

**Experiment Number:** 20105 - 78  
**Test Type:** CHRONIC  
**Route:** Whole Body Exposure  
**Species/Strain:** MICE/B6C3F1

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
Cell Phone Radiation: GSM  
**CAS Number:** CELLPRADGSM

**Date Report Requested:** 10/20/2017  
**Time Report Requested:** 13:43:11  
**First Dose M/F:** 06/18/12 / 06/18/12  
**Lab:** IIT

Final 1 Revision 1 - GSM Mice Core Study

<b>NTP Study Number:</b>	C20105		
<b>Lock Date:</b>	04/07/2016		
<b>Cage Range:</b>	ALL		
<b>Date Range:</b>	ALL		
<b>Reasons For Removal:</b>	25023 MISS	25022 ACCK	25021 TSAC
	25020 NATD	25019 MSAC	
<b>Removal Date Range:</b>	ALL		
<b>Treatment Groups:</b>	Include ALL		
<b>Study Gender:</b>	Both		
<b>TDMSE Version:</b>	3.0.2.3_002		
<b>PWG Approval Date:</b>	NONE		

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

### ALIMENTARY SYSTEM

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

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
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Lab: IIT

B6C3F1 MICE MALE 0 W/kg	DAY ON TEST																								ANIMAL ID	males (cont...)
	0588	0732	0779	0773	0773	0773	0576	0773	0226	0773	0773	0773	0669	0773	0773	0773	0773	0667	0773	0773	0478	0773	0773	0773		
Hepatocellular Carcinoma			X	X		X				X	X		X	X							X					
Hepatocellular Carcinoma, Multiple																										
Hepatocholangiocarcinoma	X																									
Lymphoma Malignant										X																
Malignant Fibrous Histiocytoma, Metastatic, Skin																										
Mast Cell Tumor																										
Mesentery	+					+																				
Hemangiosarcoma																								X		
Malignant Fibrous Histiocytoma, Metastatic, Skin																										
Fat, Hepatocholangiocarcinoma, Metastatic, Liver	X																									
Fat, Lipoma																										
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M		
Hepatocholangiocarcinoma, Metastatic, Liver	X																									
Mast Cell Tumor																										
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Mast Cell Tumor																										
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+		
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	I	+	+	+	+	+	+		
Malignant Fibrous Histiocytoma, Metastatic, Skin																										
Tooth																	+	+	+		+		+	+		

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<b>B6C3F1 MICE MALE</b>	<b>0 W/kg</b>	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
			5	7	7	7	7	7	5	7	2	7	7	7	6	7	7	7	7	7	6	7	7	4	7	7	7
			8	3	2	3	3	3	6	3	6	3	3	2	9	3	3	3	3	3	7	2	3	8	3	3	3
			8	2	9	0	9	2	8	8	3	0	1	9	5	7	1	8	9	0	6	5	7	8	3	1	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
	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	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3		
		1	2	3	4	6	7	8	0	1	3	4	5	6	7	9	0	1	3	4	5	8	9	0	2		

males (cont...)

CARDIOVASCULAR SYSTEM

Aorta	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung							X																	
Lymphoma Malignant									X															
Blood Vessel																								
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung							X																	
Hepatocholangiocarcinoma, Metastatic, Liver	X																							
Lymphoma Malignant									X															

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant									X															
Bilateral, Malignant Fibrous Histiocytoma, Metastatic, Skin																								
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant									X															
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M
Parathyroid Gland	M	+	+	+	+	+	M	+	M	+	+	+	+	M	+	+	+	+	M	+	+	+	+	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	I	+	+	+

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		5	7	7	7	7	7	5	7	2	7	7	7	6	7	7	7	7	6	7	7	4	7	7	7
<b>0 W/kg</b>	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
		8	3	2	3	3	3	6	3	6	3	3	2	9	3	3	3	3	7	3	8	3	3	3	3
		8	2	9	0	9	2	8	8	3	0	1	9	5	7	1	8	9	0	6	5	7	8	3	1
		1	2	3	4	6	7	8	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3
		1	2	3	4	6	7	8	0	1	3	4	5	6	7	9	0	1	3	4	5	8	9	0	1

males (cont...)

Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
---------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

GENERAL BODY SYSTEM

Peritoneum	+
Hepatocarcinoma, Metastatic, Liver	X

GENITAL SYSTEM

Coagulating Gland																									
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant																									
Mast Cell Tumor																									
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mast Cell Tumor																									
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant																									
Mast Cell Tumor																									
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibroma																									
Malignant Fibrous Histiocytoma, Metastatic, Skin																									
Testis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Interstitial Cell, Adenoma																									

HEMATOPOIETIC SYSTEM

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	5	7	7	7	7	7	5	7	2	7	7	7	6	7	7	7	7	7	7	6	7	7	4	7	7	7		
	8	3	2	3	3	3	6	3	6	3	3	2	9	3	3	3	3	3	7	2	3	8	3	3	3	3		
8	2	9	0	9	2	8	8	3	0	1	9	5	7	1	8	9	0	0	0	6	5	7	8	3	1	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	0		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	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	2	2	2	2	2	2	2	2	3	3	3		
	1	2	3	4	6	7	8	0	1	3	4	5	6	7	9	0	1	3	4	5	8	9	0	1	2			
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Lymphoma Malignant										X																		
Lymph Node	+									+																		
Lymphoma Malignant										X																		
Axillary, Hepatocholangiocarcinoma, Metastatic, Liver	X																											
Bronchial, Lymphoma Malignant										X																		
Bronchial, Mast Cell Tumor																												
Iliac, Lymphoma Malignant										X																		
Iliac, Mast Cell Tumor																												
Lumbar, Lymphoma Malignant										X																		
Mediastinal, Lymphoma Malignant										X																		
Pancreatic, Mast Cell Tumor																												
Renal, Mast Cell Tumor																												
Lymph Node, Mandibular	+	M	+	+	M	M	+	M	+	+	+	+	M	+	+	+	M	+	+	+	+	+	M	+	+			
Lymphoma Malignant										X																		
Mast Cell Tumor																												
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Hemangioma													X															
Lymphoma Malignant										X																		
Malignant Fibrous Histiocytoma, Metastatic, Skin																												
Mast Cell Tumor																												
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Lymphoma Malignant										X																		

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

Thymus  
 Lymphoma Malignant

M	+	+	+	M	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

**INTEGUMENTARY SYSTEM**

Mammary Gland

M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Skin  
 Pilomatrixoma  
 Subcutaneous Tissue, Hemangiosarcoma  
 Subcutaneous Tissue, Lipoma  
 Subcutaneous Tissue, Malignant Fibrous  
 Histiocytoma

+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
														X										

**MUSCULOSKELETAL SYSTEM**

Bone

+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Skeletal Muscle  
 Hepatocellular Carcinoma, Metastatic, Liver  
 Hepatocholangiocarcinoma, Metastatic, Liver  
 Malignant Fibrous Histiocytoma, Metastatic,  
 Skin  
 Sarcoma

+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
									X															

**NERVOUS SYSTEM**

Brain  
 Hepatocholangiocarcinoma, Metastatic, Liver

+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Brain Trigeminal Ganglion

+	+	+	+	M	+	+	+	M	+	+	+	+	M	+	+	+	+	+	+	+	+	M	+	+
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

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B6C3F1 MICE MALE	DAY ON TEST																								males (cont...)
	0588	0732	0770	0773	0777	0779	0786	0788	0823	0830	0833	0839	0857	0871	0873	0878	0893	0900	0906	0907	0933	0938	0947	0977	
0 W/kg	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	0001	0011	0011	0011	0011	0011	0011	0011	0012	0022	0022	0022	0022	0022	0023	0033	0033	0033	

Nerve Trigeminal

Peripheral Nerve, Sciatic

Spinal Cord

RESPIRATORY SYSTEM

Lung

Alveolar/Bronchiolar Adenoma  
 Alveolar/Bronchiolar Adenoma, Multiple  
 Alveolar/Bronchiolar Carcinoma  
 Alveolar/Bronchiolar Carcinoma, Multiple  
 Hepatoblastoma, Metastatic, Liver  
 Hepatocellular Carcinoma, Metastatic, Liver  
 Hepatocholeangiocarcinoma, Metastatic, Liver  
 Lymphoma Malignant  
 Mast Cell Tumor

Nose

Lymphoma Malignant

Trachea

SPECIAL SENSES SYSTEM

Eye

Harderian Gland

Adenocarcinoma  
 Adenoma

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<b>B6C3F1 MICE MALE</b> <b>0 W/kg</b>	DAY ON TEST	0 5 8 8	0 7 3 2	0 7 2 9	0 7 3 0	0 7 3 9	0 7 3 2	0 5 6 8	0 7 3 8	0 2 6 8	0 7 3 3	0 7 3 2	0 6 9 5	0 7 3 7	0 7 3 3	0 7 3 3	0 7 3 3	0 6 7 0	0 7 2 5	0 7 3 7	0 4 8 8	0 7 3 3	0 7 3 1	0 7 3 6	<b>males (cont...)</b>
	ANIMAL ID	0 0 0 0 1	0 0 0 0 2	0 0 0 0 3	0 0 0 0 4	0 0 0 0 6	0 0 0 0 7	0 0 0 0 8	0 0 0 0 0	0 0 0 0 1	0 0 0 0 1	0 0 0 0 1	0 0 0 0 1	0 0 0 0 1	0 0 0 0 1	0 0 0 0 1	0 0 0 0 1	0 0 0 0 1	0 0 0 0 1	0 0 0 0 2	0 0 0 0 2	0 0 0 0 2	0 0 0 0 2	0 0 0 0 2	

Mast Cell Tumor

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hepatocellular Carcinoma, Metastatic, Liver														X																	
Hepatocholangiocarcinoma, Metastatic, Liver	X																														
Lymphoma Malignant									X																						
Malignant Fibrous Histiocytoma, Metastatic, Skin																															
Mast Cell Tumor																															
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mast Cell Tumor																															

**SYSTEMIC LESIONS**

Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant									X																						
Mast Cell Tumor																															

\* .. 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

<b>B6C3F1 MICE MALE</b>	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
		3	7	7	6	6	6	7	7	7	7	7	7	6	7	7	4	6	7	6	7	7	7	7
<b>0 W/kg</b>	ANIMAL ID	5	3	3	0	6	7	3	3	0	2	2	3	9	3	3	5	2	3	9	3	3	3	3
		0	8	2	8	7	4	7	1	2	9	9	6	3	7	3	5	2	6	0	6	8	2	1
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	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	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5
		3	4	5	6	7	8	9	1	2	3	4	5	6	7	9	0	1	2	3	4	5	6	9

males (cont...)

ALIMENTARY SYSTEM

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

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
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M .. Missing tissue  
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Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

B6C3F1 MICE MALE 0 W/kg	DAY ON TEST																				ANIMAL ID	males (cont...)	
	0350	0378	0372	0368	0366	0366	0377	0377	0377	0377	0377	0366	0377	0377	0344	0366	0377	0366	0377	0377			0377
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	7	7	6	6	6	7	7	7	7	7	6	7	7	4	6	7	6	7	7	7	7	7
	5	3	3	0	6	7	3	3	0	2	2	3	9	3	3	5	2	3	9	3	3	3	3
	0	8	2	8	7	4	7	1	2	9	9	6	3	7	3	5	2	6	0	6	8	2	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	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	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5
	3	4	5	6	7	8	9	1	2	3	4	5	6	7	9	0	1	2	3	4	5	6	8
Hepatocellular Carcinoma			X	X	X	X		X	X										X	X			
Hepatocellular Carcinoma, Multiple													X										
Hepatocholangiocarcinoma																							
Lymphoma Malignant																X							
Malignant Fibrous Histiocytoma, Metastatic, Skin							X																
Mast Cell Tumor																							
Mesentery	+						+	+			+	+					+				+		
Hemangiosarcoma																							
Malignant Fibrous Histiocytoma, Metastatic, Skin							X																
Fat, Hepatocholangiocarcinoma, Metastatic, Liver																							
Fat, Lipoma																							
Pancreas	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hepatocholangiocarcinoma, Metastatic, Liver																							
Mast Cell Tumor																							
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mast Cell Tumor																							
Stomach, Forestomach	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Glandular	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Malignant Fibrous Histiocytoma, Metastatic, Skin						X																	
Tooth			+		+					+			+		+	+		+		+			+

\* .. 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

<b>B6C3F1 MICE MALE</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		3	7	7	6	6	6	7	7	7	7	7	6	7	7	4	6	7	6	7	7	7	7	
	5	3	3	0	6	7	3	3	0	2	2	3	9	3	3	5	2	3	9	3	3	3		
	0	8	2	8	7	4	7	1	2	9	9	6	3	7	3	5	2	6	0	6	8	2		
<b>0 W/kg</b>	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	
		3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	
																								<b>males</b>
																								<b>(cont...)</b>

**CARDIOVASCULAR SYSTEM**

Aorta	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																									
Lymphoma Malignant															X										
Blood Vessel												+													
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																									
Hepatocholangiocarcinoma, Metastatic, Liver																									
Lymphoma Malignant																									

**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant																									
Bilateral, Malignant Fibrous Histiocytoma, Metastatic, Skin							X																		
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant																									
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	+	+	+	M	+	M	+	+	+	+	M	+	+	+	+	+	M	+	+	+	+	M	+	M	+
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+

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+ .. Tissue examined microscopically  
X .. Lesion present  
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Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

<b>B6C3F1 MICE MALE</b>  <b>0 W/kg</b>	DAY ON TEST	0 3 5 0	0 7 3 8	0 7 3 2	0 6 6 8	0 6 7 7	0 6 4 7	0 7 3 1	0 7 3 2	0 7 3 9	0 7 2 9	0 7 3 6	0 7 3 7	0 4 5 3	0 6 2 2	0 7 3 6	0 6 9 0	0 7 3 6	0 7 3 8	0 7 3 2	0 7 3 1	0 7 3 9	0 7 3 3	<b>males (cont...)</b>			
	ANIMAL ID	0 0 0 3 3	0 0 0 3 4	0 0 0 3 5	0 0 0 3 7	0 0 0 3 8	0 0 0 3 9	0 0 0 4 1	0 0 0 4 2	0 0 0 4 3	0 0 0 4 4	0 0 0 4 5	0 0 0 4 6	0 0 0 4 7	0 0 0 5 8	0 0 0 5 9	0 0 0 5 0	0 0 0 5 1	0 0 0 5 2	0 0 0 5 3	0 0 0 5 4	0 0 0 5 5	0 0 0 5 6		0 0 0 5 7	0 0 0 5 8	0 0 0 5 9

Thyroid Gland

+ +

**GENERAL BODY SYSTEM**

Peritoneum  
Hepatocarcinoma, Metastatic, Liver

**GENITAL SYSTEM**

Coagulating Gland

+

Epididymis  
Lymphoma Malignant  
Mast Cell Tumor

+  
X

Preputial Gland  
Mast Cell Tumor

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

Prostate  
Lymphoma Malignant  
Mast Cell Tumor

+  
X

Seminal Vesicle  
Fibroma  
Malignant Fibrous Histiocytoma, Metastatic,  
Skin

+  
X

Testis  
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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BLANK .. Not examined microscopically



Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

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Lab: IIT

|                         |             |                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------------|-------------|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 MICE MALE</b> | 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 |   |
|                         |             | 3                      | 7 | 7 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 4 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|                         |             | 5                      | 3 | 3 | 0 | 6 | 7 | 3 | 3 | 0 | 2 | 2 | 3 | 9 | 3 | 3 | 5 | 2 | 3 | 9 | 3 | 3 | 3 | 3 | 3 | 3 |
| <b>0 W/kg</b>           | 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 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |   |
|                         |             | 3                      | 4 | 5 | 6 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|                         |             | <b>males (cont...)</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

Thymus + + + M + + + + M + + + + M + + + + M + M + + + +  
 Lymphoma Malignant X

**INTEGUMENTARY SYSTEM**

Mammary Gland M +  
 Skin +  
 Pilomatrixoma  
 Subcutaneous Tissue, Hemangiosarcoma X  
 Subcutaneous Tissue, Lipoma  
 Subcutaneous Tissue, Malignant Fibrous Histiocytoma X

**MUSCULOSKELETAL SYSTEM**

Bone +  
 Skeletal Muscle +  
 Hepatocellular Carcinoma, Metastatic, Liver X  
 Hepatocholangiocarcinoma, Metastatic, Liver  
 Malignant Fibrous Histiocytoma, Metastatic, Skin X  
 Sarcoma X

**NERVOUS SYSTEM**

Brain +  
 Hepatocholangiocarcinoma, Metastatic, Liver  
 Brain Trigeminal Ganglion + M + M + + + M M + + + + + + M + + + + + M + + + +

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 + .. Tissue examined microscopically  
 X .. Lesion present  
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Experiment Number: 20105 - 78

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Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE MALE | DAY ON TEST |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | ANIMAL ID | males<br>(cont...) |     |
|------------------|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------|--------------------|-----|
|                  | 030         | 037 | 037 | 036 | 036 | 036 | 037 | 037 | 037 | 037 | 037 | 036 | 037 | 037 | 034 | 036 | 037 | 036 | 037 | 037 |           |                    | 037 |
| 0 W/kg           | 50          | 83  | 23  | 80  | 76  | 47  | 73  | 13  | 20  | 22  | 33  | 93  | 33  | 53  | 22  | 63  | 79  | 60  | 73  | 73  | 33        | 33                 | 33  |
|                  | 003         | 003 | 003 | 003 | 003 | 003 | 003 | 003 | 003 | 003 | 003 | 003 | 003 | 003 | 003 | 003 | 003 | 003 | 003 | 003 | 003       | 003                | 003 |

|                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nerve Trigeminal          | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | M | + | M | + | + | + | + | + | + | + |
| Peripheral Nerve, Sciatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Spinal Cord               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

RESPIRATORY SYSTEM

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Alveolar/Bronchiolar Adenoma                |   |   |   |   |   |   | X |   |   |   | X |   |   |   | X |   | X |   |   |   |   |   |   |   |
| Alveolar/Bronchiolar Adenoma, Multiple      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Alveolar/Bronchiolar Carcinoma              |   |   |   |   |   |   |   |   |   | X | X |   |   |   |   |   |   |   |   |   |   | X |   |   |
| Alveolar/Bronchiolar Carcinoma, Multiple    |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   | X |   |   |   |   |   |
| Hepatoblastoma, Metastatic, Liver           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatocellular Carcinoma, Metastatic, Liver |   |   |   | X |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatocholangiocarcinoma, Metastatic, Liver |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |
| Mast Cell Tumor                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Nose  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymphoma Malignant                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |
| Trachea                                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

SPECIAL SENSES SYSTEM

|                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Harderian Gland | + | + | + | + | M | I | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenocarcinoma  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Adenoma         |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

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X .. Lesion present  
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Experiment Number: 20105 - 78

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Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |   |   |
|------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------|---|---|
| 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                  |   |   |
|                  |             | 3 | 7 | 7 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 4 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7                  |   | 7 |
|                  |             | 5 | 3 | 3 | 0 | 6 | 7 | 3 | 3 | 0 | 2 | 2 | 3 | 9 | 3 | 3 | 5 | 2 | 3 | 9 | 3 | 3 | 3 | 3 | 3 | 3                  |   | 3 |
| 0                | 8           | 2 | 8 | 7 | 4 | 7 | 1 | 2 | 9 | 9 | 6 | 3 | 7 | 3 | 5 | 2 | 6 | 0 | 6 | 8 | 2 | 1 | 3 | 9 | 3 | males<br>(cont...) |   |   |
| 0 W/kg           | 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 |   |
|                  |             | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5                  |   |   |
| 3                | 4           | 5 | 6 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 9 |                    |   |   |

Mast Cell Tumor

### URINARY SYSTEM

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hepatocellular Carcinoma, Metastatic, Liver      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatocholangiocarcinoma, Metastatic, Liver      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   | X |   |   |   |
| Malignant Fibrous Histiocytoma, Metastatic, Skin |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Mast Cell Tumor                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Urinary Bladder                                  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Mast Cell Tumor                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

### SYSTEMIC LESIONS

|                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Multiple Organ     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymphoma Malignant |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   | X |   |   |   |   |   | X |   | X |   |
| Mast Cell Tumor    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

\* .. 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: 20105 - 78  
 Test Type: CHRONIC  
 Route: Whole Body Exposure  
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Cell Phone Radiation: GSM  
 CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017  
 Time Report Requested: 13:43:11  
 First Dose M/F: 06/18/12 / 06/18/12  
 Lab: IIT

|                         |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
|-------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| <b>B6C3F1 MICE MALE</b> | DAY ON TEST | 0738  | 0732  | 0779  | 0773  | 0778  | 0678  | 0708  | 0706  | 0708  | 0707  | 0707  | 0707  | 0707  | 0707  | 0707  | 0707  | 0707  | 0707  | 0707  | 0707  | 0707  | 0707  | 0672  |  |
|                         | ANIMAL ID   | 00060 | 00061 | 00062 | 00064 | 00065 | 00066 | 00067 | 00068 | 00069 | 00070 | 00071 | 00072 | 00073 | 00074 | 00075 | 00076 | 00077 | 00078 | 00079 | 00080 | 00081 | 00082 | 00083 |  |

**ALIMENTARY SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus  | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder<br>Lymphoma Malignant  | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A |
| Intestine Large, Cecum<br>Lymphoma Malignant   | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | A |
| Intestine Large, Colon   | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A |
| Intestine Large, Rectum  | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A |
| Intestine Small, Duodenum<br>Adenocarcinoma  | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + |
| Intestine Small, Ileum<br>Lymphoma Malignant   | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | A |
| Intestine Small, Jejunum<br>Adenocarcinoma<br>Hepatocellular Carcinoma, Metastatic, Liver<br>Lymphoma Malignant<br>Mast Cell Tumor | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | A |
| Liver<br>Hemangiosarcoma<br>Hepatoblastoma<br>Hepatocellular Adenoma<br>Hepatocellular Adenoma, Multiple                           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|  |   |   |   |   |   |   |   |   |   |   | X |   |   | X |   | X |   |   |   |   |   | X | X |   |
|  | X |   | X | X | X |   | X | X |   |   |   | X |   | X |   |   |   | X | X |   | X |   |   |   |

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First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE MALE<br>0 W/kg                       | DAY ON TEST      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |  | ANIMAL ID | males<br>(cont...) |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--|-----------|--------------------|
|  | 0<br>7<br>3<br>8 | 0<br>7<br>3<br>2 | 0<br>7<br>3<br>2 | 0<br>7<br>2<br>9 | 0<br>7<br>3<br>3 | 0<br>7<br>3<br>8 | 0<br>6<br>7<br>8 | 0<br>7<br>3<br>0 | 0<br>7<br>3<br>8 | 0<br>0<br>6<br>7 | 0<br>7<br>3<br>8 | 0<br>7<br>3<br>0 | 0<br>7<br>3<br>3 | 0<br>7<br>2<br>3 | 0<br>7<br>3<br>2 | 0<br>7<br>3<br>3 | 0<br>7<br>3<br>3 | 0<br>7<br>3<br>3 | 0<br>7<br>3<br>2 | 0<br>7<br>3<br>3 | 0<br>7<br>3<br>0 | 0<br>7<br>3<br>3 | 0<br>7<br>3<br>7 | 0<br>6<br>2<br>2 |  |           |                    |
| Hepatocellular Carcinoma                         |                  |                  |                  |                  |                  | X                | X                |                  |                  |                  |                  |                  |                  | X                | X                |                  |                  |                  | X                |                  |                  |                  |                  |                  |  |           |                    |
| Hepatocellular Carcinoma, Multiple               |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | X                |                  | X                | X                |  |           |                    |
| Hepatocholangiocarcinoma                         |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |  |           |                    |
| Lymphoma Malignant                               |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |  |           |                    |
| Malignant Fibrous Histiocytoma, Metastatic, Skin |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |  |           |                    |
| Mast Cell Tumor                                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |  |           |                    |
| Mesentery  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |  |           |                    |
| Hemangiosarcoma                                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |  |           |                    |
| Malignant Fibrous Histiocytoma, Metastatic, Skin |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |  |           |                    |
| Fat, Hepatocholangiocarcinoma, Metastatic, Liver |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |  |           |                    |
| Fat, Lipoma                                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |  |           |                    |
| Pancreas   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |  |           |                    |
| Hepatocholangiocarcinoma, Metastatic, Liver      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |  |           |                    |
| Mast Cell Tumor                                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |  |           |                    |
| Salivary Glands                                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |  |           |                    |
| Mast Cell Tumor                                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |  |           |                    |
| Stomach, Forestomach                             |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |  |           |                    |
| Stomach, Glandular                               |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |  |           |                    |
| Malignant Fibrous Histiocytoma, Metastatic, Skin |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |  |           |                    |
| Tooth  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |  |           |                    |

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CAS Number: CELLPRADGSM

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First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE MALE<br><br>0 W/kg   | DAY ON TEST      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | ANIMAL ID | males<br>(cont...) |  |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|--------------------|--|
|  | 0<br>7<br>3<br>8 | 0<br>7<br>3<br>2 | 0<br>7<br>3<br>2 | 0<br>7<br>2<br>9 | 0<br>7<br>3<br>3 | 0<br>7<br>3<br>8 | 0<br>6<br>5<br>8 | 0<br>7<br>3<br>0 | 0<br>6<br>3<br>8 | 0<br>7<br>0<br>8 | 0<br>6<br>3<br>6 | 0<br>7<br>3<br>8 | 0<br>7<br>0<br>1 | 0<br>7<br>3<br>2 | 0<br>7<br>3<br>3 | 0<br>7<br>2<br>1 | 0<br>7<br>3<br>2 | 0<br>7<br>3<br>3 | 0<br>7<br>3<br>3 | 0<br>7<br>3<br>3 | 0<br>7<br>2<br>3 | 0<br>7<br>3<br>0 | 0<br>7<br>3<br>3 | 0<br>7<br>3<br>7 |           |                    |  |
| Bone Marrow<br>Lymphoma Malignant  | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +         |                    |  |
| Lymph Node<br>Lymphoma Malignant<br>Axillary, Hepatocholangiocarcinoma,<br>Metastatic, Liver<br>Bronchial, Lymphoma Malignant<br>Bronchial, Mast Cell Tumor<br>Iliac, Lymphoma Malignant<br>Iliac, Mast Cell Tumor<br>Lumbar, Lymphoma Malignant<br>Mediastinal, Lymphoma Malignant<br>Pancreatic, Mast Cell Tumor<br>Renal, Mast Cell Tumor |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |  |
| Lymph Node, Mandibular<br>Lymphoma Malignant<br>Mast Cell Tumor  | +                | +                | +                | M                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | M                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +         |                    |  |
| Lymph Node, Mesenteric<br>Hemangioma<br>Lymphoma Malignant<br>Malignant Fibrous Histiocytoma, Metastatic,<br>Skin<br>Mast Cell Tumor   | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +         |                    |  |
| Spleen<br>Lymphoma Malignant   | +                | +                | +                | +                | +                | +                | +                | +                | A                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +         | A                  |  |

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
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|-------------------------|---------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------------|-------|
| <b>B6C3F1 MICE MALE</b> | <b>0 W/kg</b> | DAY ON TEST | 0738  | 0732  | 0739  | 0733  | 0738  | 0768  | 0770  | 0777  | 0778  | 0773  | 0772  | 0773  | 0773  | 0773  | 0773  | 0773  | 0773  | 0773  | 0773  | 0762  | 0762  | <b>males<br/>(cont...)</b> |       |
|                         |               | ANIMAL ID   | 00060 | 00066 | 00066 | 00066 | 00066 | 00066 | 00066 | 00067 | 00067 | 00067 | 00067 | 00067 | 00067 | 00067 | 00067 | 00067 | 00067 | 00067 | 00067 | 00067 | 00067 |                            | 00067 |
|                         |               |             | 01    | 02    | 04    | 05    | 06    | 07    | 08    | 09    | 00    | 01    | 02    | 03    | 04    | 05    | 06    | 07    | 08    | 09    | 00    | 01    | 02    |                            | 03    |

|                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nerve Trigeminal          | + | + | + | + | + | + | + | M | + | + | M | + | + | + | + | M | + | M | M | + | M | + | M | + |
| Peripheral Nerve, Sciatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Spinal Cord               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

**RESPIRATORY SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Alveolar/Bronchiolar Adenoma                | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Alveolar/Bronchiolar Adenoma, Multiple      |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Alveolar/Bronchiolar Carcinoma              |   |   |   | X |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Alveolar/Bronchiolar Carcinoma, Multiple    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatoblastoma, Metastatic, Liver           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatocellular Carcinoma, Metastatic, Liver |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   | X |   |   |
| Hepatocholangiocarcinoma, Metastatic, Liver |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Mast Cell Tumor                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Nose  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymphoma Malignant                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Trachea                                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

**SPECIAL SENSES SYSTEM**

|                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenocarcinoma  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Adenoma         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 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: 20105 - 78  
 Test Type: CHRONIC  
 Route: Whole Body Exposure  
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Cell Phone Radiation: GSM  
 CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017  
 Time Report Requested: 13:43:11  
 First Dose M/F: 06/18/12 / 06/18/12  
 Lab: IIT

| B6C3F1 MICE MALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                  |             | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 0 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 |
| 0 W/kg           | ANIMAL ID   | 3 | 3 | 3 | 2 | 3 | 3 | 5 | 3 | 0 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 |   |
|                  |             | 8 | 2 | 2 | 9 | 3 | 8 | 8 | 0 | 8 | 6 | 8 | 1 | 9 | 1 | 2 | 6 | 3 | 7 | 7 | 3 | 3 | 0 | 3 | 7 | 2 |
|                  |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|                  |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|                  |             | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 |   |
|                  |             | 0 | 1 | 2 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |

males  
(cont...)

Mast Cell Tumor

**URINARY SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hepatocellular Carcinoma, Metastatic, Liver      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatocholangiocarcinoma, Metastatic, Liver      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Malignant Fibrous Histiocytoma, Metastatic, Skin |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Mast Cell Tumor                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Urinary Bladder                                  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A |
| Mast Cell Tumor                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**SYSTEMIC LESIONS**

|                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Multiple Organ     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
| Lymphoma Malignant |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Mast Cell Tumor    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |

\* .. 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                         |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|-------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| <b>B6C3F1 MICE MALE</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|                         |             | 7 | 7 | 7 | 7 | 7 | 3 | 7 | 4 | 7 | 7 | 7 | 7 | 7 | 7 |  |
| <b>0 W/kg</b>           | 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 |  |
|                         |             | 9 | 3 | 3 | 3 | 3 | 9 | 2 | 2 | 3 | 3 | 1 | 2 | 3 | 3 |  |
|                         |             | 9 | 0 | 8 | 0 | 6 | 3 | 9 | 0 | 1 | 0 | 1 | 9 | 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 | 0 | 0 | 0 |  |
|                         |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |  |
|                         |             | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 |  |
|                         |             | 6 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 0 | 2 | 3 |  |
| <b>* TOTALS</b>         |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |

**ALIMENTARY SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Esophagus                                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>88</b> |
| Gallbladder                                 | + | + | + | M | + | M | + | + | + | + | + | + | + | M | + | <b>73</b> |
| Lymphoma Malignant                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Intestine Large, Cecum                      | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | <b>81</b> |
| Lymphoma Malignant                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Intestine Large, Colon                      | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | <b>84</b> |
| Intestine Large, Rectum                     | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | <b>84</b> |
| Intestine Small, Duodenum                   | A | + | + | + | + | A | + | + | + | M | + | + | + | + | + | <b>77</b> |
| Adenocarcinoma                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Intestine Small, Ileum                      | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | <b>81</b> |
| Lymphoma Malignant                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Intestine Small, Jejunum                    | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | <b>79</b> |
| Adenocarcinoma                              |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   | <b>2</b>  |
| Hepatocellular Carcinoma, Metastatic, Liver |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Lymphoma Malignant                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2</b>  |
| Mast Cell Tumor                             |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   | <b>1</b>  |
| Liver                                       | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>90</b> |
| Hemangiosarcoma                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Hepatoblastoma                              |   |   |   |   |   |   |   |   |   | X | X |   |   |   |   | <b>6</b>  |
| Hepatocellular Adenoma                      |   | X | X |   |   | X |   | X | X | X |   |   |   |   |   | <b>25</b> |
| Hepatocellular Adenoma, Multiple            |   |   |   |   | X |   |   |   |   |   |   | X |   |   | X | <b>27</b> |

\* .. 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE MALE<br>0 W/kg                       | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
|  | ANIMAL ID   | 7 | 7 | 7 | 7 | 7 | 3 | 7 | 4 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |          |
|  |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |          |
|  |             | 7 | 7 | 7 | 7 | 7 | 3 | 7 | 4 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |          |
|  |             | 0 | 3 | 3 | 3 | 3 | 9 | 2 | 2 | 3 | 3 | 1 | 2 | 3 | 3 | 3 | 3 |          |
|  |             | 9 | 0 | 8 | 0 | 6 | 3 | 9 | 0 | 1 | 0 | 1 | 9 | 2 | 6 | 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 | 1 | 1 | 1 | 1 | 1 |          |
|  |             | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 |          |
|  |             | 6 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 0 | 2 | 3 | 4 | 4 |          |
| Hepatocellular Carcinoma                         |             | X |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   | 26       |
| Hepatocellular Carcinoma, Multiple               |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2        |
| Hepatocholangiocarcinoma                         |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1        |
| Lymphoma Malignant                               |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2        |
| Malignant Fibrous Histiocytoma, Metastatic, Skin |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1        |
| Mast Cell Tumor                                  |             |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   | 1        |
| Mesentery  |             |   |   |   |   |   | + |   |   |   |   |   |   |   |   |   |   | 12       |
| Hemangiosarcoma                                  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1        |
| Malignant Fibrous Histiocytoma, Metastatic, Skin |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1        |
| Fat, Hepatocholangiocarcinoma, Metastatic, Liver |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1        |
| Fat, Lipoma                                      |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1        |
| Pancreas   |             | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | 87       |
| Hepatocholangiocarcinoma, Metastatic, Liver      |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1        |
| Mast Cell Tumor                                  |             |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   | 1        |
| Salivary Glands                                  |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90       |
| Mast Cell Tumor                                  |             |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   | 1        |
| Stomach, Forestomach                             |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 88       |
| Stomach, Glandular                               |             | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | 87       |
| Malignant Fibrous Histiocytoma, Metastatic, Skin |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1        |
| Tooth  |             |   |   |   |   | + |   | + |   |   |   | + |   | + |   |   |   | 27       |

\* .. 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                         |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 MICE MALE</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|                         |             | 7 | 7 | 7 | 7 | 7 | 3 | 7 | 4 | 7 | 7 | 7 | 7 | 7 | 7 |   |
| <b>0 W/kg</b>           |             | 0 | 3 | 3 | 3 | 3 | 9 | 2 | 2 | 3 | 3 | 1 | 2 | 3 | 3 |   |
|                         | ANIMAL ID   | 9 | 0 | 8 | 0 | 6 | 3 | 9 | 0 | 1 | 0 | 1 | 9 | 2 | 6 | 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 | 1 | 1 | 1 | 1 |   |
|                         |             | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 |   |
|                         |             | 6 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 0 | 2 | 3 | 4 |
| <b>* TOTALS</b>         |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**CARDIOVASCULAR SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Aorta  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>89</b> |
| Alveolar/Bronchiolar Carcinoma, Metastatic, Lung |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Lymphoma Malignant                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2</b>  |
| Blood Vessel                                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Heart  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>90</b> |
| Alveolar/Bronchiolar Carcinoma, Metastatic, Lung |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Hepatocholangiocarcinoma, Metastatic, Liver      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Lymphoma Malignant                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |

**ENDOCRINE SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Adrenal Cortex  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>90</b> |
| Lymphoma Malignant  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Bilateral, Malignant Fibrous Histiocytoma, Metastatic, Skin |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Adrenal Medulla   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>90</b> |
| Lymphoma Malignant  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Islets, Pancreatic  | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | <b>88</b> |
| Parathyroid Gland   | + | + | M | + | M | + | M | M | M |   | + | + | + | + | + | <b>68</b> |
| Pituitary Gland   | + | + | + | + | + | + | + | I | + | + | + | + | + | + | + | <b>86</b> |

\* .. 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE MALE<br>0 W/kg                       | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | * TOTALS |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----------|
|  | ANIMAL ID   | 7 | 7 | 7 | 7 | 7 | 3 | 7 | 4 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7  |          |
|  |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  |          |
|  |             | 7 | 7 | 7 | 7 | 7 | 3 | 7 | 4 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7  |          |
|  |             | 0 | 3 | 3 | 3 | 3 | 9 | 2 | 2 | 3 | 3 | 1 | 2 | 3 | 3 | 3 | 3  |          |
|  |             | 9 | 0 | 8 | 0 | 6 | 3 | 9 | 0 | 1 | 0 | 1 | 9 | 2 | 6 | 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 | 1 | 1 | 1 | 1  |          |
|  |             | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0  |          |
|  |             | 6 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 0 | 2 | 3 | 4 | 4  |          |
| Thyroid Gland                                    |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 89 |          |
| <b>GENERAL BODY SYSTEM</b>                       |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |          |
| Peritoneum                                       |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |          |
| Hepatocarcinoma, Metastatic, Liver               |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |          |
| <b>GENITAL SYSTEM</b>                            |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |          |
| Coagulating Gland                                |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2  |          |
| Epididymis                                       |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |          |
| Lymphoma Malignant                               |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |          |
| Mast Cell Tumor                                  |             |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   | 1  |          |
| Preputial Gland                                  |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 89 |          |
| Mast Cell Tumor                                  |             |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   | 1  |          |
| Prostate   |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |          |
| Lymphoma Malignant                               |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |          |
| Mast Cell Tumor                                  |             |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   | 1  |          |
| Seminal Vesicle                                  |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |          |
| Fibroma  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |          |
| Malignant Fibrous Histiocytoma, Metastatic, Skin |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |          |
| Testis   |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |          |
| Interstitial Cell, Adenoma                       |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2  |          |

**HEMATOPOIETIC SYSTEM**

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

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

Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE MALE<br>0 W/kg                               | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | * TOTALS |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----------|
|  | ANIMAL ID   | 7 | 7 | 7 | 7 | 7 | 3 | 7 | 4 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7  |          |
|  |             | 0 | 3 | 3 | 3 | 3 | 9 | 2 | 3 | 3 | 1 | 2 | 3 | 3 | 3 | 3 |    |          |
|  |             | 9 | 0 | 8 | 0 | 6 | 3 | 9 | 0 | 1 | 0 | 1 | 9 | 2 | 6 | 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 | 1 | 1 | 1 | 1 |    |          |
|  |             | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 |    |          |
|  |             | 6 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 0 | 2 | 3 | 4 |    |          |
| Bone Marrow  |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |          |
| Lymphoma Malignant                                       |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2  |          |
| Lymph Node   |             |   |   |   |   |   |   |   |   |   | + |   |   |   |   |   | 6  |          |
| Lymphoma Malignant                                       |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3  |          |
| Axillary, Hepatocholangiocarcinoma,<br>Metastatic, Liver |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |          |
| Bronchial, Lymphoma Malignant                            |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |          |
| Bronchial, Mast Cell Tumor                               |             |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   | 1  |          |
| Iliac, Lymphoma Malignant                                |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |          |
| Iliac, Mast Cell Tumor                                   |             |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   | 1  |          |
| Lumbar, Lymphoma Malignant                               |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |          |
| Mediastinal, Lymphoma Malignant                          |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |          |
| Pancreatic, Mast Cell Tumor                              |             |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   | 1  |          |
| Renal, Mast Cell Tumor                                   |             |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   | 1  |          |
| Lymph Node, Mandibular                                   |             | + | + | + | + | + | + | + | + | M | + | + | + | M | M | + | 72 |          |
| Lymphoma Malignant                                       |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2  |          |
| Mast Cell Tumor  |             |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   | 1  |          |
| Lymph Node, Mesenteric                                   |             | + | + | + | + | + | + | I | + | + | M | + | + | + | + | + | 85 |          |
| Hemangioma   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |          |
| Lymphoma Malignant                                       |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 5  |          |
| Malignant Fibrous Histiocytoma, Metastatic,<br>Skin      |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |          |
| Mast Cell Tumor  |             |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   | 1  |          |
| Spleen   |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 87 |          |
| 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: 20105 - 78  
 Test Type: CHRONIC  
 Route: Whole Body Exposure  
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Cell Phone Radiation: GSM  
 CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017  
 Time Report Requested: 13:43:11  
 First Dose M/F: 06/18/12 / 06/18/12  
 Lab: IIT

| B6C3F1 MICE MALE<br>0 W/kg | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
|----------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
|                            | ANIMAL ID   | 7 | 7 | 7 | 7 | 7 | 3 | 7 | 4 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |          |
|                            |             | 0 | 3 | 3 | 3 | 3 | 9 | 2 | 2 | 3 | 3 | 1 | 2 | 3 | 3 | 3 | 3 |          |
|                            |             | 9 | 0 | 8 | 0 | 6 | 3 | 9 | 0 | 1 | 0 | 1 | 9 | 2 | 6 | 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 | 1 | 1 | 1 | 1 |          |
|                            |             | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 |          |
|                            |             | 6 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 0 | 2 | 3 | 4 | 4 |          |

|                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Thymus             | M | + | + | M | + | + | + | + | + | + | + | M | + | + | + | + | 75 |
| Lymphoma Malignant |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |

**INTEGUMENTARY SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Mammary Gland                                       | M | M | M | M | M | M | M | M | + | M | M | M | M | M | M | M | 2  |
| Skin  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |
| Pilomatrixoma                                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Subcutaneous Tissue, Hemangiosarcoma                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Subcutaneous Tissue, Lipoma                         |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   | 1  |
| Subcutaneous Tissue, Malignant Fibrous Histiocytoma |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |

**MUSCULOSKELETAL SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |
| Skeletal Muscle                                  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |
| Hepatocellular Carcinoma, Metastatic, Liver      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Hepatocholangiocarcinoma, Metastatic, Liver      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Malignant Fibrous Histiocytoma, Metastatic, Skin |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Sarcoma  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |

**NERVOUS SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Brain                                       | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |
| Hepatocholangiocarcinoma, Metastatic, Liver |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Brain Trigeminal Ganglion                   | M | + | + | M | + | + | + | M | + | + | M | + | + | + | M |   | 69 |

\* .. 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE MALE<br>0 W/kg | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
|----------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
|                            | ANIMAL ID   | 7 | 7 | 7 | 7 | 7 | 3 | 7 | 4 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |          |
|                            |             | 0 | 3 | 3 | 3 | 3 | 9 | 2 | 3 | 3 | 1 | 2 | 3 | 3 | 3 |   |          |
|                            |             | 9 | 0 | 8 | 0 | 6 | 3 | 9 | 0 | 1 | 0 | 1 | 9 | 2 | 6 | 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 | 1 | 1 | 1 | 1 |          |
|                            |             | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 |          |
|                            |             | 6 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 0 | 2 | 3 | 4 |          |

|                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Nerve Trigeminal          | + | M | M | M | + | + | + | + | + | M | + | M | M | + | + | 67 |
| Peripheral Nerve, Sciatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 89 |
| Spinal Cord               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |

**RESPIRATORY SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Lung  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |
| Alveolar/Bronchiolar Adenoma                | X |   |   |   |   |   | X |   |   |   |   |   |   |   |   | 11 |
| Alveolar/Bronchiolar Adenoma, Multiple      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2  |
| Alveolar/Bronchiolar Carcinoma              |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   | 11 |
| Alveolar/Bronchiolar Carcinoma, Multiple    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2  |
| Hepatoblastoma, Metastatic, Liver           |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   | 1  |
| Hepatocellular Carcinoma, Metastatic, Liver | X |   |   |   |   |   |   |   |   |   | X |   |   |   |   | 11 |
| Hepatocholangiocarcinoma, Metastatic, Liver |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Lymphoma Malignant                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2  |
| Mast Cell Tumor                             |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   | 1  |
| Nose  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |
| Lymphoma Malignant                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2  |
| Trachea                                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |

**SPECIAL SENSES SYSTEM**

|                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Eye             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 88 |
| Adenocarcinoma  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3  |
| Adenoma         |   |   |   |   |   |   |   |   |   | X |   | X |   |   |   | 6  |

\* .. 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                         |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|-------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| <b>B6C3F1 MICE MALE</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|                         |             | 7 | 7 | 7 | 7 | 7 | 3 | 7 | 4 | 7 | 7 | 7 | 7 | 7 | 7 |  |
| <b>0 W/kg</b>           | 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 | 1 | 1 | 1 |  |
|                         |             | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 |  |
|                         |             | 6 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 0 | 2 | 3 |  |
| <b>* TOTALS</b>         |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |

Mast Cell Tumor X 1

**URINARY SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Kidney   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>90</b> |
| Hepatocellular Carcinoma, Metastatic, Liver      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Hepatocholangiocarcinoma, Metastatic, Liver      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Lymphoma Malignant                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>3</b>  |
| Malignant Fibrous Histiocytoma, Metastatic, Skin |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Mast Cell Tumor                                  |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   | <b>1</b>  |
| Urinary Bladder                                  | A | + | + | + | + | + | + | M | + | + | + | + | + | + | + | <b>87</b> |
| Mast Cell Tumor                                  |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   | <b>1</b>  |

**SYSTEMIC LESIONS**

|                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Multiple Organ     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>90</b> |
| Lymphoma Malignant |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>6</b>  |
| Mast Cell Tumor    |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   | <b>1</b>  |

\* .. 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: 20105 - 78  
 Test Type: CHRONIC  
 Route: Whole Body Exposure  
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Cell Phone Radiation: GSM  
 CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017  
 Time Report Requested: 13:43:11  
 First Dose M/F: 06/18/12 / 06/18/12  
 Lab: IIT

|                         |             |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                            |
|-------------------------|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------------|
| <b>B6C3F1 MICE MALE</b> | DAY ON TEST | 0<br>7<br>3<br>8      | 0<br>6<br>6<br>7      | 0<br>7<br>3<br>0      | 0<br>5<br>7<br>2      | 0<br>7<br>3<br>1      | 0<br>7<br>6<br>4      | 0<br>7<br>3<br>3      | 0<br>7<br>2<br>9      | 0<br>7<br>2<br>6      | 0<br>7<br>3<br>8      | 0<br>7<br>3<br>0      | 0<br>7<br>2<br>9      | 0<br>7<br>3<br>8      | 0<br>6<br>6<br>7      | 0<br>6<br>2<br>9      | 0<br>7<br>3<br>2      | 0<br>7<br>3<br>6      | 0<br>7<br>3<br>6      | 0<br>7<br>3<br>3      | 0<br>7<br>3<br>3      | 0<br>7<br>3<br>2      | 0<br>7<br>3<br>8      | <b>males<br/>(cont...)</b> |
|                         | ANIMAL ID   | 0<br>0<br>2<br>1<br>1 | 0<br>0<br>2<br>1<br>2 | 0<br>0<br>2<br>1<br>3 | 0<br>0<br>2<br>1<br>5 | 0<br>0<br>2<br>1<br>6 | 0<br>0<br>2<br>1<br>7 | 0<br>0<br>2<br>2<br>9 | 0<br>0<br>2<br>2<br>0 | 0<br>0<br>2<br>2<br>1 | 0<br>0<br>2<br>2<br>3 | 0<br>0<br>2<br>2<br>4 | 0<br>0<br>2<br>2<br>5 | 0<br>0<br>2<br>2<br>6 | 0<br>0<br>2<br>2<br>7 | 0<br>0<br>2<br>2<br>0 | 0<br>0<br>2<br>2<br>1 | 0<br>0<br>2<br>2<br>2 | 0<br>0<br>2<br>2<br>3 | 0<br>0<br>2<br>2<br>3 | 0<br>0<br>2<br>2<br>3 | 0<br>0<br>2<br>2<br>4 | 0<br>0<br>2<br>2<br>4 |                            |

**ENDOCRINE SYSTEM**

|                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex       | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymphoma Malignant   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Subcapsular, Adenoma |   |   |   |   |   |   | X |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |
| Adrenal Medulla      | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Islets, Pancreatic   | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenoma, Multiple    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Parathyroid Gland    | M | M | + | M | + | M | + | M | + | + | M | + | + | + | M | + | M | + | + | + | + | + | + | + |
| Pituitary Gland      | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | I | + | + | + | + |
| Thyroid Gland        | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Coagulating Gland                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Epididymis                                  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hemangioma                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |
| Hepatocholangiocarcinoma, Metastatic, Liver |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Preputial Gland                             | 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                         |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                            |
|-------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|
| <b>B6C3F1 MICE MALE</b> | DAY ON TEST | 0738 | 0667 | 0730 | 0571 | 0373 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0666 | 0666 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | <b>males<br/>(cont...)</b> |
|                         | ANIMAL ID   | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 |                            |

Lymphoma Malignant

Prostate Lymphoma Malignant +

Seminal Vesicle Lymphoma Malignant + + + + + + + + M + + + + + + + + + + + + + + + + +

Testis Hemangioma Lymphoma Malignant + + + + + + + + A + + + + + + + + + + + + + + + + +

**HEMATOPOIETIC SYSTEM**

Bone Marrow Lymphoma Malignant +

Lymph Node Lymphoma Malignant Sarcoma, Metastatic, Skin +

Lymph Node, Mandibular M M + M + + + + + + + M M M + + + M + + + M M + M

Lymph Node, Mesenteric Hepatocholangiocarcinoma, Metastatic, Liver Lymphoma Malignant + I +

Spleen Hemangiosarcoma Lymphoma Malignant + + + + + 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: 20105 - 78  
 Test Type: CHRONIC  
 Route: Whole Body Exposure  
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Cell Phone Radiation: GSM  
 CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017  
 Time Report Requested: 13:43:11  
 First Dose M/F: 06/18/12 / 06/18/12  
 Lab: IIT

| B6C3F1 MICE MALE | DAY ON TEST |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ANIMAL ID | males<br>(cont...) |      |      |
|------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|--------------------|------|------|
|                  | 0738        | 0667 | 0730 | 0573 | 0736 | 0073 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0666 | 0666 | 0777 | 0777 | 0777 | 0777 |           |                    | 0777 | 0777 |
| 2.5 W/kg         | 0021        | 0002 | 0001 | 0002 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000      | 0000               | 0000 |      |

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Thymus                                      | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hepatocellular Carcinoma, Metastatic, Liver |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatocholangiocarcinoma, Metastatic, Liver |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |

**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                             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Subcutaneous Tissue, Liposarcoma |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Subcutaneous Tissue, Sarcoma     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |

**MUSCULOSKELETAL SYSTEM**

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

**NERVOUS SYSTEM**

|                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain Trigeminal Ganglion | + | + | + | M | M | M | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | M | + |
| Nerve Trigeminal          | + | M | M | + | + | + | + | + | + | + | M | + | M | M | M | + | M | + | + | + | + | M | + |
| Peripheral Nerve, Sciatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

\* .. 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: 20105 - 78  
 Test Type: CHRONIC  
 Route: Whole Body Exposure  
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Cell Phone Radiation: GSM  
 CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017  
 Time Report Requested: 13:43:11  
 First Dose M/F: 06/18/12 / 06/18/12  
 Lab: IIT

| B6C3F1 MICE MALE                            | DAY ON TEST | ANIMAL ID |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | males<br>(cont...) |      |      |  |  |
|---|-------------|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------------------|------|------|--|--|
|   |             | 0738      | 0667 | 0730 | 0573 | 0736 | 0773 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 |                    | 0777 | 0777 |  |  |
| 2.5 W/kg                                    |             | 0         | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 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    |      |  |  |
|   |             | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 3    | 3    | 3    | 3    | 3    | 3    | 3                  | 4    |      |  |  |
|   | 1           | 2         | 3    | 5    | 6    | 7    | 9    | 0    | 1    | 3    | 4    | 5    | 6    | 7    | 0    | 1    | 2    | 5    | 6    | 7    | 8    | 9                  |      |      |  |  |
| Hepatocholangiocarcinoma, Metastatic, Liver |             | X         |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                    |      |      |  |  |
| Lymphoma Malignant                          |             |           |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                    |      |      |  |  |
| Renal Tubule, Adenoma                       |             |           |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                    |      |      |  |  |
| Urinary Bladder                             |             | +         |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                    |      |      |  |  |
| Hemangioma                                  |             | +         |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                    |      |      |  |  |
| Lymphoma Malignant                          |             | +         |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                    |      |      |  |  |
| <b>SYSTEMIC LESIONS</b>                     |             |           |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                    |      |      |  |  |
| Multiple Organ                              |             | +         |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                    |      |      |  |  |
| 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE MALE | DAY ON TEST           |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       | ANIMAL ID             | males<br>(cont...)    |                       |                       |
|------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
|                  | 0<br>7<br>3<br>3      | 0<br>7<br>3<br>8      | 0<br>6<br>1<br>8      | 0<br>7<br>3<br>7      | 0<br>7<br>3<br>3      | 0<br>6<br>1<br>7      | 0<br>7<br>3<br>3      | 0<br>7<br>6<br>3      | 0<br>7<br>3<br>6      | 0<br>7<br>3<br>4      | 0<br>7<br>3<br>3      | 0<br>7<br>3<br>3      | 0<br>7<br>3<br>3      | 0<br>7<br>3<br>3      | 0<br>7<br>3<br>3      | 0<br>7<br>3<br>3      | 0<br>6<br>2<br>5      | 0<br>6<br>0<br>0      | 0<br>5<br>2<br>3      | 0<br>7<br>3<br>3      | 0<br>7<br>3<br>6      | 0<br>7<br>3<br>7      | 0<br>6<br>5<br>0      | 0<br>7<br>3<br>2      |                       |                       | 0<br>7<br>3<br>9      | 0<br>7<br>2<br>2      |
| 2.5 W/kg         | 0<br>0<br>2<br>4<br>4 | 0<br>0<br>2<br>4<br>5 | 0<br>0<br>2<br>4<br>6 | 0<br>0<br>2<br>4<br>7 | 0<br>0<br>2<br>4<br>8 | 0<br>0<br>2<br>4<br>9 | 0<br>0<br>2<br>5<br>0 | 0<br>0<br>2<br>5<br>1 | 0<br>0<br>2<br>5<br>2 | 0<br>0<br>2<br>5<br>3 | 0<br>0<br>2<br>5<br>4 | 0<br>0<br>2<br>5<br>5 | 0<br>0<br>2<br>5<br>6 | 0<br>0<br>2<br>5<br>7 | 0<br>0<br>2<br>5<br>8 | 0<br>0<br>2<br>5<br>9 | 0<br>0<br>2<br>6<br>0 | 0<br>0<br>2<br>6<br>1 | 0<br>0<br>2<br>6<br>2 | 0<br>0<br>2<br>6<br>3 | 0<br>0<br>2<br>6<br>4 | 0<br>0<br>2<br>6<br>5 | 0<br>0<br>2<br>6<br>6 | 0<br>0<br>2<br>6<br>7 | 0<br>0<br>2<br>6<br>8 | 0<br>0<br>2<br>7<br>1 | 0<br>0<br>2<br>7<br>2 | 0<br>0<br>2<br>7<br>3 |

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Thymus                                      | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hepatocellular Carcinoma, Metastatic, Liver |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatocholangiocarcinoma, Metastatic, Liver |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

INTEGUMENTARY SYSTEM

|                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland                    | M | M | M | M | M | M | + | M | + | M | M | M | M | M | M | M | + | M | M | M | M | M | M | M | M | M | M | M |   |
| Skin                             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Subcutaneous Tissue, Liposarcoma |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Subcutaneous Tissue, Sarcoma     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

|                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain Trigeminal Ganglion | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | M |
| Nerve Trigeminal          | + | M | + | + | M | + | + | M | M | + | M | + | + | + | M | + | + | + | M | + | M | + | M | M | M | M | M | M | M |
| Peripheral Nerve, Sciatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

\* .. 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: 20105 - 78

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| B6C3F1 MICE MALE | DAY ON TEST           |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       | ANIMAL ID             | males<br>(cont...)    |
|------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
|                  | 0<br>7<br>3<br>3      | 0<br>7<br>3<br>8      | 0<br>6<br>1<br>8      | 0<br>7<br>3<br>7      | 0<br>7<br>3<br>3      | 0<br>6<br>1<br>7      | 0<br>7<br>3<br>3      | 0<br>7<br>6<br>3      | 0<br>7<br>3<br>6      | 0<br>7<br>4<br>0      | 0<br>7<br>3<br>1      | 0<br>7<br>3<br>7      | 0<br>7<br>3<br>3      | 0<br>7<br>3<br>3      | 0<br>7<br>2<br>3      | 0<br>6<br>5<br>1      | 0<br>6<br>0<br>9      | 0<br>5<br>2<br>3      | 0<br>7<br>3<br>6      | 0<br>7<br>3<br>7      | 0<br>6<br>5<br>0      | 0<br>7<br>3<br>2      | 0<br>7<br>3<br>9      | 0<br>7<br>2<br>9      |                       |                       |
| 2.5 W/kg         | 0<br>0<br>2<br>4<br>4 | 0<br>0<br>2<br>4<br>5 | 0<br>0<br>2<br>4<br>6 | 0<br>0<br>2<br>4<br>7 | 0<br>0<br>2<br>4<br>8 | 0<br>0<br>2<br>4<br>9 | 0<br>0<br>2<br>5<br>0 | 0<br>0<br>2<br>5<br>1 | 0<br>0<br>2<br>5<br>2 | 0<br>0<br>2<br>5<br>3 | 0<br>0<br>2<br>5<br>4 | 0<br>0<br>2<br>5<br>5 | 0<br>0<br>2<br>5<br>6 | 0<br>0<br>2<br>5<br>7 | 0<br>0<br>2<br>5<br>8 | 0<br>0<br>2<br>6<br>0 | 0<br>0<br>2<br>6<br>1 | 0<br>0<br>2<br>6<br>2 | 0<br>0<br>2<br>6<br>3 | 0<br>0<br>2<br>6<br>4 | 0<br>0<br>2<br>6<br>5 | 0<br>0<br>2<br>6<br>6 | 0<br>0<br>2<br>6<br>7 | 0<br>0<br>2<br>7<br>1 | 0<br>0<br>2<br>7<br>2 | 0<br>0<br>2<br>7<br>3 |

Spinal Cord

+ +

RESPIRATORY SYSTEM

Lung

+ +

Adenocarcinoma, Metastatic, Harderian Gland

Alveolar/Bronchiolar Adenoma

Alveolar/Bronchiolar Carcinoma

Hepatoblastoma, Metastatic, Liver

Hepatocellular Carcinoma, Metastatic, Liver

Hepatocholangiocarcinoma, Metastatic, Liver

Lymphoma Malignant

Sarcoma, Metastatic, Skin

X X

Nose

+ +

Trachea

+ +

SPECIAL SENSES SYSTEM

Eye

+ +

Adenocarcinoma, Metastatic, Harderian Gland

Harderian Gland

Adenocarcinoma

Adenoma

Lymphoma Malignant

+ X X X X

URINARY SYSTEM

Kidney

+ +

\* .. 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                         |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                            |       |
|-------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------------|-------|
| <b>B6C3F1 MICE MALE</b> | DAY ON TEST | 0737  | 0547  | 0729  | 0533  | 0729  | 0772  | 0778  | 0770  | 0773  | 0773  | 0773  | 0665  | 0667  | 0773  | 0773  | 0000  | 0773  | 0773  | 0559  | 0773  | 0773  | 0773  | 0773  | <b>males<br/>(cont...)</b> |       |
|                         | ANIMAL ID   | 00274 | 00275 | 00276 | 00277 | 00278 | 00279 | 00280 | 00281 | 00282 | 00283 | 00284 | 00285 | 00286 | 00287 | 00288 | 00289 | 00290 | 00291 | 00292 | 00293 | 00294 | 00295 | 00296 |                            | 00297 |

**ALIMENTARY SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder  | + | + | M | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | A | + | + | + | M | M |   |
| Intestine Large, Cecum   | + | + | + | + | + | A | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + |   |   |
| Intestine Large, Colon   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + |   |   |
| Intestine Large, Rectum  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + |   |   |
| Intestine Small, Duodenum<br>Adenocarcinoma  | + | A | + | + | + | M | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + |   |   |
| Intestine Small, Ileum   | + | + | + | M | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + |   |   |
| Intestine Small, Jejunum<br>Hepatocarcinoma, Metastatic, Liver<br>Lymphoma Malignant | + | A | + | A | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + |   |
| Liver  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Adenocarcinoma, Metastatic, Harderian Gland  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hemangiosarcoma  |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatoblastoma   |   |   |   |   |   |   |   |   |   |   | X |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |
| Hepatocellular Adenoma   |   |   |   | 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 |   |   |   |
| Hepatocellular Carcinoma, Multiple   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |
| Hepatocarcinoma  |   |   |   | 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                         |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                            |
|-------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|
| <b>B6C3F1 MICE MALE</b> | DAY ON TEST | 0737 | 0547 | 0723 | 0523 | 0702 | 0773 | 0773 | 0773 | 0773 | 0773 | 0667 | 0667 | 0733 | 0733 | 0003 | 0003 | 0733 | 0573 | 0773 | 0773 | 0773 | 0773 | <b>males<br/>(cont...)</b> |
|                         | ANIMAL ID   | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 |                            |

Lymphoma Malignant

Mesentery  
Hepatocholangiocarcinoma, Metastatic, Liver  
Fat, Hepatocholangiocarcinoma, Metastatic, Liver

Pancreas  
Hepatocholangiocarcinoma, Metastatic, Liver  
Lymphoma Malignant

Salivary Glands

Stomach, Forestomach  
Squamous Cell Papilloma

Stomach, Glandular

Tooth

**CARDIOVASCULAR SYSTEM**

Aorta  
Hepatocholangiocarcinoma, Metastatic, Liver

Heart  
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung  
Hemangiosarcoma  
Hepatocholangiocarcinoma, Metastatic, Liver

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

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|                         |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                            |   |   |  |
|-------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|---|---|--|
| <b>B6C3F1 MICE MALE</b> | DAY ON TEST | 0737 | 0547 | 0723 | 0523 | 0720 | 0733 | 0733 | 0733 | 0733 | 0733 | 0665 | 0667 | 0733 | 0733 | 0003 | 0733 | 0593 | 0733 | 0733 | 0733 | 0733 | 0733 | <b>males<br/>(cont...)</b> |   |   |  |
|                         | ANIMAL ID   | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 |                            |   |   |  |
| <b>2.5 W/kg</b>         |             | 4    | 5    | 6    | 7    | 8    | 9    | 0    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 1    | 2    | 3    | 4    | 5    | 6    | 7                          | 8 | 9 |  |

**ENDOCRINE SYSTEM**

|                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex       | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymphoma Malignant   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Subcapsular, Adenoma |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |
| Adrenal Medulla      | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Islets, Pancreatic   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenoma, Multiple    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Parathyroid Gland    | M | + | + | + | + | + | + | M | + | + | M | M | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Pituitary Gland      | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Thyroid Gland        | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Coagulating Gland                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Epididymis                                  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hemangioma                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatocholangiocarcinoma, Metastatic, Liver |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Preputial 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: 20105 - 78  
 Test Type: CHRONIC  
 Route: Whole Body Exposure  
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Cell Phone Radiation: GSM  
 CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017  
 Time Report Requested: 13:43:11  
 First Dose M/F: 06/18/12 / 06/18/12  
 Lab: IIT

| B6C3F1 MICE MALE | DAY ON TEST | ANIMAL ID |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | males<br>(cont...) |      |      |      |      |      |      |
|------------------|-------------|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------------------|------|------|------|------|------|------|
|                  |             | 0737      | 0754 | 0772 | 0793 | 0752 | 0770 | 0773 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0766 | 0766 | 0777 | 0777 | 0700 | 0707 | 0737 |                    | 0759 | 0733 | 0733 | 0722 | 0777 | 0777 |
| 2.5 W/kg         |             | 0074      | 0005 | 0007 | 0009 | 0008 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000               | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 |

Lymphoma Malignant

Prostate Lymphoma Malignant +

Seminal Vesicle Lymphoma Malignant +

Testis Hemangioma Lymphoma Malignant + + + + + + X + + + + + + + + + + + + + + + + + + +

HEMATOPOIETIC SYSTEM

Bone Marrow Lymphoma Malignant +

Lymph Node Lymphoma Malignant Sarcoma, Metastatic, Skin + +

Lymph Node, Mandibular + + + + + M + + M + M M M M + + + + + + + + + +

Lymph Node, Mesenteric Hepatocholangiocarcinoma, Metastatic, Liver Lymphoma Malignant + + + M + + + + + + + + + M + + + + + M + + + +

Spleen Hemangiosarcoma Lymphoma Malignant + + + + + + + + + + + + + X + + + + + X X + + + +

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Test Type: CHRONIC

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P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE MALE | DAY ON TEST |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | males<br>(cont...) |
|------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------------------|
|                  | 0737        | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 |                    |
| 2.5 W/kg         | 0074        | 0074 | 0074 | 0074 | 0074 | 0074 | 0074 | 0074 | 0074 | 0074 | 0074 | 0074 | 0074 | 0074 | 0074 | 0074 | 0074 | 0074 | 0074 | 0074 | 0074 | 0074 | 0074               |
|                  | 0074        | 0074 | 0074 | 0074 | 0074 | 0074 | 0074 | 0074 | 0074 | 0074 | 0074 | 0074 | 0074 | 0074 | 0074 | 0074 | 0074 | 0074 | 0074 | 0074 | 0074 | 0074 | 0074               |

Spinal Cord +

RESPIRATORY SYSTEM

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

SPECIAL SENSES SYSTEM

|   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Eye   | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Adenocarcinoma, Metastatic, Harderian Gland |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Harderian Gland                             | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Adenocarcinoma                              |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Adenoma                                     |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lymphoma Malignant                          |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

URINARY SYSTEM

|        |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Kidney | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

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CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                         |                 |           |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                            |
|-------------------------|-----------------|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|
| <b>B6C3F1 MICE MALE</b> | DAY ON TEST     | 0737      | 0547 | 0753 | 0572 | 0772 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0666 | 0666 | 0777 | 0777 | 0000 | 0777 | 0777 | 0555 | 0777 | 0777 | 0777 | 0777 | 0777 | <b>males<br/>(cont...)</b> |
|                         | <b>2.5 W/kg</b> | ANIMAL ID | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 | 0027 |                            |

Hepatocholangiocarcinoma, Metastatic, Liver  
 Lymphoma Malignant  
 Renal Tubule, Adenoma

X

X

Urinary Bladder  
 Hemangioma  
 Lymphoma Malignant

+ +

**SYSTEMIC LESIONS**

Multiple Organ  
 Lymphoma Malignant

+  
 X

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

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

Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

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|                         |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 MICE MALE</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|                         |             | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 |
| <b>2.5 W/kg</b>         |             | 3 | 3 | 3 | 0 | 3 | 3 | 7 | 9 | 3 | 2 | 2 | 6 | 3 | 2 | 3 |
|                         |             | 7 | 6 | 1 | 7 | 2 | 7 | 4 | 0 | 0 | 9 | 6 | 3 | 2 | 9 | 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 | 0 | 0 | 0 | 0 |   |
|                         |             | 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 |   |
|                         |             | 0 | 1 | 2 | 3 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |
| <b>* TOTALS</b>         |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**ALIMENTARY SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Esophagus                                   | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | <b>87</b> |
| Gallbladder                                 | + | M | + | + | + | + | + | + | + | + | A | M | + | M | + | <b>66</b> |
| Intestine Large, Cecum                      | + | + | + | + | + | + | + | + | + | + | A | A | + | + | + | <b>77</b> |
| Intestine Large, Colon                      | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | <b>83</b> |
| Intestine Large, Rectum                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>85</b> |
| Intestine Small, Duodenum                   | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | <b>77</b> |
| Adenocarcinoma                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Intestine Small, Ileum                      | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | <b>79</b> |
| Intestine Small, Jejunum                    | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | <b>79</b> |
| Hepatocholangiocarcinoma, Metastatic, Liver |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Lymphoma Malignant                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Liver                                       | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>89</b> |
| Adenocarcinoma, Metastatic, Harderian Gland |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   | <b>1</b>  |
| Hemangiosarcoma                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>3</b>  |
| Hepatoblastoma                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>3</b>  |
| Hepatocellular Adenoma                      | X |   | X | X | X |   |   |   | X |   |   |   | X | X | X | <b>28</b> |
| Hepatocellular Adenoma, Multiple            |   |   |   |   |   |   |   |   |   |   | X | X |   |   |   | <b>33</b> |
| Hepatocellular Carcinoma                    |   |   | X |   |   |   |   |   |   |   |   |   | X |   | X | <b>23</b> |
| Hepatocellular Carcinoma, Multiple          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2</b>  |
| Hepatocholangiocarcinoma                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>4</b>  |

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

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Test Type: CHRONIC

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P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

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| B6C3F1 MICE MALE                                 | DAY ON TEST |      |      |      |      |      |      |      |      |      |      |      |      |      |      | * TOTALS |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|
|  | 0737        | 0736 | 0731 | 0707 | 0702 | 0707 | 0706 | 0706 | 0707 | 0707 | 0707 | 0706 | 0707 | 0707 | 0703 |          |
| 2.5 W/kg   | 0000        | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 |          |
|  | 3300        | 3300 | 3300 | 3300 | 3300 | 3300 | 3300 | 3300 | 3300 | 3300 | 3300 | 3300 | 3300 | 3300 | 3300 |          |
|  | 0000        | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 |          |
|  | 01          | 02   | 03   | 05   | 06   | 07   | 08   | 09   | 00   | 01   | 02   | 03   | 04   | 05   |      |          |
| Lymphoma Malignant                               |             |      |      |      |      | X    |      |      |      |      |      |      |      |      |      | 2        |
| Mesentery  |             |      |      |      |      | +    |      |      | +    | +    |      |      |      |      |      | 14       |
| Hepatocholangiocarcinoma, Metastatic, Liver      |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1        |
| Fat, Hepatocholangiocarcinoma, Metastatic, Liver |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1        |
| Pancreas   | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | 88       |
| Hepatocholangiocarcinoma, Metastatic, Liver      |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 2        |
| Lymphoma Malignant                               |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 2        |
| Salivary Glands                                  | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | 89       |
| Stomach, Forestomach                             | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | 87       |
| Squamous Cell Papilloma                          |             |      |      |      |      |      |      |      |      |      |      |      |      | X    |      | 1        |
| Stomach, Glandular                               | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | 86       |
| Tooth  | +           | +    |      |      | +    |      |      |      |      | +    |      |      |      | +    |      | 26       |
| <b>CARDIOVASCULAR SYSTEM</b>                     |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |
| Aorta  | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | 89       |
| Hepatocholangiocarcinoma, Metastatic, Liver      |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1        |
| Heart  | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | 89       |
| Alveolar/Bronchiolar Carcinoma, Metastatic, Lung |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1        |
| Hemangiosarcoma                                  |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1        |
| Hepatocholangiocarcinoma, Metastatic, Liver      |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 2        |

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

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|                         |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 MICE MALE</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|                         |             | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 |
| <b>2.5 W/kg</b>         |             | 3 | 3 | 3 | 0 | 3 | 3 | 7 | 9 | 3 | 2 | 2 | 6 | 3 | 2 | 3 |
|                         |             | 7 | 6 | 1 | 7 | 2 | 7 | 4 | 0 | 0 | 9 | 6 | 3 | 2 | 9 | 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 | 0 | 0 | 0 | 0 |   |
|                         |             | 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 |   |
|                         |             | 0 | 1 | 2 | 3 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |
| <b>* TOTALS</b>         |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**ENDOCRINE SYSTEM**

|                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Adrenal Cortex       | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>89</b> |
| Lymphoma Malignant   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Subcapsular, Adenoma |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>3</b>  |
| Adrenal Medulla      | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>88</b> |
| Islets, Pancreatic   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>88</b> |
| Adenoma, Multiple    |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   | <b>1</b>  |
| Parathyroid Gland    | + | M | + | M | M | + | M | + | + | + | M | + | + | + | + | <b>68</b> |
| Pituitary Gland      | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>85</b> |
| Thyroid Gland        | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>88</b> |

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Coagulating Gland                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2</b>  |
| Epididymis                                  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>89</b> |
| Hemangioma                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Hepatocholangiocarcinoma, Metastatic, Liver |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Lymphoma Malignant                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Preputial Gland                             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>88</b> |

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

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Lab: IIT

| B6C3F1 MICE MALE<br>2.5 W/kg       | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | * TOTALS |
|------------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----------|
|                                    | ANIMAL ID   | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7  |          |
|                                    |             | 3 | 3 | 3 | 0 | 3 | 3 | 7 | 9 | 3 | 2 | 2 | 6 | 3 | 2 | 3 | 3  |          |
|                                    |             | 7 | 6 | 1 | 7 | 2 | 7 | 4 | 0 | 0 | 9 | 6 | 3 | 2 | 9 | 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  |          |
|                                    |             | 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  |          |
|                                    |             | 0 | 1 | 2 | 3 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 5  |          |
| Lymphoma Malignant                 |             |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   | 1  |          |
| Prostate                           |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 87 |          |
| Lymphoma Malignant                 |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |          |
| Seminal Vesicle                    |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 88 |          |
| Lymphoma Malignant                 |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |          |
| Testis                             |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 88 |          |
| Hemangioma                         |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |          |
| Lymphoma Malignant                 |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |          |
| <b>HEMATOPOIETIC SYSTEM</b>        |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |          |
| Bone Marrow                        |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 88 |          |
| Lymphoma Malignant                 |             |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   | 2  |          |
| Lymph Node                         |             |   |   |   |   |   |   |   |   |   |   |   |   | + |   |   | 8  |          |
| Lymphoma Malignant                 |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2  |          |
| Sarcoma, Metastatic, Skin          |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |          |
| Lymph Node, Mandibular             |             | + | + | M | M | + | + | + | M | M | M | + | + | + | + | + | 61 |          |
| Lymph Node, Mesenteric             |             | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | 82 |          |
| Hepatocarcinoma, Metastatic, Liver |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |          |
| Lymphoma Malignant                 |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2  |          |
| Spleen                             |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 88 |          |
| Hemangiosarcoma                    |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 4  |          |
| Lymphoma Malignant                 |             |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   | 4  |          |

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 + .. Tissue examined microscopically  
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| B6C3F1 MICE MALE<br>2.5 W/kg                | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | * TOTALS |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----------|
|   | ANIMAL ID   | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7  |          |
|   |             | 3 | 3 | 3 | 0 | 3 | 3 | 7 | 9 | 3 | 2 | 2 | 6 | 3 | 2 | 3 | 3  |          |
|   |             | 7 | 6 | 1 | 7 | 2 | 7 | 4 | 0 | 0 | 9 | 6 | 3 | 2 | 9 | 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  |          |
|   |             | 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  |          |
|   |             | 0 | 1 | 2 | 3 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 5  |          |
| Thymus                                      |             | + | + | + | + | + | + | + | + | + | + | + | M | M | + | + | 83 |          |
| Hepatocellular Carcinoma, Metastatic, Liver |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |          |
| Hepatocholangiocarcinoma, Metastatic, Liver |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3  |          |
| Lymphoma Malignant                          |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |          |
| <b>INTEGUMENTARY SYSTEM</b>                 |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |          |
| Mammary Gland                               |             | M | M | M | M | M | M | + | M | M | M | M | M | M | M | M | 5  |          |
| Skin  |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 89 |          |
| Subcutaneous Tissue, Liposarcoma            |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |          |
| Subcutaneous Tissue, Sarcoma                |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |          |
| <b>MUSCULOSKELETAL SYSTEM</b>               |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |          |
| Bone  |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 88 |          |
| Hepatocholangiocarcinoma, Metastatic, Liver |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |          |
| Skeletal Muscle                             |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 89 |          |
| Hepatocholangiocarcinoma, Metastatic, Liver |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2  |          |
| <b>NERVOUS SYSTEM</b>                       |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |          |
| Brain                                       |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 89 |          |
| Brain Trigeminal Ganglion                   |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 79 |          |
| Nerve Trigeminal                            |             | + | M | + | + | + | + | + | M | + | + | + | + | M | + | + | 53 |          |
| Peripheral Nerve, Sciatic                   |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 89 |          |

\* .. 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE MALE<br>2.5 W/kg                | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
|   | ANIMAL ID   | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 |          |
|   |             | 3 | 3 | 3 | 0 | 3 | 3 | 7 | 9 | 3 | 2 | 2 | 6 | 3 | 2 | 3 |          |
|   |             | 7 | 6 | 1 | 7 | 2 | 7 | 4 | 0 | 0 | 9 | 6 | 3 | 2 | 9 | 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 |          |
|   |             | 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 |          |
|   |             | 0 | 1 | 2 | 3 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |          |
| Spinal Cord                                 |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 89       |
| <b>RESPIRATORY SYSTEM</b>                   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |
| Lung  |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 89       |
| Adenocarcinoma, Metastatic, Harderian Gland |             |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   | 1        |
| Alveolar/Bronchiolar Adenoma                |             | X |   |   |   |   | X |   |   |   |   | X |   |   |   |   | 13       |
| Alveolar/Bronchiolar Carcinoma              |             |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   | 12       |
| Hepatoblastoma, Metastatic, Liver           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1        |
| Hepatocellular Carcinoma, Metastatic, Liver |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 8        |
| Hepatocholangiocarcinoma, Metastatic, Liver |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3        |
| Lymphoma Malignant                          |             |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   | 2        |
| Sarcoma, Metastatic, Skin                   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1        |
| Nose  |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 89       |
| Trachea                                     |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 89       |
| <b>SPECIAL SENSES SYSTEM</b>                |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |
| Eye   |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 89       |
| Adenocarcinoma, Metastatic, Harderian Gland |             |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   | 1        |
| Harderian Gland                             |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 89       |
| Adenocarcinoma                              |             |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   | 2        |
| Adenoma                                     |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 7        |
| Lymphoma Malignant                          |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1        |
| <b>URINARY SYSTEM</b>                       |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |
| Kidney                                      |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 89       |

\* .. 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE MALE<br>2.5 W/kg                | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS  |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
|   | ANIMAL ID   | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 |           |
|   |             | 3 | 3 | 3 | 0 | 3 | 3 | 7 | 9 | 3 | 2 | 2 | 6 | 3 | 2 | 3 | 3 |           |
|   |             | 7 | 6 | 1 | 7 | 2 | 7 | 4 | 0 | 0 | 9 | 6 | 3 | 2 | 9 | 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 |           |
|   |             | 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 |           |
|   |             | 0 | 1 | 2 | 3 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 5 |           |
|   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2</b>  |
| Hepatocholangiocarcinoma, Metastatic, Liver |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2</b>  |
| Lymphoma Malignant                          |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Renal Tubule, Adenoma                       |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
|   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>88</b> |
| Urinary Bladder                             |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |           |
| Hemangioma                                  |             | X | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2</b>  |
| Lymphoma Malignant                          |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| <b>SYSTEMIC LESIONS</b>                     |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |
|   |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |           |
| Multiple Organ                              |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>89</b> |
| Lymphoma Malignant                          |             |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   | <b>4</b>  |

\* .. 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: 20105 - 78  
 Test Type: CHRONIC  
 Route: Whole Body Exposure  
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Cell Phone Radiation: GSM  
 CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017  
 Time Report Requested: 13:43:11  
 First Dose M/F: 06/18/12 / 06/18/12  
 Lab: IIT

|                         |               |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                            |
|-------------------------|---------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------------------------|
| <b>B6C3F1 MICE MALE</b> | DAY ON TEST   | 0<br>7<br>3<br>6 | 0<br>7<br>3<br>9 | 0<br>7<br>3<br>7 | 0<br>7<br>3<br>9 | 0<br>7<br>3<br>8 | 0<br>7<br>3<br>3 | 0<br>7<br>3<br>3 | 0<br>7<br>3<br>6 | 0<br>7<br>3<br>2 | 0<br>7<br>3<br>0 | 0<br>7<br>3<br>1 | 0<br>7<br>3<br>0 | 0<br>7<br>3<br>9 | 0<br>7<br>3<br>9 | 0<br>7<br>3<br>1 | 0<br>7<br>2<br>9 | 0<br>7<br>2<br>9 | 0<br>7<br>3<br>7 | 0<br>7<br>3<br>2 | 0<br>6<br>5<br>4 | 0<br>7<br>3<br>6 | 0<br>7<br>3<br>7 | 0<br>6<br>3<br>3 | 0<br>7<br>3<br>0 | <b>males<br/>(cont...)</b> |
|                         | <b>5 W/kg</b> | ANIMAL ID        | 0<br>4<br>2<br>1 | 0<br>0<br>4<br>2 | 0<br>0<br>4<br>2 | 0<br>0<br>4<br>2 | 0<br>0<br>4<br>2 | 0<br>0<br>4<br>2 | 0<br>0<br>4<br>2 | 0<br>0<br>4<br>2 | 0<br>0<br>4<br>2 | 0<br>0<br>4<br>3 | 0<br>0<br>4<br>3 | 0<br>0<br>4<br>3 | 0<br>0<br>4<br>3 | 0<br>0<br>4<br>3 | 0<br>0<br>4<br>3 | 0<br>0<br>4<br>3 | 0<br>0<br>4<br>3 | 0<br>0<br>4<br>4 | 0<br>0<br>4<br>3 | 0<br>0<br>4<br>4 | 0<br>0<br>4<br>4 | 0<br>0<br>4<br>4 | 0<br>0<br>4<br>4 |                            |

**ALIMENTARY SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder   | + | + | + | + | + | M | + | + | + | + | M | + | M | + | + | + | + | + | + | + | + | + | + | + | + | A |
| Intestine Large, Cecum<br>Leiomyoma                         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | A |   |
| Intestine Large, Colon                                      | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + |   |
| Intestine Large, Rectum                                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + |   |
| Intestine Small, Duodenum<br>Adenoma<br>Histiocytic Sarcoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | A |   |
| Intestine Small, Ileum                                      | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | A |   |
| Intestine Small, Jejunum<br>Lymphoma Malignant              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | A |   |
| Liver   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Hemangioma  |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hemangiosarcoma   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatoblastoma  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatoblastoma, Multiple                                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatocellular Adenoma                                      |   |   |   | X | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X | X |   | X |   |   |   |
| Hepatocellular Adenoma, Multiple                            | X |   |   | X | X |   | X |   | X | X |   |   |   | X | X |   |   |   |   |   |   |   |   |   |   |   |
| Hepatocellular Carcinoma                                    |   |   | 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: 20105 - 78

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/20/2017

Test Type: CHRONIC

Cell Phone Radiation: GSM

Time Report Requested: 13:43:11

Route: Whole Body Exposure

CAS Number: CELLPRADGSM

First Dose M/F: 06/18/12 / 06/18/12

Species/Strain: MICE/B6C3F1

Lab: IIT

| B6C3F1 MICE MALE<br>5 W/kg                                    | DAY ON TEST | 0<br>7<br>3<br>6 | 0<br>7<br>3<br>9 | 0<br>7<br>3<br>7 | 0<br>7<br>3<br>9 | 0<br>7<br>3<br>8 | 0<br>7<br>3<br>3 | 0<br>7<br>3<br>7 | 0<br>7<br>3<br>6 | 0<br>7<br>3<br>2 | 0<br>7<br>3<br>0 | 0<br>7<br>3<br>1 | 0<br>7<br>3<br>0 | 0<br>7<br>3<br>9 | 0<br>5<br>0<br>3 | 0<br>7<br>2<br>9 | 0<br>7<br>2<br>9 | 0<br>7<br>2<br>9 | 0<br>7<br>3<br>7 | 0<br>6<br>5<br>2 | 0<br>7<br>3<br>4 | 0<br>7<br>3<br>6 | 0<br>7<br>3<br>7 | 0<br>6<br>3<br>3 | 0<br>6<br>3<br>0 | males<br>(cont...) |                  |
|---|-------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------|------------------|
|   | ANIMAL ID   | 0<br>4<br>2<br>1 | 0<br>4<br>2<br>2 | 0<br>0<br>4<br>2 | 0<br>0<br>4<br>2 | 0<br>0<br>4<br>2 | 0<br>0<br>4<br>2 | 0<br>0<br>4<br>2 | 0<br>0<br>4<br>2 | 0<br>0<br>4<br>2 | 0<br>0<br>4<br>2 | 0<br>0<br>3<br>3 | 0<br>0<br>3<br>3 | 0<br>0<br>3<br>3 | 0<br>0<br>3<br>3 | 0<br>0<br>3<br>3 | 0<br>0<br>4<br>3 | 0<br>0<br>4<br>3 | 0<br>0<br>4<br>3 | 0<br>0<br>4<br>4 | 0<br>0<br>4<br>4 | 0<br>0<br>4<br>4 | 0<br>0<br>4<br>4 | 0<br>0<br>4<br>4 | 0<br>0<br>4<br>4 |                    | 0<br>0<br>4<br>5 |
| Hepatocellular Carcinoma, Multiple                            |             | X                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                    |                  |
| Mesentery<br>Hemangiosarcoma                                  |             |                  |                  |                  |                  | +                |                  |                  | +                |                  |                  |                  | +                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | +                |                  |                    |                  |
| Pancreas<br>Histiocytic Sarcoma                               |             | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                  | M                |
| Salivary Glands   |             | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                  | +                |
| Stomach, Forestomach<br>Squamous Cell Papilloma               |             | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                  | +                |
| Stomach, Glandular  |             | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                  | +                |
| Tooth   |             |                  |                  | +                | +                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | +                |                  |                  |                  |                  |                  |                  |                    |                  |
| <b>CARDIOVASCULAR SYSTEM</b>                                  |             |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                    |                  |
| Aorta   |             | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                  | +                |
| Heart   |             | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                  | +                |
| <b>ENDOCRINE SYSTEM</b>                                       |             |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                    |                  |
| Adrenal Cortex<br>Histiocytic Sarcoma<br>Subcapsular, Adenoma |             | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                  | +                |
| Adrenal Medulla   |             | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                  | +                |

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

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

Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE MALE<br>5 W/kg             | DAY ON TEST | 0<br>7<br>3<br>6 | 0<br>7<br>3<br>9 | 0<br>7<br>3<br>7 | 0<br>7<br>3<br>9 | 0<br>7<br>3<br>8 | 0<br>7<br>3<br>3 | 0<br>7<br>3<br>7 | 0<br>7<br>3<br>6 | 0<br>7<br>3<br>2 | 0<br>7<br>3<br>0 | 0<br>7<br>3<br>1 | 0<br>7<br>3<br>0 | 0<br>7<br>3<br>3 | 0<br>7<br>3<br>3 | 0<br>7<br>3<br>9 | 0<br>5<br>0<br>3 | 0<br>7<br>2<br>2 | 0<br>7<br>2<br>7 | 0<br>7<br>3<br>3 | 0<br>6<br>5<br>4 | 0<br>7<br>3<br>6 | 0<br>7<br>3<br>7 | 0<br>6<br>5<br>3 | 0<br>7<br>3<br>4 | 0<br>6<br>7<br>3 | 0<br>7<br>3<br>0 | males<br>(cont...) |                  |
|--|-------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------|------------------|
|  | ANIMAL ID   | 0<br>4<br>2<br>1 | 0<br>4<br>2<br>2 | 0<br>0<br>4<br>2 | 0<br>0<br>4<br>2 | 0<br>0<br>4<br>2 | 0<br>0<br>4<br>2 | 0<br>0<br>4<br>2 | 0<br>0<br>4<br>2 | 0<br>0<br>4<br>2 | 0<br>0<br>4<br>2 | 0<br>0<br>4<br>3 | 0<br>0<br>4<br>3 | 0<br>0<br>4<br>3 | 0<br>0<br>4<br>3 | 0<br>0<br>4<br>3 | 0<br>0<br>4<br>3 | 0<br>0<br>4<br>3 | 0<br>0<br>4<br>3 | 0<br>0<br>4<br>3 | 0<br>0<br>4<br>4 | 0<br>0<br>4<br>4 | 0<br>0<br>4<br>4 | 0<br>0<br>4<br>4 | 0<br>0<br>4<br>4 | 0<br>0<br>4<br>4 | 0<br>0<br>4<br>4 |                    | 0<br>0<br>4<br>4 |
| Islets, Pancreatic Carcinoma           |             | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                  |                  |
| Parathyroid Gland                      |             | +                | +                | M                | +                | M                | M                | +                | +                | +                | +                | +                | +                | M                | +                | +                | +                | M                | +                | +                | +                | M                | +                | +                | M                | +                | +                | M                  |                  |
| Pituitary Gland                        |             | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | I                | +                | +                | +                | +                | +                | +                  |                  |
| Thyroid Gland                          |             | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                  |                  |
| <b>GENERAL BODY SYSTEM</b>             |             | NONE             |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                    |                  |
| <b>GENITAL SYSTEM</b>                  |             |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                    |                  |
| Epididymis<br>Histiocytic Sarcoma      |             | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                  |                  |
| Preputial Gland                        |             | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                  |                  |
| Prostate<br>Histiocytic Sarcoma        |             | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                  |                  |
| Seminal Vesicle<br>Histiocytic Sarcoma |             | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                  |                  |
| Testis                                 |             | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                  |                  |
| <b>HEMATOPOIETIC SYSTEM</b>            |             |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                    |                  |
| Bone Marrow                            |             | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                  |                  |

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

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



Experiment Number: 20105 - 78  
 Test Type: CHRONIC  
 Route: Whole Body Exposure  
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Cell Phone Radiation: GSM  
 CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017  
 Time Report Requested: 13:43:11  
 First Dose M/F: 06/18/12 / 06/18/12  
 Lab: IIT

| B6C3F1 MICE MALE<br>5 W/kg | 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 | ANIMAL ID | males<br>(cont...) |
|----------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--------------------|
|                            |             | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |           |                    |
|                            |             | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |           |                    |
|                            |             | 6 | 9 | 7 | 9 | 8 | 3 | 7 | 6 | 2 | 0 | 1 | 0 | 9 | 3 | 9 | 1 | 9 | 9 | 7 | 2 | 4 | 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 |           |                    |
|                            |             | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |           |                    |
|                            |             | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 |           |                    |
|                            |             | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 |           |                    |

Hemangiosarcoma

Lymph Node

Histiocytic Sarcoma

Lymphoma Malignant

Lymph Node, Mandibular

Lymph Node, Mesenteric

Histiocytic Sarcoma

Lymphoma Malignant

Spleen

Hemangiosarcoma

Lymphoma Malignant

Thymus

Histiocytic Sarcoma

Lymphoma Malignant

Thymoma Benign

### INTEGUMENTARY SYSTEM

Mammary Gland

Skin

Keratoacanthoma

Sebaceous Gland, Adenoma

Subcutaneous Tissue, Hemangiosarcoma

Subcutaneous Tissue, Malignant Fibrous

Histiocytoma

\* .. 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

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P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

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First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                         |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| <b>B6C3F1 MICE MALE</b> | DAY ON TEST | 0736 | 0739 | 0773 | 0778 | 0773 | 0776 | 0773 | 0772 | 0770 | 0771 | 0770 | 0773 | 0779 | 0753 | 0773 | 0772 | 0772 | 0773 | 0772 | 0764 | 0773 | 0773 | 0766 | 0773 | 0773 | 0766 | 0773 |
|                         | ANIMAL ID   | 0042 | 0042 | 0002 | 0002 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 |
| <b>5 W/kg</b>           |             | 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...)

Subcutaneous Tissue, Malignant Fibrous Histiocytoma, Multiple

MUSCULOSKELETAL SYSTEM

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Skeletal Muscle                             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hepatocellular Carcinoma, Metastatic, Liver |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |

NERVOUS SYSTEM

|                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain Trigeminal Ganglion | + | + | M | M | + | + | + | M | + | + | + | M | + | + | M | M | + | + | + | + | + | + | + | + | + | + | + |
| Nerve Trigeminal          | M | + | + | M | + | M | + | + | + | M | M | M | + | M | + | + | M | + | + | + | + | M | + | + | + | + |   |
| Peripheral Nerve, Sciatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Spinal Cord               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

RESPIRATORY SYSTEM

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Alveolar/Bronchiolar Adenoma                |   |   |   |   |   | X |   |   |   |   |   | X | X |   |   | X |   |   |   |   |   |   |   |   |   |   |   |
| Alveolar/Bronchiolar Adenoma, Multiple      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Alveolar/Bronchiolar Carcinoma              |   |   | X |   | X |   |   |   | X |   |   |   |   | X |   |   | X |   |   | X |   |   |   |   |   |   |   |
| Alveolar/Bronchiolar Carcinoma, Multiple    |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatocellular Carcinoma, Metastatic, Liver |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |
| 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                         |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>B6C3F1 MICE MALE</b> | DAY ON TEST | 0736  | 0739  | 0737  | 0733  | 0738  | 0733  | 0737  | 0736  | 0732  | 0730  | 0731  | 0730  | 0739  | 0739  | 0733  | 0732  | 0739  | 0737  | 0732  | 0733  | 0735  | 0733  | 0733  | 0730  | 0736  | 0737  | 0737  | 0736  | 0733  |
|                         | ANIMAL ID   | 00421 | 00422 | 00423 | 00424 | 00425 | 00426 | 00427 | 00428 | 00429 | 00430 | 00431 | 00432 | 00433 | 00434 | 00435 | 00436 | 00437 | 00438 | 00439 | 00440 | 00441 | 00442 | 00443 | 00444 | 00445 | 00446 | 00447 | 00448 | 00449 |

males (cont...)

Mediastinum  
Hibernoma

Nose

Trachea

**SPECIAL SENSES SYSTEM**

Eye

Harderian Gland  
Adenocarcinoma  
Adenoma

**URINARY SYSTEM**

Kidney  
Renal Tubule, Adenoma

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

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

**Experiment Number:** 20105 - 78  
**Test Type:** CHRONIC  
**Route:** Whole Body Exposure  
**Species/Strain:** MICE/B6C3F1

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
 Cell Phone Radiation: GSM  
**CAS Number:** CELLPRADGSM

**Date Report Requested:** 10/20/2017  
**Time Report Requested:** 13:43:11  
**First Dose M/F:** 06/18/12 / 06/18/12  
**Lab:** IIT

|  |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |     |     |     |  |  |  |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|--|--|--|
| <b>B6C3F1 MICE MALE</b><br><br><b>5 W/kg</b> | DAY ON TEST | 0738 | 0731 | 0729 | 0733 | 0729 | 0731 | 0766 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 |      |      |     |     |     |     |  |  |  |
|  | ANIMAL ID   | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 |     |     |     |     |  |  |  |
|  |             | 448  | 449  | 440  | 442  | 443  | 444  | 445  | 446  | 447  | 448  | 449  | 441  | 442  | 443  | 444  | 445  | 446  | 447  | 448  | 449  | 440  | 441  | 442  | 443  | 444  | 445  | 446  | 447  | 448  | 449  | 440  | 441  | 442  | 443  | 444  | 445  | 446 | 447 | 448 | 449 |  |  |  |
|  |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |     |     |     |  |  |  |

**males**  
**(cont...)**

**ALIMENTARY SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Esophagus  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |   |   |   |   |   |   |  |
| Gallbladder  | + | + | + | + | + | + | + | + | + | M | M | + | + | M | + | M | + | + | + | + | M | M | M | + |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Intestine Large, Cecum<br>Leiomyoma  | + | + | + | + | + | + | + | A | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |   |   |   |  |
| Intestine Large, Colon   | + | + | + | + | + | + | + | A | + | + | A | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |   |   |  |
| Intestine Large, Rectum  | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |   |   |  |
| Intestine Small, Duodenum<br>Adenoma<br>Histiocytic Sarcoma                            | + | + | + | + | + | + | + | A | + | + | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |   |  |
| Intestine Small, Ileum   | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |   |  |
| Intestine Small, Jejunum<br>Lymphoma Malignant   | + | + | + | + | + | + | + | A | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |  |
| Liver<br>Hemangioma<br>Hemangiosarcoma<br>Hepatoblastoma<br>Hepatoblastoma, Multiple   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
| Hepatocellular Adenoma<br>Hepatocellular Adenoma, Multiple<br>Hepatocellular Carcinoma |   |   |   |   |   |   |   | X |   | X |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |

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 Time Report Requested: 13:43:11  
 First Dose M/F: 06/18/12 / 06/18/12  
 Lab: IIT

| B6C3F1 MICE MALE<br>5 W/kg                                    | DAY ON TEST      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | ANIMAL ID | males<br>(cont...) |  |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|--------------------|--|
|   | 0<br>7<br>3<br>8 | 0<br>7<br>3<br>1 | 0<br>7<br>2<br>9 | 0<br>7<br>3<br>3 | 0<br>7<br>2<br>9 | 0<br>7<br>3<br>1 | 0<br>7<br>3<br>6 | 0<br>7<br>3<br>5 | 0<br>7<br>3<br>0 | 0<br>7<br>3<br>7 | 0<br>7<br>3<br>6 | 0<br>7<br>3<br>0 | 0<br>7<br>3<br>3 | 0<br>7<br>3<br>9 | 0<br>7<br>3<br>1 | 0<br>7<br>6<br>7 | 0<br>7<br>3<br>3 | 0<br>7<br>2<br>2 | 0<br>7<br>3<br>7 | 0<br>7<br>2<br>9 | 0<br>6<br>4<br>0 | 0<br>7<br>2<br>9 | 0<br>7<br>3<br>7 | 0<br>7<br>3<br>9 |           |                    |  |
| Hepatocellular Carcinoma, Multiple                            |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | X                |           |                    |  |
| Mesentery<br>Hemangiosarcoma                                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | +                |           |                    |  |
| Pancreas<br>Histiocytic Sarcoma                               | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | M                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                |           |                    |  |
| Salivary Glands   | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | M                | +                | +                | +                | +                | +                | +                | +                |           |                    |  |
| Stomach, Forestomach<br>Squamous Cell Papilloma               | +                | +                | +                | +                | +                | +                | +                | A                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                |                  |           |                    |  |
| Stomach, Glandular  | +                | +                | +                | +                | +                | +                | +                | A                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                |                  |           |                    |  |
| Tooth   |                  |                  | +                | +                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | +                | +         | +                  |  |
| <b>CARDIOVASCULAR SYSTEM</b>                                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |  |
| Aorta   | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                |                  |           |                    |  |
| Heart   | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                |                  |           |                    |  |
| <b>ENDOCRINE SYSTEM</b>                                       |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                    |  |
| Adrenal Cortex<br>Histiocytic Sarcoma<br>Subcapsular, Adenoma | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                |                  |           |                    |  |
| Adrenal Medulla   | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                |                  |           |                    |  |

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

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

Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE MALE<br>5 W/kg   | DAY ON TEST | 0738   | 0731   | 0772   | 0773   | 0779   | 0771   | 0776   | 0777   | 0773   | 0770   | 0773   | 0773   | 0773   | 0776   | 0773   | 0772   | 0773   | 0777   | 0772   | 0779   | 0776   | 0777   | 0777   | 0773   | 0773   | ANIMAL ID | males<br>(cont...) |
|------------------------------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----------|--------------------|
|                              | ANIMAL ID   | 004446 | 004448 | 004449 | 004450 | 004451 | 004452 | 004453 | 004454 | 004455 | 004456 | 004457 | 004458 | 004459 | 004460 | 004461 | 004462 | 004463 | 004464 | 004465 | 004466 | 004467 | 004468 | 004469 | 004470 | 004471 |           |                    |
| Islets, Pancreatic Carcinoma |             | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | X         |                    |
| Parathyroid Gland            |             | M      | +      | +      | +      | +      | M      | +      | +      | +      | M      | +      | +      | +      | +      | +      | +      | +      | +      | M      | +      | +      | +      | +      | +      | M      | M         |                    |
| Pituitary Gland              |             | +      | +      | +      | +      | +      | +      | +      | +      | +      | M      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +         |                    |
| Thyroid Gland                |             | +      | +      | +      | +      | +      | M      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +         |                    |
| <b>GENERAL BODY SYSTEM</b>   |             |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |           |                    |
| NONE                         |             |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |           |                    |
| <b>GENITAL SYSTEM</b>        |             |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |           |                    |
| Epididymis                   |             | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +         |                    |
| Histiocytic Sarcoma          |             |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |           |                    |
| Preputial Gland              |             | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +         |                    |
| Prostate                     |             | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +         |                    |
| Histiocytic Sarcoma          |             |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |           |                    |
| Seminal Vesicle              |             | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +         |                    |
| Histiocytic Sarcoma          |             |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |           |                    |
| Testis                       |             | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +         |                    |
| <b>HEMATOPOIETIC SYSTEM</b>  |             |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |           |                    |
| Bone Marrow                  |             | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +         |                    |

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

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Lab: IIT

|                         |                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                            |   |
|-------------------------|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------------|---|
| <b>B6C3F1 MICE MALE</b> | <b>DAY ON TEST</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                          |   |
|                         |                    | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7                          | 7 |
|                         |                    | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 3 | 3 | 6 | 3 | 2 | 3 | 3 | 2 | 4 | 2 | 3 | 3                          | 3 |
| <b>5 W/kg</b>           | <b>ANIMAL ID</b>   | 8 | 1 | 9 | 3 | 9 | 1 | 6 | 5 | 7 | 6 | 0 | 3 | 9 | 1 | 6 | 7 | 1 | 9 | 2 | 7 | 9 | 0 | 9 | 9                          |   |
|                         |                    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                          |   |
|                         |                    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                          |   |
|                         |                    | 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 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 8 | 8 |                            |   |
|                         |                    | 6 | 8 | 9 | 0 | 2 | 3 | 4 | 5 | 7 | 9 | 1 | 2 | 3 | 4 | 5 | 8 | 9 | 3 | 4 | 5 | 6 | 9 | 0 |                            |   |
|                         |                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>males<br/>(cont...)</b> |   |

Hemangiosarcoma

Lymph Node

Histiocytic Sarcoma

Lymphoma Malignant

Lymph Node, Mandibular

Lymph Node, Mesenteric

Histiocytic Sarcoma

Lymphoma Malignant

Spleen

Hemangiosarcoma

Lymphoma Malignant

Thymus

Histiocytic Sarcoma

Lymphoma Malignant

Thymoma Benign

**INTEGUMENTARY SYSTEM**

Mammary Gland

Skin

Keratoacanthoma

Sebaceous Gland, Adenoma

Subcutaneous Tissue, Hemangiosarcoma

Subcutaneous Tissue, Malignant Fibrous

Histiocytoma

\* .. 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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|                         |             |  |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |                    |                            |
|-------------------------|-------------|--|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|--------------------|----------------------------|
| <b>B6C3F1 MICE MALE</b> | DAY ON TEST |  | 0<br>7<br>3<br>8           | 0<br>7<br>3<br>1           | 0<br>7<br>2<br>9           | 0<br>7<br>3<br>3           | 0<br>7<br>2<br>9           | 0<br>7<br>3<br>1           | 0<br>7<br>3<br>6           | 0<br>7<br>3<br>5           | 0<br>7<br>3<br>7           | 0<br>7<br>3<br>6           | 0<br>7<br>3<br>0           | 0<br>7<br>3<br>3           | 0<br>7<br>3<br>3           | 0<br>7<br>3<br>1           | 0<br>7<br>6<br>6           | 0<br>7<br>3<br>2           | 0<br>7<br>7<br>3           | 0<br>7<br>2<br>4           | 0<br>6<br>7<br>0           | 0<br>7<br>2<br>9           | 0<br>7<br>3<br>7           | 0<br>7<br>3<br>9           | males<br>(cont...) |                            |
|                         | ANIMAL ID   |  | 0<br>0<br>4<br>4<br>4<br>6 | 0<br>0<br>4<br>4<br>4<br>8 | 0<br>0<br>4<br>4<br>5<br>9 | 0<br>0<br>4<br>4<br>5<br>0 | 0<br>0<br>4<br>4<br>5<br>2 | 0<br>0<br>4<br>4<br>5<br>3 | 0<br>0<br>4<br>4<br>5<br>4 | 0<br>0<br>4<br>4<br>5<br>5 | 0<br>0<br>4<br>4<br>5<br>5 | 0<br>0<br>4<br>4<br>5<br>7 | 0<br>0<br>4<br>4<br>5<br>9 | 0<br>0<br>4<br>4<br>6<br>1 | 0<br>0<br>4<br>4<br>6<br>2 | 0<br>0<br>4<br>4<br>6<br>3 | 0<br>0<br>4<br>4<br>6<br>4 | 0<br>0<br>4<br>4<br>6<br>5 | 0<br>0<br>4<br>4<br>6<br>8 | 0<br>0<br>4<br>4<br>7<br>3 | 0<br>0<br>4<br>4<br>7<br>4 | 0<br>0<br>4<br>4<br>7<br>5 | 0<br>0<br>4<br>4<br>7<br>6 | 0<br>0<br>4<br>4<br>7<br>7 |                    | 0<br>0<br>4<br>4<br>7<br>9 |

Subcutaneous Tissue, Malignant Fibrous Histiocytoma, Multiple

MUSCULOSKELETAL SYSTEM

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Skeletal Muscle                             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hepatocellular Carcinoma, Metastatic, Liver |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

NERVOUS SYSTEM

|                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain Trigeminal Ganglion | + | + | + | M | + | + | M | + | + | + | + | + | M | + | + | + | + | + | + | M | + | + | + | + | + | M |   |
| Nerve Trigeminal          | + | + | M | + | + | M | + | + | + | + | + | M | + | + | + | + | + | + | + | M | + | + | M | + | + | + |   |
| Peripheral Nerve, Sciatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Spinal Cord               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

RESPIRATORY SYSTEM

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Alveolar/Bronchiolar Adenoma                |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |
| Alveolar/Bronchiolar Adenoma, Multiple      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Alveolar/Bronchiolar Carcinoma              | X |   |   |   | X | X | X |   |   |   |   |   | X | X |   |   |   |   |   | X |   |   |   |   |   |   |   |
| Alveolar/Bronchiolar Carcinoma, Multiple    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatocellular Carcinoma, Metastatic, Liver |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   | X |   |   |   |   |   |   | X |   |
| 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  
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| B6C3F1 MICE MALE                      | DAY ON TEST | 0738   | 0731   | 0729   | 0733   | 0729   | 0771   | 0777   | 0765   | 0777   | 0777   | 0777   | 0777   | 0777   | 0777   | 0777   | 0777   | 0777   | 0777   | 0777   | 0777   | 0777   | 0777   | 0777   | ANIMAL ID | males<br>(cont...) |        |
|---------------------------------------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----------|--------------------|--------|
|                                       | 5 W/kg      | 004446 | 004445 | 004455 | 004455 | 004455 | 004455 | 004455 | 004455 | 004455 | 004455 | 004466 | 004466 | 004466 | 004466 | 004466 | 004466 | 004477 | 004477 | 004477 | 004477 | 004499 | 004499 | 004499 |           |                    | 004499 |
| Mediastinum<br>Hibernoma              |             |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |           |                    |        |
| Nose                                  |             | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +         |                    |        |
| Trachea                               |             | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +         |                    |        |
| <b>SPECIAL SENSES SYSTEM</b>          |             |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |           |                    |        |
| Eye                                   |             | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      |           |                    |        |
| Harderian Gland<br>Adenocarcinoma     |             | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      |           |                    |        |
| Adenoma                               |             | X      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | X      |        |        |        |        |           |                    |        |
| <b>URINARY SYSTEM</b>                 |             |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |           |                    |        |
| Kidney<br>Renal Tubule, Adenoma       |             | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      |           |                    |        |
| Urinary Bladder                       |             | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      |           |                    |        |
| <b>SYSTEMIC LESIONS</b>               |             |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |           |                    |        |
| Multiple Organ<br>Histiocytic Sarcoma |             | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      | +      |           |                    |        |
| Lymphoma Malignant                    |             | X      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |           |                    |        |

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

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

|                         |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| <b>B6C3F1 MICE MALE</b> | DAY ON TEST | 0733 | 0604 | 0608 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 |      |
|                         | 5 W/kg      | 0048 | 0048 | 0048 | 0048 | 0048 | 0048 | 0048 | 0048 | 0048 | 0048 | 0048 | 0048 | 0048 | 0048 | 0048 | 0048 | 0048 | 0048 | 0048 | 0048 | 0048 | 0048 | 0048 | 0048 | 0048 | 0048 | 0048 |
|                         | ANIMAL ID   | 33   | 44   | 55   | 77   | 88   | 99   | 00   | 11   | 22   | 33   | 44   | 55   | 66   | 77   | 88   | 99   | 00   | 11   | 22   | 44   | 55   | 66   | 77   | 88   | 99   | 00   | 11   |

males  
(cont...)

**ALIMENTARY SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | M | + | + | + | + |
| Gallbladder   | + | + | A | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | M | + | + | + |
| Intestine Large, Cecum<br>Leiomyoma                         | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon                                      | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum                                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum<br>Adenoma<br>Histiocytic Sarcoma | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum                                      | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum<br>Lymphoma Malignant              | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hemangioma  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hemangiosarcoma   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatoblastoma  |   |   |   | X |   |   |   |   |   | X |   |   |   |   |   | X | X |   |   |   |   |   |   |   | X |
| Hepatoblastoma, Multiple                                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatocellular Adenoma                                      |   |   | X |   |   |   |   | X | X |   |   | X |   |   |   | X | X |   |   | X | X | X | X | X | X |
| Hepatocellular Adenoma, Multiple                            | X |   |   | X | X |   | X | X |   |   | X |   |   |   | X | X | X | X |   | X | X | X | X | X | X |
| Hepatocellular Carcinoma                                    | X | X |   |   | X | X |   | X |   |   | X |   |   |   |   | X | X |   | X |   |   | X | 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|  |             |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                    |
|--|-------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------|
| <b>B6C3F1 MICE MALE</b><br><b>5 W/kg</b> | DAY ON TEST | 0<br>7<br>3<br>3 | 0<br>6<br>0<br>4 | 0<br>6<br>8<br>2 | 0<br>7<br>3<br>7 | 0<br>7<br>3<br>2 | 0<br>7<br>3<br>3 | 0<br>7<br>3<br>9 | 0<br>7<br>3<br>9 | 0<br>7<br>3<br>2 | 0<br>7<br>3<br>0 | 0<br>7<br>3<br>0 | 0<br>7<br>3<br>2 | 0<br>7<br>3<br>8 | 0<br>7<br>3<br>0 | 0<br>7<br>3<br>1 | 0<br>7<br>3<br>0 | 0<br>7<br>3<br>6 | 0<br>7<br>3<br>8 | 0<br>7<br>3<br>6 | 0<br>7<br>3<br>1 | 0<br>7<br>3<br>0 | 0<br>7<br>3<br>3 | 0<br>7<br>3<br>2 |                  |                  |                    |
|  | ANIMAL ID   | 0<br>4<br>8<br>3 | 0<br>0<br>4<br>8 | 0<br>0<br>4<br>8 | 0<br>0<br>4<br>8 | 0<br>0<br>4<br>8 | 0<br>0<br>4<br>8 | 0<br>0<br>9<br>0 | 0<br>0<br>9<br>1 | 0<br>0<br>9<br>2 | 0<br>0<br>9<br>3 | 0<br>0<br>9<br>4 | 0<br>0<br>9<br>5 | 0<br>0<br>9<br>6 | 0<br>0<br>9<br>7 | 0<br>0<br>9<br>8 | 0<br>0<br>9<br>9 | 0<br>0<br>0<br>0 | 0<br>0<br>5<br>4 | 0<br>0<br>5<br>5 | 0<br>0<br>5<br>5 | 0<br>0<br>5<br>5 | 0<br>0<br>5<br>6 | 0<br>0<br>5<br>7 | 0<br>0<br>5<br>8 | 0<br>0<br>5<br>9 | males<br>(cont...) |

Hepatocellular Carcinoma, Multiple

Mesentery  
Hemangiosarcoma

Pancreas  
Histiocytic Sarcoma

Salivary Glands

Stomach, Forestomach  
Squamous Cell Papilloma

Stomach, Glandular

Tooth

**CARDIOVASCULAR SYSTEM**

Aorta

Heart

**ENDOCRINE SYSTEM**

Adrenal Cortex  
Histiocytic Sarcoma  
Subcapsular, Adenoma

Adrenal Medulla

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

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

| B6C3F1 MICE MALE<br>5 W/kg | DAY ON TEST | 0733  | 0664  | 0682  | 0737  | 0772  | 0773  | 0773  | 0773  | 0773  | 0773  | 0773  | 0773  | 0773  | 0773  | 0773  | 0773  | 0773  | 0773  | 0773  | 0773  | 0773  | 0773  | 0773  | 0773  | ANIMAL ID | males<br>(cont...) |
|----------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|--------------------|
|                            | ANIMAL ID   | 00483 | 00488 | 00488 | 00488 | 00488 | 00488 | 00488 | 00488 | 00488 | 00488 | 00488 | 00488 | 00488 | 00488 | 00488 | 00488 | 00488 | 00488 | 00488 | 00488 | 00488 | 00488 | 00488 | 00488 |           |                    |

|                              |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Islets, Pancreatic Carcinoma | +         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Parathyroid Gland            | + + M + + + + + + + + + + + + + + M M + + M + + + + +   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Pituitary Gland              | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Thyroid Gland                | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

|                                     |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Epididymis Histiocytic Sarcoma      | + + + + + + + + + + + + + + + + X + + + + + + + + + +   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Preputial Gland                     | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Prostate Histiocytic Sarcoma        | + + + + + + + + + + + + + + + + X + + + + + + + + + +   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Seminal Vesicle Histiocytic Sarcoma | + + + + + + + + + + + + + + + + X + + + + + + + + + +   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Testis                              | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**HEMATOPOIETIC SYSTEM**

|             |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Bone Marrow | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

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

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



**Experiment Number:** 20105 - 78  
**Test Type:** CHRONIC  
**Route:** Whole Body Exposure  
**Species/Strain:** MICE/B6C3F1

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
 Cell Phone Radiation: GSM  
 CAS Number: CELLPRADGSM

**Date Report Requested:** 10/20/2017  
**Time Report Requested:** 13:43:11  
**First Dose M/F:** 06/18/12 / 06/18/12  
**Lab:** IIT

| B6C3F1 MICE MALE | DAY ON TEST |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ANIMAL ID | males<br>(cont...) |
|------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|--------------------|
|                  | 0733        | 0604 | 0608 | 0607 | 0607 | 0607 | 0607 | 0607 | 0607 | 0607 | 0607 | 0607 | 0607 | 0607 | 0607 | 0607 | 0607 | 0607 | 0607 | 0607 | 0607 |           |                    |
| 5 W/kg           | 0083        | 0004 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 |           |                    |
|                  | 4883        | 4884 | 4885 | 4887 | 4888 | 4889 | 4890 | 4891 | 4892 | 4893 | 4894 | 4895 | 4896 | 4897 | 4898 | 4899 | 4900 | 4901 | 4902 | 4904 | 4905 |           |                    |

Subcutaneous Tissue, Malignant Fibrous  
 Histiocytoma, Multiple

**MUSCULOSKELETAL SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Skeletal Muscle                             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hepatocellular Carcinoma, Metastatic, Liver |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**NERVOUS SYSTEM**

|                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain Trigeminal Ganglion | + | + | M | + | + | + | + | M | + | + | M | + | M | + | + | + | M | + | + | M | + | + |
| Nerve Trigeminal          | + | + | + | + | + | + | + | + | M | M | M | M | + | M | M | + | + | + | + | + | + | + |
| Peripheral Nerve, Sciatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Spinal Cord               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

**RESPIRATORY SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Alveolar/Bronchiolar Adenoma                |   | X | X | X |   | X |   |   |   |   |   |   |   |   |   | X |   | X |   |   |   | X |
| Alveolar/Bronchiolar Adenoma, Multiple      |   |   |   |   |   |   | X |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |
| Alveolar/Bronchiolar Carcinoma              |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |
| Alveolar/Bronchiolar Carcinoma, Multiple    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatocellular Carcinoma, Metastatic, Liver |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 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  
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Experiment Number: 20105 - 78  
 Test Type: CHRONIC  
 Route: Whole Body Exposure  
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Cell Phone Radiation: GSM  
 CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017  
 Time Report Requested: 13:43:11  
 First Dose M/F: 06/18/12 / 06/18/12  
 Lab: IIT

|                         |               |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                            |                       |                       |
|-------------------------|---------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------------|-----------------------|-----------------------|
| <b>B6C3F1 MICE MALE</b> | DAY ON TEST   | 0<br>7<br>3<br>3      | 0<br>6<br>0<br>4      | 0<br>6<br>8<br>2      | 0<br>7<br>3<br>7      | 0<br>7<br>3<br>2      | 0<br>7<br>3<br>3      | 0<br>7<br>3<br>9      | 0<br>7<br>3<br>9      | 0<br>7<br>3<br>2      | 0<br>7<br>3<br>0      | 0<br>7<br>3<br>0      | 0<br>7<br>3<br>2      | 0<br>7<br>3<br>8      | 0<br>7<br>3<br>0      | 0<br>7<br>3<br>1      | 0<br>7<br>3<br>0      | 0<br>7<br>3<br>6      | 0<br>7<br>3<br>8      | 0<br>7<br>3<br>6      | 0<br>7<br>3<br>1      | 0<br>7<br>3<br>0      | 0<br>7<br>3<br>2      | <b>males<br/>(cont...)</b> |                       |                       |
|                         | <b>5 W/kg</b> | 0<br>0<br>4<br>8<br>3 | 0<br>0<br>4<br>8<br>4 | 0<br>0<br>4<br>8<br>5 | 0<br>0<br>4<br>8<br>8 | 0<br>0<br>4<br>8<br>9 | 0<br>0<br>4<br>8<br>0 | 0<br>0<br>4<br>9<br>1 | 0<br>0<br>4<br>9<br>2 | 0<br>0<br>4<br>9<br>3 | 0<br>0<br>4<br>9<br>4 | 0<br>0<br>4<br>9<br>5 | 0<br>0<br>4<br>9<br>6 | 0<br>0<br>4<br>9<br>7 | 0<br>0<br>4<br>9<br>8 | 0<br>0<br>4<br>9<br>9 | 0<br>0<br>5<br>0<br>0 | 0<br>0<br>5<br>0<br>1 | 0<br>0<br>5<br>0<br>2 | 0<br>0<br>5<br>0<br>4 | 0<br>0<br>5<br>0<br>5 | 0<br>0<br>5<br>0<br>6 | 0<br>0<br>5<br>0<br>7 |                            | 0<br>0<br>5<br>0<br>8 | 0<br>0<br>5<br>0<br>9 |
|                         | ANIMAL ID     |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                            |                       |                       |

Mediastinum  
Hibernoma

Nose

Trachea

**SPECIAL SENSES SYSTEM**

Eye

Harderian Gland  
Adenocarcinoma  
Adenoma

**URINARY SYSTEM**

Kidney  
Renal Tubule, Adenoma

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

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
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Experiment Number: 20105 - 78

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Route: Whole Body Exposure

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Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE MALE | DAY ON TEST | 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 | 5 | 5 |
| 5 W/kg           | ANIMAL ID   | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 |
|                  |             | 8 | 3 | 7 | 3 | 2 | 8 | 1 | 6 | 2 | 8 | 8 | 8 | 0 | 3 | 3 | 5 | 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 | 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 |   |
|                  |             | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |   |
|                  |             | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 4 | 5 | 5 |   |
| <b>* TOTALS</b>  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**ALIMENTARY SYSTEM**

|                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Esophagus                        | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 88 |
| Gallbladder                      | + | + | + | + | + | + | + | + | M | + | M | + | + | + | + | + | 74 |
| Intestine Large, Cecum           | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 84 |
| Leiomyoma                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Intestine Large, Colon           | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 85 |
| Intestine Large, Rectum          | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 86 |
| Intestine Small, Duodenum        | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 83 |
| Adenoma                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Histiocytic Sarcoma              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Intestine Small, Ileum           | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 85 |
| Intestine Small, Jejunum         | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 82 |
| Lymphoma Malignant               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Liver                            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |
| Hemangioma                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Hemangiosarcoma                  |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   | 2  |
| Hepatoblastoma                   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   | 8  |
| Hepatoblastoma, Multiple         |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   | 1  |
| Hepatocellular Adenoma           |   |   | X |   |   | X |   | X | X | X |   | X |   |   |   |   | 20 |
| Hepatocellular Adenoma, Multiple | X | X |   |   | X | X |   |   | X |   | X |   | X |   |   |   | 46 |
| Hepatocellular Carcinoma         |   |   |   |   |   | X |   |   |   |   | X |   |   |   |   |   | 28 |

\* .. 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE MALE<br>5 W/kg                   | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
|  | ANIMAL ID   | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 5 |          |
| Hepatocellular Carcinoma, Multiple           |             | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 5 | 2        |
| Mesentery Hemangiosarcoma                    |             | 8 | 3 | 7 | 3 | 2 | 8 | 1 | 6 | 2 | 8 | 8 | 8 | 0 | 3 | 5 |   | 13       |
| Pancreas Histiocytic Sarcoma                 |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1        |
| Salivary Glands                              |             | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 88       |
| Stomach, Forestomach Squamous Cell Papilloma |             | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1        |
| Stomach, Glandular                           |             | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 4 | 5 |   | 89       |
| Tooth  |             |   |   |   | + | + |   |   |   |   |   |   |   |   |   |   |   | 89       |
| <b>CARDIOVASCULAR SYSTEM</b>                 |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |
| Aorta  |             | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | 2        |
| Heart  |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90       |
| <b>ENDOCRINE SYSTEM</b>                      |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |
| Adrenal Cortex Histiocytic Sarcoma           |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 89       |
| Adrenal Cortex Subcapsular, Adenoma          |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1        |
| Adrenal Medulla                              |             | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | 3        |
|  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 88       |

\* .. 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE MALE<br>5 W/kg   | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | * TOTALS |
|------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----------|
|                              | ANIMAL ID   | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 5  |          |
|                              |             | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4  |          |
|                              |             | 8 | 3 | 7 | 3 | 2 | 8 | 1 | 6 | 2 | 8 | 8 | 8 | 0 | 3 | 5 | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0  |          |
|                              |             | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5  |          |
|                              |             | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2  |          |
|                              |             | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 4 | 5 | 5  |          |
| Islets, Pancreatic Carcinoma |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 | 1        |
| Parathyroid Gland            |             | + | + | + | M | + | M | + | + | + | M | M | M | + | M | + | 67 |          |
| Pituitary Gland              |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 87 |          |
| Thyroid Gland                |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 88 |          |
| <b>GENERAL BODY SYSTEM</b>   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |          |
| NONE                         |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |          |
| <b>GENITAL SYSTEM</b>        |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |          |
| Epididymis                   |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 | 1        |
| Histiocytic Sarcoma          |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |          |
| Preputial Gland              |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |          |
| Prostate                     |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 | 1        |
| Histiocytic Sarcoma          |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |          |
| Seminal Vesicle              |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 | 1        |
| Histiocytic Sarcoma          |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |          |
| Testis                       |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |          |
| <b>HEMATOPOIETIC SYSTEM</b>  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |          |
| Bone Marrow                  |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |          |

\* .. 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE MALE<br>5 W/kg | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
|----------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
|                            | ANIMAL ID   | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 |          |
|                            |             | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |          |
|                            |             | 8 | 3 | 7 | 3 | 2 | 8 | 1 | 6 | 2 | 8 | 8 | 8 | 0 | 3 | 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 | 0 | 0 | 0 | 0 | 0 |          |
|                            |             | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |          |
|                            |             | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |          |
|                            |             | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 4 | 5 |          |

|                        |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|------------------------|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Hemangiosarcoma        |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Lymph Node             |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 7  |
| Histiocytic Sarcoma    |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Lymphoma Malignant     |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Lymph Node, Mandibular |  | + | M | + | + | M | + | + | + | M | + | + | + | M | M | + | 63 |
| Lymph Node, Mesenteric |  | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | 88 |
| Histiocytic Sarcoma    |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Lymphoma Malignant     |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Spleen                 |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 89 |
| Hemangiosarcoma        |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Lymphoma Malignant     |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Thymus                 |  | + | + | + | + | + | + | + | M | + | + | + | + | + | I | + | 81 |
| Histiocytic Sarcoma    |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Lymphoma Malignant     |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Thymoma Benign         |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |

**INTEGUMENTARY SYSTEM**

|   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Mammary Gland                                       |  | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | 2  |
| Skin  |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |
| Keratoacanthoma                                     |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Sebaceous Gland, Adenoma                            |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Subcutaneous Tissue, Hemangiosarcoma                |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2  |
| Subcutaneous Tissue, Malignant Fibrous Histiocytoma |  |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   | 4  |

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

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

Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                         |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 MICE MALE</b> | DAY ON TEST | 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 | 5 | 5 |
| <b>5 W/kg</b>           | 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 |
|                         |             | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 |
|                         |             | 8 | 3 | 7 | 3 | 2 | 8 | 1 | 6 | 2 | 8 | 8 | 8 | 0 | 3 | 5 |   |   |
| <b>* TOTALS</b>         |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

Subcutaneous Tissue, Malignant Fibrous Histiocytoma, Multiple

X

1

**MUSCULOSKELETAL SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |
| Skeletal Muscle                             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |
| Hepatocellular Carcinoma, Metastatic, Liver |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |

**NERVOUS SYSTEM**

|                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Brain                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |
| Brain Trigeminal Ganglion | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | 72 |
| Nerve Trigeminal          | M | M | + | + | + | M | + | M | + | + | + | + | + | + | + | + | + | 66 |
| Peripheral Nerve, Sciatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |
| Spinal Cord               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |

**RESPIRATORY SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Lung  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |
| Alveolar/Bronchiolar Adenoma                |   |   |   |   |   |   |   | X | X |   |   |   |   |   |   |   |   | 16 |
| Alveolar/Bronchiolar Adenoma, Multiple      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2  |
| Alveolar/Bronchiolar Carcinoma              |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   | 15 |
| Alveolar/Bronchiolar Carcinoma, Multiple    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Hepatocellular Carcinoma, Metastatic, Liver |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 6  |
| 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: 20105 - 78

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Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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Lab: IIT

|                         |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|-------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| <b>B6C3F1 MICE MALE</b> | DAY ON TEST | 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 | 5 | 5 |  |
| <b>5 W/kg</b>           | 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 |  |
|                         |             | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 |  |
|                         |             | 8 | 3 | 7 | 3 | 2 | 8 | 1 | 6 | 2 | 8 | 8 | 8 | 0 | 3 | 5 | 5 |  |
|                         |             | 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 |  |
|                         |             | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  |
|                         |             | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 4 | 5 | 5 |  |
| <b>* TOTALS</b>         |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |

|             |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |
|-------------|--|--|--|--|--|--|--|---|---|--|--|--|--|--|--|--|--|---|
| Mediastinum |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  | 2 |
| Hibernoma   |  |  |  |  |  |  |  | X | X |  |  |  |  |  |  |  |  | 2 |

|      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

|         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Trachea | + | + | + | + | + | + | + | + | + | I | + | + | + | + | + | + | 89 |
|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

**SPECIAL SENSES SYSTEM**

|     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |
|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

|                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

|                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
|----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| Adenocarcinoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
|----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|

|         |   |  |  |  |  |  |  |  |  |  |   |  |  |   |  |  |    |
|---------|---|--|--|--|--|--|--|--|--|--|---|--|--|---|--|--|----|
| Adenoma | X |  |  |  |  |  |  |  |  |  | X |  |  | X |  |  | 11 |
|---------|---|--|--|--|--|--|--|--|--|--|---|--|--|---|--|--|----|

**URINARY SYSTEM**

|        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |
|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

|                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
|-----------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| Renal Tubule, Adenoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
|-----------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|

|                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

**SYSTEMIC LESIONS**

|                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

|                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
|---------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
|---------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|

|                    |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |   |
|--------------------|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|---|
| 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                         |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                            |       |       |       |
|-------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------------|-------|-------|-------|
| <b>B6C3F1 MICE MALE</b> | DAY ON TEST | 0737  | 0733  | 0733  | 0533  | 0722  | 0463  | 0733  | 0763  | 0773  | 0693  | 0733  | 0778  | 0772  | 0772  | 0773  | 0773  | 0673  | 0773  | 0773  | 0773  | 0661  | 0763  | <b>males<br/>(cont...)</b> |       |       |       |
|                         | ANIMAL ID   | 00631 | 00633 | 00634 | 00635 | 00636 | 00637 | 00638 | 00639 | 00640 | 00641 | 00642 | 00643 | 00644 | 00645 | 00646 | 00647 | 00648 | 00649 | 00650 | 00651 | 00652 | 00653 |                            | 00654 | 00655 | 00656 |

**ALIMENTARY SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus                                 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder                               | + | + | + | + | + | + | + | + | + | + | + | + | + | A | M | + | + | + | + | + | + | + | + | M | A | + | + |
| Histiocytic Sarcoma                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Intestine Large, Cecum                    | + | + | + | + | + | + | A | + | + | + | + | + | + | A | + | + | + | + | A | + | + | + | + | A | + | + | + |
| Intestine Large, Colon                    | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum                   | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum                 | + | + | + | A | + | + | A | + | + | + | + | + | + | A | + | + | + | + | A | + | + | + | + | A | + | + | + |
| Intestine Small, Ileum                    | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | + | + | + | + | A | + | + | + |
| Intestine Small, Jejunum                  | + | + | + | A | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | + | + | + | + | A | + | + | + |
| Adenocarcinoma                            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant                        |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Liver                                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Carcinoma, Metastatic, Islets, Pancreatic |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hemangiosarcoma                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatoblastoma                            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatocellular Adenoma                    |   |   |   |   | X |   | X |   |   |   |   |   |   | X |   |   |   | X |   |   |   |   |   | X |   |   |   |
| Hepatocellular Adenoma, Multiple          | X |   |   |   |   |   |   | X |   | X |   |   | X |   |   | X | X |   |   |   |   | X |   | X |   |   | X |
| Hepatocellular Carcinoma                  |   |   | X | X |   |   |   |   |   |   |   |   | X | X |   |   |   |   |   |   |   | X |   | X |   |   | X |
| Hepatocellular Carcinoma, Multiple        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |
| 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                         |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                |           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                            |
|-------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------------|
| <b>B6C3F1 MICE MALE</b> | DAY ON TEST | 0737 | 0733 | 0733 | 0533 | 0722 | 0463 | 0733 | 0763 | 0693 | 0733 | 0768 | 0722 | 0772 | 0773 | 0773 | 0673 | 0773 | 0773 | 0773 | 0673 | 0767 | 0767 | <b>10 W/kg</b> | ANIMAL ID | 00631 | 00633 | 00634 | 00635 | 00636 | 00637 | 00638 | 00639 | 00640 | 00641 | 00642 | 00643 | 00644 | 00645 | 00646 | 00647 | 00648 | 00649 | 00650 | 00651 | 00652 | 00653 | 00654 | 00655 | 00656 | 00657 | 00658 | <b>males<br/>(cont...)</b> |
|                         |             | 0737 | 0733 | 0733 | 0533 | 0722 | 0463 | 0733 | 0763 | 0693 | 0733 | 0768 | 0722 | 0772 | 0773 | 0773 | 0673 | 0773 | 0773 | 0773 | 0673 | 0767 | 0767 |                |           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                            |

Lymphoma Malignant

Mesentery  
Histiocytic Sarcoma  
Lymphoma Malignant

Pancreas  
Histiocytic Sarcoma

Salivary Glands  
Histiocytic Sarcoma

Stomach, Forestomach  
Histiocytic Sarcoma

Stomach, Glandular  
Histiocytic Sarcoma

Tooth

**CARDIOVASCULAR SYSTEM**

Aorta

Heart  
Alveolar/Bronchiolar Carcinoma, Metastatic,  
Lung  
Hemangiosarcoma

**ENDOCRINE 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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Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE MALE<br>10 W/kg | 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<br>(cont...) |   |   |
|-----------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--------------------|---|---|
|                             | 7           | 7 | 7 | 5 | 7 | 4 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 |           |                    | 6 | 7 |
|                             |             | 3 | 3 | 3 | 3 | 2 | 6 | 3 | 3 | 9 | 3 | 3 | 8 | 2 | 2 | 3 | 3 | 3 | 3 | 7 | 3 | 3 | 3 | 3 | 3 | 1 | 3         |                    |   |   |
|                             |             | 7 | 0 | 0 | 8 | 9 | 4 | 5 | 0 | 0 | 8 | 0 | 9 | 9 | 9 | 6 | 6 | 2 | 0 | 2 | 2 | 0 | 3 | 3 | 8 | 6 | 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                  |   |   |
|                             |             | 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                  |   |   |
|                             |             | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5         | 5                  |   |   |
|                             |             | 1 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 4 | 5 | 7 | 8 | 8         |                    |   |   |
| Adrenal Cortex              |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +         |                    |   |   |
| Lymphoma Malignant          |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |                    |   |   |
| Adrenal Medulla             |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M         |                    |   |   |
| Islets, Pancreatic          |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +         |                    |   |   |
| Adenoma                     |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |                    |   |   |
| Carcinoma                   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |                    |   |   |
| Parathyroid Gland           |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | M | + | + | + | + | + | + | + | +         |                    |   |   |
| Pituitary Gland             |             | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +         |                    |   |   |
| Thyroid Gland               |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +         |                    |   |   |
| <b>GENERAL BODY SYSTEM</b>  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |                    |   |   |
| Tissue NOS                  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |                    |   |   |
| Lymphoma Malignant          |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |                    |   |   |
| <b>GENITAL SYSTEM</b>       |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |                    |   |   |
| Coagulating Gland           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |                    |   |   |
| Histiocytic Sarcoma         |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |                    |   |   |
| Epididymis                  |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +         |                    |   |   |
| Preputial Gland             |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +         |                    |   |   |
| Prostate                    |             | + | + | + | + | + | 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  
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Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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Lab: IIT

|                         |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                            |   |   |   |   |   |   |   |
|-------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------------|---|---|---|---|---|---|---|
| <b>B6C3F1 MICE MALE</b> | 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 | <b>males<br/>(cont...)</b> |   |   |   |   |   |   |   |
|                         | ANIMAL ID   | 7 | 7 | 7 | 5 | 7 | 4 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 3 | 3 | 3 | 7 | 6 | 7 | 7 | 3 | 3 | 3 | 3 |                            | 7 | 7 | 3 | 3 | 3 | 1 | 6 |

**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 | M | M | M | M | M |   |  |
| Skin  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
| Subcutaneous Tissue, Fibrosarcoma                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Subcutaneous Tissue, Hemangioma                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Subcutaneous Tissue, Malignant Fibrous Histiocytoma |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |

**MUSCULOSKELETAL SYSTEM**

|                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Skeletal Muscle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

**NERVOUS SYSTEM**

|                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Brain Trigeminal Ganglion | + | + | + | + | + | + | + | + | + | M | + | + | + | + | M | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Nerve Trigeminal          | M | + | + | + | + | + | + | + | M | + | M | M | + | + | + | + | + | M | + | M | M | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Peripheral Nerve, Sciatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Spinal Cord               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

**RESPIRATORY SYSTEM**

|      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

\* .. 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE MALE<br>10 W/kg                      | DAY ON TEST      |                  | ANIMAL ID        |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | males<br>(cont...) |                  |                  |  |  |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------|------------------|------------------|--|--|
|  | 0<br>7<br>3<br>7 | 0<br>7<br>3<br>0 | 0<br>7<br>3<br>0 | 0<br>5<br>3<br>8 | 0<br>7<br>2<br>9 | 0<br>4<br>6<br>4 | 0<br>7<br>3<br>5 | 0<br>7<br>3<br>0 | 0<br>6<br>9<br>0 | 0<br>7<br>3<br>8 | 0<br>7<br>3<br>0 | 0<br>6<br>9<br>9 | 0<br>7<br>2<br>9 | 0<br>7<br>3<br>6 | 0<br>7<br>3<br>6 | 0<br>7<br>3<br>2 | 0<br>7<br>3<br>0 | 0<br>6<br>7<br>2 | 0<br>7<br>3<br>2 | 0<br>7<br>3<br>0 | 0<br>7<br>3<br>3 | 0<br>7<br>3<br>8 |                    | 0<br>6<br>1<br>6 | 0<br>7<br>3<br>3 |  |  |
| Alveolar/Bronchiolar Adenoma                     |                  |                  | X                |                  |                  |                  |                  |                  |                  | X                |                  |                  |                  |                  |                  |                  |                  | X                |                  |                  | X                |                  |                    |                  |                  |  |  |
| Alveolar/Bronchiolar Adenoma, Multiple           |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                    |                  |                  |  |  |
| Alveolar/Bronchiolar Carcinoma                   | X                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | X                | X                |                  |                  |                  |                  |                  | X                | X                | X                |                  |                    |                  |                  |  |  |
| Alveolar/Bronchiolar Carcinoma, Multiple         |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                    |                  |                  |  |  |
| Carcinoma, Metastatic, Islets, Pancreatic        |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                    |                  |                  |  |  |
| Hepatoblastoma, Metastatic, Liver                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                    |                  |                  |  |  |
| Hepatocellular Carcinoma, Metastatic, Liver      |                  |                  |                  | X                |                  |                  |                  |                  |                  |                  |                  |                  |                  | X                |                  |                  |                  |                  |                  |                  |                  |                  |                    |                  |                  |  |  |
| Histiocytic Sarcoma                              |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                    |                  |                  |  |  |
| Leukemia Granulocytic                            |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                    |                  |                  |  |  |
| Lymphoma Malignant                               |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                    |                  |                  |  |  |
| Mediastinum                                      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                    |                  | +                |  |  |
| Alveolar/Bronchiolar Carcinoma, Metastatic, Lung |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                    |                  | X                |  |  |
| Nose   | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                  | +                | +                |  |  |
| Trachea  | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                  | +                | +                |  |  |
| <b>SPECIAL SENSES SYSTEM</b>                     |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                    |                  |                  |  |  |
| Eye  | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                  | +                | +                |  |  |
| Harderian Gland Adenoma                          | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | X                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                  | +                | +                |  |  |
| <b>URINARY SYSTEM</b>                            |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                    |                  |                  |  |  |
| Kidney   | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                  | +                | +                |  |  |
| Alveolar/Bronchiolar Carcinoma, Metastatic, Lung |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                    |                  |                  |  |  |

\* .. 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: 20105 - 78  
Test Type: CHRONIC  
Route: Whole Body Exposure  
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
Cell Phone Radiation: GSM  
CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017  
Time Report Requested: 13:43:11  
First Dose M/F: 06/18/12 / 06/18/12  
Lab: IIT

|   |             |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                            |                  |                  |  |
|---|-------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------------------------|------------------|------------------|--|
| <b>B6C3F1 MICE MALE</b><br><br><b>10 W/kg</b> | DAY ON TEST | 0<br>7<br>3<br>7 | 0<br>7<br>3<br>0 | 0<br>7<br>3<br>3 | 0<br>5<br>3<br>8 | 0<br>7<br>2<br>9 | 0<br>4<br>6<br>4 | 0<br>7<br>3<br>5 | 0<br>7<br>3<br>0 | 0<br>6<br>9<br>0 | 0<br>7<br>3<br>8 | 0<br>7<br>3<br>2 | 0<br>6<br>8<br>9 | 0<br>7<br>3<br>2 | 0<br>7<br>3<br>9 | 0<br>7<br>3<br>6 | 0<br>6<br>3<br>2 | 0<br>7<br>7<br>2 | 0<br>7<br>3<br>3 | 0<br>6<br>7<br>3 | 0<br>7<br>3<br>3 | 0<br>7<br>3<br>8 | 0<br>6<br>1<br>6 | 0<br>7<br>3<br>3 | <b>males<br/>(cont...)</b> |                  |                  |  |
|   | ANIMAL ID   | 0<br>6<br>3<br>1 | 0<br>6<br>3<br>3 | 0<br>6<br>3<br>3 | 0<br>6<br>3<br>5 | 0<br>6<br>3<br>6 | 0<br>6<br>3<br>7 | 0<br>6<br>3<br>8 | 0<br>6<br>3<br>9 | 0<br>6<br>3<br>0 | 0<br>6<br>4<br>1 | 0<br>6<br>4<br>2 | 0<br>6<br>4<br>3 | 0<br>6<br>4<br>4 | 0<br>6<br>4<br>5 | 0<br>6<br>4<br>6 | 0<br>6<br>4<br>7 | 0<br>6<br>5<br>8 | 0<br>6<br>5<br>9 | 0<br>6<br>5<br>0 | 0<br>6<br>5<br>1 | 0<br>6<br>5<br>2 | 0<br>6<br>5<br>3 | 0<br>6<br>5<br>4 |                            | 0<br>6<br>5<br>5 | 0<br>6<br>5<br>6 |  |
|   |             |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                            |                  |                  |  |

Lymphoma Malignant

Urinary Bladder

Urothelium, Papilloma

+  
X

### SYSTEMIC LESIONS

Multiple Organ

Histiocytic Sarcoma

Leukemia Granulocytic

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

|                         |                |                        |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------------|----------------|------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>B6C3F1 MICE MALE</b> | DAY ON TEST    | 0738                   | 0737  | 0736  | 0735  | 0734  | 0733  | 0732  | 0731  | 0730  | 0729  | 0728  | 0727  | 0726  | 0725  | 0724  | 0723  | 0722  | 0721  | 0720  | 0719  | 0718  | 0717  | 0716  | 0715  | 0714  | 0713  | 0712  | 0711  | 0710  | 0709  | 0708  | 0707  | 0706  |
|                         | <b>10 W/kg</b> | 00659                  | 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 | 00666 | 00666 | 00666 | 00666 | 00666 |
|                         |                | <b>males (cont...)</b> |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |

**ALIMENTARY SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Esophagus                                 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |   |  |
| Gallbladder                               | + | + | + | + | + | A | + | + | + | + | A | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |   |   |  |
| Histiocytic Sarcoma                       |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Lymphoma Malignant                        |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Intestine Large, Cecum                    | + | + | + | + | + | A | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |   |  |
| Intestine Large, Colon                    | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |  |
| Intestine Large, Rectum                   | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |  |
| Intestine Small, Duodenum                 | + | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |  |
| Intestine Small, Ileum                    | + | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |  |
| Intestine Small, Jejunum                  | + | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
| Adenocarcinoma                            |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Lymphoma Malignant                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Liver                                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
| Carcinoma, Metastatic, Islets, Pancreatic |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Hemangiosarcoma                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Hepatoblastoma                            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Hepatocellular Adenoma                    | X |   |   |   | X |   | X | X |   |   |   |   | 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        |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Histiocytic Sarcoma                       |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
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Experiment Number: 20105 - 78

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Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|   |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>B6C3F1 MICE MALE</b><br><b>10 W/kg</b> | DAY ON TEST | 0738  | 0737  | 0736  | 0731  | 0722  | 0726  | 0744  | 0771  | 0778  | 0788  | 0788  | 0755  | 0764  | 0766  | 0773  | 0777  | 0773  | 0733  | 0733  | 0729  | 0729  | 0723  | 0733  | 0733  | 0772  |
|   | ANIMAL ID   | 00659 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 |

males (cont...)

|                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |   |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|--|--|--|---|---|--|--|--|--|--|--|--|--|---|---|
| Lymphoma Malignant   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |   |
| Mesentery            |   |   |   |   |   |   |   |   |   |   |   |   |   |   | + |   |   |   |   |   |   |   |   |   |   |   |   |   |   | + | + |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |   |
| Histiocytic Sarcoma  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |   |
| Lymphoma Malignant   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |   |
| Pancreas             | + | + | + | + | + | + | M | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |   |   |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |   |
| Histiocytic Sarcoma  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |   |
| Salivary Glands      | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + |   |   |   |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |   |
| Histiocytic Sarcoma  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |   |
| Stomach, Forestomach | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |   |   |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |   |
| Histiocytic Sarcoma  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |   |
| Stomach, Glandular   | + | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |   |   |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |   |
| Histiocytic Sarcoma  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |   |
| Tooth                |   |   |   |   |   |   |   |   |   |   |   |   |   |   | + |   |   |   |   |   |   |   |   |   |   |   |   |   |   | + |   |  |  |  |  |  |  |  | + | + |  |  |  |  |  |  |  |  | + | + |

**CARDIOVASCULAR SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|--|--|--|--|
| Aorta  | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |  |  |  |  |  |  |  |  |
| Heart  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |  |  |  |  |  |  |  |  |
| Alveolar/Bronchiolar Carcinoma, Metastatic, Lung |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |  |  |  |  |  |  |  |  |
| Hemangiosarcoma                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |  |  |  |  |  |  |  |  |

**ENDOCRINE 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE MALE<br>10 W/kg | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ANIMAL ID | males<br>(cont...) |   |
|-----------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--------------------|---|
|                             | 7           | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 2 | 2 | 7 | 7 |           |                    | 7 |
|                             |             | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 8 | 2 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | 9 | 3 | 3 | 3         |                    |   |
|                             |             | 8 | 7 | 6 | 1 | 2 | 6 | 4 | 7 | 1 | 8 | 8 | 5 | 4 | 6 | 1 | 8 | 3 | 1 | 1 | 0 | 9 | 9 | 7 | 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         |                    |   |
|                             |             | 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         |                    |   |
|                             |             | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8         |                    |   |
|                             |             | 9 | 0 | 1 | 3 | 4 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 2 | 3 | 4 | 5 | 6         |                    |   |

|                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymphoma Malignant |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Adrenal Medulla    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Islets, Pancreatic | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenoma            |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |
| Carcinoma          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Parathyroid Gland  | M | M | M | + | M | M | M | + | M | + | M | + | + | + | + | + | M | + | + | + | + | + | M | + |   |
| Pituitary Gland    | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Thyroid Gland      | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

GENERAL BODY SYSTEM

|                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Tissue NOS         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lymphoma Malignant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

GENITAL SYSTEM

|                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Coagulating Gland   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Histiocytic Sarcoma |   |   |   |   |   |   |   |   |   | + |   |   |   |   |   |   | + |   |   |   |   | + |   |   | + |
| Epididymis          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Preputial Gland     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Prostate            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                         |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |  |
|-------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| <b>B6C3F1 MICE MALE</b> | DAY ON TEST | 078   | 073   | 076   | 073   | 073   | 072   | 076   | 074   | 077   | 071   | 078   | 078   | 045   | 062   | 066   | 061   | 064   | 063   | 063   | 063   | 060   | 069   | 062   | 069   | 063   | 063   | 063   | 062   |  |  |
|                         | ANIMAL ID   | 00659 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00667 | 00667 | 00677 | 00677 | 00677 | 00677 | 00678 | 00678 | 00678 | 00678 | 00678 | 00678 | 00688 | 00688 | 00688 | 00688 | 00688 | 00688 | 00688 | 00688 |  |  |

males (cont...)

|                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Seminal Vesicle     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

|        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Testis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

HEMATOPOIETIC SYSTEM

|                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Bone Marrow           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
| Hemangiosarcoma       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Leukemia Granulocytic |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Lymphoma Malignant    |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |

|                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
|---------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| Lymph Node          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | + |
| Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| Lymphoma Malignant  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |

|                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|--|--|--|--|
| Lymph Node, Mandibular | + | + | + | + | + | M | + | + | M | + | M | I | + | + | + | M | M | M | + | + | + | M | + | + | + |  |  |  |  |  |  |  |  |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|--|--|--|--|

|                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + |  |
| Histiocytic Sarcoma    |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Lymphoma Malignant     |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |

|                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Spleen                | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
| Hemangiosarcoma       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Histiocytic Sarcoma   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Leukemia Granulocytic |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Lymphoma Malignant    |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |

|        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Thymus | + | + | + | M | + | + | M | + | + | + | M | + | M | + | M | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

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

M .. Missing tissue  
A .. Autolysis precludes evaluation  
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Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

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Lab: IIT

|                         |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                            |
|-------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------------|
| <b>B6C3F1 MICE MALE</b> | DAY ON TEST | 0738  | 0737  | 0736  | 0731  | 0732  | 0726  | 0744  | 0771  | 0778  | 0783  | 0781  | 0738  | 0733  | 0738  | 0731  | 0733  | 0731  | 0733  | 0729  | 0729  | 0737  | 0733  | 0732  | <b>males<br/>(cont...)</b> |
|                         | ANIMAL ID   | 00659 | 00661 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 |                            |

**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 |
| Skin  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Subcutaneous Tissue, Fibrosarcoma                   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Subcutaneous Tissue, Hemangioma                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |
| Subcutaneous Tissue, Malignant Fibrous Histiocytoma |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**MUSCULOSKELETAL SYSTEM**

|                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Skeletal Muscle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

**NERVOUS SYSTEM**

|                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain Trigeminal Ganglion | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | M | + | M | + | + | + | + |
| Nerve Trigeminal          | + | + | + | + | + | M | M | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | M | + | + |
| Peripheral Nerve, Sciatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Spinal Cord               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

**RESPIRATORY SYSTEM**

|      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
X .. Lesion present  
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Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE MALE<br><br>10 W/kg                  | 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<br>(cont...) |   |  |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------|---|--|
|  |             | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 2 | 2 | 7 | 7 |                    |   |  |
|  | ANIMAL ID   | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 8 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 3 |                    |   |  |
|  |             | 8 | 7 | 6 | 1 | 2 | 6 | 4 | 7 | 1 | 8 | 8 | 5 | 4 | 6 | 1 | 8 | 3 | 1 | 1 | 0 | 9 | 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 | 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                  |   |  |
|  |             | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8                  |   |  |
|  |             | 9 | 0 | 1 | 3 | 4 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 2 | 3 | 4 | 5                  | 6 |  |
| Alveolar/Bronchiolar Adenoma                     |             | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   | X |   | X |   |   |                    |   |  |
| Alveolar/Bronchiolar Adenoma, Multiple           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |   |  |
| Alveolar/Bronchiolar Carcinoma                   |             |   |   |   | X |   |   |   |   | X |   | X | X |   |   |   |   |   |   |   |   |   |   |   | X                  |   |  |
| Alveolar/Bronchiolar Carcinoma, Multiple         |             |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |   |  |
| Carcinoma, Metastatic, Islets, Pancreatic        |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |   |  |
| Hepatoblastoma, Metastatic, Liver                |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |   |  |
| Hepatocellular Carcinoma, Metastatic, Liver      |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |   |  |
| Histiocytic Sarcoma                              |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |   |  |
| Leukemia Granulocytic                            |             |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |                    |   |  |
| Lymphoma Malignant                               |             |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |   |  |
| Mediastinum                                      |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |   |  |
| Alveolar/Bronchiolar Carcinoma, Metastatic, Lung |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |   |  |
| Nose   |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +                  |   |  |
| Trachea  |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +                  |   |  |
| <b>SPECIAL SENSES SYSTEM</b>                     |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |   |  |
| Eye  |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +                  |   |  |
| Harderian Gland Adenoma                          |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +                  |   |  |
|  |             |   |   |   | X |   |   |   |   |   |   |   |   |   | X |   |   |   | X |   |   |   |   |   |                    |   |  |
| <b>URINARY SYSTEM</b>                            |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |   |  |
| Kidney   |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +                  |   |  |
| Alveolar/Bronchiolar Carcinoma, Metastatic, Lung |             |   |   |   |   |   |   |   |   |   |   |   |   | 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE MALE<br>10 W/kg | 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 | males<br>(cont...) |
|-----------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------|
|                             | ANIMAL ID   | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |                    |
|                             |             | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 3 |                    |
|                             |             | 8 | 7 | 6 | 1 | 2 | 6 | 4 | 7 | 1 | 8 | 8 | 5 | 4 | 6 | 1 | 8 | 3 | 3 | 1 | 1 | 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 |                    |
|                             |             | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |                    |
|                             |             | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 |                    |
|                             |             | 9 | 0 | 1 | 3 | 4 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 2 | 3 |                    |
| Lymphoma Malignant          |             |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |
| Urinary Bladder             |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |                    |
| Urothelium, Papilloma       |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |                    |

**SYSTEMIC LESIONS**

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

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

M .. Missing tissue  
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Route: Whole Body Exposure

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P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

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First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| 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 |
|------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                  |             | 7 | 6 | 7 | 3 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 10 W/kg          | ANIMAL ID   | 3 | 7 | 3 | 5 | 3 | 2 | 3 | 3 | 8 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 5 |
|                  |             | 0 | 4 | 6 | 2 | 7 | 9 | 0 | 1 | 9 | 2 | 6 | 8 | 2 | 7 | 9 | 1 | 0 | 1 | 9 | 8 | 3 | 6 | 2 | 3 | 3 | 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 |
|                  |             | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|                  |             | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
|                  |             | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 4 | 5 | 6 | 7 | 9 | 0 | 1 | 2 | 3 | 5 |   |

males  
(cont...)

ALIMENTARY SYSTEM

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus                                 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Gallbladder                               | + | + | + | + | + | + | + | + | + | M | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A |   |
| Histiocytic Sarcoma                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Intestine Large, Cecum                    | + | A | + | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A |   |
| Intestine Large, Colon                    | + | A | + | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A |   |
| Intestine Large, Rectum                   | + | A | + | A | + | + | + | + | + | + | M | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + |   |
| Intestine Small, Duodenum                 | + | A | + | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | M |   |
| Intestine Small, Ileum                    | + | A | + | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A |   |
| Intestine Small, Jejunum                  | + | A | + | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A |   |
| Adenocarcinoma                            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Liver                                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Carcinoma, Metastatic, Islets, Pancreatic |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |
| Hemangiosarcoma                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatoblastoma                            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatocellular Adenoma                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |
| Hepatocellular Adenoma, Multiple          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatocellular Carcinoma                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatocellular Carcinoma, Multiple        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 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: 20105 - 78  
Test Type: CHRONIC  
Route: Whole Body Exposure  
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
Cell Phone Radiation: GSM  
CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017  
Time Report Requested: 13:43:11  
First Dose M/F: 06/18/12 / 06/18/12  
Lab: IIT

| B6C3F1 MICE MALE<br>10 W/kg                            | DAY ON TEST | 0730  | 0673  | 0735  | 0773  | 0777  | 0777  | 0676  | 0777  | 0777  | 0777  | 0777  | 0777  | 0777  | 0777  | 0777  | 0777  | 0777  | 0777  | 0777  | 0777  | 0676  | 0776  |       |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|  | ANIMAL ID   | 00687 | 00688 | 00689 | 00690 | 00691 | 00692 | 00693 | 00694 | 00695 | 00696 | 00697 | 00698 | 00699 | 00700 | 00701 | 00702 | 00703 | 00704 | 00705 | 00706 | 00707 | 00708 | 00709 |
| Lymphoma Malignant                                     |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Mesentery<br>Histiocytic Sarcoma<br>Lymphoma Malignant |             | +     |       |       |       | +     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | +     |
| Pancreas<br>Histiocytic Sarcoma                        |             | +     | A     | +     | +     | +     | +     | +     | +     | +     | I     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     |       |
| Salivary Glands<br>Histiocytic Sarcoma                 |             | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     |       |
| Stomach, Forestomach<br>Histiocytic Sarcoma            |             | +     | A     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     |       |
| Stomach, Glandular<br>Histiocytic Sarcoma              |             | +     | A     | +     | A     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     |       |
| Tooth  |             | +     |       |       |       |       |       |       |       |       |       |       | +     |       |       |       |       |       |       |       |       |       |       |       |

males  
(cont...)

**CARDIOVASCULAR SYSTEM**

|   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aorta   |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | M | + | + | + | + |
| Heart<br>Alveolar/Bronchiolar Carcinoma, Metastatic,<br>Lung<br>Hemangiosarcoma |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

**ENDOCRINE 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: 20105 - 78  
 Test Type: CHRONIC  
 Route: Whole Body Exposure  
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 Cell Phone Radiation: GSM  
 CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017  
 Time Report Requested: 13:43:11  
 First Dose M/F: 06/18/12 / 06/18/12  
 Lab: IIT

| B6C3F1 MICE MALE<br>10 W/kg | DAY ON TEST |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | males<br>(cont...) |   |   |   |   |
|-----------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------|---|---|---|---|
|                             |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                    | 0 |   |   |   |
|                             |             | 7 | 6 | 7 | 3 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 2 | 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 |   |   |   |
|                             | 6           | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |   | 3                  | 3 | 8 |   |   |
|                             |             | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1                  | 1 | 1 |   |   |
|                             |             | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 4 | 5 | 6 | 7 | 9 | 0                  | 1 | 2 | 3 | 5 |
| Adrenal Cortex              |             | + | + | + | + | + | + | M | + | + | + | M | + | + | + | + | + | + | + | + | + | +                  | + | + | + |   |
| Lymphoma Malignant          |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |
| Adrenal Medulla             |             | + | + | + | + | + | + | M | + | + | + | M | + | + | M | + | + | + | + | + | + | +                  | + | + | + |   |
| Islets, Pancreatic          |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +                  | + | + | + |   |
| Adenoma                     |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |
| Carcinoma                   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |
| Parathyroid Gland           |             | + | M | M | M | M | + | + | M | + | M | + | + | M | + | + | + | + | + | + | M | +                  | + | + | + |   |
| Pituitary Gland             |             | + | I | + | + | + | + | M | I | + | + | + | + | + | + | + | + | + | + | + | + | +                  | + | + | + |   |
| Thyroid Gland               |             | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M                  | + | + | + | + |
| <b>GENERAL BODY SYSTEM</b>  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |
| Tissue NOS                  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |
| Lymphoma Malignant          |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |
| <b>GENITAL SYSTEM</b>       |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |
| Coagulating Gland           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |
| Histiocytic Sarcoma         |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |
| Epididymis                  |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +                  | + | + | + |   |
| Preputial Gland             |             | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +                  | + | + | + |   |
| Prostate                    |             | + | 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE MALE<br>10 W/kg                         | DAY ON TEST | 0   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ANIMAL ID          |  |
|---|-------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------------------|--|
|   |             | 7 6 7 3 7 7 7 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |  |
|   |             | 3 7 3 5 3 2 3 3 8 3 3 3 3 1 3 3 3 2 3 3 3 3 3 3 3   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |  |
| 0 4 6 2 7 9 0 1 9 2 6 8 2 7 9 1 0 1 9 8 3 6 2 3 3 8 |             |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |  |
|   |             | 0   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |  |
|   |             | 6 6 6 6 6 6 6 6 6 6 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |  |
|   |             | 8 8 8 9 9 9 9 9 9 9 9 9 9 0 0 0 0 0 0 0 0 0 1 1 1 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |  |
|   |             | 7 8 9 0 1 2 3 4 5 6 7 8 0 1 2 4 5 6 7 9 0 1 2 3 5   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | males<br>(cont...) |  |
| Seminal Vesicle                                     |             | +   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |  |
| Histiocytic Sarcoma                                 |             |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |  |
| Testis  |             | +   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |  |
| <b>HEMATOPOIETIC SYSTEM</b>                         |             |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |  |
| Bone Marrow   |             | +   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |  |
| Hemangiosarcoma                                     |             |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |  |
| Leukemia Granulocytic                               |             |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |  |
| Lymphoma Malignant                                  |             |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |  |
| Lymph Node  |             | +   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |  |
| Histiocytic Sarcoma                                 |             | X   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |  |
| Lymphoma Malignant                                  |             | X   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |  |
| Lymph Node, Mandibular                              |             | M M + I + + M + M + M + + M + M + + I + + + M + M   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |  |
| Lymph Node, Mesenteric                              |             | M + + + + + + + + + + + + + + + A + + + + + + + + M |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |  |
| Histiocytic Sarcoma                                 |             |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |  |
| Lymphoma Malignant                                  |             |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |  |
| Spleen  |             | + A +   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |  |
| Hemangiosarcoma                                     |             |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |  |
| Histiocytic Sarcoma                                 |             |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |  |
| Leukemia Granulocytic                               |             |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |  |
| Lymphoma Malignant                                  |             |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |  |
| Thymus  |             | + + + + + + + M + + + + + + + M + M M + + + + M + + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |  |

\* .. 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                         |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 MICE MALE</b> | 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 | 3 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 |
|                         |             | 3 | 7 | 3 | 5 | 3 | 2 | 3 | 3 | 8 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 5 |
| <b>10 W/kg</b>          | 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 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |   |
|                         |             | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |   |   |
|                         |             | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 4 | 5 | 6 | 7 | 9 | 0 | 1 | 2 | 3 | 5 |

males (cont...)

**INTEGUMENTARY SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Mammary Gland                                       | M | M | M | + | M | M | M | M | M | + | M | M | M | M | M | M | M | M | + | M | M | M | M |  |
| Skin  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
| Subcutaneous Tissue, Fibrosarcoma                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Subcutaneous Tissue, Hemangioma                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Subcutaneous Tissue, Malignant Fibrous Histiocytoma |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |  |

**MUSCULOSKELETAL SYSTEM**

|                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Skeletal Muscle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

**NERVOUS SYSTEM**

|                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain Trigeminal Ganglion | + | + | + | + | + | M | + | M | + | + | + | + | + | + | M | + | + | + | + | + | + | M | + |   |
| Nerve Trigeminal          | M | M | + | + | + | M | + | + | M | + | M | + | + | + | M | + | M | + | M | M | + | M | M | + |
| Peripheral Nerve, Sciatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M |
| Spinal Cord               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

**RESPIRATORY SYSTEM**

|      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

\* .. 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                         |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                            |
|-------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------------|
| <b>B6C3F1 MICE MALE</b> | 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 | <b>males<br/>(cont...)</b> |
|                         |             | 7 | 6 | 7 | 3 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 |                            |
|                         |             | 3 | 7 | 3 | 5 | 3 | 2 | 3 | 3 | 8 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 5 |                            |
| <b>10 W/kg</b>          | 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 |                            |
|                         |             | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |                            |

|   |  |   |  |   |  |  |  |  |   |   |  |  |   |   |   |  |   |  |   |   |  |   |
|---|--|---|--|---|--|--|--|--|---|---|--|--|---|---|---|--|---|--|---|---|--|---|
| Alveolar/Bronchiolar Adenoma                |  |   |  |   |  |  |  |  |   |   |  |  | X | X |   |  |   |  | X | X |  |   |
| Alveolar/Bronchiolar Adenoma, Multiple      |  |   |  |   |  |  |  |  |   |   |  |  |   |   |   |  |   |  |   |   |  | X |
| Alveolar/Bronchiolar Carcinoma              |  |   |  | X |  |  |  |  | X | X |  |  |   |   |   |  |   |  | X |   |  |   |
| Alveolar/Bronchiolar Carcinoma, Multiple    |  |   |  |   |  |  |  |  |   |   |  |  |   |   |   |  |   |  |   |   |  |   |
| Carcinoma, Metastatic, Islets, Pancreatic   |  |   |  |   |  |  |  |  |   |   |  |  |   |   | X |  |   |  |   |   |  |   |
| Hepatoblastoma, Metastatic, Liver           |  |   |  |   |  |  |  |  |   |   |  |  | X |   |   |  |   |  |   |   |  |   |
| Hepatocellular Carcinoma, Metastatic, Liver |  |   |  |   |  |  |  |  | X |   |  |  |   |   |   |  | X |  |   |   |  |   |
| Histiocytic Sarcoma                         |  | X |  |   |  |  |  |  |   |   |  |  |   |   |   |  |   |  |   |   |  |   |
| Leukemia Granulocytic                       |  |   |  |   |  |  |  |  |   |   |  |  |   |   |   |  |   |  |   |   |  |   |
| Lymphoma Malignant                          |  |   |  |   |  |  |  |  |   |   |  |  |   |   |   |  |   |  |   |   |  |   |

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mediastinum                                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Alveolar/Bronchiolar Carcinoma, Metastatic, Lung |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Nose   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | I | + | + | + | + | + | + | + |
| Trachea  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

**SPECIAL SENSES SYSTEM**

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

**URINARY SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney   | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Alveolar/Bronchiolar Carcinoma, Metastatic, Lung |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
X .. Lesion present  
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|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 MICE MALE</b><br><b>10 W/kg</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |   |   |   |   |   |   |
|   | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |   |   |   |
|   |             | 7 | 6 | 7 | 3 | 7 | 7 | 7 | 7 | 6 | 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 | 6 | 5 | 8 | 5 |

males  
(cont...)

Lymphoma Malignant

|                                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Urinary Bladder Urothelium, Papilloma | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

**SYSTEMIC LESIONS**

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

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

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

Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                         |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 MICE MALE</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|                         |             | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 5 | 7 | 7 | 7 | 7 | 7 |   |
| <b>10 W/kg</b>          |             | 3 | 2 | 3 | 8 | 3 | 3 | 3 | 2 | 7 | 3 | 3 | 3 | 3 | 2 |   |
|                         |             | 2 | 9 | 1 | 1 | 3 | 7 | 6 | 9 | 2 | 1 | 8 | 3 | 7 | 9 |   |
|                         | 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 |   |
|                         |             | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |   |
|                         |             | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 |   |
|                         |             | 6 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | 6 | 7 | 8 | 9 | 0 | 4 | 5 |
| <b>* TOTALS</b>         |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**ALIMENTARY SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Esophagus                                 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>90</b> |
| Gallbladder                               | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | <b>79</b> |
| Histiocytic Sarcoma                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Lymphoma Malignant                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Intestine Large, Cecum                    | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | <b>78</b> |
| Intestine Large, Colon                    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>84</b> |
| Intestine Large, Rectum                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>84</b> |
| Intestine Small, Duodenum                 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>79</b> |
| Intestine Small, Ileum                    | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | <b>80</b> |
| Intestine Small, Jejunum                  | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | <b>79</b> |
| Adenocarcinoma                            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Lymphoma Malignant                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Liver                                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>90</b> |
| Carcinoma, Metastatic, Islets, Pancreatic |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Hemangiosarcoma                           |   |   |   | X |   |   |   |   |   |   |   |   |   | X |   | <b>2</b>  |
| Hepatoblastoma                            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Hepatocellular Adenoma                    |   | X |   |   |   |   |   |   |   |   |   | X | X |   |   | <b>26</b> |
| Hepatocellular Adenoma, Multiple          |   |   |   | X | X | X |   | X |   | X | X |   |   |   | X | <b>29</b> |
| Hepatocellular Carcinoma                  |   | X |   |   |   | X |   |   |   |   |   |   |   | X |   | <b>19</b> |
| Hepatocellular Carcinoma, Multiple        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>3</b>  |
| Histiocytic Sarcoma                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2</b>  |

\* .. 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE MALE<br>10 W/kg                         | DAY ON TEST |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
|---|-------------|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
|   | ANIMAL ID   |  | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 5 | 7 | 7 | 7 | 7 | 7 |          |
|   |             |  | 3 | 2 | 3 | 8 | 3 | 3 | 3 | 2 | 7 | 3 | 3 | 3 | 3 | 3 | 2 |          |
|   |             |  | 2 | 9 | 1 | 1 | 3 | 7 | 6 | 9 | 2 | 1 | 8 | 3 | 7 | 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 |          |
|   |             |  | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |          |
|   |             |  | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 |   |          |
|   |             |  | 6 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | 6 | 7 | 8 | 9 | 0 | 4 | 5 |          |
| Lymphoma Malignant                                  |             |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1        |
| Mesentery   |             |  |   |   | + |   |   |   |   | + |   |   |   |   |   |   |   | 17       |
| Histiocytic Sarcoma                                 |             |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1        |
| Lymphoma Malignant                                  |             |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1        |
| Pancreas  |             |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 86       |
| Histiocytic Sarcoma                                 |             |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1        |
| Salivary Glands                                     |             |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 89       |
| Histiocytic Sarcoma                                 |             |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1        |
| Stomach, Forestomach                                |             |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 87       |
| Histiocytic Sarcoma                                 |             |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1        |
| Stomach, Glandular                                  |             |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 85       |
| Histiocytic Sarcoma                                 |             |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1        |
| Tooth   |             |  |   |   |   |   |   |   | + |   | + |   |   |   | + | + |   | 20       |
| <b>CARDIOVASCULAR SYSTEM</b>                        |             |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |
| Aorta   |             |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 87       |
| Heart   |             |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90       |
| Alveolar/Bronchiolar Carcinoma, Metastatic,<br>Lung |             |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2        |
| Hemangiosarcoma                                     |             |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X | 1        |
| <b>ENDOCRINE SYSTEM</b>                             |             |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |

\* .. 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE MALE<br>10 W/kg | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                 |
|-----------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
|                             | ANIMAL ID   | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 5 | 7 | 7 | 7 | 7 | 7               |
|                             |             | 3 | 2 | 3 | 8 | 3 | 3 | 3 | 2 | 7 | 3 | 3 | 3 | 3 | 3 |                 |
|                             |             | 2 | 9 | 1 | 1 | 3 | 7 | 6 | 9 | 2 | 1 | 8 | 3 | 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 |                 |
|                             |             | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |                 |
|                             |             | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 |                 |
|                             |             | 6 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | 6 | 7 | 8 | 9 | 0 | 4 |                 |
|                             |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>* TOTALS</b> |
| Adrenal Cortex              |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>88</b>       |
| Lymphoma Malignant          |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>        |
| Adrenal Medulla             |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>86</b>       |
| Islets, Pancreatic          |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>89</b>       |
| Adenoma                     |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2</b>        |
| Carcinoma                   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>        |
| Parathyroid Gland           |             | + | + | + | + | + | + | + | + | M | M | + | + | M | M | <b>66</b>       |
| Pituitary Gland             |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>85</b>       |
| Thyroid Gland               |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>88</b>       |
| <b>GENERAL BODY SYSTEM</b>  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |
| Tissue NOS                  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>        |
| Lymphoma Malignant          |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>        |
| <b>GENITAL SYSTEM</b>       |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |
| Coagulating Gland           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>4</b>        |
| Histiocytic Sarcoma         |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>        |
| Epididymis                  |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>90</b>       |
| Preputial Gland             |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>89</b>       |
| Prostate                    |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>87</b>       |

\* .. 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE MALE<br>10 W/kg | DAY ON TEST | 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 |                 |
|                             |             | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 5 | 7 | 7 | 7 | 7 | 7 |                 |
|                             |             | 3 | 2 | 3 | 8 | 3 | 3 | 3 | 2 | 7 | 3 | 3 | 3 | 3 | 2 |                 |
|                             |             | 2 | 9 | 1 | 1 | 3 | 7 | 6 | 9 | 2 | 1 | 8 | 3 | 7 | 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 |                 |
|                             |             | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |                 |
|                             |             | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 |                 |
|                             |             | 6 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | 6 | 7 | 8 | 9 | 0 | 4 |                 |
|                             |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>* TOTALS</b> |
| Seminal Vesicle             |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>90</b>       |
| Histiocytic Sarcoma         |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>        |
| Testis                      |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>90</b>       |
| <b>HEMATOPOIETIC SYSTEM</b> |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |
| Bone Marrow                 |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>90</b>       |
| Hemangiosarcoma             |             |   |   |   | X |   |   |   |   |   |   |   |   |   |   | <b>1</b>        |
| Leukemia Granulocytic       |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>        |
| Lymphoma Malignant          |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>        |
| Lymph Node                  |             |   |   |   | + | + |   |   |   |   |   |   |   |   |   | <b>9</b>        |
| Histiocytic Sarcoma         |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>        |
| Lymphoma Malignant          |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>        |
| Lymph Node, Mandibular      |             | M | + | I | + | + | M | + | + | M | M | + | + | + | M | <b>60</b>       |
| Lymph Node, Mesenteric      |             | + | + | + | + | + | + | + | + | + | + | + | + | M | + | <b>83</b>       |
| Histiocytic Sarcoma         |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>        |
| Lymphoma Malignant          |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>3</b>        |
| Spleen                      |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>88</b>       |
| Hemangiosarcoma             |             |   |   |   | X |   |   |   |   |   |   |   |   |   |   | <b>1</b>        |
| Histiocytic Sarcoma         |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>        |
| Leukemia Granulocytic       |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>        |
| Lymphoma Malignant          |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>        |
| Thymus                      |             | + | M | + | + | + | + | + | + | + | + | + | M | + | + | <b>72</b>       |

\* .. 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: 20105 - 78

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P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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Lab: IIT

|                         |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 MICE MALE</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|                         |             | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 5 | 7 | 7 | 7 | 7 | 7 |
| <b>10 W/kg</b>          |             | 3 | 2 | 3 | 8 | 3 | 3 | 3 | 2 | 7 | 3 | 3 | 3 | 3 | 3 |   |
|                         |             | 2 | 9 | 1 | 1 | 3 | 7 | 6 | 9 | 2 | 1 | 8 | 3 | 7 | 7 |   |
|                         | 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 |   |
|                         |             | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |   |
|                         |             | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 |   |
|                         |             | 6 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | 6 | 7 | 8 | 9 | 0 | 4 | 5 |
| <b>* TOTALS</b>         |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**INTEGUMENTARY SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Mammary Gland                                       | M | + | M | M | M | M | M | M | M | M | M | M | + | M | M | <b>8</b>  |
| Skin  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>90</b> |
| Subcutaneous Tissue, Fibrosarcoma                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Subcutaneous Tissue, Hemangioma                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Subcutaneous Tissue, Malignant Fibrous Histiocytoma |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   | <b>3</b>  |

**MUSCULOSKELETAL SYSTEM**

|                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Bone            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>90</b> |
| Skeletal Muscle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>90</b> |

**NERVOUS SYSTEM**

|                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Brain                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>90</b> |
| Brain Trigeminal Ganglion | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | <b>79</b> |
| Nerve Trigeminal          | + | + | + | + | + | + | M | + | + | + | M | + | M | M | + | <b>63</b> |
| Peripheral Nerve, Sciatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>89</b> |
| Spinal Cord               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>90</b> |

**RESPIRATORY SYSTEM**

|      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>90</b> |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|

\* .. 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE MALE<br>10 W/kg                      | DAY ON TEST | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |    |
|--|-------------|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
|  | ANIMAL ID   | 7               | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 5 | 7 | 7 | 7 | 7 | 7  |
|  |             | 3               | 2 | 3 | 8 | 3 | 3 | 3 | 2 | 7 | 3 | 3 | 3 | 3 | 3 |    |
|  |             | 2               | 9 | 1 | 1 | 3 | 7 | 6 | 9 | 2 | 1 | 8 | 3 | 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 |    |
|  |             | 7               | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |    |
|  |             | 1               | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 |    |
|  |             | 6               | 7 | 8 | 9 | 1 | 2 | 3 | 4 | 6 | 7 | 8 | 9 | 0 | 4 | 5  |
|  |             | <b>* TOTALS</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
| Alveolar/Bronchiolar Adenoma                     |             |                 |   |   |   |   |   |   |   | X | X |   |   |   |   | 15 |
| Alveolar/Bronchiolar Adenoma, Multiple           |             |                 |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Alveolar/Bronchiolar Carcinoma                   |             |                 |   | X |   | X |   |   |   |   |   |   |   |   |   | 17 |
| Alveolar/Bronchiolar Carcinoma, Multiple         |             |                 |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Carcinoma, Metastatic, Islets, Pancreatic        |             |                 |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Hepatoblastoma, Metastatic, Liver                |             |                 |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Hepatocellular Carcinoma, Metastatic, Liver      |             |                 | X |   |   |   |   |   |   |   |   |   |   |   |   | 5  |
| Histiocytic Sarcoma                              |             |                 |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Leukemia Granulocytic                            |             |                 |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Lymphoma Malignant                               |             |                 |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Mediastinum                                      |             |                 |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Alveolar/Bronchiolar Carcinoma, Metastatic, Lung |             |                 |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Nose   |             | +               | + | + | + | + | + | + | + | + | + | + | + | + | + | 89 |
| Trachea  |             | +               | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |
| <b>SPECIAL SENSES SYSTEM</b>                     |             |                 |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
| Eye  |             | +               | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |
| Harderian Gland Adenoma                          |             | +               | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |
|  |             |                 |   |   |   |   |   |   |   |   |   |   |   |   |   | 5  |
| <b>URINARY SYSTEM</b>                            |             |                 |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
| Kidney   |             | +               | + | + | + | + | + | + | + | + | + | + | + | + | + | 89 |
| Alveolar/Bronchiolar Carcinoma, Metastatic, Lung |             |                 |   |   |   |   |   |   |   |   |   |   |   |   |   | 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                         |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |
|-------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| <b>B6C3F1 MICE MALE</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                 |
|                         |             | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 5 | 7 | 7 | 7 | 7 | 7               |
| <b>10 W/kg</b>          |             | 3 | 2 | 3 | 8 | 3 | 3 | 3 | 2 | 7 | 3 | 3 | 3 | 3 | 3 | 2               |
|                         |             | 2 | 9 | 1 | 1 | 3 | 7 | 6 | 9 | 2 | 1 | 8 | 3 | 7 | 7 | 9               |
|                         | 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 |                 |
|                         |             | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |                 |
|                         |             | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 |                 |
|                         |             | 6 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | 6 | 7 | 8 | 9 | 0 | 4 | 5               |
|                         |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>* TOTALS</b> |
| Lymphoma Malignant      |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>        |
| Urinary Bladder         |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>89</b>       |
| Urothelium, Papilloma   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2</b>        |
| <b>SYSTEMIC LESIONS</b> |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |
| Multiple Organ          |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>90</b>       |
| Histiocytic Sarcoma     |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2</b>        |
| Leukemia Granulocytic   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>        |
| Lymphoma Malignant      |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>4</b>        |

\*\*\* 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: 20105 - 78  
 Test Type: CHRONIC  
 Route: Whole Body Exposure  
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Cell Phone Radiation: GSM  
 CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017  
 Time Report Requested: 13:43:11  
 First Dose M/F: 06/18/12 / 06/18/12  
 Lab: IIT

| B6C3F1 MICE FEMALE<br>0 W/kg | DAY ON TEST | 0739  | 0638  | 0745  | 0744  | 0743  | 0750  | 0753  | 0656  | 0772  | 0779  | 0777  | 0774  | 0774  | 0775  | 0751  | 0756  | 0774  | 0774  | 0774  | 0774  | 0775  | 0774  | 0770  | 0775  | 0774  | 0770  | 0775  | 0774  | 0773  | females (cont...) |
|------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------------|
|                              | ANIMAL ID   | 00107 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 |                   |

**ALIMENTARY SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder<br>Lymphoma Malignant   | + | + | + | + | M | + | + | + | + | M | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M |   |   |
| Intestine Large, Cecum<br>Fibrosarcoma, Metastatic, Skin  | + | + | + | + | + | + | + | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Intestine Large, Colon  | + | + | + | + | + | + | + | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Intestine Large, Rectum<br>Fibrosarcoma, Metastatic, Skin<br>Lymphoma Malignant<br>Osteosarcoma, Metastatic, Skin                                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Intestine Small, Duodenum<br>Fibrosarcoma, Metastatic, Skin   | + | + | + | + | + | + | + | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Intestine Small, Ileum  | + | + | + | + | + | + | + | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Intestine Small, Jejunum<br>Histiocytic Sarcoma   | + | + | + | + | + | + | + | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Liver<br>Fibrosarcoma, Metastatic, Skin<br>Hepatoblastoma<br>Hepatocellular Adenoma<br>Hepatocellular Adenoma, Multiple<br>Hepatocellular Carcinoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
|   | X |   |   |   | X | X |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 X .. Lesion present  
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Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

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First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                  |   |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------------------|---|
| <b>B6C3F1 MICE FEMALE</b> | 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 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7                | 7 |
|                           |             | 3 | 3 | 4 | 4 | 4 | 5 | 3 | 5 | 5 | 3 | 5 | 4 | 4 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4                | 4 |
| <b>0 W/kg</b>             | ANIMAL ID   | 9 | 8 | 5 | 6 | 3 | 0 | 9 | 6 | 2 | 9 | 2 | 6 | 6 | 1 | 1 | 3 | 0 | 4 | 4 | 4 | 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 | 0 | 0 | 0                | 0 |
|                           |             | 0 | 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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3                |   |
|                           |             | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 0 | 1                |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>females</b>   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>(cont...)</b> |   |

CARDIOVASCULAR SYSTEM

|                                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aorta                          | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Heart                          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Osteosarcoma, Metastatic, Skin |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |

ENDOCRINE SYSTEM

|                            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + |
| Adenoma                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Histiocytic Sarcoma        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Adrenal Medulla            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + |
| Pheochromocytoma Malignant |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Islets, Pancreatic         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Carcinoma                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Histiocytic Sarcoma        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Parathyroid Gland          | + | + | + | + | M | + | + | M | M | M | + | + | M | + | M | + | + | + | + | M | + | + | M | + | + |
| Pituitary Gland            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | I | + | + |
| Pars Distalis, Adenoma     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Thyroid Gland              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| C-cell, Carcinoma          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
X .. Lesion present  
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Experiment Number: 20105 - 78

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Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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CAS Number: CELLPRADGSM

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Lab: IIT

|                           |               |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                              |   |   |   |   |   |   |   |
|---------------------------|---------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------------------------------|---|---|---|---|---|---|---|
| <b>B6C3F1 MICE FEMALE</b> | <b>0 W/kg</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                            | 0 | 0 | 0 | 0 | 0 | 0 |   |
|                           |               | ANIMAL ID   | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7                            | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|                           |               |             | 3 | 3 | 4 | 4 | 4 | 5 | 3 | 5 | 5 | 3 | 5 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4                            | 5 | 4 | 4 | 4 | 4 | 4 | 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 |
|                           |               | 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 | 1 | 1 | 1                            | 1 | 1 | 1 | 1 | 1 | 1 |   |
|                           |               | 0           | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3                            | 3 | 3 | 3 | 3 | 3 | 3 |   |
|                           |               | 7           | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 0 | 1 | 1 | 1 | 1 | 1                            | 1 | 1 | 1 | 1 | 1 | 1 |   |
|                           |               |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>females<br/>(cont...)</b> |   |   |   |   |   |   |   |

Lymphoma Malignant  
 Bronchial, Alveolar/Bronchiolar Carcinoma,  
 Metastatic, Lung  
 Bronchial, Fibrosarcoma, Metastatic, Skin

X

Lymph Node, Mandibular  
 Histiocytic Sarcoma  
 Lymphoma Malignant

M + M + +

Lymph Node, Mesenteric  
 Fibrosarcoma, Metastatic, Skin  
 Histiocytic Sarcoma  
 Lymphoma Malignant  
 Renal Mesenchymal Tumor, Metastatic, Kidney

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

X

Spleen  
 Histiocytic Sarcoma  
 Lymphoma Malignant

+ + + + + + + + + + + + + + + A + + + + + + + + + +

X

Thymus  
 Histiocytic Sarcoma  
 Lymphoma Malignant

+ + + + + + + I + + + + + + + A + + I + + + + + + + +

X

**INTEGUMENTARY SYSTEM**

Mammary Gland  
 Histiocytic Sarcoma

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

Skin  
 Subcutaneous Tissue, Fibroma  
 Subcutaneous Tissue, Fibrosarcoma

+ +

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: 20105 - 78  
 Test Type: CHRONIC  
 Route: Whole Body Exposure  
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Cell Phone Radiation: GSM  
 CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017  
 Time Report Requested: 13:43:11  
 First Dose M/F: 06/18/12 / 06/18/12  
 Lab: IIT

|                           |             |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                              |                       |                       |                       |
|---------------------------|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------------|-----------------------|-----------------------|-----------------------|
| <b>B6C3F1 MICE FEMALE</b> | DAY ON TEST | 0<br>7<br>3<br>9      | 0<br>6<br>3<br>8      | 0<br>7<br>4<br>5      | 0<br>7<br>4<br>6      | 0<br>7<br>4<br>3      | 0<br>7<br>5<br>0      | 0<br>7<br>3<br>9      | 0<br>6<br>5<br>6      | 0<br>7<br>5<br>2      | 0<br>7<br>3<br>9      | 0<br>7<br>5<br>2      | 0<br>7<br>4<br>6      | 0<br>7<br>5<br>1      | 0<br>5<br>5<br>1      | 0<br>6<br>4<br>0      | 0<br>7<br>4<br>4      | 0<br>7<br>4<br>6      | 0<br>7<br>4<br>0      | 0<br>7<br>5<br>0      | 0<br>7<br>4<br>5      | 0<br>7<br>4<br>0      | 0<br>7<br>4<br>3      | <b>females<br/>(cont...)</b> |                       |                       |                       |
|                           | 0 W/kg      | 0<br>0<br>1<br>0<br>7 | 0<br>0<br>1<br>0<br>8 | 0<br>0<br>1<br>0<br>9 | 0<br>0<br>1<br>1<br>0 | 0<br>0<br>1<br>1<br>1 | 0<br>0<br>1<br>1<br>2 | 0<br>0<br>1<br>1<br>3 | 0<br>0<br>1<br>1<br>4 | 0<br>0<br>1<br>1<br>5 | 0<br>0<br>1<br>1<br>6 | 0<br>0<br>1<br>1<br>7 | 0<br>0<br>1<br>1<br>8 | 0<br>0<br>1<br>1<br>9 | 0<br>0<br>1<br>2<br>0 | 0<br>0<br>1<br>2<br>1 | 0<br>0<br>1<br>2<br>2 | 0<br>0<br>1<br>2<br>3 | 0<br>0<br>1<br>2<br>4 | 0<br>0<br>1<br>2<br>5 | 0<br>0<br>1<br>2<br>6 | 0<br>0<br>1<br>2<br>7 | 0<br>0<br>1<br>2<br>8 |                              | 0<br>0<br>3<br>3<br>0 | 0<br>0<br>3<br>3<br>1 | 0<br>0<br>3<br>3<br>3 |
|                           | ANIMAL ID   |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                              |                       |                       |                       |

Subcutaneous Tissue, Hemangiosarcoma  
 Subcutaneous Tissue, Lipoma  
 Subcutaneous Tissue, Osteosarcoma  
 Subcutaneous Tissue, Sarcoma

**MUSCULOSKELETAL SYSTEM**

|                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone                | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hemangioma          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Osteosarcoma        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Skeletal Muscle     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Osteosarcoma        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**NERVOUS SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain                                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Histiocytic Sarcoma                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Osteosarcoma, Metastatic, Skeletal Muscle |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Brain Trigeminal Ganglion                 | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + |   |   |
| Nerve Trigeminal                          | M | + | + | + | + | + | M | + | + | M | + | M | + | M | M | + | M | M | M | + | + | + | M | M | + |
| Peripheral Nerve, Sciatic                 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE | DAY ON TEST |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | females<br>(cont...) |
|--------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|
|                    | 0739        | 0638 | 0745 | 0744 | 0743 | 0750 | 0739 | 0666 | 0772 | 0771 | 0770 | 0777 | 0776 | 0775 | 0551 | 0666 | 0777 | 0776 | 0775 | 0774 | 0773 | 0772 | 0771 | 0770 |                      |
| 0 W/kg             | 0010        | 0008 | 0009 | 0000 | 0001 | 0002 | 0003 | 0004 | 0005 | 0006 | 0007 | 0008 | 0009 | 0000 | 0001 | 0002 | 0003 | 0004 | 0005 | 0006 | 0007 | 0008 | 0000 | 0001 |                      |
|                    | 0011        | 0008 | 0009 | 0000 | 0001 | 0002 | 0003 | 0004 | 0005 | 0006 | 0007 | 0008 | 0009 | 0000 | 0001 | 0002 | 0003 | 0004 | 0005 | 0006 | 0007 | 0008 | 0000 | 0001 |                      |

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Alveolar/Bronchiolar Adenoma                |   |   |   |   |   |   |   |   | X |   |   |   |   | X |   |   |   |   |   |   |   |   |   |
| Alveolar/Bronchiolar Carcinoma              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |
| Carcinoma, Metastatic, Thyroid Gland        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Fibrosarcoma, Metastatic, Skin              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatocellular Carcinoma, Metastatic, Liver |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |
| Histiocytic Sarcoma                         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Osteosarcoma, Metastatic, Bone              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Osteosarcoma, Metastatic, Skeletal Muscle   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Osteosarcoma, Metastatic, Skin              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Mediastinum                                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | + |
| Hepatocellular Carcinoma, Metastatic, Liver |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Histiocytic Sarcoma                         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |
| Nose  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymphoma Malignant                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Trachea                                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

SPECIAL SENSES SYSTEM

|                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye                 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Harderian Gland     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenoma             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |
| Histiocytic Sarcoma |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

URINARY 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|  |                     |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                              |                       |                       |   |
|--|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------------|-----------------------|-----------------------|---|
| <b>B6C3F1 MICE FEMALE</b><br><b>0 W/kg</b> | DAY ON TEST         | 0<br>7<br>3<br>9      | 0<br>6<br>3<br>8      | 0<br>7<br>4<br>5      | 0<br>7<br>4<br>6      | 0<br>7<br>4<br>3      | 0<br>7<br>5<br>0      | 0<br>7<br>3<br>9      | 0<br>6<br>5<br>6      | 0<br>7<br>5<br>2      | 0<br>7<br>3<br>9      | 0<br>7<br>5<br>2      | 0<br>7<br>4<br>6      | 0<br>7<br>5<br>1      | 0<br>5<br>5<br>1      | 0<br>6<br>5<br>3      | 0<br>7<br>4<br>0      | 0<br>7<br>4<br>4      | 0<br>7<br>4<br>6      | 0<br>7<br>4<br>0      | 0<br>7<br>5<br>0      | 0<br>7<br>4<br>5      | 0<br>7<br>4<br>4      | 0<br>7<br>4<br>0      | 0<br>7<br>4<br>3      | <b>females<br/>(cont...)</b> |                       |                       |   |
|  | ANIMAL ID           | 0<br>0<br>1<br>0<br>7 | 0<br>0<br>1<br>0<br>8 | 0<br>0<br>1<br>0<br>9 | 0<br>0<br>1<br>1<br>0 | 0<br>0<br>1<br>1<br>1 | 0<br>0<br>1<br>1<br>2 | 0<br>0<br>1<br>1<br>3 | 0<br>0<br>1<br>1<br>4 | 0<br>0<br>1<br>1<br>5 | 0<br>0<br>1<br>1<br>6 | 0<br>0<br>1<br>1<br>7 | 0<br>0<br>1<br>1<br>8 | 0<br>0<br>1<br>1<br>9 | 0<br>0<br>1<br>2<br>0 | 0<br>0<br>1<br>2<br>1 | 0<br>0<br>1<br>2<br>2 | 0<br>0<br>1<br>2<br>3 | 0<br>0<br>1<br>2<br>4 | 0<br>0<br>1<br>2<br>5 | 0<br>0<br>1<br>2<br>6 | 0<br>0<br>1<br>2<br>7 | 0<br>0<br>1<br>2<br>8 | 0<br>0<br>3<br>3<br>0 | 0<br>0<br>3<br>3<br>1 |                              | 0<br>0<br>3<br>3<br>3 | 0<br>0<br>3<br>3<br>3 |   |
|  | Kidney              | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     |                              | +                     | +                     | + |
|  | Histiocytic Sarcoma |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                              |                       |                       |   |

Kidney  
Histiocytic Sarcoma  
Renal Mesenchymal Tumor  
Renal Tubule, Adenoma

Urinary Bladder  
Histiocytic Sarcoma  
Lymphoma Malignant

**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

M .. Missing tissue  
A .. Autolysis precludes evaluation  
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Experiment Number: 20105 - 78  
 Test Type: CHRONIC  
 Route: Whole Body Exposure  
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Cell Phone Radiation: GSM  
 CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017  
 Time Report Requested: 13:43:11  
 First Dose M/F: 06/18/12 / 06/18/12  
 Lab: IIT

| B6C3F1 MICE FEMALE<br>0 W/kg | 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 | ANIMAL ID | females<br>(cont...) |  |
|------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------------------|--|
|                              | 7           | 7 | 7 | 7 | 7 | 6 | 4 | 7 | 7 | 6 | 7 | 7 | 6 | 5 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 6 | 7 | 7 |           |                      |  |
|                              | 4           | 4 | 4 | 4 | 4 | 0 | 4 | 5 | 5 | 0 | 4 | 4 | 8 | 1 | 4 | 4 | 4 | 4 | 4 | 6 | 4 | 4 | 0 | 5 | 4         | 0                    |  |
|                              | 6           | 3 | 0 | 6 | 6 | 7 | 8 | 1 | 1 | 7 | 0 | 0 | 9 | 1 | 4 | 5 | 5 | 4 | 3 | 2 | 4 | 0 | 4 | 0 | 0         | 0                    |  |
|                              | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0         | 0                    |  |
|                              | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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         | 1                    |  |
|                              | 3           | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6         | 6                    |  |
|                              | 4           | 5 | 6 | 7 | 8 | 9 | 0 | 2 | 3 | 6 | 7 | 8 | 9 | 0 | 2 | 3 | 4 | 5 | 6 | 7 | 9 | 0 | 2 | 3 | 4         | 4                    |  |

**ALIMENTARY SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder<br>Lymphoma Malignant   | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | X | + | + |
| Intestine Large, Cecum<br>Fibrosarcoma, Metastatic, Skin  | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon  | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum<br>Fibrosarcoma, Metastatic, Skin<br>Lymphoma Malignant<br>Osteosarcoma, Metastatic, Skin                                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | + | + |
| Intestine Small, Duodenum<br>Fibrosarcoma, Metastatic, Skin   | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum  | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum<br>Histiocytic Sarcoma   | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver<br>Fibrosarcoma, Metastatic, Skin<br>Hepatoblastoma<br>Hepatocellular Adenoma<br>Hepatocellular Adenoma, Multiple<br>Hepatocellular Carcinoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|   |   |   | 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

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First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 MICE FEMALE</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                           |             | 7 | 7 | 7 | 7 | 7 | 6 | 4 | 7 | 7 | 6 | 7 | 7 | 6 | 5 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 6 | 7 | 7 |
|                           |             | 4 | 4 | 4 | 4 | 4 | 0 | 4 | 5 | 5 | 0 | 4 | 4 | 8 | 1 | 4 | 4 | 4 | 4 | 6 | 4 | 4 | 0 | 5 | 4 |
|                           |             | 6 | 3 | 0 | 6 | 6 | 7 | 8 | 1 | 1 | 7 | 0 | 0 | 9 | 1 | 4 | 5 | 5 | 4 | 3 | 2 | 4 | 0 | 4 | 0 |
| <b>0 W/kg</b>             | 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 |   |
|                           |             | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |   |
|                           |             | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 |   |
|                           |             | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 2 | 3 | 6 | 7 | 8 | 9 | 0 | 2 | 3 | 4 | 5 | 6 | 7 | 9 | 0 |   |   |

females (cont...)

CARDIOVASCULAR SYSTEM

|                                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aorta                          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Heart                          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma            |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Osteosarcoma, Metastatic, Skin |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

ENDOCRINE SYSTEM

|                            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | I | M | + | + | + |
| Adenoma                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Histiocytic Sarcoma        |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |
| Adrenal Medulla            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | I | M | + | + | + |
| Pheochromocytoma Malignant |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Islets, Pancreatic         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Carcinoma                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Histiocytic Sarcoma        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Parathyroid Gland          | + | + | + | + | + | + | M | + | + | + | M | + | + | + | + | + | + | M | + | + | M | + | M | + |
| Pituitary Gland            | + | + | + | + | + | + | + | + | + | I | + | + | + | + | + | + | + | + | I | + | M | + | + | + |
| Pars Distalis, Adenoma     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |
| Thyroid Gland              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| C-cell, Carcinoma          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

\* .. 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| <b>B6C3F1 MICE FEMALE</b><br><br><b>0 W/kg</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | 7           | 7 | 7 | 7 | 7 | 6 | 4 | 7 | 7 | 6 | 7 | 7 | 6 | 5 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 6 | 7 | 7 | 4 |  |

females (cont...)

**GENERAL BODY SYSTEM**

|   |   |
|---|---|
| Tissue NOS                                | + |
| Abdominal, Osteosarcoma, Metastatic, Skin | X |

**GENITAL SYSTEM**

|                                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland                 | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | M | + | + | + | + | + |
| Ovary                          | + | + | + | + | + | + | + | + | + | M | + | M | + | + | + | + | M | + | + | M | + | + | + | M |
| Cystadenoma                    |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Granulosa Cell Tumor Benign    |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |
| Hemangioma                     |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Histiocytic Sarcoma            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Thecoma Malignant              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Uterus                         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Fibroma                        |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Fibrosarcoma, Metastatic, Skin |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Histiocytic Sarcoma            |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |
| Leiomyoma                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Vagina                         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**HEMATOPOIETIC SYSTEM**

|                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymph Node          |   |   |   |   |   |   |   |   | + | + |   |   | + |   |   |   |   |   |   |   |   |   | + | + |
| 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  
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Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 MICE FEMALE</b> | 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 |   |   |   |   |
|                           | ANIMAL ID   | 7 | 7 | 7 | 7 | 7 | 6 | 4 | 7 | 7 | 6 | 7 | 7 | 6 | 5 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 |   |   |
| <b>0 W/kg</b>             |             | 4 | 4 | 4 | 4 | 4 | 0 | 4 | 5 | 5 | 0 | 4 | 4 | 8 | 1 | 4 | 4 | 4 | 4 | 4 | 6 | 4 | 4 | 0 | 5 | 4 | 0 | 4 | 0 | 4 | 0 | 4 | 0 | 4 | 0 | 4 | 0 | 4 | 0 | 4 | 0 |   |
|                           |             | 6 | 3 | 0 | 6 | 6 | 7 | 8 | 1 | 1 | 7 | 0 | 0 | 9 | 1 | 4 | 5 | 5 | 4 | 3 | 2 | 4 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|                           |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |   |
|                           |             | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |   |
|                           |             | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 2 | 3 | 6 | 7 | 8 | 9 | 0 | 2 | 3 | 4 | 5 | 6 | 7 | 9 | 0 | 2 | 3 | 4 | 5 | 6 | 7 | 9 | 0 | 2 | 3 | 4 | 5 | 6 | 7 | 9 | 0 | 2 | 3 | 4 |

females (cont...)

Lymphoma Malignant  
 Bronchial, Alveolar/Bronchiolar Carcinoma, Metastatic, Lung  
 Bronchial, Fibrosarcoma, Metastatic, Skin

X

Lymph Node, Mandibular  
 Histiocytic Sarcoma  
 Lymphoma Malignant

+ + + + + M + + + + + + + + + + + M + + + + + X X

Lymph Node, Mesenteric  
 Fibrosarcoma, Metastatic, Skin  
 Histiocytic Sarcoma  
 Lymphoma Malignant  
 Renal Mesenchymal Tumor, Metastatic, Kidney

+ + + + M + + + + + + M + + I + + + + + + + + + + M

Spleen  
 Histiocytic Sarcoma  
 Lymphoma Malignant

+ X X X

Thymus  
 Histiocytic Sarcoma  
 Lymphoma Malignant

+ + + + + + M + + + X + + + + + + + + + + M + +

INTEGUMENTARY SYSTEM

Mammary Gland  
 Histiocytic Sarcoma

+ + + + + + M + + M + + + + + + + + + + + + + I

Skin  
 Subcutaneous Tissue, Fibroma  
 Subcutaneous Tissue, Fibrosarcoma

+ +

\* .. 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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First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE<br>0 W/kg | 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 | ANIMAL ID             | females<br>(cont...) |
|------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------------|----------------------|
|                              |             | 7 | 7 | 7 | 7 | 7 | 6 | 4 | 7 | 7 | 6 | 7 | 7 | 6 | 5 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 6 | 7 | 7 | 6 | 7 |                       |                      |
|                              |             | 4 | 4 | 4 | 4 | 4 | 0 | 4 | 5 | 5 | 0 | 4 | 4 | 8 | 1 | 4 | 4 | 4 | 4 | 4 | 6 | 4 | 4 | 0 | 5 | 4 | 0 | 0<br>0<br>1<br>3<br>4 |                      |
|                              |             | 6 | 3 | 0 | 6 | 6 | 7 | 8 | 1 | 1 | 7 | 0 | 0 | 9 | 1 | 4 | 5 | 5 | 4 | 3 | 2 | 4 | 0 | 4 | 0 | 0 | 4 | 0<br>0<br>1<br>3<br>4 |                      |

Subcutaneous Tissue, Hemangiosarcoma  
 Subcutaneous Tissue, Lipoma  
 Subcutaneous Tissue, Osteosarcoma  
 Subcutaneous Tissue, Sarcoma

X  
X

**MUSCULOSKELETAL SYSTEM**

|                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone                | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hemangioma          |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Osteosarcoma        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Skeletal Muscle     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Osteosarcoma        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**NERVOUS SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain                                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | I | I | + | + | I |
| Histiocytic Sarcoma                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Osteosarcoma, Metastatic, Skeletal Muscle |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Brain Trigeminal Ganglion                 | M | + | + | + | + | + | M | M | M | + | M | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Nerve Trigeminal                          | + | + | + | + | + | + | + | + | + | + | M | M | + | M | M | M | M | M | + | M | M | + | + | M |   |   | M |
| Peripheral Nerve, Sciatic                 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | I | + | + | + | + | + | + | + | + |
| 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

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First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE | DAY ON TEST           |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       | females<br>(cont...)  |
|--------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
|                    | 0<br>7<br>4<br>6      | 0<br>7<br>4<br>3      | 0<br>7<br>4<br>0      | 0<br>7<br>4<br>6      | 0<br>7<br>4<br>6      | 0<br>6<br>4<br>7      | 0<br>4<br>4<br>8      | 0<br>7<br>5<br>1      | 0<br>7<br>5<br>1      | 0<br>6<br>0<br>7      | 0<br>7<br>4<br>0      | 0<br>7<br>4<br>0      | 0<br>6<br>8<br>9      | 0<br>5<br>4<br>1      | 0<br>7<br>4<br>4      | 0<br>7<br>4<br>5      | 0<br>7<br>4<br>5      | 0<br>7<br>4<br>4      | 0<br>5<br>6<br>3      | 0<br>7<br>4<br>4      | 0<br>7<br>4<br>0      | 0<br>6<br>0<br>4      | 0<br>7<br>5<br>0      | 0<br>7<br>4<br>0      |                       |
| 0 W/kg             | 0<br>0<br>1<br>3<br>4 | 0<br>0<br>1<br>3<br>5 | 0<br>0<br>1<br>3<br>6 | 0<br>0<br>1<br>3<br>7 | 0<br>0<br>1<br>3<br>8 | 0<br>0<br>1<br>3<br>9 | 0<br>0<br>1<br>4<br>0 | 0<br>0<br>1<br>4<br>2 | 0<br>0<br>1<br>4<br>3 | 0<br>0<br>1<br>4<br>6 | 0<br>0<br>1<br>4<br>7 | 0<br>0<br>1<br>4<br>8 | 0<br>0<br>1<br>4<br>9 | 0<br>0<br>1<br>5<br>0 | 0<br>0<br>1<br>5<br>2 | 0<br>0<br>1<br>5<br>3 | 0<br>0<br>1<br>5<br>4 | 0<br>0<br>1<br>5<br>5 | 0<br>0<br>1<br>5<br>6 | 0<br>0<br>1<br>5<br>7 | 0<br>0<br>1<br>5<br>9 | 0<br>0<br>1<br>6<br>0 | 0<br>0<br>1<br>6<br>2 | 0<br>0<br>1<br>6<br>3 | 0<br>0<br>1<br>6<br>4 |

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Alveolar/Bronchiolar Adenoma                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Alveolar/Bronchiolar Carcinoma              |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |
| Carcinoma, Metastatic, Thyroid Gland        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Fibrosarcoma, Metastatic, Skin              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatocellular Carcinoma, Metastatic, Liver |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Histiocytic Sarcoma                         |   |   |   |   |   |   |   |   |   |   |   |   | X |   | X |   |   |   |   |   |   |   | X |   |   |
| Lymphoma Malignant                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |
| Osteosarcoma, Metastatic, Bone              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Osteosarcoma, Metastatic, Skeletal Muscle   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Osteosarcoma, Metastatic, Skin              |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Mediastinum                                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatocellular Carcinoma, Metastatic, Liver |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Histiocytic Sarcoma                         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Nose  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymphoma Malignant                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |
| Trachea                                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

**SPECIAL SENSES SYSTEM**

|                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye                 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + |
| Harderian Gland     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenoma             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |
| Histiocytic Sarcoma |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |

**URINARY 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: 20105 - 78  
 Test Type: CHRONIC  
 Route: Whole Body Exposure  
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Cell Phone Radiation: GSM  
 CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017  
 Time Report Requested: 13:43:11  
 First Dose M/F: 06/18/12 / 06/18/12  
 Lab: IIT

| B6C3F1 MICE FEMALE<br>0 W/kg | DAY ON TEST      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | ANIMAL ID | females<br>(cont...) |
|------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|----------------------|
|                              | 0<br>7<br>4<br>6 | 0<br>7<br>4<br>3 | 0<br>7<br>4<br>0 | 0<br>7<br>4<br>6 | 0<br>7<br>4<br>6 | 0<br>6<br>4<br>7 | 0<br>4<br>7<br>8 | 0<br>7<br>5<br>1 | 0<br>7<br>5<br>1 | 0<br>6<br>0<br>7 | 0<br>7<br>4<br>0 | 0<br>7<br>4<br>0 | 0<br>6<br>8<br>9 | 0<br>5<br>1<br>1 | 0<br>7<br>4<br>4 | 0<br>7<br>4<br>5 | 0<br>7<br>4<br>5 | 0<br>7<br>4<br>4 | 0<br>5<br>6<br>3 | 0<br>7<br>4<br>2 | 0<br>7<br>4<br>4 | 0<br>6<br>4<br>0 | 0<br>7<br>4<br>0 | 0<br>6<br>5<br>0 |           |                      |
| Kidney                       | +                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |
| Histiocytic Sarcoma          |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           | X                    |
| Renal Mesenchymal Tumor      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |
| Renal Tubule, Adenoma        | X                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |
| Urinary Bladder              | +                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |
| Histiocytic Sarcoma          |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           | M                    |
| Lymphoma Malignant           |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           | X                    |
| <b>SYSTEMIC LESIONS</b>      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |
| Multiple Organ               | +                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |
| Histiocytic Sarcoma          |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           | X                    |
| Lymphoma Malignant           |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           | X                    |

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

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

Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 MICE FEMALE</b> | 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 |   |
|                           |             | 7 | 7 | 5 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 6 | 6 | 6 |   |
|                           |             | 4 | 0 | 5 | 7 | 4 | 4 | 4 | 5 | 3 | 4 | 2 | 5 | 5 | 4 | 3 | 9 | 5 | 5 | 5 | 5 | 4 | 6 | 6 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| <b>0 W/kg</b>             | ANIMAL ID   | 3 | 3 | 1 | 9 | 4 | 5 | 3 | 0 | 9 | 4 | 4 | 0 | 1 | 4 | 9 | 7 | 1 | 0 | 1 | 1 | 1 | 6 | 8 | 5 | 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 | 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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|                           |             | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
|                           |             | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 5 | 6 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | 5 | 6 | 6 | 8 | 9 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

females (cont...)

**ALIMENTARY SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Esophagus   | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + |  |
| Gallbladder<br>Lymphoma Malignant   | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | A |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Intestine Large, Cecum<br>Fibrosarcoma, Metastatic, Skin  | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
| Intestine Large, Colon  | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
| Intestine Large, Rectum<br>Fibrosarcoma, Metastatic, Skin<br>Lymphoma Malignant<br>Osteosarcoma, Metastatic, Skin                                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
| Intestine Small, Duodenum<br>Fibrosarcoma, Metastatic, Skin   | + | + | M | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A |  |
| Intestine Small, Ileum  | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
| Intestine Small, Jejunum<br>Histiocytic Sarcoma   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
| Liver<br>Fibrosarcoma, Metastatic, Skin<br>Hepatoblastoma<br>Hepatocellular Adenoma<br>Hepatocellular Adenoma, Multiple<br>Hepatocellular Carcinoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |

\* .. 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: 20105 - 78  
 Test Type: CHRONIC  
 Route: Whole Body Exposure  
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Cell Phone Radiation: GSM  
 CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017  
 Time Report Requested: 13:43:11  
 First Dose M/F: 06/18/12 / 06/18/12  
 Lab: IIT

| B6C3F1 MICE FEMALE<br>0 W/kg | DAY ON TEST      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |   | ANIMAL ID |                       |                       |                      |
|------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|---|-----------|-----------------------|-----------------------|----------------------|
|                              | 0<br>7<br>4<br>3 | 0<br>7<br>0<br>3 | 0<br>5<br>5<br>1 | 0<br>5<br>7<br>9 | 0<br>7<br>4<br>4 | 0<br>7<br>4<br>5 | 0<br>7<br>4<br>3 | 0<br>7<br>4<br>0 | 0<br>7<br>5<br>9 | 0<br>7<br>3<br>4 | 0<br>7<br>4<br>4 | 0<br>7<br>5<br>0 | 0<br>7<br>4<br>1 | 0<br>7<br>4<br>4 | 0<br>7<br>5<br>9 | 0<br>7<br>5<br>7 | 0<br>7<br>5<br>5 | 0<br>7<br>5<br>1 | 0<br>7<br>5<br>6 | 0<br>7<br>4<br>8 | 0<br>7<br>4<br>5 | 0<br>7<br>4<br>8 | 0<br>7<br>4<br>9 | 0<br>7<br>4<br>0 |   |           |                       |                       |                      |
|                              | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0 | 0         | 0<br>0<br>1<br>6<br>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 | 0         | 0                     | 0<br>0<br>1<br>6<br>5 | females<br>(cont...) |

Hepatocellular Carcinoma, Multiple X  
 Histiocytic Sarcoma X  
 Lymphoma Malignant X  
 Osteosarcoma, Metastatic, Bone X  
 Osteosarcoma, Metastatic, Skin X

Mesentery +  
 Fibrosarcoma, Metastatic, Skin X  
 Histiocytic Sarcoma  
 Lymphoma Malignant  
 Renal Mesenchymal Tumor, Metastatic, Kidney X  
 Fat, Hemangioma

Pancreas +  
 Fibrosarcoma, Metastatic, Skin X  
 Histiocytic Sarcoma  
 Lymphoma Malignant  
 Renal Mesenchymal Tumor, Metastatic, Kidney X

Salivary Glands +  
 Lymphoma Malignant

Stomach, Forestomach + + A +  
 Fibrosarcoma, Metastatic, Skin X  
 Squamous Cell Papilloma

Stomach, Glandular + + A +  
 Fibrosarcoma, Metastatic, Skin X  
 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: 20105 - 78  
 Test Type: CHRONIC  
 Route: Whole Body Exposure  
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Cell Phone Radiation: GSM  
 CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017  
 Time Report Requested: 13:43:11  
 First Dose M/F: 06/18/12 / 06/18/12  
 Lab: IIT

| B6C3F1 MICE FEMALE<br>0 W/kg | DAY ON TEST |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | females<br>(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 |                      |
|                              | 7           | 7 | 5 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 |                      |
|                              | 4           | 0 | 5 | 7 | 4 | 4 | 4 | 5 | 3 | 4 | 2 | 5 | 5 | 4 | 3 | 9 | 5 | 5 | 5 | 5 | 4 | 6 | 6 | 4 |                      |
|                              | 3           | 3 | 1 | 9 | 4 | 5 | 3 | 0 | 9 | 4 | 4 | 0 | 1 | 4 | 9 | 7 | 1 | 0 | 1 | 1 | 6 | 8 | 4 | 0 |                      |
|                              | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                      |
|                              | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 |                      |
|                              | 6           | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 |                      |
|                              | 5           | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 5 | 6 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 9 | 0 | 1 |                      |

### CARDIOVASCULAR SYSTEM

|                                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aorta                          | + | + | + | + | + | + | + | + | + | + | M | + | + | + | M | + | + | + | + | + | + | + | + | + |
| Heart                          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma            |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Osteosarcoma, Metastatic, Skin |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

### ENDOCRINE SYSTEM

|                            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex             | + | + | + | + | + | + | M | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | M | + |
| Adenoma                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Histiocytic Sarcoma        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Adrenal Medulla            | + | + | + | + | + | + | M | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | M | + |
| Pheochromocytoma Malignant |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Islets, Pancreatic         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Carcinoma                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Histiocytic Sarcoma        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Parathyroid Gland          | M | M | + | M | + | + | + | + | M | + | + | + | + | + | + | M | M | M | + | M | + | + | M | + |
| Pituitary Gland            | + | + | M | + | + | + | + | + | + | + | I | + | + | + | I | + | + | + | M | + | + | + | + | + |
| Pars Distalis, Adenoma     |   |   | X |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Thyroid Gland              | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | M | + | + | + | + | + |
| C-cell, Carcinoma          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
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Experiment Number: 20105 - 78

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/20/2017

Test Type: CHRONIC

Cell Phone Radiation: GSM

Time Report Requested: 13:43:11

Route: Whole Body Exposure

CAS Number: CELLPRADGSM

First Dose M/F: 06/18/12 / 06/18/12

Species/Strain: MICE/B6C3F1

Lab: IIT

|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                              |   |   |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------------------------------|---|---|
| <b>B6C3F1 MICE FEMALE</b> | 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 |
|                           |             | 7 | 7 | 5 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7                            | 7 | 6 |
|                           |             | 4 | 0 | 5 | 7 | 4 | 4 | 4 | 5 | 3 | 4 | 2 | 5 | 5 | 4 | 3 | 9 | 5 | 5 | 5 | 5 | 4 | 6 | 4                            | 4 | 4 |
| <b>0 W/kg</b>             | ANIMAL ID   | 3 | 3 | 1 | 9 | 4 | 5 | 3 | 0 | 9 | 4 | 4 | 0 | 1 | 4 | 9 | 7 | 1 | 0 | 1 | 1 | 6 | 8 | 5                            | 0 | 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 |
|                           |             | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1                            | 1 |   |
|                           |             | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8                            | 8 |   |
|                           |             | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 5 | 6 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 9 | 0                            | 1 | 2 |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>females<br/>(cont...)</b> |   |   |

Subcutaneous Tissue, Hemangiosarcoma  
Subcutaneous Tissue, Lipoma  
Subcutaneous Tissue, Osteosarcoma  
Subcutaneous Tissue, Sarcoma

X X X

**MUSCULOSKELETAL SYSTEM**

Bone +

Hemangioma

Osteosarcoma X

Skeletal Muscle + + + + + + + + + + + + + + + + + + I + + + + +

Histiocytic Sarcoma

Osteosarcoma X

**NERVOUS SYSTEM**

Brain +

Histiocytic Sarcoma

Osteosarcoma, Metastatic, Skeletal Muscle X

Brain Trigeminal Ganglion + + + + + + + + M + + + + + + + + M + M + + + M

Nerve Trigeminal + + + + + M M M + + + M M + M + M M + + + M M +

Peripheral Nerve, Sciatic +

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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE<br>0 W/kg | 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 | ANIMAL ID | females<br>(cont...) |   |
|------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------------------|---|
|                              |             | 7 | 7 | 5 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 |           |                      | 6 |
|                              |             | 4 | 0 | 5 | 7 | 4 | 4 | 4 | 5 | 3 | 4 | 2 | 5 | 5 | 4 | 3 | 9 | 5 | 5 | 5 | 5 | 4 | 6 | 4 | 4         |                      |   |
|                              |             | 3 | 3 | 1 | 9 | 4 | 5 | 3 | 0 | 9 | 4 | 4 | 0 | 1 | 4 | 9 | 7 | 1 | 0 | 1 | 1 | 6 | 8 | 4 | 0         |                      |   |
|                              |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0         |                      |   |
|                              |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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         |                      |   |
|                              |             | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9         |                      |   |
|                              |             | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 5 | 6 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 9 | 0 | 2         |                      |   |

|   |  |  |  |   |  |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |   |  |  |  |   |  |
|---|--|--|--|---|--|--|--|--|--|---|--|---|--|--|--|--|--|--|--|--|---|--|--|--|---|--|
| Lung  |  |  |  |   |  |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |   |  |  |  |   |  |
| Alveolar/Bronchiolar Adenoma                |  |  |  |   |  |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |   |  |  |  |   |  |
| Alveolar/Bronchiolar Carcinoma              |  |  |  |   |  |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |   |  |  |  |   |  |
| Carcinoma, Metastatic, Thyroid Gland        |  |  |  |   |  |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |   |  |  |  |   |  |
| Fibrosarcoma, Metastatic, Skin              |  |  |  |   |  |  |  |  |  | X |  |   |  |  |  |  |  |  |  |  |   |  |  |  |   |  |
| Hepatocellular Carcinoma, Metastatic, Liver |  |  |  |   |  |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  | X |  |  |  |   |  |
| Histiocytic Sarcoma                         |  |  |  | X |  |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |   |  |  |  |   |  |
| Lymphoma Malignant                          |  |  |  |   |  |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |   |  |  |  |   |  |
| Osteosarcoma, Metastatic, Bone              |  |  |  |   |  |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |   |  |  |  | X |  |
| Osteosarcoma, Metastatic, Skeletal Muscle   |  |  |  | X |  |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |   |  |  |  |   |  |
| Osteosarcoma, Metastatic, Skin              |  |  |  |   |  |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |   |  |  |  |   |  |
| Mediastinum                                 |  |  |  |   |  |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |   |  |  |  |   |  |
| Hepatocellular Carcinoma, Metastatic, Liver |  |  |  |   |  |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |   |  |  |  |   |  |
| Histiocytic Sarcoma                         |  |  |  |   |  |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |   |  |  |  |   |  |
| Nose  |  |  |  |   |  |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |   |  |  |  |   |  |
| Lymphoma Malignant                          |  |  |  |   |  |  |  |  |  |   |  | I |  |  |  |  |  |  |  |  |   |  |  |  |   |  |
| Trachea                                     |  |  |  |   |  |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |   |  |  |  |   |  |

**SPECIAL SENSES SYSTEM**

|                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |
|---------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|
| Eye                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |
| Harderian Gland     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |
| Adenoma             |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X |  |  |  |  |  |  |  |  |  |  |  |
| Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  | M |  |  |  |  |  |  |  |  |  |  |  |

**URINARY 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE | DAY ON TEST |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | females<br>(cont...) |  |
|--------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|--|
|                    | 0743        | 0743 | 0559 | 0559 | 0774 | 0774 | 0774 | 0774 | 0774 | 0774 | 0774 | 0774 | 0774 | 0774 | 0574 | 0774 | 0774 | 0774 | 0774 | 0574 | 0774 | 0774 | 0774 | 0674 | 0674 |                      |  |
| 0 W/kg             |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |
|                    | ANIMAL ID   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |
|                    | 0065        | 0066 | 0067 | 0068 | 0069 | 0070 | 0071 | 0072 | 0073 | 0074 | 0075 | 0076 | 0077 | 0078 | 0079 | 0080 | 0081 | 0082 | 0083 | 0084 | 0085 | 0086 | 0087 | 0088 | 0089 | 0090                 |  |

|                         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney                  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Histiocytic Sarcoma     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |
| Renal Mesenchymal Tumor |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Renal Tubule, Adenoma   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

|                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Urinary Bladder     | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | M | + | + | + | + | + | + | + | + | + |   |
| Histiocytic Sarcoma |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |
| Lymphoma Malignant  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

SYSTEMIC LESIONS

|                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Multiple Organ      | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Histiocytic Sarcoma |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |
| 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                    |             | 7 | 7 | 7 | 7 | 4 | 6 | 7 | 5 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 6 |
| 0 W/kg             | ANIMAL ID   | 5 | 4 | 5 | 4 | 9 | 4 | 4 | 7 | 4 | 4 | 0 | 4 | 5 | 4 |   |   |
|                    |             | 0 | 6 | 0 | 4 | 3 | 8 | 5 | 7 | 3 | 0 | 3 | 7 | 3 | 0 | 4 |   |
|                    |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                    |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                    |             | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
|                    |             | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
|                    |             | 3 | 4 | 5 | 6 | 7 | 0 | 1 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 0 |
| <b>* TOTALS</b>    |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**ALIMENTARY SYSTEM**

|                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Esophagus                        | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | 87 |
| Gallbladder                      | + | + | + | + | A | + | + | A | + | + | + | + | + | + | + | A | 79 |
| Lymphoma Malignant               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Intestine Large, Cecum           | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | 84 |
| Fibrosarcoma, Metastatic, Skin   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Intestine Large, Colon           | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | 84 |
| Intestine Large, Rectum          | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | 88 |
| Fibrosarcoma, Metastatic, Skin   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Lymphoma Malignant               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Osteosarcoma, Metastatic, Skin   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Intestine Small, Duodenum        | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | 82 |
| Fibrosarcoma, Metastatic, Skin   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Intestine Small, Ileum           | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | 83 |
| Intestine Small, Jejunum         | + | + | + | + | A | + | + | A | + | + | + | + | + | + | + | A | 84 |
| Histiocytic Sarcoma              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Liver                            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 89 |
| Fibrosarcoma, Metastatic, Skin   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Hepatoblastoma                   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Hepatocellular Adenoma           |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   | 14 |
| Hepatocellular Adenoma, Multiple |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   | 5  |
| Hepatocellular Carcinoma         |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   | 6  |

\* .. 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: 20105 - 78

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Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE<br>0 W/kg                | DAY ON TEST      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | * TOTALS |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------|
|   | 0<br>7<br>5<br>0 | 0<br>7<br>4<br>6 | 0<br>7<br>5<br>0 | 0<br>7<br>4<br>4 | 0<br>4<br>9<br>3 | 0<br>6<br>4<br>8 | 0<br>7<br>4<br>5 | 0<br>5<br>7<br>7 | 0<br>7<br>4<br>3 | 0<br>7<br>4<br>0 | 0<br>7<br>4<br>3 | 0<br>6<br>0<br>7 | 0<br>7<br>4<br>3 | 0<br>7<br>5<br>0 | 0<br>6<br>4<br>4 |          |
| ANIMAL ID                                   | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                |          |
|   | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                |          |
|   | 1                | 1                | 1                | 1                | 1                | 2                | 2                | 2                | 2                | 2                | 2                | 2                | 2                | 2                | 2                |          |
|   | 9                | 9                | 9                | 9                | 9                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 1                |          |
|   | 3                | 4                | 5                | 6                | 7                | 0                | 1                | 3                | 4                | 5                | 6                | 7                | 8                | 9                | 0                |          |
| Hepatocellular Carcinoma, Multiple          |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 2        |
| Histiocytic Sarcoma                         |                  |                  |                  |                  |                  |                  | X                |                  |                  | X                |                  |                  |                  |                  |                  | 7        |
| Lymphoma Malignant                          |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1        |
| Osteosarcoma, Metastatic, Bone              |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1        |
| Osteosarcoma, Metastatic, Skin              |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1        |
| Mesentery                                   | +                |                  |                  |                  |                  | +                |                  |                  |                  |                  |                  |                  |                  |                  |                  | 29       |
| Fibrosarcoma, Metastatic, Skin              |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1        |
| Histiocytic Sarcoma                         |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1        |
| Lymphoma Malignant                          |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1        |
| Renal Mesenchymal Tumor, Metastatic, Kidney |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1        |
| Fat, Hemangioma                             |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1        |
| Pancreas                                    | +                | +                | +                | +                | A                | +                | +                | +                | +                | +                | +                | +                | +                | +                | M                | 87       |
| Fibrosarcoma, Metastatic, Skin              |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1        |
| Histiocytic Sarcoma                         |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 3        |
| Lymphoma Malignant                          |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1        |
| Renal Mesenchymal Tumor, Metastatic, Kidney |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1        |
| Salivary Glands                             | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | 89       |
| Lymphoma Malignant                          |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1        |
| Stomach, Forestomach                        | +                | +                | +                | +                | A                | +                | +                | +                | +                | +                | +                | +                | +                | +                | A                | 86       |
| Fibrosarcoma, Metastatic, Skin              |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1        |
| Squamous Cell Papilloma                     |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 1        |
| Stomach, Glandular                          | +                | +                | +                | +                | A                | +                | +                | +                | +                | +                | +                | +                | +                | +                | A                | 85       |
| Fibrosarcoma, Metastatic, Skin              |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 MICE FEMALE</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|                           |             | 7 | 7 | 7 | 7 | 4 | 6 | 7 | 5 | 7 | 7 | 7 | 6 | 7 | 7 | 6 |
| <b>0 W/kg</b>             |             | 5 | 4 | 5 | 4 | 9 | 4 | 4 | 7 | 4 | 4 | 0 | 4 | 5 | 4 |   |
|                           |             | 0 | 6 | 0 | 4 | 3 | 8 | 5 | 7 | 3 | 0 | 3 | 7 | 3 | 0 | 4 |
|                           | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|                           |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|                           |             | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |   |
|                           |             | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |   |
|                           |             | 3 | 4 | 5 | 6 | 7 | 0 | 1 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
| <b>* TOTALS</b>           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**CARDIOVASCULAR SYSTEM**

|                                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |
|--------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Aorta                          | M | + | + | M | + | + | + | + | + | + | + | M | + | + | + | <b>84</b> |
| Heart                          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>90</b> |
| Histiocytic Sarcoma            |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   | <b>3</b>  |
| Lymphoma Malignant             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Osteosarcoma, Metastatic, Skin |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |

**ENDOCRINE SYSTEM**

|                            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Adrenal Cortex             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>84</b> |
| Adenoma                    |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   | <b>1</b>  |
| Histiocytic Sarcoma        |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   | <b>2</b>  |
| Lymphoma Malignant         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Adrenal Medulla            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>83</b> |
| Pheochromocytoma Malignant |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   | <b>2</b>  |
| Islets, Pancreatic         | + | + | + | + | A | + | + | + | + | + | + | + | + | + | M | <b>87</b> |
| Carcinoma                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Histiocytic Sarcoma        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Parathyroid Gland          | + | + | M | + | + | + | + | M | M | M | M | M | M | M | M | <b>60</b> |
| Pituitary Gland            | + | + | + | + | + | + | + | + | + | + | + | I | + | + |   | <b>80</b> |
| Pars Distalis, Adenoma     |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   | <b>6</b>  |
| Thyroid Gland              | + | + | + | + | + | + | + | + | + | + | + | + | M | + | A | <b>86</b> |
| C-cell, Carcinoma          |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   | <b>1</b>  |

\* .. 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| <b>B6C3F1 MICE FEMALE</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |  |
|                           |             | 7 | 7 | 7 | 7 | 4 | 6 | 7 | 5 | 7 | 7 | 7 | 6 | 7 | 7 | 6 |  |
|                           |             | 5 | 4 | 5 | 4 | 9 | 4 | 4 | 7 | 4 | 4 | 4 | 0 | 4 | 5 | 4 |  |
|                           |             | 0 | 6 | 0 | 4 | 3 | 8 | 5 | 7 | 3 | 0 | 3 | 7 | 3 | 0 | 4 |  |
| <b>0 W/kg</b>             | 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 |  |
|                           |             | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  |
|                           |             | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |  |
|                           |             | 3 | 4 | 5 | 6 | 7 | 0 | 1 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |  |
| <b>* TOTALS</b>           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |

**GENERAL BODY SYSTEM**

|   |          |
|---|----------|
| Tissue NOS                                | <b>1</b> |
| Abdominal, Osteosarcoma, Metastatic, Skin | <b>1</b> |

**GENITAL SYSTEM**

|                                |                               |           |
|--------------------------------|-------------------------------|-----------|
| Clitoral Gland                 | + + + M + + + + + + + + + M   | <b>82</b> |
| Ovary                          | I + + + + M + M + + + + + + + | <b>75</b> |
| Cystadenoma                    |                               | <b>2</b>  |
| Granulosa Cell Tumor Benign    |                               | <b>1</b>  |
| Hemangioma                     |                               | <b>2</b>  |
| Histiocytic Sarcoma            |                               | <b>1</b>  |
| Thecoma Malignant              |                               | <b>1</b>  |
| Uterus                         | + + + + + + + + + + + + + +   | <b>89</b> |
| Fibroma                        |                               | <b>1</b>  |
| Fibrosarcoma, Metastatic, Skin |                               | <b>1</b>  |
| Histiocytic Sarcoma            | X                             | <b>4</b>  |
| Leiomyoma                      |                               | <b>1</b>  |
| Vagina                         |                               | <b>0</b>  |

**HEMATOPOIETIC SYSTEM**

|                     |                             |           |
|---------------------|-----------------------------|-----------|
| Bone Marrow         | + + + + + + + + + + + + + + | <b>90</b> |
| Histiocytic Sarcoma | X                           | <b>1</b>  |
| Lymph Node          | + + + + + + + + + + + + + + | <b>18</b> |
| Histiocytic Sarcoma | X                           | <b>3</b>  |

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
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Experiment Number: 20105 - 78

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P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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Lab: IIT

| B6C3F1 MICE FEMALE | DAY ON TEST |      |      |      |      |      |      |      |      |      |      |      |      |      |      | * TOTALS |
|--------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|
|                    | 0750        | 0754 | 0755 | 0754 | 0749 | 0764 | 0774 | 0757 | 0773 | 0774 | 0774 | 0676 | 0774 | 0774 | 0676 |          |
| 0 W/kg             | ANIMAL ID   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |
|                    | 0000        | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 |          |
|                    | 1193        | 1194 | 1195 | 1196 | 1197 | 1190 | 1191 | 1192 | 1193 | 1194 | 1195 | 1196 | 1197 | 1198 | 1199 | 0        |

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |    |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|----|
| Lymphoma Malignant  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  | 2  |
| Bronchial, Alveolar/Bronchiolar Carcinoma, Metastatic, Lung | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  | 1  |
| Bronchial, Fibrosarcoma, Metastatic, Skin                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  | 1  |
| Lymph Node, Mandibular                                      | + | I | M | + | + | + | + | + | + | M | + | + | + | + | + |  | 76 |
| Histiocytic Sarcoma   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |  | 3  |
| Lymphoma Malignant  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  | 1  |
| Lymph Node, Mesenteric                                      | + | + | M | + | + | + | + | + | + | + | + | + | I | + | A |  | 71 |
| Fibrosarcoma, Metastatic, Skin                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  | 1  |
| Histiocytic Sarcoma   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |  | 4  |
| Lymphoma Malignant  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  | 1  |
| Renal Mesenchymal Tumor, Metastatic, Kidney                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  | 1  |
| Spleen  | + | + | + | + | A | + | + | + | + | + | + | + | + | + | A |  | 86 |
| Histiocytic Sarcoma   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |  | 5  |
| Lymphoma Malignant  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  | 1  |
| Thymus  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  | 85 |
| Histiocytic Sarcoma   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |  | 2  |
| Lymphoma Malignant  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  | 1  |

**INTEGUMENTARY SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |    |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|----|
| Mammary Gland                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  | 85 |
| Histiocytic Sarcoma               |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |  | 1  |
| Skin                              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  | 90 |
| Subcutaneous Tissue, Fibroma      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  | 1  |
| Subcutaneous Tissue, Fibrosarcoma |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  | 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  
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Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE | DAY ON TEST |        |        |        |        |        |        |        |        |        |        |        |        |        |        | * TOTALS |
|--------------------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|
|                    | 0750        | 0750   | 0750   | 0750   | 0750   | 0750   | 0750   | 0750   | 0750   | 0750   | 0750   | 0750   | 0750   | 0750   | 0750   |          |
| 0 W/kg             | 0093        | 0094   | 0095   | 0096   | 0097   | 0090   | 0091   | 0093   | 0094   | 0095   | 0096   | 0097   | 0098   | 0099   | 0090   |          |
|                    | 001193      | 001194 | 001195 | 001196 | 001197 | 001190 | 001191 | 001193 | 001194 | 001195 | 001196 | 001197 | 001198 | 001199 | 001190 |          |

|                                      |   |
|--------------------------------------|---|
| Subcutaneous Tissue, Hemangiosarcoma | 2 |
| Subcutaneous Tissue, Lipoma          | 1 |
| Subcutaneous Tissue, Osteosarcoma    | 1 |
| Subcutaneous Tissue, Sarcoma         | 2 |

**MUSCULOSKELETAL SYSTEM**

|                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone                | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |
| Hemangioma          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Osteosarcoma        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Skeletal Muscle     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 89 |
| Histiocytic Sarcoma |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Osteosarcoma        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |

**NERVOUS SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|
| Brain                                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +  | 87 |
| Histiocytic Sarcoma                       |   |   |   |   |   |   |   | X |   |   |   |   |   |   |    | 1  |
| Osteosarcoma, Metastatic, Skeletal Muscle |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 1  |
| Brain Trigeminal Ganglion                 | + | M | M | + | + | + | + | + | + | + | + | + | M | + | 75 |    |
| Nerve Trigeminal                          | + | + | + | + | + | + | M | + | + | + | + | M | + | + | M  | 56 |
| Peripheral Nerve, Sciatic                 | + | + | + | M | + | + | + | + | + | + | + | + | + | + | +  | 88 |
| Spinal Cord                               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +  | 90 |

**RESPIRATORY SYSTEM**

\* .. 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

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First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

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

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Lung  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |
| Alveolar/Bronchiolar Adenoma                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3  |
| Alveolar/Bronchiolar Carcinoma              | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3  |
| Carcinoma, Metastatic, Thyroid Gland        |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   | 1  |
| Fibrosarcoma, Metastatic, Skin              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Hepatocellular Carcinoma, Metastatic, Liver |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2  |
| Histiocytic Sarcoma                         |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   | 6  |
| Lymphoma Malignant                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Osteosarcoma, Metastatic, Bone              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Osteosarcoma, Metastatic, Skeletal Muscle   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Osteosarcoma, Metastatic, Skin              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Mediastinum                                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2  |
| Hepatocellular Carcinoma, Metastatic, Liver |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Histiocytic Sarcoma                         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Nose  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 89 |
| Lymphoma Malignant                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Trachea                                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |

**SPECIAL SENSES SYSTEM**

|                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Eye                 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 89 |
| Harderian Gland     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 89 |
| Adenoma             |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   | 4  |
| Histiocytic Sarcoma |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |

**URINARY SYSTEM**

\* .. 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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Experiment Number: 20105 - 78

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Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE<br>0 W/kg | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | * TOTALS |
|------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----------|
|                              | ANIMAL ID   | 7 | 7 | 7 | 7 | 4 | 6 | 7 | 5 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 6  |          |
|                              |             | 5 | 4 | 5 | 4 | 9 | 4 | 4 | 7 | 4 | 4 | 0 | 4 | 5 | 4 | 4 |    |          |
|                              |             | 0 | 6 | 0 | 4 | 3 | 8 | 5 | 7 | 3 | 0 | 3 | 7 | 3 | 0 | 4 |    |          |
|                              |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |    |          |
|                              |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |    |          |
|                              |             | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |    |          |
|                              |             | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |    |          |
|                              |             | 3 | 4 | 5 | 6 | 7 | 0 | 1 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |    |          |
| Kidney                       |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | 89 |          |
| Histiocytic Sarcoma          |             |   |   |   |   |   |   |   | X |   |   | X |   |   |   |   | 4  |          |
| Renal Mesenchymal Tumor      |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |          |
| Renal Tubule, Adenoma        |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2  |          |
| Urinary Bladder              |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 86 |          |
| Histiocytic Sarcoma          |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2  |          |
| Lymphoma Malignant           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |          |
| <b>SYSTEMIC LESIONS</b>      |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |          |
| Multiple Organ               |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |          |
| Histiocytic Sarcoma          |             |   |   |   |   |   |   |   | X |   |   | X |   |   |   |   | 8  |          |
| 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE                          | DAY ON TEST |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | females<br>(cont...) |  |  |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|--|--|
|   | 0638        | 0752 | 0773 | 0773 | 0777 | 0777 | 0575 | 0777 | 0777 | 0777 | 0577 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0474 | 0774 | 0774 |      |                      |  |  |
| 2.5 W/kg                                    | ANIMAL ID   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |  |
|   | 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                    |  |  |
| Mesentery                                   |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |  |
| Lymphoma Malignant                          |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |  |
| Fat, Lipoma                                 |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |  |
| Pancreas                                    |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |  |
| Lymphoma Malignant                          |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |  |
| Salivary Glands                             |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |  |
| Adenocarcinoma, Metastatic, Harderian Gland |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |  |
| Lymphoma Malignant                          |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |  |
| Stomach, Forestomach                        |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |  |
| Lymphoma Malignant                          |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |  |
| Stomach, Glandular                          |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |  |
| Lymphoma Malignant                          |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |  |
| <b>CARDIOVASCULAR SYSTEM</b>                |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |  |
| Aorta                                       |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |  |
| Heart                                       |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |  |
| Adenocarcinoma, Metastatic, Harderian Gland |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |  |
| Histiocytic Sarcoma                         |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |  |
| Lymphoma Malignant                          |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |  |
| <b>ENDOCRINE SYSTEM</b>                     |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |  |
| Adrenal Cortex                              |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |  |

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

Experiment Number: 20105 - 78  
 Test Type: CHRONIC  
 Route: Whole Body Exposure  
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Cell Phone Radiation: GSM  
 CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017  
 Time Report Requested: 13:43:11  
 First Dose M/F: 06/18/12 / 06/18/12  
 Lab: IIT

| B6C3F1 MICE FEMALE<br>2.5 W/kg   | DAY ON TEST | 0<br>6<br>3<br>8      | 0<br>7<br>5<br>2      | 0<br>7<br>4<br>3      | 0<br>7<br>3<br>9      | 0<br>7<br>3<br>9      | 0<br>7<br>4<br>3      | 0<br>5<br>6<br>2      | 0<br>7<br>4<br>0      | 0<br>7<br>4<br>5      | 0<br>7<br>4<br>3      | 0<br>5<br>4<br>0      | 0<br>7<br>4<br>5      | 0<br>7<br>4<br>4      | 0<br>7<br>1<br>6      | 0<br>7<br>4<br>5      | 0<br>7<br>3<br>9      | 0<br>7<br>3<br>0      | 0<br>7<br>4<br>5      | 0<br>7<br>5<br>1      | 0<br>7<br>5<br>0      | 0<br>7<br>5<br>2      | 0<br>7<br>5<br>0      | 0<br>4<br>4<br>4      | 0<br>7<br>4<br>4      | 0<br>7<br>4<br>5      | females<br>(cont...) |                       |   |
|--|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------|-----------------------|---|
|  | ANIMAL ID   | 0<br>0<br>3<br>1<br>6 | 0<br>0<br>3<br>1<br>7 | 0<br>0<br>3<br>1<br>8 | 0<br>0<br>3<br>1<br>9 | 0<br>0<br>3<br>2<br>0 | 0<br>0<br>3<br>2<br>1 | 0<br>0<br>3<br>2<br>2 | 0<br>0<br>3<br>2<br>2 | 0<br>0<br>3<br>2<br>2 | 0<br>0<br>3<br>2<br>2 | 0<br>0<br>3<br>2<br>2 | 0<br>0<br>3<br>2<br>2 | 0<br>0<br>3<br>2<br>3 | 0<br>0<br>3<br>2<br>3 | 0<br>0<br>3<br>2<br>3 | 0<br>0<br>3<br>2<br>3 | 0<br>0<br>3<br>2<br>3 | 0<br>0<br>3<br>2<br>3 | 0<br>0<br>3<br>2<br>3 | 0<br>0<br>3<br>2<br>3 | 0<br>0<br>3<br>2<br>3 | 0<br>0<br>3<br>2<br>3 | 0<br>0<br>3<br>2<br>3 | 0<br>0<br>3<br>2<br>3 | 0<br>0<br>3<br>2<br>3 |                      | 0<br>0<br>3<br>2<br>3 |   |
| Lymphoma Malignant   |             |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                      |                       |   |
| Adrenal Medulla  |             | +                     | +                     | +                     | M                     | M                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | M                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                    | +                     | + |
| Islets, Pancreatic<br>Carcinoma<br>Lymphoma Malignant                                  |             | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | A                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                    | +                     | + |
| Parathyroid Gland  |             | +                     | +                     | +                     | M                     | +                     | +                     | +                     | M                     | +                     | M                     | +                     | M                     | +                     | +                     | +                     | M                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                    | +                     | + |
| Pituitary Gland<br>Pars Distalis, Adenoma  |             | +                     | +                     | M                     | +                     | +                     | +                     | +                     | +                     | M                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                    | M                     | + |
| Thyroid Gland<br>Lymphoma Malignant  |             | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                    | +                     | + |
| <b>GENERAL BODY SYSTEM</b>   |             |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                      |                       |   |
| Tissue NOS<br>Lymphoma Malignant   |             |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                      |                       |   |
| <b>GENITAL SYSTEM</b>  |             |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                      |                       |   |
| Clitoral Gland   |             | +                     | +                     | +                     | +                     | M                     | +                     | +                     | M                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | M                    | +                     | + |
| Ovary<br>Cystadenoma<br>Hemangioma<br>Hemangiosarcoma<br>Luteoma<br>Lymphoma Malignant |             | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | M                     | +                     | +                     | +                     | +                     | +                     | +                    | +                     | + |
|  |             |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       | 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE<br>2.5 W/kg | 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 | females<br>(cont...) |   |
|--------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------------------|---|
|                                | 6           | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4 |           |                      | 7 |
|                                | 3           | 5 | 4 | 3 | 3 | 4 | 6 | 4 | 4 | 4 | 5 | 4 | 4 | 1 | 4 | 3 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 4 | 4 |           |                      |   |
|                                | 8           | 2 | 3 | 9 | 9 | 3 | 2 | 0 | 5 | 3 | 0 | 5 | 4 | 6 | 5 | 9 | 0 | 0 | 5 | 1 | 0 | 2 | 0 | 7 | 4 | 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 | 0         | 0                    |   |
|                                | 0           | 0 | 0 | 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                    |   |
|                                | 1           | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4         | 4                    |   |
|                                | 6           | 7 | 8 | 9 | 0 | 1 | 2 | 4 | 6 | 8 | 9 | 0 | 1 | 3 | 4 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 4 | 5 | 6         | 5                    |   |

|                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Uterus             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymphoma Malignant |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |
| Polyp Stromal      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

HEMATOPOIETIC SYSTEM

|                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Erythrocytic |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |

|                     |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |   |  |  |  |
|---------------------|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|---|---|---|---|--|--|--|
| Lymph Node          |  |  |  |  |  |  | + |  |  |  |  |  |  |  |  |  |  |  |  | + | + | + | + |  |  |  |
| Histiocytic Sarcoma |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |   |  |  |  |
| Lymphoma Malignant  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   | X | X |   |  |  |  |

|                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lymph Node, Mandibular | M | I | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + |
| Lymphoma Malignant     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

|                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lymph Node, Mesenteric | M | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant     |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |

|                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Spleen                | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + |
| Hemangiosarcoma       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Histiocytic Sarcoma   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Leukemia Erythrocytic |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant    |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   | X |   | X | X |   |   |   |

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

\* .. 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: 20105 - 78

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Lab: IIT

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

females (cont...)

Spinal Cord  
Lymphoma Malignant

+ X

RESPIRATORY SYSTEM

Lung  
Adenocarcinoma, Metastatic, Harderian Gland  
Alveolar/Bronchiolar Adenoma  
Alveolar/Bronchiolar Adenoma, Multiple  
Alveolar/Bronchiolar Carcinoma  
Histiocytic Sarcoma  
Lymphoma Malignant

+  
X X X  
X  
X X

Nose  
Adenocarcinoma, Metastatic, Harderian Gland

+ +

Trachea  
Lymphoma Malignant

+ + M +

SPECIAL SENSES SYSTEM

Eye  
Harderian Gland  
Adenocarcinoma  
Adenoma  
Lymphoma Malignant

+  
+  
X X

Lacrimal Gland  
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

|                           |             |           |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                              |      |
|---------------------------|-------------|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------------------------|------|
| <b>B6C3F1 MICE FEMALE</b> | DAY ON TEST | 0638      | 0752 | 0749 | 0739 | 0773 | 0562 | 0740 | 0775 | 0773 | 0777 | 0570 | 0745 | 0774 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0474 | 0774 | <b>females<br/>(cont...)</b> |      |
|                           | 2.5 W/kg    | ANIMAL ID | 0031 | 0037 | 0038 | 0000 | 0001 | 0002 | 0004 | 0006 | 0008 | 0009 | 0010 | 0011 | 0013 | 0014 | 0015 | 0016 | 0017 | 0018 | 0019 | 0020 | 0033 |                              | 0034 |
|                           |             |           | 678  | 52   | 49   | 00   | 01   | 02   | 04   | 06   | 08   | 09   | 10   | 11   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 33   |                              | 34   |

**URINARY SYSTEM**

|                                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney<br>Lymphoma Malignant          | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + |
| Urinary Bladder<br>Lymphoma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + |

**SYSTEMIC LESIONS**

|                                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Multiple Organ<br>Histiocytic Sarcoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Erythrocytic                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 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: 20105 - 78  
Test Type: CHRONIC  
Route: Whole Body Exposure  
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
Cell Phone Radiation: GSM  
CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017  
Time Report Requested: 13:43:11  
First Dose M/F: 06/18/12 / 06/18/12  
Lab: IIT

| B6C3F1 MICE FEMALE<br>2.5 W/kg | 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 | females<br>(cont...) |
|--------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------------------|
|                                |             | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |           |                      |
|                                |             | 4 | 7 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 4 | 4 | 5 | 1 | 4 | 3 | 1 | 4 | 5 | 4 | 5 | 4 | 4 | 4 | 5 | 4 | 3         |                      |
|                                |             | 4 | 7 | 4 | 2 | 0 | 6 | 9 | 4 | 5 | 3 | 6 | 0 | 7 | 3 | 7 | 7 | 4 | 0 | 5 | 1 | 5 | 0 | 4 | 4 | 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 | 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         |                      |
|                                |             | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7         |                      |
|                                |             | 6 | 7 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 1         |                      |

### ALIMENTARY SYSTEM

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

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

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

Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE<br>2.5 W/kg              | 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 | ANIMAL ID |  |                      |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--|----------------------|
|   | 7   | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |           |  |                      |
|   | 4   | 7 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 4 | 5 | 1 | 4 | 3 | 1 | 4 | 5 | 4 | 5 | 4 | 4 | 4 | 5 | 4 |           |  |                      |
|   | 4   | 7 | 4 | 2 | 0 | 6 | 9 | 4 | 5 | 3 | 6 | 0 | 7 | 3 | 7 | 7 | 4 | 0 | 5 | 1 | 5 | 0 | 4 | 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 |           |  |                      |
|   | 3   | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |           |  |                      |
|   | 4   | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 |           |  |                      |
|   | 6   | 7 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |           |  | females<br>(cont...) |
| Lymphoma Malignant                          | X   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |  |                      |
| Mesentery                                   | +     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |  |                      |
| Lymphoma Malignant                          | X   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |  |                      |
| Fat, Lipoma                                 | X   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |  |                      |
| Pancreas                                    | +     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |  |                      |
| Lymphoma Malignant                          | X   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |  |                      |
| Salivary Glands                             | +     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |  |                      |
| Adenocarcinoma, Metastatic, Harderian Gland | +     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |  |                      |
| Lymphoma Malignant                          | X   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |  |                      |
| Stomach, Forestomach                        | +     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |  |                      |
| Lymphoma Malignant                          | X   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |  |                      |
| Stomach, Glandular                          | +     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |  |                      |
| Lymphoma Malignant                          | X   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |  |                      |
| <b>CARDIOVASCULAR SYSTEM</b>                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |  |                      |
| Aorta                                       | + M + |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |  |                      |
| Heart                                       | + |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |  |                      |
| Adenocarcinoma, Metastatic, Harderian Gland | + |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |  |                      |
| Histiocytic Sarcoma                         | + |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |  |                      |
| Lymphoma Malignant                          | X   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |  |                      |
| <b>ENDOCRINE SYSTEM</b>                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |  |                      |
| Adrenal Cortex                              | + |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |  |                      |

\* .. 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                           |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                              |
|---------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------------------------|
| <b>B6C3F1 MICE FEMALE</b> | DAY ON TEST | 0744 | 0674 | 0772 | 0770 | 0776 | 0774 | 0779 | 0774 | 0775 | 0773 | 0776 | 0770 | 0773 | 0577 | 0664 | 0774 | 0775 | 0771 | 0774 | 0774 | 0774 | 0775 | 0774 | 0773 | <b>females<br/>(cont...)</b> |
|                           | ANIMAL ID   | 0046 | 0003 | 0004 | 0005 | 0001 | 0002 | 0003 | 0004 | 0005 | 0006 | 0007 | 0008 | 0009 | 0010 | 0011 | 0012 | 0013 | 0014 | 0015 | 0016 | 0017 | 0018 | 0019 | 0020 |                              |

Lymphoma Malignant

X

Adrenal Medulla

M +

Islets, Pancreatic  
Carcinoma

+ + + + + + + + + + + + A + + + + + + + + + + + + + +

Lymphoma Malignant

X

Parathyroid Gland

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

Pituitary Gland  
Pars Distalis, Adenoma

+ + + + + + + + + + + + A + + + + + + + + + + + + + +

Thyroid Gland  
Lymphoma Malignant

+ + + + + + + + + + + + + + + + + + I + + + + + + + +

**GENERAL BODY SYSTEM**

Tissue NOS  
Lymphoma Malignant

**GENITAL SYSTEM**

Clitoral Gland

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

Ovary  
Cystadenoma  
Hemangioma  
Hemangiosarcoma  
Luteoma  
Lymphoma Malignant

+ + + + + + + + + + I + + + + I + + + + + + + + + + X

\* .. 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: 20105 - 78  
 Test Type: CHRONIC  
 Route: Whole Body Exposure  
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Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE<br>2.5 W/kg | 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 | ANIMAL ID | females<br>(cont...) |   |
|--------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------------------|---|
|                                |             | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |           |                      | 7 |
|                                |             | 4 | 7 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 4 | 5 | 1 | 4 | 3 | 1 | 4 | 5 | 4 | 5 | 4 | 4 | 4 | 5 | 4         | 0                    |   |
|                                |             | 4 | 7 | 4 | 2 | 0 | 6 | 9 | 4 | 5 | 3 | 6 | 0 | 7 | 3 | 7 | 4 | 0 | 5 | 1 | 5 | 0 | 4 | 1 | 4         | 0                    |   |
|                                |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0         | 0                    |   |
|                                |             | 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                    |   |
|                                |             | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7         | 6                    |   |
|                                |             | 6 | 7 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0         | 6                    |   |

|                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Uterus             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
| Lymphoma Malignant |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |  |
| Polyp Stromal      |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |

**HEMATOPOIETIC SYSTEM**

|                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Bone Marrow            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
| Leukemia Erythrocytic  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Lymphoma Malignant     |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |  |
| Lymph Node             |   |   | + |   |   |   |   |   |   |   |   |   |   | + |   |   |   |   |   |   |   |   |   |   |  |
| Histiocytic Sarcoma    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Lymphoma Malignant     |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |  |
| Lymph Node, Mandibular | + | M | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
| Lymphoma Malignant     |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |  |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + |  |
| Histiocytic Sarcoma    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Lymphoma Malignant     |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |  |
| Spleen                 | + | A | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + |  |
| Hemangiosarcoma        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Histiocytic Sarcoma    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Leukemia Erythrocytic  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Lymphoma Malignant     |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |  |
| Thymus                 | + | M | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
| Histiocytic Sarcoma    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Lymphoma Malignant     |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |  |

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

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

Experiment Number: 20105 - 78  
 Test Type: CHRONIC  
 Route: Whole Body Exposure  
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Cell Phone Radiation: GSM  
 CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017  
 Time Report Requested: 13:43:11  
 First Dose M/F: 06/18/12 / 06/18/12  
 Lab: IIT

|                           |                 |                  |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                              |
|---------------------------|-----------------|------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------------|
| <b>B6C3F1 MICE FEMALE</b> | DAY ON TEST     | 0<br>7<br>4<br>4 | 0<br>6<br>7<br>7      | 0<br>7<br>4<br>4      | 0<br>7<br>5<br>2      | 0<br>7<br>5<br>0      | 0<br>7<br>4<br>6      | 0<br>7<br>3<br>9      | 0<br>7<br>4<br>4      | 0<br>7<br>4<br>5      | 0<br>7<br>4<br>3      | 0<br>7<br>4<br>4      | 0<br>7<br>5<br>1      | 0<br>7<br>4<br>3      | 0<br>5<br>3<br>7      | 0<br>6<br>1<br>7      | 0<br>7<br>4<br>4      | 0<br>7<br>5<br>5      | 0<br>7<br>4<br>4      | 0<br>7<br>5<br>1      | 0<br>7<br>4<br>5      | 0<br>7<br>4<br>4      | 0<br>7<br>5<br>1      | 0<br>7<br>4<br>3      | <b>females<br/>(cont...)</b> |
|                           | <b>2.5 W/kg</b> | ANIMAL ID        | 0<br>0<br>3<br>4<br>6 | 0<br>0<br>0<br>4<br>7 | 0<br>0<br>3<br>4<br>9 | 0<br>0<br>3<br>5<br>0 | 0<br>0<br>3<br>5<br>1 | 0<br>0<br>3<br>5<br>2 | 0<br>0<br>3<br>5<br>3 | 0<br>0<br>3<br>5<br>4 | 0<br>0<br>3<br>5<br>5 | 0<br>0<br>3<br>5<br>6 | 0<br>0<br>3<br>5<br>7 | 0<br>0<br>3<br>5<br>8 | 0<br>0<br>3<br>5<br>9 | 0<br>0<br>3<br>6<br>1 | 0<br>0<br>3<br>6<br>2 | 0<br>0<br>3<br>6<br>3 | 0<br>0<br>3<br>6<br>4 | 0<br>0<br>3<br>6<br>5 | 0<br>0<br>3<br>6<br>6 | 0<br>0<br>3<br>6<br>7 | 0<br>0<br>3<br>6<br>8 | 0<br>0<br>3<br>6<br>9 |                              |

### INTEGUMENTARY SYSTEM

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland                                       | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Lymphoma Malignant                                  |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Skin  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymphoma Malignant                                  |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Sebaceous Gland, Adenoma                            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Subcutaneous Tissue, Malignant Fibrous Histiocytoma |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

### MUSCULOSKELETAL SYSTEM

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Hemangiosarcoma                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Skeletal Muscle                             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenocarcinoma, Metastatic, Harderian Gland |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant                          |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |

### NERVOUS SYSTEM

|                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Brain                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
| Lymphoma Malignant        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Meningioma Benign         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Brain Trigeminal Ganglion | + | + | + | + | + | + | + | + | M | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
| Nerve Trigeminal          | + | + | M | M | M | + | + | + | + | + | M | M | + | M | + | + | + | M | M | M | M | + | M | + | + |  |
| Peripheral Nerve, Sciatic | + | + | + | + | + | + | + | + | + | I | + | + | I | + | + | + | + | + | + | + | + | + | + | + | + |  |

\* .. 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE | DAY ON TEST | 0       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | females<br>(cont...) |
|--------------------|-------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------------------|
|                    |             | 7 6 7 7 7 7 7 7 7 7 7 7 7 5 6 7 7 7 7 7 7 7       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                      |
| 2.5 W/kg           | ANIMAL ID   | 4 7 4 5 5 4 3 4 4 4 5 1 4 3 1 4 5 4 5 4 4 4       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                      |
|                    |             | 4 7 4 2 0 6 4 4 4 5 3 7 3 7 7 4 0 5 1 5 4 4       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                      |
|                    |             | 0       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                      |
|                    |             | 0 0 0 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                      |
|                    |             | 4 4 4 5 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                      |
|                    |             | 6 7 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                      |

|                    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Spinal Cord        | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lymphoma Malignant | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**RESPIRATORY SYSTEM**

|   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Lung  | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Adenocarcinoma, Metastatic, Harderian Gland | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Alveolar/Bronchiolar Adenoma                | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Alveolar/Bronchiolar Adenoma, Multiple      | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Alveolar/Bronchiolar Carcinoma              | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Histiocytic Sarcoma                         | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lymphoma Malignant                          | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Nose  | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Adenocarcinoma, Metastatic, Harderian Gland | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|                    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Trachea            | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lymphoma Malignant | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**SPECIAL SENSES SYSTEM**

|                    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Eye                | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Harderian Gland    | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Adenocarcinoma     | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Adenoma            | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lymphoma Malignant | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lacrimal Gland     | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------------|---|---|
| <b>B6C3F1 MICE FEMALE</b> | 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 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7                        | 7 | 7 |
|                           |             | 4 | 7 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 4 | 5 | 1 | 4 | 3 | 1 | 4 | 5 | 4 | 5 | 4 | 4 | 4 | 5                        | 4 |   |
| <b>2.5 W/kg</b>           | 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 |   |
|                           |             | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7                        |   |   |
|                           |             | 6 | 7 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9                        | 0 |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>females (cont...)</b> |   |   |

**URINARY SYSTEM**

|                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + |
| Lymphoma Malignant |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Urinary Bladder    | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Lymphoma Malignant |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |

**SYSTEMIC LESIONS**

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

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

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

Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                              |   |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------------------------------|---|
| <b>B6C3F1 MICE FEMALE</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                              |   |
|                           |             | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 |                              | 7 |
|                           |             | 4 | 4 | 3 | 4 | 4 | 5 | 3 | 5 | 5 | 0 | 4 | 4 | 5 | 5 | 8 | 4 | 4 | 4 | 4 | 3 | 0 | 6 | 4 |                              | 4 |
| <b>2.5 W/kg</b>           | ANIMAL ID   | 3 | 5 | 9 | 3 | 0 | 1 | 9 | 2 | 2 | 3 | 6 | 0 | 1 | 0 | 7 | 6 | 0 | 3 | 0 | 1 | 4 | 7 | 4 | <b>females<br/>(cont...)</b> |   |
|                           |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                              | 0 |
|                           |             | 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 |                              |   |
|                           |             | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |                              |   |
|                           |             | 2 | 3 | 4 | 5 | 7 | 8 | 9 | 1 | 2 | 3 | 5 | 7 | 8 | 9 | 0 | 1 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0                            |   |

### ALIMENTARY SYSTEM

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder<br>Lymphoma Malignant                         | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + |
| Intestine Large, Cecum<br>Lymphoma Malignant              | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + |
| Intestine Large, Colon<br>Lymphoma Malignant              | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + |
| Intestine Large, Rectum<br>Lymphoma Malignant             | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum                                 | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + |
| Intestine Small, Ileum<br>Lymphoma Malignant              | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + |
| Intestine Small, Jejunum<br>Adenoma<br>Lymphoma Malignant | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + |
|   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Liver   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hemangiosarcoma   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatocellular Adenoma                                    |   |   |   |   |   |   |   |   | X |   |   |   |   |   | X |   |   |   |   |   |   |   |   | X |
| Hepatocellular Adenoma, Multiple                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatocellular Carcinoma                                  |   |   |   |   |   | X |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 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:** 20105 - 78  
**Test Type:** CHRONIC  
**Route:** Whole Body Exposure  
**Species/Strain:** MICE/B6C3F1

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
 Cell Phone Radiation: GSM  
 CAS Number: CELLPRADGSM

**Date Report Requested:** 10/20/2017  
**Time Report Requested:** 13:43:11  
**First Dose M/F:** 06/18/12 / 06/18/12  
**Lab:** IIT

|                           |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|---------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>B6C3F1 MICE FEMALE</b> | DAY ON TEST | 0743  | 0744  | 0773  | 0774  | 0777  | 0777  | 0777  | 0777  | 0777  | 0746  | 0767  | 0777  | 0667  | 0677  | 0677  | 0677  | 0677  | 0677  | 0666  | 0674  | 0674  | 0674  | 0674  | 0674  | 0674  |
|                           | ANIMAL ID   | 00372 | 00373 | 00374 | 00375 | 00377 | 00378 | 00379 | 00381 | 00382 | 00383 | 00385 | 00387 | 00388 | 00389 | 00390 | 00391 | 00393 | 00394 | 00395 | 00396 | 00397 | 00398 | 00399 | 00400 | 00401 |

**females  
(cont...)**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lymphoma Malignant                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Adrenal Medulla                           | M | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Islets, Pancreatic<br>Carcinoma           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymphoma Malignant                        |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Parathyroid Gland                         | + | + | + | + | M | M | + | M | + | + | + | M | + | M | + | + | M | M | + | + | + | + | M | + | + |   |
| Pituitary Gland<br>Pars Distalis, Adenoma | + | + | + | I | + | A | I | + | + | + | + | + | + | + | + | + | + | + | M | + | M | + | + | + | + |   |
| Thyroid Gland<br>Lymphoma Malignant       | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |

**GENERAL BODY SYSTEM**

|                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Tissue NOS<br>Lymphoma Malignant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

**GENITAL SYSTEM**

|                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland     | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | M | + | + | + | + |
| Ovary              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cystadenoma        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hemangioma         |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   | X |   |   |   |   |   |   |   |
| Hemangiosarcoma    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Luteoma            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 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: 20105 - 78  
Test Type: CHRONIC  
Route: Whole Body Exposure  
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
Cell Phone Radiation: GSM  
CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017  
Time Report Requested: 13:43:11  
First Dose M/F: 06/18/12 / 06/18/12  
Lab: IIT

| B6C3F1 MICE FEMALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                    |             | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 |
| 2.5 W/kg           | ANIMAL ID   | 4 | 4 | 3 | 4 | 4 | 5 | 3 | 5 | 5 | 0 | 4 | 4 | 5 | 5 | 8 | 4 | 4 | 4 | 4 | 3 | 0 | 6 | 7 |
|                    |             | 3 | 5 | 9 | 3 | 0 | 1 | 9 | 2 | 2 | 3 | 6 | 0 | 1 | 0 | 7 | 6 | 0 | 3 | 0 | 1 | 4 | 7 | 4 |
|                    |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                    |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 |
|                    |             | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
|                    |             | 2 | 3 | 4 | 5 | 7 | 8 | 9 | 1 | 2 | 3 | 5 | 7 | 8 | 9 | 0 | 1 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|                    |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                    |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

females  
(cont...)

Uterus +  
Lymphoma Malignant  
Polyp Stromal X

**HEMATOPOIETIC SYSTEM**

Bone Marrow + + I +  
Leukemia Erythrocytic X  
Lymphoma Malignant X

Lymph Node +  
Histiocytic Sarcoma X X X  
Lymphoma Malignant X

Lymph Node, Mandibular + + + M + M + + + M + + + + + M + + + + + M + M +  
Lymphoma Malignant X X X

Lymph Node, Mesenteric + + + + + A + M + M +  
Histiocytic Sarcoma X  
Lymphoma Malignant X X X

Spleen +  
Hemangiosarcoma X X  
Histiocytic Sarcoma X X X  
Leukemia Erythrocytic X  
Lymphoma Malignant X

Thymus + + + + + M + + + + + + + + + M + + + + + + + M + + M  
Histiocytic Sarcoma X X  
Lymphoma Malignant X

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

**Experiment Number:** 20105 - 78  
**Test Type:** CHRONIC  
**Route:** Whole Body Exposure  
**Species/Strain:** MICE/B6C3F1

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
Cell Phone Radiation: GSM  
**CAS Number:** CELLPRADGSM

**Date Report Requested:** 10/20/2017  
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**First Dose M/F:** 06/18/12 / 06/18/12  
**Lab:** IIT

|                           |             |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |                   |
|---------------------------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------------|
| <b>B6C3F1 MICE FEMALE</b> | DAY ON TEST | 0743   | 0743   | 0773   | 0773   | 0773   | 0773   | 0773   | 0773   | 0746   | 0767   | 0776   | 0776   | 0667   | 0776   | 0776   | 0776   | 0776   | 0667   | 0667   | 0776   | 0776   | 0776   | females (cont...) |
|                           | ANIMAL ID   | 00372  | 00373  | 00374  | 00375  | 00376  | 00377  | 00378  | 00379  | 00380  | 00381  | 00382  | 00383  | 00384  | 00385  | 00386  | 00387  | 00388  | 00389  | 00390  | 00391  | 00392  | 00393  |                   |
| <b>2.5 W/kg</b>           |             | 043372 | 043373 | 043374 | 043375 | 043376 | 043377 | 043378 | 043379 | 043380 | 043381 | 043382 | 043383 | 043384 | 043385 | 043386 | 043387 | 043388 | 043389 | 043390 | 043391 | 043392 | 043393 |                   |

**INTEGUMENTARY SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland                                       | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymphoma Malignant                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Skin  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymphoma Malignant                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Sebaceous Gland, Adenoma                            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Subcutaneous Tissue, Malignant Fibrous Histiocytoma |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**MUSCULOSKELETAL SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hemangiosarcoma                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Skeletal Muscle                             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenocarcinoma, Metastatic, Harderian Gland |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |
| Lymphoma Malignant                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**NERVOUS SYSTEM**

|                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymphoma Malignant        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Meningioma Benign         |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |
| Brain Trigeminal Ganglion | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | M | + | + | + | + | M | + |
| Nerve Trigeminal          | + | + | + | + | + | M | + | + | M | + | M | + | + | M | M | + | + | M | + | + | + | + | + |
| Peripheral Nerve, Sciatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | I | + | + |

\* .. 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: 20105 - 78

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Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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Lab: IIT

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

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

### RESPIRATORY SYSTEM

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenocarcinoma, Metastatic, Harderian Gland |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |
| Alveolar/Bronchiolar Adenoma                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |
| Alveolar/Bronchiolar Adenoma, Multiple      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Alveolar/Bronchiolar Carcinoma              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Histiocytic Sarcoma                         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant                          |   |   |   |   |   |   |   |   |   |   | X | X |   | X |   |   |   |   |   |   |   |   |   |   |   |

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nose  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenocarcinoma, Metastatic, Harderian Gland |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |

|                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Trachea            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymphoma Malignant |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

### SPECIAL SENSES SYSTEM

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

|                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Harderian Gland    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenocarcinoma     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |
| Adenoma            |   | X |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   | X |   |   |   |
| Lymphoma Malignant |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

|                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |
|--------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|
| Lacrimal Gland     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | + |  |  |  |  |  |  |  |  |  |
| Lymphoma Malignant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X |  |  |  |  |  |  |  |  |  |

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

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

**Experiment Number:** 20105 - 78  
**Test Type:** CHRONIC  
**Route:** Whole Body Exposure  
**Species/Strain:** MICE/B6C3F1

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
 Cell Phone Radiation: GSM  
 CAS Number: CELLPRADGSM

**Date Report Requested:** 10/20/2017  
**Time Report Requested:** 13:43:11  
**First Dose M/F:** 06/18/12 / 06/18/12  
**Lab:** IIT

|                           |                 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                          |
|---------------------------|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------------|
| <b>B6C3F1 MICE FEMALE</b> | DAY ON TEST     | 0743  | 0743  | 0773  | 0774  | 0775  | 0779  | 0772  | 0772  | 0743  | 0764  | 0776  | 0777  | 0766  | 0777  | 0777  | 0777  | 0773  | 0766  | 0774  | 0774  | 0777  | 0777  | 0777  | <b>females (cont...)</b> |
|                           | <b>2.5 W/kg</b> | 00372 | 00337 | 00337 | 00337 | 00337 | 00337 | 00337 | 00337 | 00338 | 00338 | 00338 | 00338 | 00338 | 00338 | 00339 | 00339 | 00339 | 00339 | 00339 | 00339 | 00339 | 00339 | 00340 |                          |
|                           | ANIMAL ID       | 372   | 337   | 337   | 337   | 337   | 337   | 337   | 337   | 338   | 338   | 338   | 338   | 338   | 338   | 339   | 339   | 339   | 339   | 339   | 339   | 339   | 339   | 340   |                          |

### URINARY SYSTEM

|                                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney Lymphoma Malignant          | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Urinary Bladder Lymphoma Malignant | + | + | + | + | + | + | + | + | + | X | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

### SYSTEMIC LESIONS

|                                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Multiple Organ Histiocytic Sarcoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Erythrocytic              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                           |                 |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |  |
|---------------------------|-----------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|--|
| <b>B6C3F1 MICE FEMALE</b> | <b>2.5 W/kg</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                 |  |
|                           |                 |             | 4 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7               |  |
|                           |                 |             | 5 | 5 | 4 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 4 | 5 | 4 | 4 | 5               |  |
|                           |                 |             | 8 | 1 | 0 | 5 | 0 | 6 | 0 | 5 | 0 | 6 | 0 | 1 | 0 | 6 | 1               |  |
|                           | 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 |                 |  |
|                           |                 | 4           | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |                 |  |
|                           |                 | 0           | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |                 |  |
|                           |                 | 3           | 4 | 5 | 6 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 7 | 8 | 9 | 0 | <b>* TOTALS</b> |  |

**ALIMENTARY SYSTEM**

|                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Esophagus                        | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |
| Gallbladder                      | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 75 |
| Lymphoma Malignant               |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   | 1  |
| Intestine Large, Cecum           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 82 |
| Lymphoma Malignant               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Intestine Large, Colon           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 84 |
| Lymphoma Malignant               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Intestine Large, Rectum          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 86 |
| Lymphoma Malignant               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Intestine Small, Duodenum        | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 83 |
| Intestine Small, Ileum           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 82 |
| Lymphoma Malignant               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Intestine Small, Jejunum         | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 81 |
| Adenoma                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Lymphoma Malignant               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2  |
| Liver                            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |
| Hemangiosarcoma                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Hepatocellular Adenoma           |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   | 16 |
| Hepatocellular Adenoma, Multiple |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2  |
| Hepatocellular Carcinoma         |   |   |   |   |   |   | X | X |   |   |   |   |   | X |   | 6  |
| Histiocytic Sarcoma              | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |

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

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

Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE<br>2.5 W/kg              | DAY ON TEST |    |    |    |    |    |    |    |    |    |    |    |    |    |    | * TOTALS |
|---|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|
|   | 04          | 07 | 07 | 07 | 07 | 07 | 06 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 |          |
| ANIMAL ID                                   | 05          | 05 | 04 | 04 | 05 | 04 | 05 | 04 | 05 | 04 | 04 | 05 | 04 | 04 | 05 |          |
|   | 08          | 01 | 00 | 05 | 00 | 06 | 00 | 05 | 00 | 06 | 00 | 01 | 00 | 06 | 01 |          |
| Lymphoma Malignant                          |             | X  |    |    |    |    |    |    |    | X  |    |    |    |    |    | 6        |
| Mesentery                                   | +           |    |    | +  |    |    | +  |    |    | +  |    | +  |    |    |    | 24       |
| Lymphoma Malignant                          |             |    |    |    |    |    |    |    |    | X  |    |    |    |    |    | 2        |
| Fat, Lipoma                                 |             |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 1        |
| Pancreas                                    | +           | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | 88       |
| Lymphoma Malignant                          |             | X  |    |    |    |    |    |    |    |    |    |    |    |    |    | 4        |
| Salivary Glands                             | +           | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | 89       |
| Adenocarcinoma, Metastatic, Harderian Gland |             |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 1        |
| Lymphoma Malignant                          |             |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 2        |
| Stomach, Forestomach                        | +           | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | 89       |
| Lymphoma Malignant                          |             |    |    |    |    |    |    |    |    | X  |    |    |    |    |    | 1        |
| Stomach, Glandular                          | +           | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | 87       |
| Lymphoma Malignant                          |             |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 2        |
| <b>CARDIOVASCULAR SYSTEM</b>                |             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          |
| Aorta                                       | +           | +  | +  | +  | +  | M  | +  | +  | +  | +  | +  | +  | +  | +  | +  | 88       |
| Heart                                       | +           | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | 90       |
| Adenocarcinoma, Metastatic, Harderian Gland |             |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 1        |
| Histiocytic Sarcoma                         | X           |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 1        |
| Lymphoma Malignant                          |             |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 2        |
| <b>ENDOCRINE SYSTEM</b>                     |             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          |
| Adrenal Cortex                              | +           | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | 88       |

\* .. 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE<br>2.5 W/kg            | DAY ON TEST |       |       |       |       |       |       |       |       |       |       |       |       |       |       | * TOTALS |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
|   | 0458        | 0751  | 0770  | 0775  | 0776  | 0776  | 0670  | 0775  | 0776  | 0776  | 0776  | 0776  | 0776  | 0776  | 0776  |          |
| ANIMAL ID                                 | 00403       | 00404 | 00405 | 00406 | 00408 | 00409 | 00410 | 00411 | 00412 | 00413 | 00414 | 00417 | 00418 | 00419 | 00420 |          |
| Lymphoma Malignant                        |             |       |       |       |       |       |       |       |       |       | X     |       |       |       |       | 2        |
| Adrenal Medulla                           | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | 84       |
| Islets, Pancreatic<br>Carcinoma           | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | 88       |
| Lymphoma Malignant                        |             |       | X     |       |       |       |       |       |       |       |       |       |       |       |       | 3        |
| Parathyroid Gland                         | M           | M     | M     | M     | +     | +     | +     | +     | M     | +     | +     | +     | M     | +     | +     | 57       |
| Pituitary Gland<br>Pars Distalis, Adenoma | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | I     | +     | +     | 80       |
| Thyroid Gland<br>Lymphoma Malignant       | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | 89       |
|   |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 1        |
| <b>GENERAL BODY SYSTEM</b>                |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |
| Tissue NOS                                |             |       |       |       |       |       |       |       |       |       |       | +     |       |       |       | 1        |
| Lymphoma Malignant                        |             |       |       |       |       |       |       |       |       |       |       | X     |       |       |       | 1        |
| <b>GENITAL SYSTEM</b>                     |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |
| Clitoral Gland                            | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | 84       |
| Ovary                                     | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | M     | +     | +     | +     | +     | 86       |
| Cystadenoma                               |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 2        |
| Hemangioma                                |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 2        |
| Hemangiosarcoma                           |             |       |       |       |       | X     |       |       |       |       |       |       |       |       |       | 1        |
| Luteoma                                   |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 1        |
| Lymphoma Malignant                        |             |       |       |       |       |       |       |       |       |       |       | X     |       |       |       | 4        |

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Experiment Number: 20105 - 78

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Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

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First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE | DAY ON TEST |    |    |    |    |    |    |    |    |    |    |    |    |    |    | * TOTALS |
|--------------------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|
|                    | 04          | 07 | 07 | 07 | 07 | 07 | 06 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 |          |
| 2.5 W/kg           | 5           | 5  | 4  | 4  | 5  | 4  | 5  | 4  | 5  | 4  | 4  | 5  | 4  | 4  | 5  |          |
|                    | 8           | 1  | 0  | 5  | 0  | 6  | 0  | 5  | 0  | 6  | 0  | 1  | 0  | 6  | 1  |          |
| ANIMAL ID          | 00          | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |          |
|                    | 44          | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 |          |
|                    | 00          | 00 | 00 | 00 | 00 | 00 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 02 |          |
|                    | 34          | 45 | 56 | 88 | 99 | 00 | 11 | 22 | 33 | 44 | 77 | 88 | 99 | 00 |    |          |

|                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Uterus             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |
| Lymphoma Malignant |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   | 3  |
| Polyp Stromal      |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   | 3  |

**HEMATOPOIETIC SYSTEM**

|                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone Marrow            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 89 |
| Leukemia Erythrocytic  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Lymphoma Malignant     |   | X |   |   |   |   |   |   |   | X |   |   |   |   |   | 5  |
| Lymph Node             |   | + |   | + |   |   |   |   |   | + | + | + |   |   |   | 20 |
| Histiocytic Sarcoma    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Lymphoma Malignant     |   | X |   |   |   |   |   |   |   | X |   | X |   |   |   | 10 |
| Lymph Node, Mandibular | + | + | + | + | M | + | M | + | + | + | + | + | + | + | + | 77 |
| Lymphoma Malignant     |   | X |   |   |   |   |   |   |   | X |   | X |   |   |   | 7  |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 84 |
| Histiocytic Sarcoma    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Lymphoma Malignant     |   | X |   |   |   |   |   |   |   | X |   | X |   |   |   | 10 |
| Spleen                 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 87 |
| Hemangiosarcoma        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2  |
| Histiocytic Sarcoma    |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Leukemia Erythrocytic  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Lymphoma Malignant     |   | X |   |   |   |   |   |   |   | X |   | X |   |   |   | 12 |
| Thymus                 | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 80 |
| Histiocytic Sarcoma    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Lymphoma Malignant     |   | X |   |   |   |   |   |   |   | X |   |   |   |   |   | 7  |

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

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

Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 MICE FEMALE</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|                           |             | 4 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |   |
|                           |             | 5 | 5 | 4 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 4 | 5 | 4 | 4 |   |
|                           |             | 8 | 1 | 0 | 5 | 0 | 6 | 0 | 5 | 0 | 6 | 0 | 1 | 0 | 6 | 1 |
| <b>2.5 W/kg</b>           | 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 |   |
|                           |             | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |   |
|                           |             | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
|                           |             | 3 | 4 | 5 | 6 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 7 | 8 | 9 |   |
| <b>* TOTALS</b>           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**INTEGUMENTARY SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Mammary Gland                                       | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>88</b> |
| Lymphoma Malignant                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Skin  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>90</b> |
| Lymphoma Malignant                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Sebaceous Gland, Adenoma                            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Subcutaneous Tissue, Malignant Fibrous Histiocytoma |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |

**MUSCULOSKELETAL SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Bone  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>90</b> |
| Hemangiosarcoma                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Skeletal Muscle                             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>90</b> |
| Adenocarcinoma, Metastatic, Harderian Gland |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Lymphoma Malignant                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2</b>  |

**NERVOUS SYSTEM**

|                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Brain                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>90</b> |
| Lymphoma Malignant        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Meningioma Benign         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Brain Trigeminal Ganglion | M | M | + | + | + | + | + | + | M | + | + | M | + | + |   | <b>74</b> |
| Nerve Trigeminal          | + | M | + | + | + | + | + | M | M | M | M | M | M | M |   | <b>58</b> |
| Peripheral Nerve, Sciatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>87</b> |

\* .. 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 MICE FEMALE</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|                           |             | 4 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |   |
|                           |             | 5 | 5 | 4 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 4 | 5 | 4 | 4 | 5 |
|                           |             | 8 | 1 | 0 | 5 | 0 | 6 | 0 | 5 | 0 | 6 | 0 | 1 | 0 | 6 | 1 |
| <b>2.5 W/kg</b>           | 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 |   |
|                           |             | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
|                           |             | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
|                           |             | 3 | 4 | 5 | 6 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 7 | 8 | 9 | 0 |
| <b>* TOTALS</b>           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

|                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Spinal Cord        | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>90</b> |
| Lymphoma Malignant |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2</b>  |

**RESPIRATORY SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Lung  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>90</b> |
| Adenocarcinoma, Metastatic, Harderian Gland |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Alveolar/Bronchiolar Adenoma                |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>5</b>  |
| Alveolar/Bronchiolar Adenoma, Multiple      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Alveolar/Bronchiolar Carcinoma              |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Histiocytic Sarcoma                         | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Lymphoma Malignant                          |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>7</b>  |

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Nose  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>90</b> |
| Adenocarcinoma, Metastatic, Harderian Gland |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |

|                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Trachea            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>89</b> |
| Lymphoma Malignant |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |

**SPECIAL SENSES SYSTEM**

|     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |
|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>88</b> |
|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|

|                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Harderian Gland    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>90</b> |
| Adenocarcinoma     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Adenoma            |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   | <b>7</b>  |
| Lymphoma Malignant |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2</b>  |

|                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |          |
|--------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|
| Lacrimal Gland     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <b>1</b> |
| Lymphoma Malignant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <b>1</b> |

\* .. 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| <b>B6C3F1 MICE FEMALE</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                 |
|                           |             | 4 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |                 |
|                           |             | 5 | 5 | 4 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 4 | 5 | 4 | 4 | 5               |
|                           |             | 8 | 1 | 0 | 5 | 0 | 6 | 0 | 5 | 0 | 6 | 0 | 1 | 0 | 6 | 1               |
| <b>2.5 W/kg</b>           | 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 |                 |
|                           |             | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |                 |
|                           |             | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2               |
|                           |             | 3 | 4 | 5 | 6 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 7 | 8 | 9 | <b>* TOTALS</b> |

**URINARY SYSTEM**

|                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |           |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|-----------|
| Kidney             | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  | <b>87</b> |
| Lymphoma Malignant |   |   |   |   |   |   |   |   |   | X |   | X |   |   |  | <b>7</b>  |
| Urinary Bladder    | + | + | M | + | + | + | + | + | + | + | + | + | + | + |  | <b>87</b> |
| Lymphoma Malignant |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  | <b>5</b>  |

**SYSTEMIC LESIONS**

|                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |           |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|-----------|
| Multiple Organ        | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  | <b>90</b> |
| Histiocytic Sarcoma   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |  | <b>2</b>  |
| Leukemia Erythrocytic |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  | <b>1</b>  |
| Lymphoma Malignant    |   | X |   |   |   |   |   |   | X | X |   | X |   |   |  | <b>13</b> |

\* .. 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: 20105 - 78

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Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

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Lab: IIT

|                           |               |           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                              |
|---------------------------|---------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------------------------|
| <b>B6C3F1 MICE FEMALE</b> | DAY ON TEST   | 0746      | 0634  | 0744  | 0775  | 0772  | 0775  | 0775  | 0745  | 0725  | 0754  | 0755  | 0761  | 0765  | 0772  | 0665  | 0654  | 0774  | 0774  | 0774  | 0754  | 0788  | 0745  | <b>females<br/>(cont...)</b> |
|                           | <b>5 W/kg</b> | ANIMAL ID | 00526 | 00527 | 00529 | 00530 | 00531 | 00532 | 00533 | 00534 | 00535 | 00537 | 00539 | 00540 | 00541 | 00542 | 00543 | 00544 | 00545 | 00546 | 00547 | 00549 | 00550 |                              |

**ALIMENTARY SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus  | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Gallbladder<br>Histiocytic Sarcoma   | + | + | + | + | M | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | A | + |   |
| Intestine Large, Cecum   | + | A | + | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Intestine Large, Colon   | + | A | + | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Intestine Large, Rectum  | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Intestine Small, Duodenum  | + | A | + | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Intestine Small, Ileum<br>Lymphoma Malignant   | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Intestine Small, Jejunum   | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | A | + |
| Liver<br>Hepatocellular Adenoma<br>Hepatocellular Adenoma, Multiple<br>Hepatocellular Carcinoma<br>Hepatocellular Carcinoma, Multiple<br>Hepatocholangiocarcinoma<br>Histiocytic Sarcoma<br>Lymphoma Malignant | + | + | + | + | + | X | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Mesentery<br>Histiocytic Sarcoma   |   |   |   |   | + |   |   |   |   | + |   |   | + | + |   | + |   | + | + |   |   | + |   |   |

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 X .. Lesion present  
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Experiment Number: 20105 - 78

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P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE | DAY ON TEST |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | females<br>(cont...) |
|--------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|
|                    | 0746        | 0743 | 0744 | 0745 | 0751 | 0752 | 0755 | 0755 | 0745 | 0755 | 0754 | 0755 | 0746 | 0751 | 0756 | 0755 | 0767 | 0767 | 0767 | 0767 | 0767 | 0767 | 0767 | 0767 |                      |
| 5 W/kg             | 0026        | 0007 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000                 |
|                    | 5526        | 5507 | 5500 | 5500 | 5500 | 5500 | 5500 | 5500 | 5500 | 5500 | 5500 | 5500 | 5500 | 5500 | 5500 | 5500 | 5500 | 5500 | 5500 | 5500 | 5500 | 5500 | 5500 | 5500 | 5500                 |
|                    | 2223        | 2223 | 2233 | 2233 | 2233 | 2233 | 2233 | 2233 | 2233 | 2233 | 2233 | 2233 | 2233 | 2233 | 2233 | 2233 | 2233 | 2233 | 2233 | 2233 | 2233 | 2233 | 2233 | 2233 | 2233                 |
|                    | 6790        | 6790 | 6790 | 6790 | 6790 | 6790 | 6790 | 6790 | 6790 | 6790 | 6790 | 6790 | 6790 | 6790 | 6790 | 6790 | 6790 | 6790 | 6790 | 6790 | 6790 | 6790 | 6790 | 6790 | 6790                 |

Lymphoma Malignant

Oral Mucosa

Pancreas

Hepatocellular Carcinoma, Metastatic, Liver

Histiocytic Sarcoma

Lymphoma Malignant

Acinus, Carcinoma

Salivary Glands

Histiocytic Sarcoma

Lymphoma Malignant

Stomach, Forestomach

Lymphoma Malignant

Stomach, Glandular

Lymphoma Malignant

Tongue

Tooth

CARDIOVASCULAR SYSTEM

Aorta

Blood Vessel

Heart

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

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|                           |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|---------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>B6C3F1 MICE FEMALE</b> | DAY ON TEST | 0746  | 0631  | 0743  | 0745  | 0772  | 0773  | 0775  | 0778  | 0781  | 0785  | 0788  | 0791  | 0795  | 0669  | 0656  | 0752  | 0765  | 0773  | 0774  | 0776  | 0777  | 0778  | 0780  | 0784  | 0787  | 0790  | 0794  | 0795  |
|                           | 5 W/kg      | 00526 | 00577 | 00599 | 00601 | 00602 | 00603 | 00604 | 00605 | 00606 | 00607 | 00608 | 00609 | 00610 | 00611 | 00612 | 00613 | 00614 | 00615 | 00616 | 00617 | 00618 | 00619 | 00620 | 00621 | 00622 | 00623 | 00624 | 00625 |
|                           | ANIMAL ID   | 526   | 577   | 599   | 601   | 602   | 603   | 604   | 605   | 606   | 607   | 608   | 609   | 610   | 611   | 612   | 613   | 614   | 615   | 616   | 617   | 618   | 619   | 620   | 621   | 622   | 623   | 624   | 625   |

females (cont...)

|                                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland<br>Histiocytic Sarcoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | I |
| Ovary<br>Cystadenoma                  | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Granulosa Cell Tumor Benign           |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Histiocytic Sarcoma                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |
| Teratoma Benign                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Oviduct                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | + |   |
| Uterus<br>Hemangiosarcoma             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Histiocytic Sarcoma                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant                    |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Polyp Stromal                         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Vagina                                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | + |   |

HEMATOPOIETIC SYSTEM

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow<br>Hemangiosarcoma    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma               |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymph Node<br>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  
BLANK .. Not examined microscopically



Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                           |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                              |
|---------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------------------------|
| <b>B6C3F1 MICE FEMALE</b> | DAY ON TEST | 0746  | 0634  | 0744  | 0775  | 0772  | 0775  | 0775  | 0745  | 0725  | 0754  | 0755  | 0761  | 0765  | 0772  | 0665  | 0574  | 0675  | 0774  | 0774  | 0774  | 0758  | 0704  | 0774  | <b>females<br/>(cont...)</b> |
|                           | ANIMAL ID   | 00526 | 00527 | 00529 | 00530 | 00531 | 00532 | 00533 | 00534 | 00535 | 00537 | 00539 | 00540 | 00541 | 00542 | 00543 | 00544 | 00545 | 00546 | 00547 | 00549 | 00550 | 00551 | 00552 |                              |

|                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone                      | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Skeletal Muscle           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Sarcoma, Metastatic, Skin |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**NERVOUS SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain                                  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Carcinoma, Metastatic, Pituitary Gland |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant                     |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |
| Brain Trigeminal Ganglion              | + | M | + | + | + | M | + | M | + | + | + | M | + | + | + | M | + | + | + | + | + | + | + | + |   |
| Nerve Trigeminal                       | + | + | M | + | + | M | M | + | + | + | M | + | + | + | M | M | + | + | + | + | + | + | M | + | M |
| Peripheral Nerve                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | + |
| Peripheral Nerve, Sciatic              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Spinal Cord                            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Lymphoma Malignant                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**RESPIRATORY SYSTEM**

|                                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Larynx                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | + |
| Lung                            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Alveolar/Bronchiolar Adenoma    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Carcinoma, Metastatic, Pancreas |   |   |   |   |   |   |   |   | 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: 20105 - 78  
 Test Type: CHRONIC  
 Route: Whole Body Exposure  
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Cell Phone Radiation: GSM  
 CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017  
 Time Report Requested: 13:43:11  
 First Dose M/F: 06/18/12 / 06/18/12  
 Lab: IIT

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

Fibrosarcoma, Metastatic, Skin  
 Hepatocellular Carcinoma, Metastatic, Liver  
 Hepatocholangiocarcinoma, Metastatic, Liver  
 Histiocytic Sarcoma  
 Lymphoma Malignant  
 Sarcoma, Metastatic, Skin

X

X

X

Nose  
 Histiocytic Sarcoma  
 Lymphoma Malignant

+ +

Pleura

+ +

Trachea  
 Lymphoma Malignant

+ +

**SPECIAL SENSES SYSTEM**

Ear

+ +

Eye

+ +

Harderian Gland  
 Adenocarcinoma  
 Adenoma  
 Histiocytic Sarcoma  
 Lymphoma Malignant

+ +

X

Lacrimal Gland

+ +

Zymbal's 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: 20105 - 78  
 Test Type: CHRONIC  
 Route: Whole Body Exposure  
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 MICE FEMALE</b> | 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 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 5 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 0 | 7 |
|                           |             | 4 | 3 | 4 | 4 | 5 | 2 | 5 | 5 | 4 | 2 | 5 | 5 | 4 | 5 | 6 | 1 | 5 | 4 | 5 | 4 | 4 | 4 | 5 | 8 | 4 |
| <b>5 W/kg</b>             | ANIMAL ID   | 6 | 1 | 3 | 5 | 1 | 3 | 1 | 0 | 5 | 8 | 1 | 1 | 6 | 1 | 9 | 6 | 2 | 5 | 1 | 3 | 6 | 0 | 6 | 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 |
|                           |             | 0 | 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 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 |   |
|                           |             | 6 | 7 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 7 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 9 | 0 | 1 | 3 | 4 | 5 |

**females (cont...)**

**URINARY SYSTEM**

|                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant  |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |
| Ureter              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | + |
| Urethra             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | + |
| Urinary Bladder     | + | + | + | + | M | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant  |   |   |   |   |   |   |   |   |   |   |   | X |   |   | 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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Experiment Number: 20105 - 78  
 Test Type: CHRONIC  
 Route: Whole Body Exposure  
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Cell Phone Radiation: GSM  
 CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017  
 Time Report Requested: 13:43:11  
 First Dose M/F: 06/18/12 / 06/18/12  
 Lab: IIT

|                           |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
|---------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| <b>B6C3F1 MICE FEMALE</b> | DAY ON TEST | 0600 | 0744 | 0644 | 0744 | 0773 | 0775 | 0772 | 0672 | 0372 | 0774 | 0775 | 0774 | 0775 | 0774 | 0775 | 0774 | 0775 | 0770 | 0773 | 0774 | 0775 | 0774 | 0773 |  |
|                           | ANIMAL ID   | 0055 | 0055 | 0055 | 0055 | 0066 | 0066 | 0066 | 0066 | 0066 | 0066 | 0066 | 0066 | 0066 | 0066 | 0066 | 0066 | 0066 | 0066 | 0066 | 0066 | 0066 | 0066 | 0066 |  |

**ALIMENTARY SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus                                    | + | + | M | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + |
| Gallbladder<br>Histiocytic Sarcoma           | + | + | + | M | M | + | + | A | + | A | + | M | + | + | + | + | + | + | + | + | M | + | + | + |
| Intestine Large, Cecum                       | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + |
| Intestine Large, Colon                       | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum                      | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum                    | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + |
| Intestine Small, Ileum<br>Lymphoma Malignant | + | + | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | M | + | + | A | + | + | + |
| Intestine Small, Jejunum                     | + | + | + | + | + | + | + | A | + | A | + | + | + | + | + | + | + | + | + | + | M | + | + | + |
| Liver  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hepatocellular Adenoma                       |   | X |   |   |   |   |   |   | X |   |   | X |   |   | X |   |   |   |   | X |   |   |   |   |
| Hepatocellular Adenoma, Multiple             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatocellular Carcinoma                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |
| Hepatocellular Carcinoma, Multiple           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatocholangiocarcinoma                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |
| Histiocytic Sarcoma                          |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   | X |   |   |   |
| Lymphoma Malignant                           |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Mesentery                                    | + |   | + | + |   |   |   | + | + |   |   | + | + |   | + |   |   |   |   | + |   |   |   |   |
| 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  
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Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE<br>5 W/kg | 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 | ANIMAL ID | females<br>(cont...) |
|------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------------------|
|                              |             | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 3 | 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 |           |                      |
|                              |             | 4 | 4 | 4 | 4 | 4 | 3 | 5 | 2 | 7 | 2 | 4 | 4 | 5 | 4 | 4 | 5 | 5 | 4 | 4 | 5 | 0 | 3 | 9 |           |                      |
|                              |             | 4 | 6 | 0 | 4 | 9 | 1 | 2 | 4 | 4 | 0 | 3 | 0 | 5 | 6 | 2 | 2 | 5 | 4 | 4 | 0 | 3 | 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 |           |                      |
|                              |             | 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 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 |           |                      |
|                              |             | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 4 | 5 | 6 | 8 | 9 | 0 |           |                      |

Lymphoma Malignant

X X

Oral Mucosa

Pancreas

+ +

Hepatocellular Carcinoma, Metastatic, Liver

Histiocytic Sarcoma

Lymphoma Malignant

Acinus, Carcinoma

X X

X

Salivary Glands

+ +

Histiocytic Sarcoma

Lymphoma Malignant

Stomach, Forestomach

+ +

Lymphoma Malignant

Stomach, Glandular

+ + + + + + + + + + + + + + + + + + + A + + + +

Lymphoma Malignant

Tongue

Tooth

CARDIOVASCULAR SYSTEM

Aorta

+ +

Blood Vessel

Heart

+ +

\* .. 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 MICE FEMALE</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|                           |             | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|                           |             | 0 | 4 | 4 | 4 | 4 | 3 | 5 | 2 | 7 | 2 | 4 | 4 | 5 | 4 | 4 | 5 | 5 | 4 | 4 | 5 | 0 | 3 | 4 | 4 | 4 |
| <b>5 W/kg</b>             | 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 |   |
|                           |             | 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 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 |   |   |
|                           |             | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 4 | 5 | 6 | 8 | 9 | 0 | 1 | 2 |

females (cont...)

Hemangioma

Lymphoma Malignant

X

X

**ENDOCRINE SYSTEM**

Adrenal Cortex

Histiocytic Sarcoma

Lymphoma Malignant

Adrenal Medulla

Pheochromocytoma Benign

Islets, Pancreatic

Adenoma

Parathyroid Gland

Pituitary Gland

Pars Distalis, Adenoma

Pars Distalis, Carcinoma

Thyroid Gland

Follicular Cell, Carcinoma

**GENERAL BODY SYSTEM**

Peritoneum

Tissue NOS

**GENITAL 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE<br>5 W/kg | 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 | females<br>(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 | 0 | 0 |           |                      |
| Clitoral Gland               | +           | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + |   |   |           |                      |
| Histiocytic Sarcoma          |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |           |                      |
| Ovary                        | +           | + | M | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |   |           |                      |
| Cystadenoma                  |             |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |                      |
| Granulosa Cell Tumor Benign  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |                      |
| Histiocytic Sarcoma          |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |           |                      |
| Teratoma Benign              |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |           |                      |
| Oviduct                      |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |                      |
| Uterus                       | +           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |   |   |           |                      |
| Hemangiosarcoma              |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |                      |
| Histiocytic Sarcoma          |             |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   | X |   |   |   |   |   |   |           |                      |
| Lymphoma Malignant           |             |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |                      |
| Polyp Stromal                |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |                      |
| Vagina                       |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |                      |

HEMATOPOIETIC SYSTEM

|                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|
| Bone Marrow         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |  |
| Hemangiosarcoma     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
| Histiocytic Sarcoma |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |  |  |
| Lymphoma Malignant  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
| Lymph Node          |   |   |   |   | + |   |   | + |   | + |   |   |   |   |   | + |   |   |   | + | + |   |   |   | + |  |  |
| Histiocytic Sarcoma |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |  |  |
| Lymphoma Malignant  |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |

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

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

Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE<br>5 W/kg   | DAY ON TEST |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ANIMAL ID | females<br>(cont...) |      |      |      |      |  |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|----------------------|------|------|------|------|--|
|  | 0600        | 0744 | 0644 | 0744 | 0774 | 0774 | 0774 | 0774 | 0636 | 0377 | 0774 | 0774 | 0774 | 0774 | 0774 | 0774 | 0774 | 0774 | 0774 | 0774 |           |                      | 0774 | 0774 | 0774 | 0774 |  |
| Lymph Node, Mandibular<br>Histiocytic Sarcoma<br>Lymphoma Malignant    | +           | +    | M    | M    | +    | M    | +    | +    | M    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +         | +                    | M    | +    | +    |      |  |
|  |             |      |      |      |      |      |      |      | X    |      |      |      |      |      |      |      |      |      |      |      |           | X                    |      |      |      |      |  |
| Lymph Node, Mesenteric<br>Histiocytic Sarcoma<br>Lymphoma Malignant    | +           | +    | +    | +    | +    | +    | +    | +    | +    | M    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +         | M                    | +    | +    | +    | +    |  |
|  |             |      |      |      |      |      |      |      | X    |      |      |      |      |      |      |      |      |      |      |      |           |                      |      |      |      |      |  |
| Spleen<br>Hemangiosarcoma<br>Histiocytic Sarcoma<br>Lymphoma Malignant | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +         | +                    | +    | +    | +    | +    |  |
|  |             |      |      |      |      |      |      |      | X    |      |      |      |      |      |      | X    |      |      |      |      |           | X                    |      |      |      | X    |  |
| Thymus<br>Histiocytic Sarcoma<br>Lymphoma Malignant                    | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +         | +                    | +    | +    | +    | +    |  |
|  |             |      |      |      |      |      |      |      | X    |      |      |      |      |      |      | X    |      |      |      |      |           |                      |      |      |      |      |  |

### INTEGUMENTARY SYSTEM

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Mammary Gland<br>Adenocarcinoma  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
| Skin<br>Histiocytic Sarcoma<br>Subcutaneous Tissue, Fibrosarcoma<br>Subcutaneous Tissue, Malignant Fibrous<br>Histiocytoma<br>Subcutaneous Tissue, Sarcoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   | X |  |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |  |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |

### MUSCULOSKELETAL 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE | 5 W/kg | DAY ON TEST | ANIMAL ID        |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |  | females<br>(cont...) |
|--------------------|--------|-------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--|----------------------|
|                    |        |             | 0<br>6<br>0<br>0 | 0<br>7<br>4<br>4 | 0<br>6<br>4<br>6 | 0<br>7<br>4<br>0 | 0<br>7<br>4<br>4 | 0<br>7<br>3<br>9 | 0<br>7<br>5<br>1 | 0<br>7<br>2<br>2 | 0<br>6<br>7<br>4 | 0<br>3<br>2<br>4 | 0<br>7<br>4<br>0 | 0<br>7<br>4<br>3 | 0<br>7<br>5<br>0 | 0<br>7<br>4<br>5 | 0<br>7<br>5<br>2 | 0<br>7<br>4<br>2 | 0<br>7<br>5<br>4 | 0<br>7<br>4<br>0 | 0<br>7<br>5<br>3 | 0<br>7<br>4<br>9 | 0<br>7<br>4<br>0 | 0<br>7<br>4<br>5 | 0<br>7<br>4<br>2 |  |                      |

Bone +

Skeletal Muscle +  
Histiocytic Sarcoma  
Lymphoma Malignant X  
Sarcoma, Metastatic, Skin

NERVOUS SYSTEM

Brain +  
Carcinoma, Metastatic, Pituitary Gland  
Lymphoma Malignant

Brain Trigeminal Ganglion + + + + + + + M + + + + M + + + + + + + + + + + +

Nerve Trigeminal + M + + + + + + M + M M + M M M + M M + + M M M

Peripheral Nerve

Peripheral Nerve, Sciatic + + + + + + + + + + + + + + + + I + + + + + + + +

Spinal Cord +  
Lymphoma Malignant

RESPIRATORY SYSTEM

Larynx

Lung +  
Alveolar/Bronchiolar Adenoma X  
Carcinoma, Metastatic, Pancreas X

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

M .. Missing tissue  
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BLANK .. Not examined microscopically

Experiment Number: 20105 - 78  
 Test Type: CHRONIC  
 Route: Whole Body Exposure  
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Cell Phone Radiation: GSM  
 CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017  
 Time Report Requested: 13:43:11  
 First Dose M/F: 06/18/12 / 06/18/12  
 Lab: IIT

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

Fibrosarcoma, Metastatic, Skin X  
 Hepatocellular Carcinoma, Metastatic, Liver X  
 Hepatocholangiocarcinoma, Metastatic, Liver X  
 Histiocytic Sarcoma X  
 Lymphoma Malignant X  
 Sarcoma, Metastatic, Skin

Nose +  
 Histiocytic Sarcoma  
 Lymphoma Malignant

Pleura

Trachea +  
 Lymphoma Malignant

**SPECIAL SENSES SYSTEM**

Ear

Eye +

Harderian Gland +  
 Adenocarcinoma  
 Adenoma  
 Histiocytic Sarcoma  
 Lymphoma Malignant

Lacrimal Gland

Zymbal's 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: 20105 - 78  
 Test Type: CHRONIC  
 Route: Whole Body Exposure  
 Species/Strain: MICE/B6C3F1

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                           |               |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                              |
|---------------------------|---------------|-----------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------------------------------|
| <b>B6C3F1 MICE FEMALE</b> | DAY ON TEST   |           | 06 | 07 | 06 | 07 | 07 | 07 | 07 | 07 | 06 | 03 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | <b>females<br/>(cont...)</b> |
|                           | <b>5 W/kg</b> | ANIMAL ID | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |                              |
|                           |               | 05        | 05 | 05 | 05 | 05 | 05 | 05 | 05 | 05 | 05 | 05 | 05 | 05 | 05 | 05 | 05 | 05 | 05 | 05 | 05 | 05 | 05 | 05 | 05 | 05 | 05 | 05 | 05 | 05 |                              |

**URINARY SYSTEM**

Kidney  
 Histiocytic Sarcoma  
 Lymphoma Malignant

+ + + + + + + + + A + + + + + + + + + + + X + + + +

X

Ureter

Urethra

Urinary Bladder  
 Histiocytic Sarcoma  
 Lymphoma Malignant

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

X

**SYSTEMIC LESIONS**

Multiple Organ  
 Histiocytic Sarcoma  
 Lymphoma Malignant

+ + + + + + + + + + + X + + + + + + + X + + + +

X X X

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 X .. Lesion present  
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Experiment Number: 20105 - 78

Test Type: CHRONIC

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Lab: IIT

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

**ALIMENTARY SYSTEM**

|                                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus                          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder                        | + | + | + | + | + | + | A | + | + | M | + | M | + | + | + | + | + | + | A | + | + | M | + | + |
| Histiocytic Sarcoma                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Intestine Large, Cecum             | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + |
| Intestine Large, Colon             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum          | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum             | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + |
| Lymphoma Malignant                 |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Intestine Small, Jejunum           | + | + | + | + | + | + | A | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + |
| Liver                              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hepatocellular Adenoma             |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatocellular Adenoma, Multiple   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatocellular Carcinoma           | X |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatocellular Carcinoma, Multiple |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatocholangiocarcinoma           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Histiocytic Sarcoma                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant                 |   |   |   |   |   | X |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Mesentery                          | + |   | + | + |   |   |   |   | + |   |   |   |   |   |   | + |   |   | + |   |   |   |   | + |
| 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE | DAY ON TEST |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | females<br>(cont...) |
|--------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|
|                    | 0745        | 0775 | 0777 | 0777 | 0676 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0676 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0676 |                      |
| 5 W/kg             | 0085        | 0085 | 0085 | 0088 | 0089 | 0089 | 0091 | 0092 | 0093 | 0094 | 0095 | 0096 | 0099 | 0099 | 0099 | 0099 | 0099 | 0099 | 0099 | 0099 | 0099 | 0099 | 0099 | 0099 |                      |

Lymphoma Malignant

Oral Mucosa

Pancreas

Hepatocellular Carcinoma, Metastatic, Liver

Histiocytic Sarcoma

Lymphoma Malignant

Acinus, Carcinoma

Salivary Glands

Histiocytic Sarcoma

Lymphoma Malignant

Stomach, Forestomach

Lymphoma Malignant

Stomach, Glandular

Lymphoma Malignant

Tongue

Tooth

CARDIOVASCULAR SYSTEM

Aorta

Blood Vessel

Heart

\* .. 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: 20105 - 78  
 Test Type: CHRONIC  
 Route: Whole Body Exposure  
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Cell Phone Radiation: GSM  
 CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017  
 Time Report Requested: 13:43:11  
 First Dose M/F: 06/18/12 / 06/18/12  
 Lab: IIT

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

Hemangioma  
 Lymphoma Malignant

X

### ENDOCRINE SYSTEM

Adrenal Cortex  
 Histiocytic Sarcoma  
 Lymphoma Malignant

+ +

Adrenal Medulla  
 Pheochromocytoma Benign

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

Islets, Pancreatic  
 Adenoma

+ +

Parathyroid Gland

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

Pituitary Gland  
 Pars Distalis, Adenoma  
 Pars Distalis, Carcinoma

+  
 X X  
 X

Thyroid Gland  
 Follicular Cell, Carcinoma

+ + + + + + + + + + + + + M + + + + + + I +

### GENERAL BODY SYSTEM

Peritoneum

Tissue NOS

### GENITAL 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: 20105 - 78  
 Test Type: CHRONIC  
 Route: Whole Body Exposure  
 Species/Strain: MICE/B6C3F1

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE<br>5 W/kg | 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 | females<br>(cont...) |  |
|------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------------------|--|
|                              |             | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 |           |                      |  |
|                              |             | 4 | 5 | 5 | 4 | 0 | 4 | 5 | 1 | 4 | 4 | 0 | 4 | 4 | 3 | 4 | 7 | 4 | 4 | 4 | 3 | 4 | 4 | 5 | 4 | 2         |                      |  |
|                              |             | 5 | 0 | 0 | 6 | 6 | 4 | 0 | 2 | 0 | 4 | 1 | 5 | 0 | 9 | 3 | 5 | 0 | 6 | 6 | 3 | 6 | 0 | 1 | 3 | 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         |                      |  |
|                              |             | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6         |                      |  |
|                              |             | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1         |                      |  |
|                              |             | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 9 | 0 | 1 | 3 | 4 | 5 | 7 | 8 | 9 | 0 | 1 | 2 | 3         |                      |  |

|                                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland<br>Histiocytic Sarcoma | + | + | M | + | + | M | + | + | M | M | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

|                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|-----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Ovary<br>Cystadenoma        | + | + | M | + | + | M | + | I | + | + | + | X | + | + | M | + | + | + | + | + | + | + | X | + | + |  |
| Granulosa Cell Tumor Benign |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Histiocytic Sarcoma         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Teratoma Benign             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |

|         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Oviduct |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

|                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Uterus              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hemangiosarcoma     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |
| Histiocytic Sarcoma |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant  |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Polyp Stromal       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |

|        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Vagina |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

**HEMATOPOIETIC SYSTEM**

|                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow         | + | + | I | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hemangiosarcoma     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Histiocytic Sarcoma |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant  |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

|                     |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---------------------|--|--|--|--|--|--|--|--|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Lymph Node          |  |  |  |  |  |  |  |  | + | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Histiocytic Sarcoma |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lymphoma Malignant  |  |  |  |  |  |  |  |  | X |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
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Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

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

Lymph Node, Mandibular  
Histiocytic Sarcoma  
Lymphoma Malignant

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

X

Lymph Node, Mesenteric  
Histiocytic Sarcoma  
Lymphoma Malignant

+ + + + + + + + + M + + M + M + + I + + + + + +

X

Spleen  
Hemangiosarcoma  
Histiocytic Sarcoma  
Lymphoma Malignant

+ +

X

X

X

X

Thymus  
Histiocytic Sarcoma  
Lymphoma Malignant

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

X

**INTEGUMENTARY SYSTEM**

Mammary Gland  
Adenocarcinoma

+ +

Skin  
Histiocytic Sarcoma  
Subcutaneous Tissue, Fibrosarcoma  
Subcutaneous Tissue, Malignant Fibrous  
Histiocytoma  
Subcutaneous Tissue, Sarcoma

+ +

X

**MUSCULOSKELETAL 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

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

|                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone                      | + | + | I | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Skeletal Muscle           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Sarcoma, Metastatic, Skin |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**NERVOUS SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain                                  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Carcinoma, Metastatic, Pituitary Gland |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant                     |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Brain Trigeminal Ganglion              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M |
| Nerve Trigeminal                       | + | M | M | M | + | M | M | + | + | + | + | M | + | + | + | M | + | M | + | M | + | + | + |
| Peripheral Nerve                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Peripheral Nerve, Sciatic              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Spinal Cord                            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymphoma Malignant                     |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**RESPIRATORY SYSTEM**

|                                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Larynx                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lung                            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Alveolar/Bronchiolar Adenoma    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Carcinoma, Metastatic, Pancreas |   |   |   |   |   |   |   |   |   |   |   |   |   | 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                           |               | 0         | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---------------------------|---------------|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 MICE FEMALE</b> | DAY ON TEST   | 7         | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 |
|                           |               | 4         | 5 | 5 | 4 | 0 | 4 | 5 | 1 | 4 | 4 | 0 | 4 | 4 | 3 | 4 | 7 | 4 | 4 | 4 | 3 | 4 | 4 | 5 | 4 | 2 |   |
|                           |               | 5         | 0 | 0 | 6 | 6 | 4 | 0 | 2 | 0 | 4 | 1 | 5 | 0 | 9 | 3 | 5 | 0 | 6 | 6 | 3 | 6 | 6 | 1 | 3 | 9 |   |
|                           | <b>5 W/kg</b> | 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 |
|                           |               | 5         | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |   |
|                           |               | 8         | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |   |
|                           |               | 5         | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 9 | 0 | 1 | 3 | 4 | 5 | 7 | 8 | 9 | 0 | 1 | 2 | 3 |   |

females  
(cont...)

Fibrosarcoma, Metastatic, Skin

Hepatocellular Carcinoma, Metastatic, Liver

Hepatocholangiocarcinoma, Metastatic, Liver

Histiocytic Sarcoma

Lymphoma Malignant

Sarcoma, Metastatic, Skin

X

X

Nose

Histiocytic Sarcoma

Lymphoma Malignant

+ +

X

Pleura

Trachea

Lymphoma Malignant

+ +

X

**SPECIAL SENSES SYSTEM**

Ear

Eye

Harderian Gland

Adenocarcinoma

Adenoma

Histiocytic Sarcoma

Lymphoma Malignant

+ +

+ +

X

X

X

Lacrimal Gland

Zymbal's 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: 20105 - 78  
 Test Type: CHRONIC  
 Route: Whole Body Exposure  
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Cell Phone Radiation: GSM  
 CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017  
 Time Report Requested: 13:43:11  
 First Dose M/F: 06/18/12 / 06/18/12  
 Lab: IIT

|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 MICE FEMALE</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|                           |             | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 |
|                           |             | 4 | 5 | 5 | 4 | 0 | 4 | 5 | 1 | 4 | 4 | 0 | 4 | 4 | 3 | 4 | 7 | 4 | 4 | 4 | 3 | 4 | 4 | 5 | 4 | 2 |
| <b>5 W/kg</b>             | 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 |   |
|                           |             | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |   |
|                           |             | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |   |   |
|                           |             | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 9 | 0 | 1 | 3 | 4 | 5 | 7 | 8 | 9 | 0 | 1 |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

females  
(cont...)

### URINARY SYSTEM

|                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant  |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |
| Ureter              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Urethra             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Urinary Bladder     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

### 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

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

Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|--------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
|                    |             | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |  |
| 5 W/kg             | ANIMAL ID   | 3 | 4 | 3 | 4 | 4 | 6 | 4 | 5 | 4 | 4 | 4 | 5 | 4 | 4 |  |
|                    |             | 9 | 6 | 9 | 3 | 0 | 8 | 4 | 1 | 3 | 6 | 5 | 0 | 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 |  |
|                    |             | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |  |
|                    |             | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  |
|                    |             | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |  |
| <b>* TOTALS</b>    |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |

**ALIMENTARY SYSTEM**

|                                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Esophagus                          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>87</b> |
| Gallbladder                        | + | + | + | + | + | + | + | + | + | + | + | + | M | M | + | <b>74</b> |
| Histiocytic Sarcoma                |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Intestine Large, Cecum             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>83</b> |
| Intestine Large, Colon             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>86</b> |
| Intestine Large, Rectum            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>88</b> |
| Intestine Small, Duodenum          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>84</b> |
| Intestine Small, Ileum             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>82</b> |
| Lymphoma Malignant                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Intestine Small, Jejunum           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>81</b> |
| Liver                              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>90</b> |
| Hepatocellular Adenoma             |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   | <b>11</b> |
| Hepatocellular Adenoma, Multiple   |   |   |   | X |   |   |   |   |   |   |   |   | X |   |   | <b>2</b>  |
| Hepatocellular Carcinoma           |   |   |   |   |   |   |   |   |   |   |   |   | X | X |   | <b>5</b>  |
| Hepatocellular Carcinoma, Multiple |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X | <b>1</b>  |
| Hepatocholangiocarcinoma           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Histiocytic Sarcoma                |   |   |   |   | X |   |   |   |   |   | X |   |   |   | X | <b>6</b>  |
| Lymphoma Malignant                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>4</b>  |
| Mesentery                          |   |   |   |   | + | + |   |   |   | + | + | + |   |   | + | <b>32</b> |
| Histiocytic Sarcoma                |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   | <b>2</b>  |

\* .. 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE<br>5 W/kg                | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
|   | ANIMAL ID   | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |          |
|   |             | 3 | 4 | 3 | 4 | 4 | 6 | 4 | 5 | 4 | 4 | 4 | 5 | 4 | 4 | 4 |          |
|   |             | 9 | 6 | 9 | 3 | 0 | 8 | 4 | 1 | 3 | 6 | 5 | 0 | 0 | 3 | 4 |          |
|   |             | 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 |          |
|   |             | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |          |
|   |             | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |          |
| Lymphoma Malignant                          |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2        |
| Oral Mucosa                                 |             |   |   |   |   |   | + |   |   |   |   |   |   |   |   |   | 2        |
| Pancreas                                    |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 89       |
| Hepatocellular Carcinoma, Metastatic, Liver |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1        |
| Histiocytic Sarcoma                         |             |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   | 2        |
| Lymphoma Malignant                          |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2        |
| Acinus, Carcinoma                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1        |
| Salivary Glands                             |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90       |
| Histiocytic Sarcoma                         |             |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   | 1        |
| Lymphoma Malignant                          |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2        |
| Stomach, Forestomach                        |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90       |
| Lymphoma Malignant                          |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1        |
| Stomach, Glandular                          |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 85       |
| Lymphoma Malignant                          |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1        |
| Tongue                                      |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1        |
| Tooth                                       |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1        |
| <b>CARDIOVASCULAR SYSTEM</b>                |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |
| Aorta                                       |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90       |
| Blood Vessel                                |             |   |   |   |   |   | + |   |   |   |   |   |   |   |   |   | 2        |
| Heart                                       |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 90       |

\* .. 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: 20105 - 78

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Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| <b>B6C3F1 MICE FEMALE</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|                           |             | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |  |
| <b>5 W/kg</b>             |             | 3 | 4 | 3 | 4 | 4 | 6 | 4 | 5 | 4 | 4 | 5 | 4 | 4 | 4 |  |
|                           |             | 9 | 6 | 9 | 3 | 0 | 8 | 4 | 1 | 3 | 6 | 5 | 0 | 0 | 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 | 0 | 0 | 0 | 0 |  |
|                           |             | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |  |
|                           |             | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  |
|                           |             | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |  |
| <b>* TOTALS</b>           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |

Hemangioma

1

Lymphoma Malignant

3

**ENDOCRINE SYSTEM**

Adrenal Cortex + + + + + + + + + + + + + + + 90

Histiocytic Sarcoma X 2

Lymphoma Malignant 1

Adrenal Medulla + + + + + + + + + + M + + + + 86

Pheochromocytoma Benign 1

Islets, Pancreatic + + + + + + + + + + + + + + + 90

Adenoma 1

Parathyroid Gland + + + + + M + M + + + + M + + 64

Pituitary Gland + + + + + + + + + I + + + M + 84

Pars Distalis, Adenoma 7

Pars Distalis, Carcinoma X 2

Thyroid Gland + + + + + + + + + + + + + + + 86

Follicular Cell, Carcinoma X 1

**GENERAL BODY SYSTEM**

Peritoneum 1

Tissue NOS 1

**GENITAL SYSTEM**

\* .. 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: IIT

| B6C3F1 MICE FEMALE<br>5 W/kg | DAY ON TEST         |       |       |       |       |       |       |       |       |       |       |       |       |       |       | * TOTALS |    |
|------------------------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|----|
|                              | 0739                | 0746  | 0773  | 0774  | 0664  | 0668  | 0774  | 0775  | 0774  | 0773  | 0776  | 0775  | 0774  | 0770  | 0773  |          |    |
| ANIMAL ID                    | 00614               | 00661 | 00661 | 00661 | 00661 | 00661 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00666 | 00667 |          |    |
|                              | Clitoral Gland      | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | M     | +        | 80 |
|                              | Histiocytic Sarcoma |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          | 1  |
|                              | Ovary               | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | 82 |
| Cystadenoma                  |                     |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 3        |    |
| Granulosa Cell Tumor Benign  |                     |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 1        |    |
| Histiocytic Sarcoma          |                     |       |       |       |       | X     |       |       |       |       |       |       |       |       |       | 3        |    |
| Teratoma Benign              |                     |       |       | X     |       |       |       |       |       |       |       |       |       |       |       | 2        |    |
| Oviduct                      |                     |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 1        |    |
| Uterus                       | +                   | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | 90       |    |
| Hemangiosarcoma              |                     |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 1        |    |
| Histiocytic Sarcoma          |                     |       |       |       |       | X     |       |       |       |       |       |       |       |       |       | 3        |    |
| Lymphoma Malignant           |                     |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 3        |    |
| Polyp Stromal                |                     |       |       |       |       |       |       |       |       |       |       |       |       | X     |       | 2        |    |
| Vagina                       |                     |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 1        |    |
| <b>HEMATOPOIETIC SYSTEM</b>  |                     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |    |
| Bone Marrow                  | +                   | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | 89       |    |
| Hemangiosarcoma              |                     |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 2        |    |
| Histiocytic Sarcoma          |                     |       |       |       |       | X     |       |       |       |       |       |       |       |       |       | 2        |    |
| Lymphoma Malignant           |                     |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 2        |    |
| Lymph Node                   |                     | +     | +     |       | +     |       |       | +     |       |       |       |       |       |       |       | 16       |    |
| Histiocytic Sarcoma          |                     |       |       |       |       | X     |       |       |       |       |       |       |       |       |       | 2        |    |
| Lymphoma Malignant           |                     |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 2        |    |

\* .. 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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Lab: IIT

| B6C3F1 MICE FEMALE<br>5 W/kg   | DAY ON TEST  |       |       |       |       |       |       |       |       |       |       |       |       |       |                        | * TOTALS          |
|--|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------------------|-------------------|
|  | 0739   | 0746  | 0773  | 0774  | 0664  | 0668  | 0774  | 0775  | 0777  | 0778  | 0779  | 0779  | 0779  | 0779  | 0779                   |                   |
| ANIMAL ID  | 00614  | 00661 | 00661 | 00661 | 00661 | 00661 | 00661 | 00661 | 00661 | 00661 | 00661 | 00661 | 00661 | 00661 | 00661                  |                   |
|  | Lymph Node, Mandibular<br>Histiocytic Sarcoma<br>Lymphoma Malignant    | +     | +     | M     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +                      | 81<br>2<br>3      |
|  | Lymph Node, Mesenteric<br>Histiocytic Sarcoma<br>Lymphoma Malignant    | +     | +     | +     | M     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +                      | 80<br>2<br>3      |
|  | Spleen<br>Hemangiosarcoma<br>Histiocytic Sarcoma<br>Lymphoma Malignant | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +                      | 89<br>2<br>4<br>8 |
| Thymus<br>Histiocytic Sarcoma<br>Lymphoma Malignant  | +  | +     | +     | +     | +     | M     | +     | +     | +     | +     | +     | +     | +     | +     | 84<br>2<br>4           |                   |
| <b>INTEGUMENTARY SYSTEM</b>  |  |       |       |       |       |       |       |       |       |       |       |       |       |       |                        |                   |
| Mammary Gland<br>Adenocarcinoma  | +  | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | 88<br>1                |                   |
| Skin<br>Histiocytic Sarcoma<br>Subcutaneous Tissue, Fibrosarcoma<br>Subcutaneous Tissue, Malignant Fibrous<br>Histiocytoma<br>Subcutaneous Tissue, Sarcoma | +  | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | 90<br>2<br>3<br>3<br>1 |                   |
| <b>MUSCULOSKELETAL SYSTEM</b>  |  |       |       |       |       |       |       |       |       |       |       |       |       |       |                        |                   |

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

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Lab: IIT

| B6C3F1 MICE FEMALE<br>5 W/kg           | DAY ON TEST |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | * TOTALS |
|--|-------------|--|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----------|
|  | ANIMAL ID   |  | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7  |          |
|  |             |  | 3 | 4 | 3 | 4 | 4 | 6 | 4 | 5 | 4 | 4 | 5 | 4 | 4 | 4  |          |
|  |             |  | 9 | 6 | 9 | 3 | 0 | 8 | 4 | 1 | 3 | 6 | 5 | 0 | 3 | 4  |          |
|  |             |  | 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  |          |
|  |             |  | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |    |          |
|  |             |  | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7  |          |
| Bone                                   |             |  | + | + | + | + | + | + | + | + | + | + | + | + | + | 89 |          |
| Skeletal Muscle                        |             |  | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |          |
| Histiocytic Sarcoma                    |             |  |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |          |
| Lymphoma Malignant                     |             |  |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |          |
| Sarcoma, Metastatic, Skin              |             |  |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |          |
| <b>NERVOUS SYSTEM</b>                  |             |  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |          |
| Brain                                  |             |  | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |          |
| Carcinoma, Metastatic, Pituitary Gland |             |  |   |   |   |   |   | X |   |   |   |   |   |   |   | 2  |          |
| Lymphoma Malignant                     |             |  |   |   |   |   |   |   |   |   |   |   |   |   |   | 2  |          |
| Brain Trigeminal Ganglion              |             |  | + | + | + | + | + | + | M | + | + | + | + | + | M | 80 |          |
| Nerve Trigeminal                       |             |  | + | + | + | + | M | M | M | + | + | M | M | M | + | 53 |          |
| Peripheral Nerve                       |             |  |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |          |
| Peripheral Nerve, Sciatic              |             |  | + | + | + | + | + | + | + | + | + | + | + | + | I | 88 |          |
| Spinal Cord                            |             |  | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |          |
| Lymphoma Malignant                     |             |  |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |          |
| <b>RESPIRATORY SYSTEM</b>              |             |  |   |   |   |   |   |   |   |   |   |   |   |   |   |    |          |
| Larynx                                 |             |  |   |   |   |   |   | + |   |   |   |   |   |   |   | 2  |          |
| Lung                                   |             |  | + | + | + | + | + | + | + | + | + | + | + | + | + | 90 |          |
| Alveolar/Bronchiolar Adenoma           |             |  |   |   |   |   |   |   |   | X |   | X |   |   |   | 7  |          |
| Carcinoma, Metastatic, Pancreas        |             |  |   |   |   |   |   |   |   |   |   |   |   |   |   | 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE | DAY ON TEST |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                 |
|--------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------|
|                    | 0739        | 0746 | 0773 | 0774 | 0664 | 0668 | 0774 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 |                 |
| 5 W/kg             | ANIMAL ID   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                 |
|                    | 0061        | 0065 | 0066 | 0067 | 0068 | 0069 | 0070 | 0071 | 0072 | 0073 | 0074 | 0075 | 0076 | 0077 | 0078 |                 |
|                    | 4           | 5    | 6    | 7    | 8    | 9    | 0    | 1    | 2    | 2    | 3    | 4    | 5    | 6    | 7    | 8               |
|                    |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      | <b>* TOTALS</b> |

|   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| Fibrosarcoma, Metastatic, Skin              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |
| Hepatocellular Carcinoma, Metastatic, Liver |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |
| Hepatocholangiocarcinoma, Metastatic, Liver |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Histiocytic Sarcoma                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4 |
| Lymphoma Malignant                          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 |
| Sarcoma, Metastatic, Skin                   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |

|                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Nose                | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   | 90 |
| Histiocytic Sarcoma |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |    |
| Lymphoma Malignant  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |    |

|        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| Pleura |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|

|                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Trachea            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   | 90 |
| Lymphoma Malignant |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |    |

### SPECIAL SENSES SYSTEM

|     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| Ear |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
|-----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|

|     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |    |
|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|----|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  | 90 |
|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|----|

|                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Harderian Gland     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   | 90 |
| Adenocarcinoma      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |    |
| Adenoma             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 5 |    |
| Histiocytic Sarcoma |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |    |
| Lymphoma Malignant  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |    |

|                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
|----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| Lacrimal Gland |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |
|----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|

|                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
|----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| Zymbal's Gland |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 MICE FEMALE</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|                           |             | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |   |
| <b>5 W/kg</b>             |             | 3 | 4 | 3 | 4 | 4 | 6 | 4 | 5 | 4 | 4 | 5 | 4 | 4 | 4 |   |
|                           | ANIMAL ID   | 9 | 6 | 9 | 3 | 0 | 8 | 4 | 1 | 3 | 6 | 5 | 0 | 3 | 4 |   |
|                           |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|                           |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|                           |             | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |   |
|                           |             | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |   |
|                           |             | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| <b>* TOTALS</b>           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**URINARY SYSTEM**

|                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Kidney              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>89</b> |
| Histiocytic Sarcoma |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   | <b>3</b>  |
| Lymphoma Malignant  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>3</b>  |
| Ureter              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Urethra             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Urinary Bladder     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>86</b> |
| Histiocytic Sarcoma |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Lymphoma Malignant  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>5</b>  |

**SYSTEMIC LESIONS**

|                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Multiple Organ      | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>90</b> |
| Histiocytic Sarcoma |   |   |   |   | X |   |   |   |   | X |   |   |   |   | X | <b>8</b>  |
| Lymphoma Malignant  |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   | <b>9</b>  |

\* .. 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                           |             |                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------|-------------|--------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 MICE FEMALE</b> | 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 |   |   |   |   |   |
|                           |             | 7                        | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 5 | 6 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 |   |   |   |   |
|                           |             | 5                        | 5 | 5 | 5 | 3 | 6 | 4 | 5 | 5 | 5 | 4 | 6 | 8 | 4 | 4 | 6 | 7 | 3 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 0 |   |   |   |   |
| <b>10 W/kg</b>            | 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 |   |   |   |   |   |
|                           |             | 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 |   |   |   |   |
|                           |             | 3                        | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
|                           |             | 7                        | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|                           |             | <b>females (cont...)</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**ALIMENTARY SYSTEM**

|                                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus                          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder                        | + | + | + | + | M | + | + | + | + | + | + | + | A | M | + | A | M | + | + | + | + | M | + | + | + |   |
| Histiocytic Sarcoma                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Intestine Large, Cecum             | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | A | + | + | + | + | + | + | + | + | + |   |
| Leiomyosarcoma                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Intestine Large, Colon             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + |   |
| Intestine Large, Rectum            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + |   |
| Intestine Small, Duodenum          | + | + | + | + | + | + | + | + | + | + | + | A | A | + | + | A | + | + | + | + | + | + | + | + | + |   |
| Intestine Small, Ileum             | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | A | + | + | + | + | + | + | + | + | + |   |
| Histiocytic Sarcoma                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Intestine Small, Jejunum           | + | + | + | + | + | + | + | + | + | + | + | A | A | + | + | A | + | + | + | + | + | + | + | + | + |   |
| Liver                              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Hemangiosarcoma                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatocellular Adenoma             |   |   |   |   | X | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatocellular Adenoma, Multiple   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatocellular Carcinoma           |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatocellular Carcinoma, Multiple |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |
| 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: 20105 - 78  
 Test Type: CHRONIC  
 Route: Whole Body Exposure  
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Cell Phone Radiation: GSM  
 CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017  
 Time Report Requested: 13:43:11  
 First Dose M/F: 06/18/12 / 06/18/12  
 Lab: IIT

| B6C3F1 MICE FEMALE<br>10 W/kg | 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 | ANIMAL ID |   | females<br>(cont...) |   |
|-------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|---|----------------------|---|
|                               | 0           | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 5 | 6 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 |           |   |                      | 6 |
|                               | 5           | 5 | 5 | 5 | 3 | 6 | 4 | 5 | 5 | 5 | 4 | 6 | 8 | 4 | 4 | 6 | 7 | 3 | 4 | 4 | 4 | 3 | 4 | 4 | 0         | 0 |                      |   |
|                               | 0           | 0 | 0 | 2 | 1 | 9 | 4 | 2 | 0 | 0 | 3 | 1 | 6 | 4 | 3 | 4 | 6 | 9 | 6 | 6 | 4 | 9 | 5 | 4 | 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 |                      |   |
|                               | 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 |                      |   |
|                               | 3           | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6         | 7 |                      |   |
|                               | 7           | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4         |   |                      |   |

Lymphoma Malignant

|                     |   |  |  |   |  |   |  |  |   |  |   |   |   |   |   |   |  |   |  |   |  |   |   |   |  |  |  |  |
|---------------------|---|--|--|---|--|---|--|--|---|--|---|---|---|---|---|---|--|---|--|---|--|---|---|---|--|--|--|--|
| Mesentery           | + |  |  | + |  | + |  |  | + |  | + | + |   | + | + | + |  | + |  | + |  | + | + | + |  |  |  |  |
| Histiocytic Sarcoma |   |  |  |   |  |   |  |  |   |  |   |   | X |   |   |   |  |   |  |   |  |   |   |   |  |  |  |  |
| Fat, Lipoma         |   |  |  |   |  | X |  |  |   |  |   |   |   |   |   |   |  |   |  |   |  |   |   |   |  |  |  |  |

|                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|
| Pancreas            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + |  |  |  |
| Hemangioma          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |
| Histiocytic Sarcoma |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |
| Lymphoma Malignant  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |

|                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|
| Salivary Glands     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |  |  |
| Histiocytic Sarcoma |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |
| Lymphoma Malignant  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |

|                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + |  |  |  |
| Lymphoma Malignant   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |

|                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|
| Stomach, Glandular  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + |  |  |  |
| Histiocytic Sarcoma |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |
| Lymphoma Malignant  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |

CARDIOVASCULAR SYSTEM

|       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |
|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|
| Aorta | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |  |  |
|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|

|                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|
| Heart               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |  |  |
| Histiocytic Sarcoma |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |
| Lymphoma Malignant  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |

ENDOCRINE 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE<br>10 W/kg | DAY ON TEST |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | females<br>(cont...) |       |
|-------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------|-------|
|                               | 0750        | 0750  | 0752  | 0751  | 0759  | 0769  | 0774  | 0775  | 0775  | 0775  | 0775  | 0775  | 0775  | 0775  | 0775  | 0775  | 0775  | 0775  | 0775  | 0775  | 0775  | 0775  | 0775  | 0775  |                      |       |
| ANIMAL ID                     | 00737       | 00738 | 00739 | 00740 | 00741 | 00742 | 00743 | 00744 | 00747 | 00748 | 00749 | 00750 | 00751 | 00752 | 00753 | 00754 | 00755 | 00756 | 00757 | 00758 | 00759 | 00760 | 00761 | 00762 | 00763                | 00764 |
| Adrenal Cortex                | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +                    |       |
| Histiocytic Sarcoma           |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                      |       |
| Lymphoma Malignant            |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                      |       |
| Adrenal Medulla               | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +                    | +     |
| Lymphoma Malignant            |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                      |       |
| Islets, Pancreatic            | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | A     | +     | +     | +     | +     | +     | +     | +     | +     | +                    | +     |
| Adenoma                       |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                      |       |
| Histiocytic Sarcoma           |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                      |       |
| Lymphoma Malignant            |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                      |       |
| Parathyroid Gland             | +           | +     | M     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | M     | M     | M     | +     | +     | M     | +     | +     | +                    | +     |
| Pituitary Gland               | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | M     | +     | +     | M     | +     | +     | +     | +                    | +     |
| Pars Distalis, Adenoma        |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                      |       |
| Pars Distalis, Carcinoma      |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                      |       |
| Thyroid Gland                 | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +                    | +     |
| Lymphoma Malignant            |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                      |       |

GENERAL BODY SYSTEM

Tissue NOS  
Hemangiosarcoma  
Lymphoma Malignant

GENITAL SYSTEM

Clitoral Gland

+ + + + + 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE | DAY ON TEST | ANIMAL ID |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | females<br>(cont...) |      |      |      |      |      |
|--------------------|-------------|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|------|------|------|------|------|
|                    |             | 0750      | 0750 | 0752 | 0751 | 0769 | 0774 | 0777 | 0777 | 0777 | 0777 | 0777 | 0756 | 0767 | 0777 | 0777 | 0766 | 0773 | 0774 | 0774 | 0773 |                      | 0774 | 0775 | 0776 | 0776 | 0777 |
| 10 W/kg            |             | 0         | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0                    | 0    | 0    | 0    | 0    | 0    |

Histiocytic Sarcoma

|                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|-----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Ovary                       | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | M | + | M |  |
| Cystadenoma                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Granulosa Cell Tumor Benign |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Histiocytic Sarcoma         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Lymphoma Malignant          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Teratoma Benign             |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |

|                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Uterus              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenocarcinoma      |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Histiocytic Sarcoma |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Polyp Stromal       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

HEMATOPOIETIC SYSTEM

|                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hemangiosarcoma        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Histiocytic Sarcoma    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymph Node             |   |   |   |   |   |   |   |   |   | + |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Histiocytic Sarcoma    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymph Node, Mandibular | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | M |
| Histiocytic Sarcoma    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymph Node, Mesenteric | + | + | + | + | M | + | + | + | + | + | M | M | + | + | + | A | + | + | + | + | + | + | + | + |   |

\* .. 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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Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

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First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------------|---|---|
| <b>B6C3F1 MICE FEMALE</b> | 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 |   |
|                           |             | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 5 | 6 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7                        | 7 | 6 |
|                           |             | 5 | 5 | 5 | 5 | 3 | 6 | 4 | 5 | 5 | 5 | 4 | 6 | 8 | 4 | 4 | 6 | 7 | 3 | 4 | 4 | 4                        | 3 | 4 |
| <b>10 W/kg</b>            | 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 |   |
|                           |             | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7                        | 7 | 7 |
|                           |             | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6                        | 6 |   |
|                           |             | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 6 | 7 | 8 | 9 | 0                        | 1 |   |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>females (cont...)</b> |   |   |

Hemangiosarcoma  
 Histiocytic Sarcoma  
 Lymphoma Malignant

Spleen  
 Histiocytic Sarcoma  
 Lymphoma Malignant

Thymus  
 Histiocytic Sarcoma  
 Lymphoma Malignant

+  
 X  
 + + + + + + + + + + + + + + + M + + + + + + + +

**INTEGUMENTARY SYSTEM**

Mammary Gland  
 Adenocarcinoma  
 Histiocytic Sarcoma  
 Lymphoma Malignant

Skin  
 Histiocytic Sarcoma  
 Lymphoma Malignant  
 Subcutaneous Tissue, Sarcoma

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

**MUSCULOSKELETAL SYSTEM**

Bone  
 Skeletal Muscle  
 Histiocytic Sarcoma  
 Lymphoma Malignant

+  
 + + + + + + X

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

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

Experiment Number: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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Lab: IIT

|                           |                |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                              |
|---------------------------|----------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------------------------------|
| <b>B6C3F1 MICE FEMALE</b> | <b>10 W/kg</b> | 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 |   |                              |
|                           |                |             | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 5 | 6 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 |   | 6                            |
|                           |                |             | 5 | 5 | 5 | 5 | 3 | 6 | 4 | 5 | 5 | 5 | 4 | 6 | 8 | 4 | 4 | 6 | 7 | 3 | 4 | 4 | 4 | 3 | 4 | 4 | 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 | <b>females<br/>(cont...)</b> |
|                           |                | 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 |   |                              |
|                           |                | 3           | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |   |                              |
|                           |                | 7           | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 4 |   |                              |

Osteosarcoma X  
 Rhabdomyosarcoma

**NERVOUS SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain                                  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Carcinoma, Metastatic, Pituitary Gland |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |
| Histiocytic Sarcoma                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Brain Trigeminal Ganglion              | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | M | + | + | + | + | + | + | + | + | + | + |   |
| Nerve Trigeminal                       | M | M | M | M | + | M | M | M | + | M | + | + | + | M | M | + | + | M | M | + | M | M | M | + | + | + | + |   |
| Carcinoma, Metastatic, Pituitary Gland |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |
| Histiocytic Sarcoma                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Peripheral Nerve, Sciatic              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Spinal Cord                            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**RESPIRATORY SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Alveolar/Bronchiolar Adenoma                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |
| Alveolar/Bronchiolar Carcinoma              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatocellular Carcinoma, Metastatic, Liver |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Histiocytic Sarcoma                         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |
| 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: 20105 - 78  
 Test Type: CHRONIC  
 Route: Whole Body Exposure  
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Cell Phone Radiation: GSM  
 CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017  
 Time Report Requested: 13:43:11  
 First Dose M/F: 06/18/12 / 06/18/12  
 Lab: IIT

| B6C3F1 MICE FEMALE<br>10 W/kg   | 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 | ANIMAL ID | females<br>(cont...) |   |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------------------|---|
|   |             | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 5 | 6 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 |           |                      | 6 |
|   | 5           | 5 | 5 | 5 | 3 | 6 | 4 | 5 | 5 | 5 | 4 | 6 | 8 | 4 | 4 | 6 | 7 | 3 | 4 | 4 | 4 | 3 | 4 | 4 | 0         |                      |   |
| Nose<br>Lymphoma Malignant  |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |           |                      |   |
| Trachea   |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |           |                      |   |
| <b>SPECIAL SENSES SYSTEM</b>  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |                      |   |
| Eye   |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |           |                      |   |
| Harderian Gland<br>Adenoma<br>Histiocytic Sarcoma<br>Lymphoma Malignant |             | + | + | + | + | + | + | + | + | + | X | + | + | + | + | + | + | + | + | M | + | + | + | + | +         |                      |   |
| <b>URINARY SYSTEM</b>   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |                      |   |
| Kidney<br>Histiocytic Sarcoma<br>Lymphoma Malignant                     |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |           |                      |   |
| Urinary Bladder<br>Histiocytic Sarcoma<br>Lymphoma Malignant            |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + |           |                      |   |
| <b>SYSTEMIC LESIONS</b>   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |                      |   |
| Multiple Organ<br>Histiocytic Sarcoma<br>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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE<br>10 W/kg             | DAY ON TEST      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | ANIMAL ID | females<br>(cont...) |   |   |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|----------------------|---|---|
|   | 0<br>7<br>5<br>2 | 0<br>7<br>5<br>1 | 0<br>7<br>5<br>0 | 0<br>7<br>4<br>0 | 0<br>7<br>4<br>0 | 0<br>7<br>0<br>0 | 0<br>7<br>5<br>1 | 0<br>7<br>4<br>0 | 0<br>7<br>1<br>4 | 0<br>7<br>4<br>3 | 0<br>7<br>5<br>4 | 0<br>7<br>3<br>4 | 0<br>7<br>9<br>4 | 0<br>7<br>4<br>4 | 0<br>7<br>7<br>5 | 0<br>7<br>4<br>6 | 0<br>7<br>3<br>9 | 0<br>7<br>4<br>6 | 0<br>7<br>5<br>0 | 0<br>7<br>4<br>5 | 0<br>7<br>4<br>6 | 0<br>7<br>5<br>6 | 0<br>7<br>2<br>0 | 0<br>7<br>2<br>1 | 0<br>7<br>1<br>1 |           |                      |   |   |
| Lymphoma Malignant                        |                  |                  |                  |                  |                  |                  | X                |                  |                  |                  |                  |                  |                  |                  | X                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |   |   |
| Mesentery                                 |                  |                  |                  |                  |                  |                  |                  | +                |                  |                  |                  |                  |                  |                  |                  |                  | +                |                  |                  |                  | +                |                  |                  |                  |                  |           |                      |   |   |
| Histiocytic Sarcoma<br>Fat, Lipoma        |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |   |   |
| Pancreas                                  | +                | +                | +                | +                | +                | A                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +         | +                    | + | A |
| Hemangioma                                |                  |                  |                  |                  |                  |                  | X                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |   |   |
| Histiocytic Sarcoma<br>Lymphoma Malignant |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | X                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |   |   |
| Salivary Glands                           | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +         | +                    | + | + |
| Histiocytic Sarcoma<br>Lymphoma Malignant |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | X                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |   |   |
| Stomach, Forestomach                      | +                | +                | +                | +                | +                | A                | +                | +                | +                | +                | +                | A                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +         | +                    | + |   |
| Lymphoma Malignant                        |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | X                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |   |   |
| Stomach, Glandular                        | +                | +                | +                | +                | +                | A                | +                | +                | +                | +                | +                | A                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +         | +                    | + |   |
| Histiocytic Sarcoma<br>Lymphoma Malignant |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | X                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |   |   |
| <b>CARDIOVASCULAR SYSTEM</b>              |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |   |   |
| Aorta                                     | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +         | +                    | + | + |
| Heart                                     | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +         | +                    | + | + |
| Histiocytic Sarcoma<br>Lymphoma Malignant |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | X                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |   |   |
| <b>ENDOCRINE SYSTEM</b>                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |           |                      |   |   |

\* .. 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: 20105 - 78  
 Test Type: CHRONIC  
 Route: Whole Body Exposure  
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Cell Phone Radiation: GSM  
 CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017  
 Time Report Requested: 13:43:11  
 First Dose M/F: 06/18/12 / 06/18/12  
 Lab: IIT

|                           |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |  |                |                |
|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|----------------|----------------|
| <b>B6C3F1 MICE FEMALE</b> | DAY ON TEST    | 07<br>52       | 07<br>51       | 07<br>50       | 07<br>44       | 07<br>44       | 07<br>00       | 07<br>01       | 07<br>45       | 07<br>44       | 07<br>34       | 07<br>53       | 07<br>54       | 07<br>74       | 07<br>73       | 07<br>74       | 07<br>44       | 07<br>33       | 07<br>44       | 07<br>55       | 07<br>44       | 07<br>75       | 07<br>77       | 07<br>22       | 07<br>71       | 07<br>11       |  |                |                |
|                           | <b>10 W/kg</b> | 00<br>07<br>65 | 00<br>07<br>68 | 00<br>07<br>69 | 00<br>07<br>70 | 00<br>07<br>71 | 00<br>07<br>72 | 00<br>07<br>73 | 00<br>07<br>74 | 00<br>07<br>75 | 00<br>07<br>76 | 00<br>07<br>77 | 00<br>07<br>78 | 00<br>07<br>79 | 00<br>07<br>80 | 00<br>07<br>81 | 00<br>07<br>82 | 00<br>07<br>83 | 00<br>07<br>84 | 00<br>07<br>85 | 00<br>07<br>86 | 00<br>07<br>87 | 00<br>07<br>88 | 00<br>07<br>89 | 00<br>07<br>90 | 00<br>07<br>91 |  | 00<br>07<br>92 | 00<br>07<br>95 |
|                           | ANIMAL ID      |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |  |                |                |

females  
(cont...)

Adrenal Cortex  
 Histiocytic Sarcoma  
 Lymphoma Malignant

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

Adrenal Medulla  
 Lymphoma Malignant

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| + | + | I | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |

Islets, Pancreatic  
 Adenoma  
 Histiocytic Sarcoma  
 Lymphoma Malignant

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

Parathyroid Gland

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| M | + | + | + | + | + | + | + | M | M | + | + | + | + | + | M | M | M | + | + | + | M | + | + | + | + | + | + |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |

Pituitary Gland  
 Pars Distalis, Adenoma  
 Pars Distalis, Carcinoma

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | M |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |

Thyroid Gland  
 Lymphoma Malignant

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | I | + | + | + | + | + | + | + | + | + |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |

**GENERAL BODY SYSTEM**

Tissue NOS  
 Hemangiosarcoma  
 Lymphoma Malignant

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

**GENITAL SYSTEM**

Clitoral Gland

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 X .. Lesion present  
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Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE | DAY ON TEST |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | females<br>(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 |
| 10 W/kg            |             | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 7 | 7 | 5 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 1                    |   |   |
|                    | ANIMAL ID   | 5 | 5 | 5 | 4 | 4 | 0 | 5 | 4 | 5 | 4 | 4 | 3 | 9 | 4 | 3 | 4 | 4 | 3 | 4 | 4 | 3 | 4 | 5 | 4 | 4                    | 2 |   |
|                    |             | 2 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 4 | 3 | 4 | 0 | 4 | 4 | 5 | 6 | 9 | 6 | 0 | 5 | 5 | 6 | 0 | 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 |   |
|                    |             | 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 |   |
|                    |             | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9                    | 9 |   |
|                    |             | 5 | 6 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 4 | 5 | 7 | 8 | 9 | 0 | 1 | 2 | 5                    | 5 |   |

Histiocytic Sarcoma

Ovary

Cystadenoma

Granulosa Cell Tumor Benign

Histiocytic Sarcoma

Lymphoma Malignant

Teratoma Benign

+ + + + + + + + + + + + + M + + + + + + + + M A

X

Uterus

Adenocarcinoma

Histiocytic Sarcoma

Lymphoma Malignant

Polyp Stromal

+ + + + + + + + + + + + + I + + + + + + + + + + + +

X

HEMATOPOIETIC SYSTEM

Bone Marrow

Hemangiosarcoma

Histiocytic Sarcoma

Lymphoma Malignant

+ +

X

X

Lymph Node

Histiocytic Sarcoma

Lymphoma Malignant

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

X

X

Lymph Node, Mandibular

Histiocytic Sarcoma

Lymphoma Malignant

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

X

Lymph Node, Mesenteric

+ + + + + + + + + + + + + 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE<br>10 W/kg | 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 | females<br>(cont...) |   |
|-------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------------------|---|
|                               |             | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |           |                      | 6 |
|                               |             | 4 | 5 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 5 | 4 | 4 | 4 | 8 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 8         |                      |   |
|                               |             | 5 | 1 | 9 | 9 | 4 | 4 | 0 | 1 | 1 | 5 | 1 | 3 | 3 | 3 | 0 | 0 | 4 | 4 | 6 | 0 | 5 | 0 | 4 | 6 | 1         |                      |   |
|                               |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0         |                      |   |
|                               |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0         |                      |   |
|                               |             | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8         |                      |   |
|                               |             | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2         |                      |   |
|                               |             | 6 | 7 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 7 | 8 | 9 | 0 | 1 | 2         |                      |   |

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

GENERAL BODY SYSTEM

|                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Tissue NOS         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Hemangiosarcoma    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lymphoma Malignant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

GENITAL SYSTEM

|                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|
| Clitoral 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|   |             |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                              |                       |                       |
|---|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------------|-----------------------|-----------------------|
| <b>B6C3F1 MICE FEMALE</b><br><b>10 W/kg</b> | DAY ON TEST | 0<br>7<br>4<br>5      | 0<br>7<br>5<br>1      | 0<br>7<br>3<br>9      | 0<br>7<br>3<br>9      | 0<br>7<br>4<br>4      | 0<br>7<br>4<br>4      | 0<br>7<br>4<br>5      | 0<br>7<br>5<br>0      | 0<br>7<br>5<br>1      | 0<br>7<br>5<br>1      | 0<br>7<br>4<br>5      | 0<br>7<br>4<br>3      | 0<br>7<br>4<br>3      | 0<br>6<br>8<br>0      | 0<br>7<br>4<br>4      | 0<br>7<br>4<br>4      | 0<br>7<br>4<br>6      | 0<br>7<br>4<br>0      | 0<br>7<br>4<br>5      | 0<br>7<br>4<br>0      | 0<br>7<br>4<br>6      | 0<br>6<br>8<br>1      | <b>females<br/>(cont...)</b> |                       |                       |
|   | ANIMAL ID   | 0<br>0<br>7<br>9<br>6 | 0<br>0<br>7<br>9<br>7 | 0<br>0<br>7<br>9<br>9 | 0<br>0<br>8<br>0<br>1 | 0<br>0<br>8<br>0<br>2 | 0<br>0<br>8<br>0<br>3 | 0<br>0<br>8<br>0<br>4 | 0<br>0<br>8<br>0<br>5 | 0<br>0<br>8<br>0<br>6 | 0<br>0<br>8<br>0<br>7 | 0<br>0<br>8<br>0<br>8 | 0<br>0<br>8<br>0<br>9 | 0<br>0<br>8<br>1<br>0 | 0<br>0<br>8<br>1<br>1 | 0<br>0<br>8<br>1<br>2 | 0<br>0<br>8<br>1<br>3 | 0<br>0<br>8<br>1<br>4 | 0<br>0<br>8<br>1<br>5 | 0<br>0<br>8<br>1<br>6 | 0<br>0<br>8<br>1<br>7 | 0<br>0<br>8<br>1<br>8 | 0<br>0<br>8<br>2<br>9 |                              | 0<br>0<br>8<br>2<br>0 | 0<br>0<br>8<br>2<br>1 |

Osteosarcoma  
Rhabdomyosarcoma

**NERVOUS SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain                                  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Carcinoma, Metastatic, Pituitary Gland |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Histiocytic Sarcoma                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |
| Lymphoma Malignant                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Brain Trigeminal Ganglion              | + | + | + | + | + | M | + | M | + | M | + | M | + | + | + | + | + | + | M | + | + | + | M | + |
| Nerve Trigeminal                       | M | M | + | M | M | + | M | + | M | + | M | + | M | M | M | + | M | M | M | M | M | M | + | + |
| Carcinoma, Metastatic, Pituitary Gland |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Histiocytic Sarcoma                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |
| Peripheral Nerve, Sciatic              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | I | + | + | + | + | + | + | + | + | + |
| Spinal Cord                            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |
| Lymphoma Malignant                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**RESPIRATORY SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Alveolar/Bronchiolar Adenoma                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Alveolar/Bronchiolar Carcinoma              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatocellular Carcinoma, Metastatic, Liver |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Histiocytic Sarcoma                         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |
| 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE  | DAY ON TEST      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | ANIMAL ID        | females<br>(cont...) |                  |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------------------|------------------|
|   | 0<br>7<br>4<br>5 | 0<br>7<br>5<br>1 | 0<br>7<br>3<br>9 | 0<br>7<br>3<br>9 | 0<br>7<br>4<br>4 | 0<br>7<br>4<br>4 | 0<br>7<br>4<br>5 | 0<br>7<br>5<br>0 | 0<br>7<br>5<br>1 | 0<br>7<br>5<br>1 | 0<br>7<br>4<br>5 | 0<br>7<br>5<br>1 | 0<br>7<br>3<br>3 | 0<br>7<br>4<br>4 | 0<br>7<br>3<br>3 | 0<br>6<br>8<br>0 | 0<br>7<br>4<br>4 | 0<br>7<br>4<br>6 | 0<br>7<br>4<br>0 | 0<br>7<br>4<br>5 | 0<br>7<br>4<br>0 | 0<br>7<br>4<br>0 | 0<br>7<br>4<br>0 | 0<br>7<br>2<br>2 |                  |                      | 0<br>6<br>8<br>1 |
| <b>10 W/kg</b>  | 0<br>7<br>9<br>6 | 0<br>7<br>9<br>7 | 0<br>0<br>9<br>9 | 0<br>0<br>8<br>0 | 0<br>0<br>8<br>0 | 0<br>0<br>8<br>0 | 0<br>0<br>8<br>0 | 0<br>0<br>8<br>0 | 0<br>0<br>8<br>0 | 0<br>0<br>8<br>0 | 0<br>0<br>8<br>0 | 0<br>0<br>8<br>0 | 0<br>0<br>8<br>0 | 0<br>0<br>8<br>0 | 0<br>0<br>8<br>0 | 0<br>0<br>8<br>0 | 0<br>0<br>8<br>1 | 0<br>0<br>8<br>1 | 0<br>0<br>8<br>1 | 0<br>0<br>8<br>1 | 0<br>0<br>8<br>1 | 0<br>0<br>8<br>1 | 0<br>0<br>8<br>2 | 0<br>0<br>8<br>2 | 0<br>0<br>8<br>1 | 0<br>0<br>8<br>2     |                  |
| Nose<br>Lymphoma Malignant  | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                    | X                |
| Trachea   | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                    | +                |
| <b>SPECIAL SENSES SYSTEM</b>  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                      |                  |
| Eye   | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                    | +                |
| Harderian Gland<br>Adenoma<br>Histiocytic Sarcoma<br>Lymphoma Malignant | +                | +                | +                | +                | +                | +                | +                | +                | X                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                    | +                |
| <b>URINARY SYSTEM</b>   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                      |                  |
| Kidney<br>Histiocytic Sarcoma<br>Lymphoma Malignant                     | +                | +                | +                | +                | +                | +                | +                | X                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | X                | +                | +                | +                | +                | +                | +                    | +                |
| Urinary Bladder<br>Histiocytic Sarcoma<br>Lymphoma Malignant            | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | X                | +                | +                | +                | +                | +                | +                | +                    | A                |
| <b>SYSTEMIC LESIONS</b>   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                      |                  |
| Multiple Organ<br>Histiocytic Sarcoma<br>Lymphoma Malignant             | +                | +                | +                | +                | +                | +                | +                | 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: 20105 - 78

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Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|--------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
|                    |             | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 |  |
| 10 W/kg            |             | 9 | 5 | 5 | 4 | 4 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 6 | 4 |  |
|                    |             | 0 | 2 | 1 | 5 | 3 | 6 | 2 | 4 | 1 | 2 | 0 | 2 | 6 | 0 |  |
|                    | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|                    |             | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |  |
|                    |             | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |  |
|                    |             | 3 | 4 | 5 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 7 | 8 |  |
| <b>* TOTALS</b>    |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |

**ALIMENTARY SYSTEM**

|                                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Esophagus                          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>90</b> |
| Gallbladder                        | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>72</b> |
| Histiocytic Sarcoma                |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   | <b>2</b>  |
| Lymphoma Malignant                 |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   | <b>2</b>  |
| Intestine Large, Cecum             | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>82</b> |
| Leiomyosarcoma                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Lymphoma Malignant                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2</b>  |
| Intestine Large, Colon             | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>85</b> |
| Intestine Large, Rectum            |   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>86</b> |
| Intestine Small, Duodenum          |   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>81</b> |
| Intestine Small, Ileum             | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>80</b> |
| Histiocytic Sarcoma                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Lymphoma Malignant                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Intestine Small, Jejunum           | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>80</b> |
| Liver                              |   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>89</b> |
| Hemangiosarcoma                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Hepatocellular Adenoma             |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   | <b>8</b>  |
| Hepatocellular Adenoma, Multiple   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2</b>  |
| Hepatocellular Carcinoma           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>5</b>  |
| Hepatocellular Carcinoma, Multiple |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Histiocytic Sarcoma                |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   | <b>3</b>  |

\* .. 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE<br>10 W/kg | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | * TOTALS |
|-------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----------|
|                               | ANIMAL ID   | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 9 | 0  |          |
| Lymphoma Malignant            |             |   |   |   |   |   |   | X |   | X |   |   |   |   |   |   | 5  |          |
| Mesentery                     |             |   |   |   | + |   |   |   |   |   |   |   | + | + |   |   | 30 |          |
| Histiocytic Sarcoma           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2  |          |
| Fat, Lipoma                   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |          |
| Pancreas                      |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   | 86 |          |
| Hemangioma                    |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |          |
| Histiocytic Sarcoma           |             |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   | 2  |          |
| Lymphoma Malignant            |             |   |   |   |   |   |   | X |   | X |   |   |   |   |   |   | 3  |          |
| Salivary Glands               |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   | 90 |          |
| Histiocytic Sarcoma           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |          |
| Lymphoma Malignant            |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |          |
| Stomach, Forestomach          |             | A | + | + | + | + | + | + | + | + | + | + | + | + | + |   | 85 |          |
| Lymphoma Malignant            |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |          |
| Stomach, Glandular            |             | A | + | + | + | + | + | + | + | + | + | + | + | + | + |   | 85 |          |
| Histiocytic Sarcoma           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |          |
| Lymphoma Malignant            |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |          |
| <b>CARDIOVASCULAR SYSTEM</b>  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |          |
| Aorta                         |             | + | + | + | + | + | M | + | + | + | + | + | + | + | + |   | 89 |          |
| Heart                         |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   | 90 |          |
| Histiocytic Sarcoma           |             |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   | 1  |          |
| Lymphoma Malignant            |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |          |
| <b>ENDOCRINE SYSTEM</b>       |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |          |

\* .. 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE<br>10 W/kg | DAY ON TEST |       |       |       |       |       |       |       |       |       |       |       |       |       |       | * TOTALS |       |       |       |
|-------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|
|                               | 0390        | 0752  | 0751  | 0774  | 0774  | 0774  | 0777  | 0777  | 0777  | 0777  | 0777  | 0777  | 0777  | 0777  | 0777  |          | 0674  | 0674  | 0674  |
| ANIMAL ID                     | 00823       | 00824 | 00825 | 00827 | 00828 | 00829 | 00830 | 00831 | 00832 | 00833 | 00834 | 00835 | 00837 | 00838 | 00839 | 00840    | 00841 | 00842 | 00843 |
| Adrenal Cortex                | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | +     | +     | 90    |
| Histiocytic Sarcoma           |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          | X     |       | 2     |
| Lymphoma Malignant            |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |       | 2     |
| Adrenal Medulla               | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | +     | +     | 87    |
| Lymphoma Malignant            |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |       | 1     |
| Islets, Pancreatic            | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | +     | +     | 86    |
| Adenoma                       |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |       | 1     |
| Histiocytic Sarcoma           |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |       | 1     |
| Lymphoma Malignant            |             |       |       |       |       |       |       | X     |       |       |       |       |       |       |       |          |       |       | 1     |
| Parathyroid Gland             | +           | M     | M     | M     | +     | +     | +     | M     | +     | +     | +     | M     | M     | +     | M     |          |       |       | 62    |
| Pituitary Gland               | +           | +     | +     | +     | +     | I     | +     | M     | +     | +     | +     | +     | +     | +     | +     | +        | +     | +     | 84    |
| Pars Distalis, Adenoma        |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |       | 5     |
| Pars Distalis, Carcinoma      |             | X     |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |       | 1     |
| Thyroid Gland                 | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | +     | +     | 86    |
| Lymphoma Malignant            |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |       | 1     |
| <b>GENERAL BODY SYSTEM</b>    |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |       |       |
| Tissue NOS                    |             |       |       |       | +     |       |       |       |       |       |       |       |       |       |       |          |       |       | 2     |
| Hemangiosarcoma               |             |       |       |       | X     |       |       |       |       |       |       |       |       |       |       |          |       |       | 1     |
| Lymphoma Malignant            |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |       | 1     |
| <b>GENITAL SYSTEM</b>         |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |       |       |
| Clitoral Gland                | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | +     | +     | 86    |

\* .. 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE          | DAY ON TEST |       |       |       |       |       |       |       |       |       |       |       |       |       |       | * TOTALS |       |
|-----------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|
|                             | 0390        | 0752  | 0751  | 0774  | 0774  | 0776  | 0777  | 0777  | 0777  | 0777  | 0777  | 0777  | 0777  | 0777  | 0777  |          | 0777  |
| 10 W/kg                     | ANIMAL ID   |       |       |       |       |       |       |       |       |       |       |       |       |       |       | * TOTALS |       |
|                             | 00823       | 00882 | 00882 | 00882 | 00882 | 00882 | 00882 | 00882 | 00882 | 00882 | 00882 | 00882 | 00882 | 00882 | 00882 |          | 00882 |
| Histiocytic Sarcoma         |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          | 1     |
| Ovary                       | M           | M     | I     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | 80    |
| Cystadenoma                 |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          | 6     |
| Granulosa Cell Tumor Benign |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          | 1     |
| Histiocytic Sarcoma         |             |       |       |       |       |       |       |       |       |       |       |       |       | X     |       |          | 2     |
| Lymphoma Malignant          |             |       |       |       |       |       |       |       |       | X     |       |       |       |       |       |          | 4     |
| Teratoma Benign             |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          | 1     |
| Uterus                      | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | 89    |
| Adenocarcinoma              |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          | 1     |
| Histiocytic Sarcoma         |             |       |       |       |       |       |       |       |       |       |       |       |       |       | X     |          | 2     |
| Lymphoma Malignant          |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          | 2     |
| Polyp Stromal               | X           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          | 2     |
| <b>HEMATOPOIETIC SYSTEM</b> |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |       |
| Bone Marrow                 | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | 90    |
| Hemangiosarcoma             |             |       |       | X     |       |       |       |       |       |       |       |       |       |       |       |          | 1     |
| Histiocytic Sarcoma         |             |       |       |       |       |       |       |       |       |       |       |       |       |       | X     |          | 3     |
| Lymphoma Malignant          |             |       |       |       |       |       |       | X     |       |       |       |       |       |       |       |          | 4     |
| Lymph Node                  |             |       |       |       |       |       |       | +     |       | +     |       |       |       |       | +     |          | 14    |
| Histiocytic Sarcoma         |             |       |       |       |       |       |       |       |       |       |       |       |       |       | X     |          | 4     |
| Lymphoma Malignant          |             |       |       |       |       |       |       | X     |       | X     |       |       |       |       |       |          | 4     |
| Lymph Node, Mandibular      | +           | +     | +     | M     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | 83    |
| Histiocytic Sarcoma         |             |       |       |       |       |       |       |       |       |       |       |       |       |       | X     |          | 3     |
| Lymphoma Malignant          |             |       |       |       |       |       |       | X     |       | X     |       |       |       |       |       |          | 3     |
| Lymph Node, Mesenteric      | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +        | 83    |

\* .. 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|--------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
|                    |             | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 |  |
| 10 W/kg            | ANIMAL ID   | 9 | 5 | 5 | 4 | 4 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 6 | 4 |  |
|                    |             | 0 | 2 | 1 | 5 | 3 | 6 | 2 | 4 | 1 | 2 | 0 | 2 | 6 | 0 |  |
|                    |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|                    |             | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |  |
|                    |             | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |  |
|                    |             | 3 | 4 | 5 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 7 | 8 |  |
| <b>* TOTALS</b>    |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |

|                     |  |  |  |  |  |  |   |  |   |  |  |  |  |   |  |  |          |
|---------------------|--|--|--|--|--|--|---|--|---|--|--|--|--|---|--|--|----------|
| Hemangiosarcoma     |  |  |  |  |  |  |   |  |   |  |  |  |  |   |  |  | <b>1</b> |
| Histiocytic Sarcoma |  |  |  |  |  |  |   |  |   |  |  |  |  | X |  |  | <b>3</b> |
| Lymphoma Malignant  |  |  |  |  |  |  | X |  | X |  |  |  |  |   |  |  | <b>4</b> |

|                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |           |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|-----------|
| Spleen              | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  | <b>87</b> |
| Histiocytic Sarcoma |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |  | <b>3</b>  |
| Lymphoma Malignant  |   |   |   |   |   |   | X |   | X |   |   |   |   |   |   |  | <b>5</b>  |

|                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |           |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|-----------|
| Thymus              | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  | <b>86</b> |
| Histiocytic Sarcoma |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |  | <b>2</b>  |
| Lymphoma Malignant  |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |  | <b>3</b>  |

**INTEGUMENTARY SYSTEM**

|                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |           |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|-----------|
| Mammary Gland       | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  | <b>84</b> |
| Adenocarcinoma      |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |  | <b>1</b>  |
| Histiocytic Sarcoma |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |  | <b>2</b>  |
| Lymphoma Malignant  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  | <b>1</b>  |

|                              |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |           |
|------------------------------|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|-----------|
| Skin                         |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  | <b>90</b> |
| Histiocytic Sarcoma          |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  | <b>2</b>  |
| Lymphoma Malignant           |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  | <b>1</b>  |
| Subcutaneous Tissue, Sarcoma |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  | <b>1</b>  |

**MUSCULOSKELETAL SYSTEM**

|                     |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |           |
|---------------------|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|-----------|
| Bone                |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  | <b>90</b> |
| Skeletal Muscle     |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  | <b>90</b> |
| Histiocytic Sarcoma |  |   |   |   |   |   |   |   |   |   |   |   |   | X |   |  | <b>2</b>  |
| Lymphoma Malignant  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  | <b>1</b>  |

\* .. 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: 20105 - 78

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Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

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Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| <b>B6C3F1 MICE FEMALE</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                 |
|                           |             | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 |   |   |                 |
| <b>10 W/kg</b>            |             | 9 | 5 | 5 | 4 | 4 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 6 | 4 |   |   |                 |
|                           |             | 0 | 2 | 1 | 5 | 3 | 6 | 2 | 4 | 1 | 2 | 0 | 2 | 6 | 0 | 0 |   |                 |
|                           | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | <b>* TOTALS</b> |
|                           |             | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |   |                 |
|                           |             | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |   |                 |
|                           |             | 3 | 4 | 5 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 7 | 8 | 9 |   |                 |
|                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |

Osteosarcoma

1

Rhabdomyosarcoma

1

**NERVOUS SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Brain                                  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>90</b> |
| Carcinoma, Metastatic, Pituitary Gland |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Histiocytic Sarcoma                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Lymphoma Malignant                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Brain Trigeminal Ganglion              | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>79</b> |
| Nerve Trigeminal                       | M | + | + | M | + | + | + | M | M | M | M | M | M | M | M | M | <b>35</b> |
| Carcinoma, Metastatic, Pituitary Gland |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Histiocytic Sarcoma                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Peripheral Nerve, Sciatic              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>88</b> |
| Spinal Cord                            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>90</b> |
| Histiocytic Sarcoma                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Lymphoma Malignant                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |

**RESPIRATORY SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Lung  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>90</b> |
| Alveolar/Bronchiolar Adenoma                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Alveolar/Bronchiolar Carcinoma              |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Hepatocellular Carcinoma, Metastatic, Liver |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Histiocytic Sarcoma                         |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   | <b>3</b>  |
| Lymphoma Malignant                          |   |   |   |   |   |   | X |   | X |   |   |   |   |   |   |   | <b>4</b>  |

\* .. 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: 20105 - 78

Test Type: CHRONIC

Route: Whole Body Exposure

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 10/20/2017

Time Report Requested: 13:43:11

First Dose M/F: 06/18/12 / 06/18/12

Lab: IIT

| B6C3F1 MICE FEMALE<br>10 W/kg | DAY ON TEST |       |       |       |       |       |       |       |       |       |       |       |       |       |       | * TOTALS |
|-------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
|                               | 0390        | 0752  | 0751  | 0745  | 0744  | 0744  | 0752  | 0744  | 0711  | 0712  | 0700  | 0702  | 0606  | 0607  | 0600  |          |
| ANIMAL ID                     | 00823       | 00824 | 00825 | 00827 | 00828 | 00829 | 00830 | 00831 | 00832 | 00833 | 00834 | 00835 | 00837 | 00838 | 00839 |          |
| Nose                          | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | 90       |
| Lymphoma Malignant            |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 2        |
| Trachea                       | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | 90       |
| <b>SPECIAL SENSES SYSTEM</b>  |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |
| Eye                           | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | 90       |
| Harderian Gland               | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | 87       |
| Adenoma                       |             |       |       |       |       |       |       |       |       | X     |       |       |       |       |       | 6        |
| Histiocytic Sarcoma           |             |       |       |       |       |       |       |       |       |       |       |       |       | X     |       | 2        |
| Lymphoma Malignant            |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 1        |
| <b>URINARY SYSTEM</b>         |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |
| Kidney                        | A           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | 88       |
| Histiocytic Sarcoma           |             |       |       |       |       |       |       |       |       |       |       |       |       | X     |       | 3        |
| Lymphoma Malignant            |             |       |       |       |       |       | X     |       |       |       |       |       |       |       |       | 3        |
| Urinary Bladder               | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | 86       |
| Histiocytic Sarcoma           |             |       |       |       |       |       |       |       |       |       |       |       |       | X     |       | 2        |
| Lymphoma Malignant            |             |       |       |       |       |       | X     |       | X     |       |       |       |       |       |       | 3        |
| <b>SYSTEMIC LESIONS</b>       |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |
| Multiple Organ                | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | 90       |
| Histiocytic Sarcoma           |             |       |       |       |       |       |       |       |       |       |       |       |       | X     |       | 5        |
| Lymphoma Malignant            |             |       |       |       |       |       | X     |       | X     |       |       |       |       |       |       | 6        |

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\*\*\* END OF REPORT \*\*\*

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