + | + |
| Hepatocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymphoma Malignant | | | | | | | | | | | X | | | | | | X | | | | | | | | X |
| Lymph Node, Mandibular | + | M | + | M | + | M | + | + | + | + | + | + | + | + | M | M | M | M | + | M | M | + | + | + | + |
| Carcinoma, Metastatic, Harderian Gland | | | | | | | | | | | | | | | | | | | | | | | X | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | X |
| Lymph Node, Mediastinal | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocarcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymphoma Malignant | | | | | | X | | | | | X | | | X | | | | | | X | | | | | X |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymphoma Malignant | | | | | | | | | | | | | | | | X | | | | X | | | | | X |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hemangiosarcoma | | | | | | | | | | | 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
 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 | 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 |
| | | 6 | 7 | 6 | 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 | 9 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 5 | 3 | 4 | 3 | 1 | 5 | 8 | | | | | | | | | | | | |
| | | 5 | 3 | 7 | 2 | 9 | 1 | 2 | 2 | 2 | 1 | 2 | 9 | 3 | 2 | 3 | 2 | 1 | 3 | 2 | 2 | 3 | 3 | 2 | 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 | 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 | 7 | 7 | 7 | 7 | 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 | 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 | |

females
(cont...)

RESPIRATORY SYSTEM

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

SPECIAL SENSES SYSTEM

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

URINARY SYSTEM

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

* .. 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 | 0 | 0 | |
| | | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 4 | 7 | 4 | 6 | 5 | 6 | | |
| | | 5 | 3 | 9 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 9 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 5 | 3 | 4 | 3 | 1 | 5 | 8 | | | |
| | 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 | 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 | 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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 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 | | | |

Sarcoma, Metastatic, Skeletal Muscle
 Renal Tubule, Adenoma

X

Urinary Bladder
 Hemangiosarcoma
 Lymphoma Malignant
 Sarcoma, Metastatic, Uterus

+
 X

SYSTEMIC LESIONS

Multiple Organ
 Lymphoma Malignant

+
 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
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Experiment Number: 20303 - 06
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 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 | 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 | ANIMAL ID | * TOTALS |
|--------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------|
| | | 5 | 6 | 5 | 5 | 4 | 5 | 4 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 5 | 7 | 6 | 6 | 5 | 5 | 4 | 7 | 5 | 7 | 5 | 7 | 7 | | |
| 25 ppm | | 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 | 7 | 0 | | |
| | | 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 | 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 |
| | | 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 | 7 | | 0 |
| | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 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 | 0 | 0 | | | |

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 | | | 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 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|--------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|--|
| | 0564 | 0621 | 0658 | 0540 | 0554 | 0455 | 0445 | 0777 | 0777 | 0777 | 0776 | 0777 | 0575 | 0776 | 0665 | 0555 | 0444 | 0775 | 0554 | 0775 | 0557 | 0775 | 0777 | | | |
| 25 ppm | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
| | 00726 | 00777 | 00778 | 00779 | 00730 | 00731 | 00732 | 00733 | 00734 | 00735 | 00736 | 00737 | 00738 | 00739 | 00740 | 00741 | 00742 | 00743 | 00744 | 00745 | 00746 | 00747 | 00748 | 00749 | | |
| 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 | 0508 | 0450 | 0542 | 0443 | 0774 | 0773 | 0773 | 0773 | 0663 | 0773 | 0772 | 0551 | 0773 | 0664 | 0660 | 0552 | 0552 | 0445 | 0771 | 0556 | 0775 | 0771 | | |
| | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 00726 | 00772 | 00772 | 00772 | 00772 | 00772 | 00772 | 00772 | 00772 | 00772 | 00772 | 00772 | 00772 | 00772 | 00772 | 00772 | 00772 | 00772 | 00772 | 00772 | 00772 | 00772 | 00772 | 00772 | 00772 | 00772 | |
| 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
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M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

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 Species/Strain: MICE/B6C3F1

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 Vinylidene chloride
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 Lab: BNW

| B6C3F1 MICE FEMALE
25 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|----------|
| | 0564 | 0662 | 0511 | 0500 | 0454 | 0545 | 0444 | 0777 | 0777 | 0777 | 0776 | 0777 | 0575 | 0776 | 0665 | 0555 | 0444 | 0775 | 0554 | 0773 | 0551 | 0773 | 0771 | | |
| ANIMAL ID | 00726 | 00726 | 00726 | 00726 | 00726 | 00726 | 00726 | 00726 | 00726 | 00726 | 00726 | 00726 | 00726 | 00726 | 00726 | 00726 | 00726 | 00726 | 00726 | 00726 | 00726 | 00726 | 00726 | | |
| 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
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 BLANK .. Not examined microscopically

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 Lab: BNW

| B6C3F1 MICE FEMALE
25 ppm | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|----------|--|
| | 0564 | 0662 | 0511 | 0504 | 0454 | 0445 | 0374 | 0377 | 0377 | 0377 | 0366 | 0377 | 0377 | 0515 | 0717 | 0666 | 0555 | 0555 | 0444 | 0777 | 0555 | 0777 | 0777 | | | |
| 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 | + | |
| Lymphoma Malignant | | | | | X | | | | | | | | | | X | | | | | | | | | | | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Fibrous Histiocytoma | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| Subcutaneous Tissue, Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | X | |
| Subcutaneous Tissue, Sarcoma | | | | | | | | | | | | | | | | | | | X | | | | | | | |
| Subcutaneous Tissue, Schwannoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|--------------------------------------|-------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|--|--|
| | 05644 | 066210 | 00554 | 00554 | 00444 | 00544 | 00747 | 00747 | 00747 | 00747 | 00676 | 00777 | 00777 | 00575 | 00776 | 00666 | 00555 | 00555 | 00444 | 00777 | 00554 | 00777 | 00554 | 00777 | | | |
| ANIMAL ID | 004 | 006 | 009 | 008 | 000 | 002 | 003 | 004 | 003 | 003 | 002 | 009 | 003 | 002 | 002 | 004 | 000 | 002 | 002 | 005 | 005 | 004 | 001 | 003 | | | |
| Sarcoma, Metastatic, Skeletal Muscle | | | | | | | | X | | | | | | | | | | | | | | | | | 1 | | |
| Renal Tubule, Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | 48 | | |
| Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Lymphoma Malignant | | | | | X | | | | | | | | | | | | | | | | | | | | 1 | | |
| Sarcoma, Metastatic, Uterus | | | | | | | X | | | | | | | | | | | | | | | | | | 1 | | |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Lymphoma Malignant | | | | | X | | | | | | | | | | | | X | | | | | | | | 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