

**TDMS No.** 20310 - 01  
**Test Type:** 26-39 WEEKS  
**Route:** GAVAGE  
**Species/Strain:** MICE/C3B6F1-+/Trp53(tm1Brd)

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
3'-Azido-3'-deoxythymidine (AZT)  
**CAS Number:** 30516-87-1

**Date Report Requested:** 07/22/2009  
**Time Report Requested:** 11:48:12  
**First Dose M/F:** NA / 11/18/04  
**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 F                      Include 913 AZT 40 9 mo F                      Include 914 AZT 80 9 mo F  
Include 915 AZT 120 9 mo F

**Study Gender:** Female

**TDMSE Version:** 2.1.0

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P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 3'-Azido-3'-deoxythymidine (AIDS)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:12  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

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				
		1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2				
		9	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0	3	3	3	3	3	3	3	8					
		8	5	5	3	3	7	6	6	5	5	4	4	4	2	8	8	5	5	5	5	5	5	9	4	3				
C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
		0	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	3	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	5	5	5				
	ANIMAL ID	0	8	9	9	9	3	5	5	5	5	6	7	7	7	0	1	3	4	1	1	1	1	2	3	4	5	5		
	Vehicle 9 mo F	9	9	0	1	2	3	1	2	3	4	0	6	7	8	0	4	1	6	3	8	9	0	8	0	2	8	4	5	5

**females  
(cont...)**

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Sarcoma	X																																				
Mesentery																																					+
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
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 Lab: NCTR

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
	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2
	9	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0	3	3	3	3	3	8	
	8	5	5	3	3	7	6	6	5	5	4	4	4	2	8	8	5	5	5	5	5	5	9	4	3
<b>C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE</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	0	0
	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	5	5	5
<b>Vehicle 9 mo F</b>	0	8	9	9	3	5	5	5	5	6	7	7	7	0	1	3	4	1	1	1	2	3	4	5	5
	9	9	0	1	2	3	1	2	3	4	0	6	7	8	0	4	1	6	3	8	9	0	8	0	2

females  
(cont...)

Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	+	+	+	+	M	M	+	+	+	M	+	+	+	+	+	M	+	+	+	+	+	+	M	+	+
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+

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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
	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2
	9	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0	3	3	3	3	3	3	8	
	8	5	5	3	3	7	6	6	5	5	4	4	4	2	8	8	5	5	5	5	5	5	9	4	3
<b>C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE</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	
	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	5	5	
<b>Vehicle 9 mo F</b>	0	8	9	9	9	3	5	5	5	5	6	7	7	7	0	1	3	4	1	1	1	2	3	4	
<b>ANIMAL ID</b>	9	9	0	1	2	3	1	2	3	4	0	6	7	8	0	4	1	6	3	8	9	0	8	0	

females  
(cont...)

**GENERAL BODY SYSTEM**  
 NONE

**GENITAL SYSTEM**

Clitoral Gland	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Luteoma												X												
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Vagina	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

**HEMATOPOIETIC SYSTEM**

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma	X																							
Lymph Node																								+
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma	X																							

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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
	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2
	9	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0	3	3	3	3	3	3	8	
	8	5	5	3	3	7	6	6	5	5	4	4	4	2	8	8	5	5	5	5	5	9	4	3	
<b>C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE</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	
	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	5	5	5	5	5	5	5	
<b>Vehicle 9 mo F</b>	0	8	9	9	9	3	5	5	5	5	6	7	7	7	0	1	3	4	1	1	1	2	3	4	
<b>ANIMAL ID</b>	9	9	0	1	2	3	1	2	3	4	0	6	7	8	0	4	1	6	3	8	9	0	8	2	

females  
(cont...)

Lymph Node, Mesenteric Sarcoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spleen Sarcoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thymus	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+

**INTEGUMENTARY SYSTEM**

Mammary Gland	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

**MUSCULOSKELETAL SYSTEM**

Bone, Femur Osteosarcoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	X
Skeletal Muscle Intercostal, Mesothelioma Malignant	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	X	+	+	+	+	+	+

**NERVOUS SYSTEM**

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	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		
	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2		
	9	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0	3	3	3	3	3	8		
	8	5	5	3	3	7	6	6	5	5	4	4	4	2	8	8	5	5	5	5	5	5	9	4	3	
<b>C3B6F1-+/TRP53(TM1BRD) NCTR</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		
<b>MICE FEMALE</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		
	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	5	5		
<b>Vehicle 9 mo F</b>	0	8	9	9	9	3	5	5	5	5	6	7	7	7	0	1	3	4	1	1	1	2	3	4	5	<b>females (cont...)</b>
	9	9	0	1	2	3	1	2	3	4	0	6	7	8	0	4	1	6	3	8	9	0	8	0	2	

Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma	X																								
Peripheral Nerve	+																								+
Spinal Cord	+																								

**RESPIRATORY SYSTEM**

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mesothelioma Malignant																									X
Mediastinum, Sarcoma	X																								
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma	X																								
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

**SPECIAL SENSES SYSTEM**

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DAY ON TEST	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2
	9	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0	3	3	3	3	3	3	8	
	8	5	5	3	3	7	6	6	5	5	4	4	4	2	8	8	5	5	5	5	5	5	9	4	3	
<b>C3B6F1-+/TRP53(TM1BRD) NCTR</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	
<b>MICE FEMALE</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	
	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	5	5	5	
<b>Vehicle 9 mo F</b>	9	8	9	9	9	3	5	5	5	5	6	7	7	7	0	1	3	4	1	1	1	1	2	3	4	
<b>ANIMAL ID</b>	9	9	0	1	2	3	1	2	3	4	0	6	7	8	0	4	1	6	3	8	9	0	8	0	2	
																									<b>females (cont...)</b>	

Eye + + + + + + + + + + + + + + + + + A + + + + + + +

Harderian Gland +

**URINARY SYSTEM**

Kidney +

Urinary Bladder +

**SYSTEMIC LESIONS**

Multiple Organ +

Mesothelioma Malignant X

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DAY ON TEST	0 3 3 6	
<b>C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE</b>	0 0 6 3	
<b>Vehicle 9 mo F</b>	ANIMAL ID 2	<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Esophagus	+	26
Gallbladder	+	25
Intestine Large, Cecum	+	25
Intestine Large, Colon	+	26
Intestine Large, Rectum	+	25
Intestine Small, Duodenum	+	26
Intestine Small, Ileum	+	25
Intestine Small, Jejunum	+	25
Liver	+	26
Sarcoma		1
Mesentery		1
Pancreas	+	26

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 3'-Azido-3'-deoxythymidine (AIDS)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:12  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

DAY ON TEST			
		0	
		3	
		3	
		6	
.....			
<b>C3B6F1-+/TRP53(TM1BRD) NCTR</b>		0	
<b>MICE FEMALE</b>		0	
		6	
<b>Vehicle 9 mo F</b>	<b>ANIMAL ID</b>	3	
		2	<b>* TOTALS</b>
Salivary Glands	+		<b>26</b>
.....			
Stomach, Forestomach	+		<b>26</b>
.....			
Stomach, Glandular	+		<b>25</b>
.....			
<b>CARDIOVASCULAR SYSTEM</b>			
.....			
Blood Vessel	+		<b>26</b>
.....			
Heart	+		<b>26</b>
.....			
<b>ENDOCRINE SYSTEM</b>			
.....			
Adrenal Cortex	+		<b>26</b>
.....			
Adrenal Medulla	+		<b>25</b>
.....			
Islets, Pancreatic	+		<b>26</b>
.....			
Parathyroid Gland	+		<b>21</b>
.....			
Pituitary Gland	+		<b>26</b>
.....			
Thyroid Gland	+		<b>25</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

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
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 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

DAY ON TEST	0 3 3 6	
C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE	0 0 6 3	
Vehicle 9 mo F	ANIMAL ID 2	<b>* TOTALS</b>

**GENERAL BODY SYSTEM**  
 NONE

**GENITAL SYSTEM**

Clitoral Gland	+	25
Ovary	+	26
Luteoma		1
Uterus	+	26
Vagina	+	25

**HEMATOPOIETIC SYSTEM**

Bone Marrow	+	26
Sarcoma		1
Lymph Node		1
Lymph Node, Mandibular	+	26
Sarcoma		1

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 BLANK .. Not examined microscopically

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DAY ON TEST		
		0
		3
		3
		6
<hr/>		
<b>C3B6F1-+/TRP53(TM1BRD) NCTR</b>		0
<b>MICE FEMALE</b>		0
		6
<b>Vehicle 9 mo F</b>	<b>ANIMAL ID</b>	3
		2
		<b>* TOTALS</b>

Lymph Node, Mesenteric	+	<b>26</b>
Sarcoma		<b>1</b>
Spleen	+	<b>26</b>
Sarcoma		<b>1</b>
Thymus	+	<b>24</b>

**INTEGUMENTARY SYSTEM**

Mammary Gland	+	<b>25</b>
Skin	+	<b>26</b>

**MUSCULOSKELETAL SYSTEM**

Bone, Femur	+	<b>26</b>
Osteosarcoma		<b>1</b>
Skeletal Muscle	+	<b>26</b>
Intercostal, Mesothelioma Malignant		<b>1</b>

**NERVOUS SYSTEM**

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TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:12  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

DAY ON TEST		
		0
		3
		3
		6
<hr/>		
<b>C3B6F1-+/TRP53(TM1BRD) NCTR</b>		0
<b>MICE FEMALE</b>		0
		6
<b>Vehicle 9 mo F</b>	<b>ANIMAL ID</b>	3
		2
		<b>* TOTALS</b>

Brain, Brain Stem	+	<b>26</b>
Brain, Cerebellum	+	<b>26</b>
Brain, Cerebrum	+	<b>26</b>
Sarcoma		<b>1</b>
Peripheral Nerve		<b>2</b>
Spinal Cord		<b>1</b>

**RESPIRATORY SYSTEM**

Lung	+	<b>26</b>
Mesothelioma Malignant		<b>1</b>
Mediastinum, Sarcoma		<b>1</b>
Nose	+	<b>26</b>
Sarcoma		<b>1</b>
Trachea	+	<b>26</b>

**SPECIAL SENSES SYSTEM**

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TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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DAY ON TEST			
		0	
		3	
		3	
		6	
.....			
<b>C3B6F1-+/TRP53(TM1BRD) NCTR</b>		0	
<b>MICE FEMALE</b>		0	
		6	
<b>Vehicle 9 mo F</b>	<b>ANIMAL ID</b>	3	
		2	<b>* TOTALS</b>
.....			
Eye	+		<b>25</b>
.....			
Harderian Gland	+		<b>26</b>
.....			
<b>URINARY SYSTEM</b>			
.....			
Kidney	+		<b>26</b>
.....			
Urinary Bladder	+		<b>26</b>
.....			
<b>SYSTEMIC LESIONS</b>			
.....			
Multiple Organ	+		<b>26</b>
Mesothelioma Malignant			<b>1</b>

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TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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 3'-Azido-3'-deoxythymidine (AZT)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:12  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

DAY ON TEST	0 3 3 4	0 3 3 4	0 3 3 3	0 3 3 3	0 3 3 1	0 3 3 1	0 3 3 5	0 3 3 5	0 3 3 3	0 3 3 3	0 3 3 8	0 3 3 5	0 3 3 5	0 3 3 6	0 3 3 6	0 3 3 4	0 3 3 5	0 3 3 5	0 3 3 3	0 3 3 3	0 3 3 3	0 3 3 6	0 3 3 6	0 3 3 6	0 3 3 3		
<b>C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE</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
<b>AZT 40 9 mo F</b>	0	0	3	3	3	3	3	3	3	3	3	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5
ANIMAL ID	0	0	0	0	0	1	2	3	4	5	6	3	4	3	2	3	4	5	8	0	0	0	2	4	4	4	8

females  
(cont...)

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum Histiocytic Sarcoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	X	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon Histiocytic Sarcoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum Histiocytic Sarcoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	X	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver Histiocytic Sarcoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	X	+	+	+	+	+	+	+	+	+	+	+
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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 Lab: NCTR

DAY ON TEST	ANIMAL ID																								females (cont...)	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	0	3	3	3	3	3	3	3	3	0	
3	3	3	3	3	3	3	3	3	3	3	3	3	3	9	2	4	3	3	3	3	3	3	3	3	0	
4	4	3	3	1	1	5	5	3	3	8	5	5	6	6	4	5	5	5	3	3	6	6	6	3	0	
<hr/>																										
C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AZT 40 9 mo F	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	
	0	0	0	0	0	1	2	6	6	0	2	3	4	5	8	0	0	0	0	2	4	4	4	4	4	
	0	1	2	3	4	7	5	6	3	4	3	9	0	5	1	3	5	6	7	8	9	4	5	6	8	8

Histiocytic Sarcoma																									X
Salivary Glands	+ +																								
Stomach, Forestomach	+ +																								
Squamous Cell Papilloma																									X
Stomach, Glandular	+ +																								

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+ +																							
Heart	+ +																							

**ENDOCRINE SYSTEM**

Adrenal Cortex	+ +																							
Adrenal Medulla	+ +																							
Islets, Pancreatic	+ +																							
Parathyroid Gland	+ + + + + + + + + + M M M + + + + + M M + + + + + + + +																							

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 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

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

---

C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	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	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5
	0	0	0	0	1	2	2	6	6	0	2	3	4	5	8	0	0	0	2	4	4	4	4	4	
	0	1	2	3	4	7	5	6	3	4	3	9	0	5	1	3	5	6	7	8	9	4	5	6	8

**females (cont...)**

Pituitary Gland

+ +

Thyroid Gland

+ +

**GENERAL BODY SYSTEM**

Tissue NOS

+

Thoracic, Osteosarcoma

X

**GENITAL SYSTEM**

Clitoral Gland

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

Ovary

+ +

Histiocytic Sarcoma

X

Uterus

+ +

Histiocytic Sarcoma

X

Endometrium, Polyp Stromal

X

Vagina

+ +

**HEMATOPOIETIC SYSTEM**

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|                                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                              |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------------------------------|
|                                    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                            |
| DAY ON TEST                        | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3                            |
|                                    | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | 2 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3                            |
|                                    | 4 | 4 | 3 | 3 | 1 | 1 | 5 | 5 | 3 | 3 | 8 | 5 | 5 | 6 | 6 | 4 | 5 | 5 | 5 | 3 | 3 | 6 | 6 | 6 | 3 |                              |
| <b>C3B6F1-+/TRP53(TM1BRD) NCTR</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                            |
| <b>MICE FEMALE</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                            |
|                                    | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5                            |
| ANIMAL ID                          | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 6 | 6 | 0 | 2 | 3 | 4 | 5 | 8 | 0 | 0 | 0 | 0 | 2 | 4 | 4 | 4 | 4 |                              |
| <b>AZT 40 9 mo F</b>               | 0 | 1 | 2 | 3 | 4 | 7 | 5 | 6 | 3 | 4 | 3 | 9 | 0 | 5 | 1 | 3 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 8 | <b>females<br/>(cont...)</b> |

|                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow                 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma         |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |
| Lymph Node                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | + |   |   |   |   |   |   |   |   |   |   |
| Lumbar, Histiocytic Sarcoma |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |
| Lymph Node, Mandibular      | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma         |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |
| Lymph Node, Mesenteric      | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma         |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |
| Spleen                      | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma         |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |
| Thymus                      | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma         |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |

**INTEGUMENTARY SYSTEM**

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

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

M .. Missing tissue  
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TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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 3'-Azido-3'-deoxythymidine (AZT)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:12  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

|                                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
|                                    | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 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 | 9 | 2 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|                                    | 4 | 4 | 3 | 3 | 1 | 1 | 5 | 5 | 3 | 3 | 8 | 5 | 5 | 6 | 6 | 4 | 5 | 5 | 5 | 3 | 3 | 6 | 6 | 6 | 6 | 6 | 3 | 3 |
| <b>C3B6F1-+/TRP53(TM1BRD) NCTR</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 |
| <b>MICE FEMALE</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 |
| <b>AZT 40 9 mo F</b>               | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| <b>ANIMAL ID</b>                   | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 6 | 6 | 0 | 2 | 3 | 4 | 5 | 8 | 0 | 0 | 0 | 0 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
|                                    | 0 | 1 | 2 | 3 | 4 | 7 | 5 | 6 | 3 | 4 | 3 | 9 | 0 | 5 | 1 | 3 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 8 | 8 | 8 | 8 |

females  
(cont...)

**MUSCULOSKELETAL SYSTEM**

|                   |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
|-------------------|-------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| Bone              | ..... |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| Rib, Osteosarcoma | ..... |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | + |
| Bone, Femur       | ..... |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X |
| Skeletal Muscle   | ..... |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |

**NERVOUS SYSTEM**

|                   |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------------|-------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Brain, Brain Stem | ..... |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Brain, Cerebellum | ..... |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Brain, Cerebrum   | ..... |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**RESPIRATORY SYSTEM**

|                              |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
|------------------------------|-------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| Lung                         | ..... |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| Alveolar/Bronchiolar Adenoma | ..... |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X |
| Histiocytic Sarcoma          | ..... |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X |
| Nose                         | ..... |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |

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

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

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 3'-Azido-3'-deoxythymidine (AZT)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:12  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

| 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 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|                                    | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | 2 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|                                    | 4 | 4 | 3 | 3 | 1 | 1 | 5 | 5 | 3 | 3 | 8 | 5 | 5 | 6 | 6 | 4 | 5 | 5 | 5 | 3 | 3 | 6 | 6 | 6 | 3 |
| <b>C3B6F1-+/TRP53(TM1BRD) NCTR</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 |
| <b>MICE FEMALE</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 |
| <b>AZT 40 9 mo F</b>               | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| <b>ANIMAL ID</b>                   | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 6 | 6 | 0 | 2 | 3 | 4 | 5 | 8 | 0 | 0 | 0 | 0 | 2 | 4 | 4 | 4 | 4 |
|                                    | 0 | 1 | 2 | 3 | 4 | 7 | 5 | 6 | 3 | 4 | 3 | 9 | 0 | 5 | 1 | 3 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 8 |

females  
(cont...)

Trachea +

**SPECIAL SENSES SYSTEM**

Eye + + + + + + + + + + + + + + A + A + + + + + + + + + +

Harderian Gland +

**URINARY SYSTEM**

Kidney +

Renal Tubule, Adenoma X

Urinary Bladder +

**SYSTEMIC LESIONS**

Multiple Organ +

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

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 3'-Azido-3'-deoxythymidine (AZT)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:12  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

|  |   |   |                 |
|--|---|---|-----------------|
| DAY ON TEST                                | 0 | 0 |                 |
|  | 3 | 3 |                 |
|  | 3 | 2 |                 |
|  | 5 | 6 |                 |
| .....                                      |   |   |                 |
| C3B6F1-+/TRP53(TM1BRD) NCTR<br>MICE FEMALE | 0 | 0 |                 |
|  | 0 | 0 |                 |
|  | 5 | 6 |                 |
| ANIMAL ID                                  | 5 | 7 |                 |
| AZT 40 9 mo F                              | 0 | 3 |                 |
|  |   |   | <b>* TOTALS</b> |

**ALIMENTARY SYSTEM**

|                           |   |   |           |
|---------------------------|---|---|-----------|
| Esophagus                 | + | + | <b>27</b> |
| Gallbladder               | + | + | <b>26</b> |
| Intestine Large, Cecum    | + | + | <b>27</b> |
| Histiocytic Sarcoma       |   |   | <b>1</b>  |
| Intestine Large, Colon    | + | + | <b>26</b> |
| Histiocytic Sarcoma       |   |   | <b>1</b>  |
| Intestine Large, Rectum   | + | + | <b>27</b> |
| Intestine Small, Duodenum | + | + | <b>27</b> |
| Intestine Small, Ileum    | + | + | <b>27</b> |
| Histiocytic Sarcoma       |   |   | <b>1</b>  |
| Intestine Small, Jejunum  | + | + | <b>27</b> |
| Liver                     | + | + | <b>27</b> |
| Histiocytic Sarcoma       |   |   | <b>1</b>  |
| Pancreas                  | + | + | <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

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
 3'-Azido-3'-deoxythymidine (AZT)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:12  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

|  |   |   |                 |
|--|---|---|-----------------|
| DAY ON TEST  | 0 | 0 |                 |
|  | 3 | 3 |                 |
|  | 3 | 2 |                 |
|  | 5 | 6 |                 |
| .....  |   |   |                 |
| <b>C3B6F1-+/TRP53(TM1BRD) NCTR<br/>MICE FEMALE</b> | 0 | 0 |                 |
|  | 0 | 0 |                 |
|  | 5 | 6 |                 |
| ANIMAL ID  | 5 | 7 |                 |
| <b>AZT 40 9 mo F</b>                               | 0 | 3 |                 |
|  |   |   | <b>* TOTALS</b> |

|                         |   |   |           |
|-------------------------|---|---|-----------|
| Histiocytic Sarcoma     |   |   | <b>1</b>  |
| Salivary Glands         | + | + | <b>27</b> |
| Stomach, Forestomach    | + | + | <b>27</b> |
| Squamous Cell Papilloma |   |   | <b>1</b>  |
| Stomach, Glandular      | + | + | <b>27</b> |

**CARDIOVASCULAR SYSTEM**

|              |   |   |           |
|--------------|---|---|-----------|
| Blood Vessel | + | + | <b>27</b> |
| Heart        | + | + | <b>27</b> |

**ENDOCRINE SYSTEM**

|                    |   |   |           |
|--------------------|---|---|-----------|
| Adrenal Cortex     | + | + | <b>27</b> |
| Adrenal Medulla    | + | + | <b>27</b> |
| Islets, Pancreatic | + | + | <b>27</b> |
| Parathyroid Gland  | + | + | <b>22</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

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 3'-Azido-3'-deoxythymidine (AZT)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:12  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

| DAY ON TEST  | 0 | 3 | 5 | 6 |                 |
|--|---|---|---|---|-----------------|
|  | 0 | 3 | 3 | 2 | 6               |
| <hr/>  |   |   |   |   |                 |
| <b>C3B6F1-+/TRP53(TM1BRD) NCTR<br/>MICE FEMALE</b> | 0 | 0 | 0 | 0 | 0               |
| <b>AZT 40 9 mo F</b>                               | 5 | 6 | 5 | 7 | 3               |
| <b>ANIMAL ID</b>                                   | 0 | 3 |   |   |                 |
|  |   |   |   |   | <b>* TOTALS</b> |

|                 |   |   |  |  |           |
|-----------------|---|---|--|--|-----------|
| Pituitary Gland | + | + |  |  | <b>27</b> |
| Thyroid Gland   | + | + |  |  | <b>27</b> |

**GENERAL BODY SYSTEM**

|                        |  |  |  |  |          |
|------------------------|--|--|--|--|----------|
| Tissue NOS             |  |  |  |  | <b>1</b> |
| Thoracic, Osteosarcoma |  |  |  |  | <b>1</b> |

**GENITAL SYSTEM**

|                            |   |   |  |  |           |
|----------------------------|---|---|--|--|-----------|
| Clitoral Gland             | + | + |  |  | <b>26</b> |
| Ovary                      | + | + |  |  | <b>27</b> |
| Histiocytic Sarcoma        |   |   |  |  | <b>1</b>  |
| Uterus                     | + | + |  |  | <b>27</b> |
| Histiocytic Sarcoma        |   |   |  |  | <b>1</b>  |
| Endometrium, Polyp Stromal |   |   |  |  | <b>1</b>  |
| Vagina                     | + | + |  |  | <b>27</b> |

**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

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
 3'-Azido-3'-deoxythymidine (AZT)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:12  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

| DAY ON TEST                        | 0 | 0 | 3 | 3 | 3 | 2 | 5 | 6               |
|------------------------------------|---|---|---|---|---|---|---|-----------------|
| <b>C3B6F1-+/TRP53(TM1BRD) NCTR</b> | 0 | 0 | 0 | 0 | 5 | 6 | 5 | 7               |
| <b>MICE FEMALE</b>                 | 0 | 0 | 5 | 6 | 5 | 7 | 0 | 3               |
| <b>AZT 40 9 mo F</b>               |   |   |   |   |   |   |   |                 |
|                                    |   |   |   |   |   |   |   | <b>* TOTALS</b> |

|                             |   |   |  |  |  |  |  |           |
|-----------------------------|---|---|--|--|--|--|--|-----------|
| Bone Marrow                 | + | + |  |  |  |  |  | <b>26</b> |
| Histiocytic Sarcoma         |   |   |  |  |  |  |  | <b>1</b>  |
| Lymph Node                  |   |   |  |  |  |  |  | <b>1</b>  |
| Lumbar, Histiocytic Sarcoma |   |   |  |  |  |  |  | <b>1</b>  |
| Lymph Node, Mandibular      | + | + |  |  |  |  |  | <b>27</b> |
| Histiocytic Sarcoma         |   |   |  |  |  |  |  | <b>1</b>  |
| Lymph Node, Mesenteric      | + | + |  |  |  |  |  | <b>26</b> |
| Histiocytic Sarcoma         |   |   |  |  |  |  |  | <b>1</b>  |
| Spleen                      | + | + |  |  |  |  |  | <b>26</b> |
| Histiocytic Sarcoma         |   |   |  |  |  |  |  | <b>1</b>  |
| Thymus                      | + | + |  |  |  |  |  | <b>26</b> |
| Histiocytic Sarcoma         |   |   |  |  |  |  |  | <b>1</b>  |

**INTEGUMENTARY SYSTEM**

|               |   |   |  |  |  |  |  |           |
|---------------|---|---|--|--|--|--|--|-----------|
| Mammary Gland | + | + |  |  |  |  |  | <b>26</b> |
| Skin          | + | + |  |  |  |  |  | <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

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 3'-Azido-3'-deoxythymidine (AZT)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:12  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

|  |   |   |                 |
|--|---|---|-----------------|
| DAY ON TEST                                | 0 | 0 |                 |
|  | 3 | 3 |                 |
|  | 3 | 2 |                 |
|  | 5 | 6 |                 |
| .....                                      |   |   |                 |
| C3B6F1-+/TRP53(TM1BRD) NCTR<br>MICE FEMALE | 0 | 0 |                 |
|  | 0 | 0 |                 |
|  | 5 | 6 |                 |
| ANIMAL ID                                  | 5 | 7 |                 |
| AZT 40 9 mo F                              | 0 | 3 |                 |
|  |   |   | <b>* TOTALS</b> |

**MUSCULOSKELETAL SYSTEM**

|                   |   |   |           |
|-------------------|---|---|-----------|
| Bone              |   |   | <b>1</b>  |
| Rib, Osteosarcoma |   |   | <b>1</b>  |
| .....             |   |   |           |
| Bone, Femur       | + | + | <b>27</b> |
| .....             |   |   |           |
| Skeletal Muscle   | + | + | <b>27</b> |

**NERVOUS SYSTEM**

|                   |   |   |           |
|-------------------|---|---|-----------|
| Brain, Brain Stem | + | + | <b>27</b> |
| .....             |   |   |           |
| Brain, Cerebellum | + | + | <b>27</b> |
| .....             |   |   |           |
| Brain, Cerebrum   | + | + | <b>27</b> |

**RESPIRATORY SYSTEM**

|                              |   |   |           |
|------------------------------|---|---|-----------|
| Lung                         | + | + | <b>27</b> |
| Alveolar/Bronchiolar Adenoma |   |   | <b>1</b>  |
| Histiocytic Sarcoma          |   |   | <b>1</b>  |
| .....                        |   |   |           |
| Nose                         | + | + | <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



TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 3'-Azido-3'-deoxythymidine (AZT)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:12  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

| DAY ON TEST  | 0 | 3 | 5 | 6 |                 |
|--|---|---|---|---|-----------------|
|  | 0 | 3 | 3 | 2 | 6               |
| <hr/>  |   |   |   |   |                 |
| <b>C3B6F1-+/TRP53(TM1BRD) NCTR<br/>MICE FEMALE</b> | 0 | 0 | 0 | 0 | 0               |
| <b>AZT 40 9 mo F</b>                               | 5 | 6 | 7 | 3 |                 |
|  | 0 | 3 |   |   |                 |
|  |   |   |   |   | <b>* TOTALS</b> |

|         |   |   |  |  |           |
|---------|---|---|--|--|-----------|
| Trachea | + | + |  |  | <b>27</b> |
|---------|---|---|--|--|-----------|

**SPECIAL SENSES SYSTEM**

|                 |   |   |  |  |           |
|-----------------|---|---|--|--|-----------|
| Eye             | + | + |  |  | <b>25</b> |
| Harderian Gland | + | + |  |  | <b>27</b> |

**URINARY SYSTEM**

|                       |   |   |  |  |           |
|-----------------------|---|---|--|--|-----------|
| Kidney                | + | + |  |  | <b>27</b> |
| Renal Tubule, Adenoma |   |   |  |  | <b>1</b>  |
| Urinary Bladder       | + | + |  |  | <b>27</b> |

**SYSTEMIC LESIONS**

|                     |   |   |  |  |           |
|---------------------|---|---|--|--|-----------|
| Multiple Organ      | + | + |  |  | <b>27</b> |
| Histiocytic Sarcoma |   |   |  |  | <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

TDMS No. 20310 - 01  
Test Type: 26-39 WEEKS  
Route: GAVAGE  
Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
3'-Azido-3'-deoxythymidine (AIDS)  
CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
Time Report Requested: 11:48:12  
First Dose M/F: NA / 11/18/04  
Lab: NCTR

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| DAY ON TEST                             | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 1 | 3 |   |
|   | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 9 | 3 |   |   |
|   | 4 | 4 | 7 | 7 | 9 | 9 | 6 | 6 | 6 | 5 | 5 | 4 | 4 | 4 | 6 | 6 | 6 | 6 | 6 | 5 | 5 | 6 | 9 | 5 |   |   |
| C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|   | 0 | 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                               | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |   |
| AZT 80 9 mo F                           | 9 | 9 | 1 | 1 | 2 | 3 | 3 | 3 | 4 | 4 | 5 | 8 | 8 | 8 | 0 | 0 | 0 | 0 | 2 | 3 | 3 | 5 | 6 | 3 |   |   |
|   | 6 | 7 | 8 | 9 | 7 | 1 | 8 | 9 | 0 | 1 | 9 | 3 | 4 | 5 | 4 | 5 | 6 | 7 | 8 | 5 | 5 | 6 | 8 | 2 | 2 |   |

females (cont...)

### ALIMENTARY SYSTEM

|                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus                 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | A | + |   |
| Lymphoma Malignant        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |
| Intestine Large, Colon    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Intestine Large, Rectum   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | A | + |
| Intestine Small, Ileum    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | A | + |
| Intestine Small, Jejunum  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | A | + |
| Liver                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Mesentery                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Pancreas                  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

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

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

TDMS No. 20310 - 01  
Test Type: 26-39 WEEKS  
Route: GAVAGE  
Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
3'-Azido-3'-deoxythymidine (AIDS)  
CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
Time Report Requested: 11:48:12  
First Dose M/F: NA / 11/18/04  
Lab: NCTR

|                                    | DAY ON TEST      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | females<br>(cont...) |                  |                  |                  |   |   |
|------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------------------|------------------|------------------|------------------|---|---|
|                                    | 0<br>3<br>3<br>4 | 0<br>3<br>3<br>4 | 0<br>3<br>3<br>7 | 0<br>3<br>3<br>7 | 0<br>3<br>3<br>9 | 0<br>3<br>3<br>9 | 0<br>3<br>3<br>6 | 0<br>3<br>3<br>6 | 0<br>3<br>3<br>6 | 0<br>3<br>3<br>5 | 0<br>3<br>3<br>5 | 0<br>3<br>3<br>4 | 0<br>3<br>3<br>4 | 0<br>3<br>3<br>4 | 0<br>3<br>3<br>6 | 0<br>3<br>3<br>6 | 0<br>3<br>3<br>6 | 0<br>3<br>3<br>6 | 0<br>3<br>3<br>6 | 0<br>3<br>3<br>5 | 0<br>3<br>3<br>5 | 0<br>3<br>3<br>6 | 0<br>3<br>3<br>6 | 0<br>3<br>3<br>5 | 0<br>3<br>3<br>5 |                      | 0<br>3<br>3<br>6 | 0<br>3<br>3<br>8 | 0<br>3<br>3<br>2 |   |   |
| <b>C3B6F1-+/TRP53(TM1BRD) NCTR</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 |
| <b>MICE FEMALE</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 |
| <b>AZT 80 9 mo F</b>               | 2                | 2                | 3                | 3                | 3                | 3                | 3                | 3                | 3                | 3                | 3                | 3                | 3                | 3                | 3                | 3                | 4                | 4                | 4                | 4                | 4                | 4                | 4                | 4                | 4                | 4                    | 4                | 4                | 4                | 5 | 3 |
| <b>ANIMAL ID</b>                   | 9                | 9                | 1                | 1                | 2                | 3                | 3                | 3                | 4                | 4                | 5                | 8                | 8                | 8                | 0                | 0                | 0                | 0                | 0                | 2                | 3                | 3                | 5                | 6                | 6                | 8                    | 8                | 2                | 2                | 2 |   |
| Salivary Glands                    | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                    | +                | +                | +                | + | + |
| Stomach, Forestomach               | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                    | +                | +                | +                | + | + |
| Stomach, Glandular                 | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                    | +                | A                | A                | + | + |
| <b>CARDIOVASCULAR SYSTEM</b>       |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                      |                  |                  |                  |   |   |
| Blood Vessel                       | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                    | +                | +                | +                | + | + |
| Heart                              | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                    | +                | +                | +                | + | + |
| <b>ENDOCRINE SYSTEM</b>            |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                      |                  |                  |                  |   |   |
| Adrenal Cortex                     | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                    | +                | +                | +                | + | + |
| Adenoma                            |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | X                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                      |                  |                  |                  |   |   |
| Adrenal Medulla                    | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                    | +                | +                | +                | + | + |
| Islets, Pancreatic                 | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                    | +                | +                | +                | + | + |
| Parathyroid Gland                  | +                | +                | +                | +                | M                | +                | M                | M                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | M                | +                | M                | +                | +                    | +                | +                | +                | + | + |
| Pituitary 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

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 3'-Azido-3'-deoxythymidine (AZD)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:12  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

| 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 |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 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 | 3 |   |
|  | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 9 | 3 |   |   |
|  | 4 | 4 | 7 | 7 | 9 | 9 | 6 | 6 | 6 | 5 | 5 | 4 | 4 | 4 | 6 | 6 | 6 | 6 | 6 | 5 | 5 | 6 | 9 | 5 |   |   |   |
| <b>C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE</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 | 0 | 0 | 0 | 0 |   |
|  | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |   |
| <b>AZT 80 9 mo F</b>                           | 9 | 9 | 1 | 1 | 2 | 3 | 3 | 3 | 4 | 5 | 8 | 8 | 8 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 3 | 5 | 6 | 3 |   |   |   |
|  | 6 | 7 | 8 | 9 | 7 | 1 | 8 | 9 | 0 | 1 | 9 | 3 | 4 | 5 | 4 | 5 | 6 | 7 | 8 | 5 | 5 | 6 | 8 | 2 | 2 |   |   |
| Thyroid Gland                                  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |

females (cont...)

**GENERAL BODY SYSTEM**  
 NONE

**GENITAL SYSTEM**

|                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Ovary          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Uterus         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Vagina         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

**HEMATOPOIETIC SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow                                  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + |   |
| Lymph Node                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | A |   |
| Lymph Node, Mandibular<br>Lymphoma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymph Node, Mesenteric                       | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 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

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 3'-Azido-3'-deoxythymidine (AZT)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:12  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

| 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 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 1                            | 3 |
| ANIMAL ID  | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 9 | 3                            |   |
|  | 4 | 4 | 7 | 7 | 9 | 9 | 6 | 6 | 6 | 5 | 5 | 4 | 4 | 4 | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 5 | 6 | 9                            | 5 |
| <b>C3B6F1-+/TRP53(TM1BRD) NCTR<br/>MICE FEMALE</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                            |   |
|  | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4                            | 5 |
|  | 9 | 9 | 1 | 1 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 5 | 8 | 8 | 8 | 0 | 0 | 0 | 0 | 2 | 3 | 3 | 5 | 6                            | 3 |
|  | 6 | 7 | 8 | 9 | 7 | 1 | 8 | 9 | 0 | 1 | 9 | 3 | 4 | 5 | 4 | 5 | 6 | 7 | 8 | 5 | 5 | 6 | 8 | 2                            | 2 |
| <b>AZT 80 9 mo F</b>                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>females<br/>(cont...)</b> |   |

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

**INTEGUMENTARY SYSTEM**

|                         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenocarcinoma          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |
| Skin                    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Squamous Cell Carcinoma |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |

**MUSCULOSKELETAL SYSTEM**

|                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone, Femur     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Osteosarcoma    |   | X | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Skeletal Muscle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

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

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

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
 3'-Azido-3'-deoxythymidine (AZT)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:12  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| DAY ON TEST  | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 1 | 3 |   |
|  | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 9 | 3 |   |
|  | 4 | 4 | 7 | 7 | 9 | 9 | 6 | 6 | 6 | 5 | 5 | 4 | 4 | 4 | 6 | 6 | 6 | 6 | 6 | 5 | 5 | 6 | 9 | 5 |   |
| <b>C3B6F1-+/TRP53(TM1BRD) NCTR<br/>MICE FEMALE</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 |   |
| ANIMAL ID  | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |   |
| <b>AZT 80 9 mo F</b>                               | 9 | 9 | 1 | 1 | 2 | 3 | 3 | 3 | 4 | 4 | 5 | 8 | 8 | 8 | 0 | 0 | 0 | 0 | 2 | 3 | 3 | 5 | 6 | 3 |   |
|  | 6 | 7 | 8 | 9 | 7 | 1 | 8 | 9 | 0 | 1 | 9 | 3 | 4 | 5 | 4 | 5 | 6 | 7 | 8 | 5 | 5 | 6 | 8 | 2 |   |

**females  
(cont...)**

**NERVOUS SYSTEM**

|                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebrum   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

**RESPIRATORY SYSTEM**

|                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + |
| Lymphoma Malignant |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |
| Nose               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Osteosarcoma       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |
| Trachea            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + |

**SPECIAL SENSES SYSTEM**

|                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| 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

TDMS No. 20310 - 01

Test Type: 26-39 WEEKS

Route: GAVAGE

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

3'-Azido-3'-deoxythymidine (AZT)

CAS Number: 30516-87-1

Date Report Requested: 07/22/2009

Time Report Requested: 11:48:12

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

Lab: NCTR

| DAY ON TEST | Animals |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | females<br>(cont...) |
|-------------|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------|
|             | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                      |
|             | 3       | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3                    |
|             | 3       | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3                    |
|             | 4       | 4 | 7 | 7 | 9 | 9 | 6 | 6 | 6 | 5 | 5 | 4 | 4 | 4 | 6 | 6 | 6 | 6 | 6 | 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                    |
|             | 2       | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4                    |
|             | 9       | 9 | 1 | 1 | 2 | 3 | 3 | 3 | 4 | 4 | 5 | 8 | 8 | 8 | 0 | 0 | 0 | 0 | 2 | 3 | 3                    |
|             | 6       | 7 | 8 | 9 | 7 | 1 | 8 | 9 | 0 | 1 | 9 | 3 | 4 | 5 | 4 | 5 | 6 | 7 | 8 | 5 | 5                    |

**C3B6F1-+/TRP53(TM1BRD) NCTR**  
**MICE FEMALE**  
**AZT 80 9 mo F**

URINARY SYSTEM

|                 |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-----------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Kidney          | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Ureter          |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Urinary Bladder | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

SYSTEMIC LESIONS

|                    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 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

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 3'-Azido-3'-deoxythymidine (AZT)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:12  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

|  |   |   |                 |
|--|---|---|-----------------|
| DAY ON TEST                                | 0 | 0 |                 |
|  | 3 | 3 |                 |
|  | 3 | 1 |                 |
|  | 5 | 2 |                 |
| .....                                      |   |   |                 |
| C3B6F1-+/TRP53(TM1BRD) NCTR<br>MICE FEMALE | 0 | 0 |                 |
|  | 0 | 0 |                 |
|  | 5 | 6 |                 |
| ANIMAL ID                                  | 3 | 0 |                 |
| AZT 80 9 mo F                              | 3 | 9 |                 |
|  |   |   | <b>* TOTALS</b> |

**ALIMENTARY SYSTEM**

|                           |   |   |    |
|---------------------------|---|---|----|
| Esophagus                 | + | + | 27 |
| Gallbladder               | + | + | 27 |
| Intestine Large, Cecum    | + | + | 25 |
| Lymphoma Malignant        |   |   | 1  |
| Intestine Large, Colon    | + | + | 27 |
| Intestine Large, Rectum   | + | + | 27 |
| Intestine Small, Duodenum | + | + | 25 |
| Intestine Small, Ileum    | + | + | 25 |
| Intestine Small, Jejunum  | + | + | 25 |
| Liver                     | + | + | 27 |
| Mesentery                 |   |   | 1  |
| Pancreas                  | + | + | 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



TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 3'-Azido-3'-deoxythymidine (AZT)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:12  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

| DAY ON TEST                        | 0 | 0 |                 |
|------------------------------------|---|---|-----------------|
|                                    | 3 | 3 |                 |
|                                    | 3 | 1 |                 |
|                                    | 5 | 2 |                 |
| .....                              |   |   |                 |
| <b>C3B6F1-+/TRP53(TM1BRD) NCTR</b> | 0 | 0 |                 |
| <b>MICE FEMALE</b>                 | 0 | 0 |                 |
|                                    | 5 | 6 |                 |
| ANIMAL ID                          | 3 | 0 |                 |
| <b>AZT 80 9 mo F</b>               | 3 | 9 |                 |
|                                    |   |   | <b>* TOTALS</b> |
| Salivary Glands                    | + | M | <b>26</b>       |
| .....                              |   |   |                 |
| Stomach, Forestomach               | + | + | <b>27</b>       |
| .....                              |   |   |                 |
| Stomach, Glandular                 | + | + | <b>25</b>       |
| .....                              |   |   |                 |
| <b>CARDIOVASCULAR SYSTEM</b>       |   |   |                 |
| .....                              |   |   |                 |
| Blood Vessel                       | + | + | <b>27</b>       |
| .....                              |   |   |                 |
| Heart                              | + | + | <b>27</b>       |
| .....                              |   |   |                 |
| <b>ENDOCRINE SYSTEM</b>            |   |   |                 |
| .....                              |   |   |                 |
| Adrenal Cortex                     | + | + | <b>27</b>       |
| Adenoma                            |   |   | <b>1</b>        |
| .....                              |   |   |                 |
| Adrenal Medulla                    | + | + | <b>27</b>       |
| .....                              |   |   |                 |
| Islets, Pancreatic                 | + | + | <b>27</b>       |
| .....                              |   |   |                 |
| Parathyroid Gland                  | + | + | <b>22</b>       |
| .....                              |   |   |                 |
| Pituitary Gland                    | + | + | <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

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 3'-Azido-3'-deoxythymidine (AZT)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:12  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

| DAY ON TEST  | 0 | 0 |                 |
|--|---|---|-----------------|
|  | 3 | 3 |                 |
|  | 3 | 1 |                 |
|  | 5 | 2 |                 |
| .....  |   |   |                 |
| <b>C3B6F1-+/TRP53(TM1BRD) NCTR<br/>MICE FEMALE</b> | 0 | 0 |                 |
|  | 0 | 0 |                 |
|  | 5 | 6 |                 |
| ANIMAL ID  | 3 | 0 |                 |
| <b>AZT 80 9 mo F</b>                               | 3 | 9 |                 |
|  |   |   | <b>* TOTALS</b> |
| Thyroid Gland                                      | + | + | <b>27</b>       |

**GENERAL BODY SYSTEM**  
 NONE

**GENITAL SYSTEM**

|                |   |   |           |
|----------------|---|---|-----------|
| Clitoral Gland | + | + | <b>26</b> |
| Ovary          | + | + | <b>27</b> |
| Uterus         | + | + | <b>27</b> |
| Vagina         | + | + | <b>27</b> |

**HEMATOPOIETIC SYSTEM**

|                        |   |   |           |
|------------------------|---|---|-----------|
| Bone Marrow            | + | + | <b>26</b> |
| Lymph Node             |   |   | <b>0</b>  |
| Lymph Node, Mandibular | + | M | <b>25</b> |
| Lymphoma Malignant     |   |   | <b>1</b>  |
| Lymph Node, Mesenteric | + | + | <b>26</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

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 3'-Azido-3'-deoxythymidine (AZT)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:12  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

| DAY ON TEST                        | 0 | 0 |                 |
|------------------------------------|---|---|-----------------|
|                                    | 3 | 3 |                 |
|                                    | 3 | 1 |                 |
|                                    | 5 | 2 |                 |
| <hr/>                              |   |   |                 |
| <b>C3B6F1-+/TRP53(TM1BRD) NCTR</b> | 0 | 0 |                 |
| <b>MICE FEMALE</b>                 | 0 | 0 |                 |
|                                    | 5 | 6 |                 |
| ANIMAL ID                          | 3 | 0 |                 |
| <b>AZT 80 9 mo F</b>               | 3 | 9 |                 |
|                                    |   |   | <b>* TOTALS</b> |
| Lymphoma Malignant                 |   |   | <b>1</b>        |
| Spleen                             | + | + | <b>27</b>       |
| Lymphoma Malignant                 |   |   | <b>1</b>        |
| Thymus                             | + | M | <b>23</b>       |
| Lymphoma Malignant                 |   |   | <b>1</b>        |
| <hr/>                              |   |   |                 |
| <b>INTEGUMENTARY SYSTEM</b>        |   |   |                 |
| Mammary Gland                      | + | + | <b>27</b>       |
| Adenocarcinoma                     |   | X | <b>2</b>        |
| Skin                               | + | + | <b>27</b>       |
| Squamous Cell Carcinoma            |   |   | <b>1</b>        |
| <hr/>                              |   |   |                 |
| <b>MUSCULOSKELETAL SYSTEM</b>      |   |   |                 |
| Bone, Femur                        | + | + | <b>27</b>       |
| Osteosarcoma                       |   |   | <b>2</b>        |
| Skeletal Muscle                    | + | + | <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

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 3'-Azido-3'-deoxythymidine (AZT)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:12  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

|  |   |   |                 |
|--|---|---|-----------------|
| DAY ON TEST                                | 0 | 0 |                 |
|  | 3 | 3 |                 |
|  | 3 | 1 |                 |
|  | 5 | 2 |                 |
| .....                                      |   |   |                 |
| C3B6F1-+/TRP53(TM1BRD) NCTR<br>MICE FEMALE | 0 | 0 |                 |
|  | 0 | 0 |                 |
|  | 5 | 6 |                 |
| ANIMAL ID                                  | 3 | 0 |                 |
| AZT 80 9 mo F                              | 3 | 9 |                 |
|  |   |   | <b>* TOTALS</b> |

**NERVOUS SYSTEM**

|                   |   |   |    |
|-------------------|---|---|----|
| Brain, Brain Stem | + | + | 27 |
| Brain, Cerebellum | + | + | 27 |
| Brain, Cerebrum   | + | + | 27 |

**RESPIRATORY SYSTEM**

|                    |   |   |    |
|--------------------|---|---|----|
| Lung               | + | + | 26 |
| Lymphoma Malignant |   |   | 1  |
| Nose               | + | + | 27 |
| Osteosarcoma       |   |   | 1  |
| Trachea            | + | + | 26 |

**SPECIAL SENSES SYSTEM**

|                 |   |   |    |
|-----------------|---|---|----|
| Eye             | + | + | 26 |
| Harderian Gland | + | + | 27 |
| Adenoma         |   |   | 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

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
 3'-Azido-3'-deoxythymidine (AZT)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:12  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

|                                    |   |   |                 |
|------------------------------------|---|---|-----------------|
| DAY ON TEST                        | 0 | 0 |                 |
|                                    | 3 | 3 |                 |
|                                    | 3 | 1 |                 |
|                                    | 5 | 2 |                 |
| .....                              |   |   |                 |
| <b>C3B6F1-+/TRP53(TM1BRD) NCTR</b> | 0 | 0 |                 |
| <b>MICE FEMALE</b>                 | 0 | 0 |                 |
|                                    | 5 | 6 |                 |
| ANIMAL ID                          | 3 | 0 |                 |
| <b>AZT 80 9 mo F</b>               | 3 | 9 | <b>* TOTALS</b> |

**URINARY SYSTEM**

|                 |   |   |           |
|-----------------|---|---|-----------|
| Kidney          | + | + | <b>27</b> |
| Ureter          |   |   | <b>1</b>  |
| Urinary Bladder | + | + | <b>27</b> |

**SYSTEMIC LESIONS**

|                    |   |   |           |
|--------------------|---|---|-----------|
| Multiple Organ     | + | + | <b>27</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

TDMS No. 20310 - 01  
Test Type: 26-39 WEEKS  
Route: GAVAGE  
Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
3'-Azido-3'-deoxythymidine (AIDS)  
CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
Time Report Requested: 11:48:12  
First Dose M/F: NA / 11/18/04  
Lab: NCTR

| 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 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | 0 | 3 | 3 | 3 | 3 | 3 | 3 |
|  | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 8 | 0 | 0 | 5 | 6 | 3 | 3 | 3 | 3 | 3 | 3 |
|  | 4 | 2 | 9 | 6 | 6 | 5 | 5 | 5 | 5 | 4 | 4 | 3 | 8 | 6 | 6 | 8 | 1 | 7 | 5 | 4 | 5 | 5 | 5 | 4 | 2 |
| <b>C3B6F1-+/TRP53(TM1BRD) NCTR<br/>MICE FEMALE</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 | 0 | 0 |
|  | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 |
| ANIMAL ID  | 1 | 1 | 2 | 4 | 4 | 4 | 6 | 7 | 7 | 7 | 7 | 8 | 1 | 1 | 2 | 4 | 4 | 5 | 9 | 2 | 2 | 2 | 2 | 5 |   |
| <b>AZT 120 9 mo F</b>                              | 0 | 1 | 9 | 5 | 6 | 7 | 9 | 0 | 1 | 2 | 3 | 7 | 8 | 9 | 0 | 7 | 8 | 9 | 3 | 7 | 5 | 6 | 7 | 8 | 4 |

females  
(cont...)

**ALIMENTARY SYSTEM**

|                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus                 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + |
| Intestine Large, Cecum    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | A | + | + | + | + | + | + | + |
| Lymphoma Malignant        |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Intestine Large, Colon    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + |
| Intestine Large, Rectum   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + |
| Intestine Small, Ileum    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + |
| Intestine Small, Jejunum  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + |
| Lymphoma Malignant        |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Liver                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |
| Mesentery                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | + |

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

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

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 3'-Azido-3'-deoxythymidine (AZT)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:12  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

| 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 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | 0 | 3 | 3 | 3 | 3 | 3                            |
|  | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 8 | 0 | 0 | 5 | 6 | 3 | 3 | 3 | 3 | 3                            |
|  | 4 | 2 | 9 | 6 | 6 | 5 | 5 | 5 | 5 | 4 | 4 | 3 | 8 | 6 | 6 | 8 | 1 | 7 | 5 | 4 | 5 | 5 | 5 | 4 | 2                            |
| <b>C3B6F1-+/TRP53(TM1BRD) NCTR<br/>MICE FEMALE</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 | 0 | 0                            |
|  | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5                            |
| <b>AZT 120 9 mo F</b>                              | 0 | 1 | 9 | 5 | 6 | 7 | 9 | 0 | 1 | 2 | 3 | 7 | 8 | 9 | 0 | 7 | 8 | 9 | 3 | 7 | 5 | 6 | 7 | 8 | 4                            |
| <b>ANIMAL ID</b>                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>females<br/>(cont...)</b> |

|                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pancreas             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Salivary Glands      | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Stomach, Glandular   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + |

**CARDIOVASCULAR SYSTEM**

|              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Heart        | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

**ENDOCRINE SYSTEM**

|                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + |
| Adrenal Medulla    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Parathyroid Gland  | + | + | M | + | + | + | M | + | + | + | + | + | M | M | + | + | M | + | + | + | + | + | + | + | + |

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

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

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
 3'-Azido-3'-deoxythymidine (AZT)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:12  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

| 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 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | 0 | 3 | 3 | 3 | 3 |
|  |                       | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 8 | 0 | 0 | 5 | 6 | 3 | 3 | 3 | 3 |
|  |                       | 4 | 2 | 9 | 6 | 6 | 5 | 5 | 5 | 5 | 4 | 4 | 3 | 8 | 6 | 6 | 8 | 1 | 7 | 5 | 4 | 5 | 5 | 4 |
| <b>C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE</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 |
|  |                       | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 |
|  |                       | 1 | 1 | 2 | 4 | 4 | 4 | 6 | 7 | 7 | 7 | 8 | 1 | 1 | 2 | 4 | 4 | 5 | 9 | 2 | 2 | 2 | 2 | 5 |
|  |                       | 0 | 1 | 9 | 5 | 6 | 7 | 9 | 0 | 1 | 2 | 3 | 7 | 8 | 9 | 0 | 7 | 8 | 9 | 3 | 7 | 5 | 6 | 8 |
|  | <b>AZT 120 9 mo F</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

females  
(cont...)

|                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Pituitary Gland     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
| Histiocytic Sarcoma |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Thyroid Gland       | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + |  |

**GENERAL BODY SYSTEM**

|            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| Tissue NOS |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
|            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | + |

**GENITAL SYSTEM**

|                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Ovary          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + |
| Uterus         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Vagina         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | M | + | + | + | + | + |

**HEMATOPOIETIC SYSTEM**

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



TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
 3'-Azido-3'-deoxythymidine (AZT)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:12  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

|             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | 0 | 3 | 3 | 3 | 3 |
|             | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 8 | 0 | 0 | 5 | 6 | 3 | 3 | 3 | 3 |
|             | 4 | 2 | 9 | 6 | 6 | 5 | 5 | 5 | 5 | 4 | 4 | 3 | 8 | 6 | 6 | 8 | 1 | 7 | 5 | 4 | 5 | 5 | 5 | 4 |

**C3B6F1-+/TRP53(TM1BRD) NCTR  
 MICE FEMALE**

|                                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ANIMAL ID<br><b>AZT 120 9 mo F</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 |
|                                    | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 |
|                                    | 1 | 1 | 2 | 4 | 4 | 4 | 6 | 7 | 7 | 7 | 7 | 8 | 1 | 1 | 2 | 4 | 4 | 5 | 9 | 2 | 2 | 2 | 5 |

females  
(cont...)

|                                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |
|--------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|
| Lymph Node                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | + | + |   |   |   |   |   |   |  |  |  |  |
| Axillary, Lymphoma Malignant   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |  |  |  |  |
| Lumbar, Lymphoma Malignant     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |  |  |  |  |
| Pancreatic, Lymphoma Malignant |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |  |  |  |  |
| Renal, Histiocytic Sarcoma     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |
| Renal, Lymphoma Malignant      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |  |  |  |  |
| .....                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |
| Lymph Node, Mandibular         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |  |  |  |
| Lymphoma Malignant             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |  |  |  |  |
| .....                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |
| Lymph Node, Mesenteric         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |  |  |  |
| Histiocytic Sarcoma            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |
| Lymphoma Malignant             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |  |  |  |  |
| .....                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |
| Spleen                         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |  |  |  |
| Histiocytic Sarcoma            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |
| Lymphoma Malignant             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |  |  |  |  |
| .....                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |
| Thymus                         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |  |  |  |
| Histiocytic Sarcoma            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |
| Lymphoma Malignant             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |  |  |  |  |

**INTEGUMENTARY 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

TDMS No. 20310 - 01  
Test Type: 26-39 WEEKS  
Route: GAVAGE  
Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
3'-Azido-3'-deoxythymidine (AZT)  
CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
Time Report Requested: 11:48:12  
First Dose M/F: NA / 11/18/04  
Lab: NCTR

|                                    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DAY ON TEST                        | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | 0 | 3 | 3 | 3 | 3 |
|                                    | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 8 | 0 | 0 | 5 | 6 | 3 | 3 | 3 | 3 |
|                                    | 4 | 2 | 9 | 6 | 6 | 5 | 5 | 5 | 5 | 4 | 4 | 3 | 8 | 6 | 6 | 8 | 1 | 7 | 5 | 4 | 5 | 5 | 5 | 4 |
| <b>C3B6F1-+/TRP53(TM1BRD) NCTR</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 |
| <b>MICE FEMALE</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 |
|                                    | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 |
| ANIMAL ID                          | 1 | 1 | 2 | 4 | 4 | 4 | 6 | 7 | 7 | 7 | 7 | 8 | 1 | 1 | 2 | 4 | 4 | 5 | 9 | 2 | 2 | 2 | 5 |   |
| <b>AZT 120 9 mo F</b>              | 0 | 1 | 9 | 5 | 6 | 7 | 9 | 0 | 1 | 2 | 3 | 7 | 8 | 9 | 0 | 7 | 8 | 9 | 3 | 7 | 5 | 6 | 7 | 8 |
| Mammary Gland                      | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenocarcinoma                     |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Skin                               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Fibrosarcoma                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |
| <b>MUSCULOSKELETAL SYSTEM</b>      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Bone                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Cranium, Osteoma                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | + |
| Bone, Femur                        | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Osteosarcoma                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |
| Skeletal Muscle                    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| <b>NERVOUS SYSTEM</b>              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Brain, Brain Stem                  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebellum                  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebrum                    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

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

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

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
 3'-Azido-3'-deoxythymidine (AZD)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:12  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

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

---

| C3B6F1-+/TRP53(TM1BRD) NCTR<br>MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 0 | 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 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 |
| ANIMAL ID                                  | 1 | 1 | 2 | 4 | 4 | 4 | 6 | 7 | 7 | 7 | 7 | 8 | 1 | 1 | 2 | 4 | 4 | 5 | 9 | 2 | 2 | 2 | 2 | 5 |   |

**AZT 120 9 mo F**

**females  
(cont...)**

**RESPIRATORY SYSTEM**

|                                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung                                  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymphoma Malignant                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |
| Osteosarcoma, Metastatic, Bone, Femur |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |
| Nose                                  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Trachea                               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

**SPECIAL SENSES SYSTEM**

|                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | A | + | + | + | + | + | + |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + |

**URINARY SYSTEM**

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

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 3'-Azido-3'-deoxythymidine (AZT)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:12  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

| DAY ON TEST  | 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 |                      |   |
| 3  | 3         | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0                    |   |
| 3  | 3         | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 8 | 0 | 0 | 5 | 6 | 3 | 3 | 3                    | 3 |
| 4  | 2         | 9 | 6 | 6 | 5 | 5 | 5 | 5 | 4 | 4 | 3 | 8 | 6 | 6 | 8 | 1 | 7 | 5 | 4 | 5 | 5 | 5 | 4 | 2 | 3                    |   |
| <hr/>  |           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                      |   |
| C3B6F1-+/TRP53(TM1BRD) NCTR<br>MICE FEMALE<br>AZT 120 9 mo F | 0         | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                    |   |
|  | 0         | 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 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5                    |   |
|  | 1         | 1 | 2 | 4 | 4 | 4 | 6 | 7 | 7 | 7 | 7 | 8 | 1 | 1 | 2 | 4 | 4 | 5 | 9 | 2 | 2 | 2 | 2 | 5 | 5                    |   |
| ANIMAL ID  | 0         | 1 | 9 | 5 | 6 | 7 | 9 | 0 | 1 | 2 | 3 | 7 | 8 | 9 | 0 | 7 | 8 | 9 | 3 | 7 | 5 | 6 | 7 | 8 | 4                    |   |
| Urinary Bladder  | +         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | +                    |   |

**SYSTEMIC LESIONS**

|                     | ANIMAL ID |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Multiple Organ      | +         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma |           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 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

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 3'-Azido-3'-deoxythymidine (AIDS)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:12  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

|  |   |   |                 |
|--|---|---|-----------------|
| DAY ON TEST                                | 0 | 0 |                 |
|  | 3 | 2 |                 |
|  | 3 | 9 |                 |
|  | 2 | 2 |                 |
| .....                                      |   |   |                 |
| C3B6F1-+/TRP53(TM1BRD) NCTR<br>MICE FEMALE | 0 | 0 |                 |
|  | 0 | 0 |                 |
|  | 5 | 6 |                 |
| ANIMAL ID                                  | 5 | 7 |                 |
| AZT 120 9 mo F                             | 5 | 4 |                 |
|  |   |   | <b>* TOTALS</b> |

**ALIMENTARY SYSTEM**

|                           |   |   |    |
|---------------------------|---|---|----|
| Esophagus                 | + | + | 27 |
| Gallbladder               | + | A | 25 |
| Intestine Large, Cecum    | + | A | 24 |
| Lymphoma Malignant        |   |   | 1  |
| Intestine Large, Colon    | + | A | 25 |
| Intestine Large, Rectum   | + | A | 25 |
| Intestine Small, Duodenum | + | A | 25 |
| Intestine Small, Ileum    | + | A | 25 |
| Intestine Small, Jejunum  | + | A | 25 |
| Lymphoma Malignant        |   |   | 1  |
| Liver                     | + | + | 27 |
| Histiocytic Sarcoma       |   | X | 1  |
| Lymphoma Malignant        |   |   | 1  |
| Mesentery                 |   |   | 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

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 3'-Azido-3'-deoxythymidine (AIDS)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:12  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

| DAY ON TEST  | 0 | 0 |                 |
|--|---|---|-----------------|
|  | 3 | 2 |                 |
|  | 3 | 9 |                 |
|  | 2 | 2 |                 |
| .....  |   |   |                 |
| <b>C3B6F1-+/TRP53(TM1BRD) NCTR<br/>MICE FEMALE</b> | 0 | 0 |                 |
|  | 0 | 0 |                 |
|  | 5 | 6 |                 |
| ANIMAL ID  | 5 | 7 |                 |
| <b>AZT 120 9 mo F</b>                              | 5 | 4 |                 |
|  |   |   | <b>* TOTALS</b> |

|                      |   |   |           |
|----------------------|---|---|-----------|
| Pancreas             | + | A | <b>26</b> |
| Salivary Glands      | + | + | <b>27</b> |
| Stomach, Forestomach | + | + | <b>27</b> |
| Stomach, Glandular   | + | A | <b>25</b> |

**CARDIOVASCULAR SYSTEM**

|              |   |   |           |
|--------------|---|---|-----------|
| Blood Vessel | + | + | <b>27</b> |
| Heart        | + | A | <b>26</b> |

**ENDOCRINE SYSTEM**

|                    |   |   |           |
|--------------------|---|---|-----------|
| Adrenal Cortex     | + | + | <b>26</b> |
| Adrenal Medulla    | + | + | <b>26</b> |
| Islets, Pancreatic | + | + | <b>27</b> |
| Parathyroid Gland  | + | + | <b>22</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

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 3'-Azido-3'-deoxythymidine (AZT)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:12  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

| DAY ON TEST  |   |   |                 |
|--|---|---|-----------------|
|  | 0 | 0 |                 |
|  | 3 | 2 |                 |
|  | 3 | 9 |                 |
|  | 2 | 2 |                 |
| .....  |   |   |                 |
| <b>C3B6F1-+/TRP53(TM1BRD) NCTR<br/>MICE FEMALE</b> | 0 | 0 |                 |
|  | 0 | 0 |                 |
|  | 5 | 6 |                 |
| ANIMAL ID  | 5 | 7 |                 |
| <b>AZT 120 9 mo F</b>                              | 5 | 4 |                 |
|  |   |   | <b>* TOTALS</b> |
| Pituitary Gland                                    | + | + | <b>27</b>       |
| Histiocytic Sarcoma                                |   | X | <b>1</b>        |
| .....  |   |   |                 |
| Thyroid Gland                                      | + | + | <b>26</b>       |
| .....  |   |   |                 |
| <b>GENERAL BODY SYSTEM</b>                         |   |   |                 |
| .....  |   |   |                 |
| Tissue NOS   |   |   | <b>1</b>        |
| .....  |   |   |                 |
| <b>GENITAL SYSTEM</b>                              |   |   |                 |
| .....  |   |   |                 |
| Clitoral Gland                                     | + | + | <b>27</b>       |
| .....  |   |   |                 |
| Ovary  | + | + | <b>26</b>       |
| .....  |   |   |                 |
| Uterus   | + | + | <b>27</b>       |
| .....  |   |   |                 |
| Vagina   | + | A | <b>24</b>       |
| .....  |   |   |                 |
| <b>HEMATOPOIETIC SYSTEM</b>                        |   |   |                 |
| .....  |   |   |                 |
| Bone Marrow  | + | + | <b>26</b>       |
| Histiocytic Sarcoma                                |   | 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

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 3'-Azido-3'-deoxythymidine (AIDS)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:12  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

| DAY ON TEST                        | 0 | 0   |                 |
|------------------------------------|---|-----|-----------------|
|                                    | 3 | 2   |                 |
|                                    | 3 | 9   |                 |
|                                    | 2 | 2   |                 |
| .....                              |   |     |                 |
| <b>C3B6F1-+/TRP53(TM1BRD) NCTR</b> | 0 | 0   |                 |
| <b>MICE FEMALE</b>                 | 0 | 0   |                 |
|                                    | 5 | 6   |                 |
| ANIMAL ID                          | 5 | 7   |                 |
| <b>AZT 120 9 mo F</b>              | 5 | 4   |                 |
|                                    |   |     | <b>* TOTALS</b> |
| Lymph Node                         |   | +   | <b>3</b>        |
| Axillary, Lymphoma Malignant       |   |     | <b>1</b>        |
| Lumbar, Lymphoma Malignant         |   |     | <b>1</b>        |
| Pancreatic, Lymphoma Malignant     |   |     | <b>1</b>        |
| Renal, Histiocytic Sarcoma         |   | X   | <b>1</b>        |
| Renal, Lymphoma Malignant          |   |     | <b>1</b>        |
| .....                              |   |     |                 |
| Lymph Node, Mandibular             |   | + A | <b>26</b>       |
| Lymphoma Malignant                 |   |     | <b>1</b>        |
| .....                              |   |     |                 |
| Lymph Node, Mesenteric             |   | + + | <b>27</b>       |
| Histiocytic Sarcoma                |   | X   | <b>1</b>        |
| Lymphoma Malignant                 |   |     | <b>2</b>        |
| .....                              |   |     |                 |
| Spleen                             |   | + + | <b>27</b>       |
| Histiocytic Sarcoma                |   | X   | <b>1</b>        |
| Lymphoma Malignant                 |   |     | <b>3</b>        |
| .....                              |   |     |                 |
| Thymus                             |   | + + | <b>27</b>       |
| Histiocytic Sarcoma                |   | X   | <b>1</b>        |
| Lymphoma Malignant                 |   |     | <b>2</b>        |

**INTEGUMENTARY 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



TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 3'-Azido-3'-deoxythymidine (AZT)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:12  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

| DAY ON TEST                        |           | 0 | 0 |                 |
|------------------------------------|-----------|---|---|-----------------|
|                                    |           | 3 | 2 |                 |
|                                    |           | 3 | 9 |                 |
|                                    |           | 2 | 2 |                 |
| .....                              |           |   |   |                 |
| <b>C3B6F1-+/TRP53(TM1BRD) NCTR</b> |           | 0 | 0 |                 |
| <b>MICE FEMALE</b>                 |           | 0 | 0 |                 |
|                                    | ANIMAL ID | 5 | 6 |                 |
|                                    |           | 5 | 7 |                 |
| <b>AZT 120 9 mo F</b>              |           | 5 | 4 |                 |
|                                    |           |   |   | <b>* TOTALS</b> |
| Mammary Gland                      |           | + | + | <b>27</b>       |
| Adenocarcinoma                     |           |   |   | <b>1</b>        |
| .....                              |           |   |   |                 |
| Skin                               |           | + | + | <b>27</b>       |
| Fibrosarcoma                       |           |   |   | <b>1</b>        |
| .....                              |           |   |   |                 |
| <b>MUSCULOSKELETAL SYSTEM</b>      |           |   |   |                 |
| .....                              |           |   |   |                 |
| Bone                               |           |   |   | <b>1</b>        |
| Cranium, Osteoma                   |           |   |   | <b>1</b>        |
| .....                              |           |   |   |                 |
| Bone, Femur                        |           | + | + | <b>27</b>       |
| Osteosarcoma                       |           |   |   | <b>1</b>        |
| .....                              |           |   |   |                 |
| Skeletal Muscle                    |           | + | + | <b>27</b>       |
| .....                              |           |   |   |                 |
| <b>NERVOUS SYSTEM</b>              |           |   |   |                 |
| .....                              |           |   |   |                 |
| Brain, Brain Stem                  |           | + | + | <b>27</b>       |
| .....                              |           |   |   |                 |
| Brain, Cerebellum                  |           | + | + | <b>27</b>       |
| .....                              |           |   |   |                 |
| Brain, Cerebrum                    |           | + | + | <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

TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 3'-Azido-3'-deoxythymidine (AIDS)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:12  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

|  |   |   |                 |
|--|---|---|-----------------|
| DAY ON TEST                                | 0 | 0 |                 |
|  | 3 | 2 |                 |
|  | 3 | 9 |                 |
|  | 2 | 2 |                 |
| .....                                      |   |   |                 |
| C3B6F1-+/TRP53(TM1BRD) NCTR<br>MICE FEMALE | 0 | 0 |                 |
|  | 0 | 0 |                 |
|  | 5 | 6 |                 |
| ANIMAL ID                                  | 5 | 7 |                 |
| AZT 120 9 mo F                             | 5 | 4 |                 |
|  |   |   | <b>* TOTALS</b> |

**RESPIRATORY SYSTEM**

|                                       |   |   |           |
|---------------------------------------|---|---|-----------|
| Lung                                  | + | + | <b>27</b> |
| Histiocytic Sarcoma                   |   | X | <b>1</b>  |
| Lymphoma Malignant                    |   |   | <b>1</b>  |
| Osteosarcoma, Metastatic, Bone, Femur |   |   | <b>1</b>  |
| .....                                 |   |   |           |
| Nose                                  | + | + | <b>27</b> |
| .....                                 |   |   |           |
| Trachea                               | + | + | <b>27</b> |

**SPECIAL SENSES SYSTEM**

|                 |   |   |           |
|-----------------|---|---|-----------|
| Eye             | + | A | <b>24</b> |
| .....           |   |   |           |
| Harderian Gland | + | A | <b>25</b> |

**URINARY SYSTEM**

|                     |   |   |           |
|---------------------|---|---|-----------|
| Kidney              | + | + | <b>27</b> |
| Histiocytic Sarcoma |   | X | <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  
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TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 3'-Azido-3'-deoxythymidine (AIDS)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:48:12  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

| DAY ON TEST                        |   |   |                 |
|------------------------------------|---|---|-----------------|
|                                    | 0 | 0 |                 |
|                                    | 3 | 2 |                 |
|                                    | 3 | 9 |                 |
|                                    | 2 | 2 |                 |
| .....                              |   |   |                 |
| <b>C3B6F1-+/TRP53(TM1BRD) NCTR</b> | 0 | 0 |                 |
| <b>MICE FEMALE</b>                 | 0 | 0 |                 |
|                                    | 5 | 6 |                 |
| ANIMAL ID                          | 5 | 7 |                 |
| <b>AZT 120 9 mo F</b>              | 5 | 4 |                 |
|                                    |   |   | <b>* TOTALS</b> |
| Urinary Bladder                    | + | + | <b>26</b>       |

**SYSTEMIC LESIONS**

|                     |   |   |           |
|---------------------|---|---|-----------|
| Multiple Organ      | + | + | <b>27</b> |
| Histiocytic Sarcoma |   | X | <b>1</b>  |
| Lymphoma Malignant  |   |   | <b>3</b>  |

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

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

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