

**TDMs No.** 20310 - 02

**P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS  
ABRIDGED) (a)**

**Date Report Requested:** 07/22/2009

**Test Type:** 26-39 WEEKS

3'-Azido-3'-deoxythymidine (AIDS)

**Time Report Requested:** 11:51:06

**Route:** GAVAGE

**CAS Number:** 30516-87-1

**First Dose M/F:** 11/18/04 / NA

**Species/Strain:** MICE/C3B6F1-+/Trp53(tm1Brd)

**Lab:** NCTR

**C Number:** C20310C

**Lock Date:** 12/01/2008

**Cage Range:** ALL

**Date Range:** ALL

**Reasons For Removal:** ALL

**Removal Date Range:** ALL

**Treatment Groups:** Include 912 Vehicle 9 mo M                      Include 913 AZT 40 9 mo M                      Include 914 AZT 80 9 mo M  
Include 915 AZT 120 9 mo M

**Study Gender:** Male

**TDMSE Version:** 2.1.0

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C3B6F1-+/Trp53(tm1Brd) NCTR MICE MALE	Vehicle 9 mo M	AZT 40 9 mo M	AZT 80 9 mo M	AZT 120 9 mo M
<b>Disposition Summary</b>				
Animals Initially in Study	27	27	27	27
Early Deaths				
Moribund Sacrifice	1	1		1
Natural Death	1	2		1
Survivors				
Moribund Sacrifice	1	3		1
Natural Death				2
Terminal Sacrifice	24	21	27	22
Animals Examined Microscopically	27	27	27	27

## ALIMENTARY SYSTEM

Esophagus	(27)	(26)	(27)	(27)
Gallbladder	(26)	(25)	(27)	(25)
Intestine Large, Cecum	(26)	(26)	(27)	(25)
Intestine Large, Colon	(26)	(26)	(27)	(25)
Intestine Large, Rectum	(26)	(26)	(27)	(26)
Intestine Small, Duodenum	(26)	(25)	(27)	(25)
Liver	(26)	(27)	(27)	(27)
Hepatocellular Adenoma	3 (12%)	2 (7%)	6 (22%)	9 (33%)
Hepatocellular Carcinoma		1 (4%)		
Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach		1 (4%)		
Mesentery	(0)	(2)	(1)	(0)
Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach		1 (50%)		
Pancreas	(27)	(27)	(27)	(27)
Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach		1 (4%)		
Salivary Glands	(27)	(26)	(27)	(27)
Stomach, Forestomach	(26)	(26)	(27)	(27)
Squamous Cell Carcinoma		1 (4%)		
Stomach, Glandular	(26)	(26)	(27)	(25)
Adenocarcinoma		1 (4%)		

## CARDIOVASCULAR SYSTEM

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C3B6F1-+/Trp53(tm1Brd) NCTR MICE MALE	Vehicle 9 mo M	AZT 40 9 mo M	AZT 80 9 mo M	AZT 120 9 mo M
Blood Vessel	(27)	(27)	(27)	(27)
Heart	(27)	(27)	(27)	(27)
<b>ENDOCRINE SYSTEM</b>				
Adrenal Cortex	(27)	(27)	(27)	(27)
Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach		1 (4%)		
Adrenal Medulla	(25)	(26)	(24)	(26)
Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach		1 (4%)		
Islets, Pancreatic	(27)	(27)	(27)	(27)
Parathyroid Gland	(16)	(20)	(21)	(22)
Pituitary Gland	(25)	(27)	(27)	(27)
Thyroid Gland	(26)	(27)	(27)	(26)
<b>GENERAL BODY SYSTEM</b>				
Tissue NOS	(2)	(1)	(0)	(1)
Sarcoma	1 (50%)			
Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach		1 (100%)		
<b>GENITAL SYSTEM</b>				
Coagulating Gland	(0)	(1)	(0)	(0)
Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach		1 (100%)		
Epididymis	(27)	(27)	(27)	(26)
Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach		1 (4%)		
Preputial Gland	(27)	(26)	(27)	(26)
Prostate	(27)	(27)	(27)	(25)
Seminal Vesicle	(26)	(27)	(27)	(26)
Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach		1 (4%)		
Testes	(27)	(26)	(27)	(26)

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C3B6F1-+/Trp53(tm1Brd) NCTR MICE MALE	Vehicle 9 mo M	AZT 40 9 mo M	AZT 80 9 mo M	AZT 120 9 mo M
<b>HEMATOPOIETIC SYSTEM</b>				
Bone Marrow	(27)	(26)	(27)	(26)
Lymph Node	(0)	(1)	(0)	(1)
Lymph Node, Mandibular	(27)	(25)	(27)	(26)
Lymph Node, Mesenteric	(26)	(23)	(26)	(25)
Spleen	(26)	(25)	(27)	(25)
Thymus	(27)	(24)	(27)	(24)
Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach		1 (4%)		
<b>INTEGUMENTARY SYSTEM</b>				
Skin	(27)	(27)	(27)	(27)
Subcutaneous Tissue, Fibrosarcoma				1 (4%)
<b>MUSCULOSKELETAL SYSTEM</b>				
Bone	(1)	(0)	(0)	(0)
Humerus, Osteosarcoma	1 (100%)			
Bone, Femur	(27)	(27)	(27)	(27)
Osteosarcoma	1 (4%)			
Skeletal Muscle	(27)	(27)	(27)	(27)
Diaphragm, Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach		1 (4%)		
<b>NERVOUS SYSTEM</b>				
Brain, Cerebellum	(27)	(27)	(27)	(27)
Brain, Cerebrum	(27)	(27)	(27)	(27)
Olfactory Lobe, Neuroblastoma		1 (4%)		1 (4%)
<b>RESPIRATORY SYSTEM</b>				
Lung	(27)	(27)	(27)	(27)
Alveolar/Bronchiolar Carcinoma		1 (4%)		
Osteosarcoma, Metastatic, Bone, Femur	1 (4%)			
Nose	(27)	(27)	(27)	(25)

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C3B6F1-+/Trp53(tm1Brd) NCTR MICE MALE	Vehicle 9 mo M	AZT 40 9 mo M	AZT 80 9 mo M	AZT 120 9 mo M
Neuroblastoma, Metastatic, Brain, Cerebrum		1 (4%)		1 (4%)
<b>SPECIAL SENSES SYSTEM</b>				
Harderian Gland Adenoma	(27) 1 (4%)	(27)	(27)	(27)
<b>URINARY SYSTEM</b>				
Kidney Urinary Bladder	(26) (27)	(27) (27)	(27) (27)	(26) (26)
<b>SYSTEMIC LESIONS</b>				
Multiple Organs Lymphoma Malignant	*(27) 1 (4%)	*(27) 2 (7%)	*(27) 1 (4%)	*(27) 1 (4%)

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\* Number of animals with any tissue examined microscopically

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**Tumor Summary for Males**

<b>Total Animals with Primary Neoplasms (b)</b>	8	7	7	12
<b>Total Primary Neoplasms</b>	8	9	7	12
<b>Total Animals with Benign Neoplasms</b>	4	2	6	9
<b>Total Benign Neoplasms</b>	4	2	6	9
<b>Total Animals with Malignant Neoplasms</b>	4	6	1	3
<b>Total Malignant Neoplasms</b>	4	7	1	3
<b>Total Animals with Metastatic Neoplasms</b>	1	2		1
<b>Total Metastatic Neoplasms</b>	1	12		1
<b>Total Animals with Malignant Neoplasms Uncertain Primary Site</b>				
<b>Total Animals with Neoplasms Uncertain-Benign or Malignant</b>				
<b>Total Uncertain Neoplasms</b>				

\*\*\* END OF MALE \*\*\*

\*\*\* END OF REPORT \*\*\*

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors