

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

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
3'-Azido-3'-deoxythymidine (AZT)  
**CAS Number:** 30516-87-1

**Date Report Requested:** 07/22/2009  
**Time Report Requested:** 11:47:55  
**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 612 Vehicle 6 mo F                      Include 615 AZT 120 6 mo F  
**Study Gender:** Female  
**TDMSE Version:** 2.1.0

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**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 3'-Azido-3'-deoxythymidine (AIDS)  
 CAS Number: 30516-87-1

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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	0	0	0
	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	4	3	3	2	2	2	3	3	3	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	3	3	
	5	0	0	8	6	4	1	0	0	9	8	8	6	5	5	9	0	1	0	0	9	9	6	6	1			
<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>Vehicle 6 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	
ANIMAL ID	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	
	7	1	1	1	1	2	3	3	3	3	3	4	5	5	5	5	6	6	7	7	7	8	8	8	8	9	9	
	3	4	5	6	7	2	5	6	7	8	9	9	0	1	2	3	6	8	4	5	6	1	2	3	9			

females  
(cont...)

**ALIMENTARY SYSTEM**

Esophagus	+	M	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	M	+	+	+				
Adventitia, Foreign Body	X																										
Adventitia, Necrosis	2																										
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	M	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Chronic Active						1														1				1			
Tension Lipidosis																											
Vacuolization Cytoplasmic	1																										1
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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 2) Mild 4) Marked  
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 3'-Azido-3'-deoxythymidine (AIDS)  
 CAS Number: 30516-87-1

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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	
DAY ON TEST		0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
DAY ON TEST		4	3	3	2	2	2	3	3	3	2	2	2	2	2	2	3	3	3	3	2	2	2	2	3	
DAY ON TEST		5	0	0	8	6	4	1	0	0	9	8	8	6	5	5	9	0	1	0	0	9	9	6	6	1
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	
ANIMAL ID		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Vehicle 6 mo F		1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	
ANIMAL ID		7	1	1	1	1	2	3	3	3	3	3	4	5	5	5	5	6	6	7	7	8	8	8	9	
Vehicle 6 mo F		3	4	5	6	7	2	5	6	7	8	9	9	0	1	2	3	6	8	4	5	6	1	2	3	9

females  
(cont...)

Salivary Glands Infiltration Cellular, Lymphocyte	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
		1						1	1	1	1	1	2	1	1		1		1	1		1		1	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart Cardiomyopathy Pericardium, Inflammation, Chronic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
																						1			
																						3			

ENDOCRINE SYSTEM

Adrenal Cortex Accessory Adrenal Cortical Nodule Vacuolization Cytoplasmic Subcapsular, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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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	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	4	3	3	2	2	2	3	3	3	2	2	2	2	2	2	3	3	3	3	2	2	2	2	3	
	5	0	0	8	6	4	1	0	0	9	8	8	6	5	5	9	0	1	0	0	9	9	6	6	1
<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	
	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	
<b>Vehicle 6 mo F</b>	7	1	1	1	1	2	3	3	3	3	3	4	5	5	5	5	6	6	7	7	7	8	8	8	9
<b>ANIMAL ID</b>	3	4	5	6	7	2	5	6	7	8	9	9	0	1	2	3	6	8	4	5	6	1	2	3	9

**females  
(cont...)**

Parathyroid Gland Infiltration Cellular, Lymphocyte	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	M	M
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thyroid Gland Cyst Infiltration Cellular, Lymphocyte	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	2	+	+	+	+	+

**GENERAL BODY SYSTEM**  
 NONE

**GENITAL SYSTEM**

Clitoral Gland	+	+	M	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Uterus Endometrium, Hyperplasia, Cystic Lumen, Dilatation	+	+	+	+	+	+	+	+	+	+	+	+	+	2	+	+	+	+	+	+	+	+	+	2	1
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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

females  
(cont...)

**INTEGUMENTARY SYSTEM**

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

**MUSCULOSKELETAL SYSTEM**

Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

**NERVOUS SYSTEM**

Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum Cyst Epithelial Inclusion	+	+	+	+	+	+	+	+	+	+	+	X	+	+	+	+	+	+	+	+	+	+	+	

**RESPIRATORY SYSTEM**

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

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

**ALIMENTARY SYSTEM**

Esophagus	+	A								23	
Adventitia, Foreign Body											1
Adventitia, Necrosis											1 2.0
Gallbladder	+	A								24	
Intestine Large, Cecum	+	A								26	
Intestine Large, Colon	+	A								26	
Intestine Large, Rectum	+	A								26	
Intestine Small, Duodenum	+	A								26	
Intestine Small, Ileum	+	A								26	
Intestine Small, Jejunum	+	A								26	
Liver	+	A								26	
Inflammation, Chronic Active											3 1.0
Tension Lipidosis											1 1.0
Vacuolization Cytoplasmic											1 1.0
Pancreas	+	A								26	

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DAY ON TEST	0	1	2	3	4	
	0	0	2	1	0	3
	6	9				
<hr/>						
<b>C3B6F1-+/TRP53(TM1BRD) NCTR</b>	0	0				
<b>MICE FEMALE</b>	0	0				
<b>Vehicle 6 mo F</b>	4	4				
ANIMAL ID	4	6				
	3	4				
						<b>* TOTALS</b>

Salivary Glands	+	A				26	
Infiltration Cellular, Lymphocyte							14 1.1
<hr/>							
Stomach, Forestomach	+	A				26	
<hr/>							
Stomach, Glandular	+	A				26	

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+	A				26	
<hr/>							
Heart	+	A				26	
Cardiomyopathy							1 1.0
Pericardium, Inflammation, Chronic							1 3.0

**ENDOCRINE SYSTEM**

Adrenal Cortex	+	A				26	
Accessory Adrenal Cortical Nodule							1
Vacuolization Cytoplasmic							2 2.0
Subcapsular, Hyperplasia							23 1.0
<hr/>							
Adrenal Medulla	+	A				26	
<hr/>							
Islets, Pancreatic	+	A				26	

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

Parathyroid Gland	M	A									22	
Infiltration Cellular, Lymphocyte												1 1.0
Pituitary Gland	+	A									26	
Thyroid Gland	+	A									26	
Cyst												1 2.0
Infiltration Cellular, Lymphocyte												1 2.0

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Clitoral Gland	+	A									24	
Ovary	+	A									26	
Uterus	+	A									26	
Endometrium, Hyperplasia, Cystic												1 2.0
Lumen, Dilatation												2 1.5
Vagina	+	+									27	

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

**HEMATOPOIETIC SYSTEM**

Bone Marrow	+	A								26		
Myeloid Cell, Hyperplasia											3	2.7
Lymph Node	+									3		
Mediastinal, Hyperplasia, Lymphoid											2	4.0
Mediastinal, Infiltration Cellular, Plasma Cell											1	4.0
Lymph Node, Mandibular	+	A								26		
Hyperplasia, Lymphoid											3	1.3
Lymph Node, Mesenteric	+	A								24		
Hyperplasia, Lymphoid											7	1.6
Spleen	+	A								26		
Depletion Lymphoid											1	3.0
Hematopoietic Cell Proliferation											3	3.7
Thymus	+	A								26		
Hyperplasia, Lymphoid											3	2.3
Hyperplasia, Plasma Cell											1	3.0
Necrosis											1	3.0
Adventitia, Inflammation, Chronic											1	4.0
Epithelial Cell, Hyperplasia											1	1.0

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 3'-Azido-3'-deoxythymidine (AIDS)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:47:55  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

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

**INTEGUMENTARY SYSTEM**

Mammary Gland	+	A	<b>24</b>
Skin	+	A	<b>26</b>

**MUSCULOSKELETAL SYSTEM**

Bone, Femur	+	+	<b>27</b>
Skeletal Muscle	+	+	<b>27</b>

**NERVOUS SYSTEM**

Brain, Brain Stem	+	A	<b>26</b>
Brain, Cerebellum	+	A	<b>26</b>
Brain, Cerebrum	+	A	<b>26</b>
Cyst Epithelial Inclusion			<b>1</b>

**RESPIRATORY SYSTEM**

Lung	+	A	<b>26</b>
------	---	---	-----------

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 12

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 3'-Azido-3'-deoxythymidine (AIDS)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:47:55  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

DAY ON TEST		0	1	2	3	4		
		0	1	0	3	6		
<hr/>								
<b>C3B6F1-+/TRP53(TM1BRD) NCTR</b>		0	0					
<b>MICE FEMALE</b>		0	0					
	ANIMAL ID	4	4					
<b>Vehicle 6 mo F</b>		4	6					
		3	4					<b>* TOTALS</b>
<hr/>								
Abscess								<b>2 4.0</b>
Infiltration Cellular, Lymphocyte								<b>1 1.0</b>
Mediastinum, Necrosis								<b>1 4.0</b>
<hr/>								
Nose	+ A							<b>26</b>
<hr/>								
Trachea	+ A							<b>26</b>
<hr/>								
<b>SPECIAL SENSES SYSTEM</b>								
<hr/>								
Eye	+ A							<b>26</b>
<hr/>								
Harderian Gland	+ A							<b>26</b>
Infiltration Cellular, Lymphocyte								<b>1 1.0</b>
<hr/>								
<b>URINARY SYSTEM</b>								
<hr/>								
Kidney	+ A							<b>26</b>
Infiltration Cellular, Lymphocyte								<b>8 1.1</b>
Inflammation, Chronic Active								<b>1 1.0</b>
<hr/>								
Urinary Bladder	+ A							<b>26</b>
Infiltration Cellular, Lymphocyte								<b>3 1.0</b>
<hr/>								

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 13

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 3'-Azido-3'-deoxythymidine (AZT)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:47:55  
 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
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	2	2	2	3	3	3	2	2	2	2	2	2	2	3	3	2	2	3	3	2	2	2	2	2
	7	9	6	1	1	0	9	9	9	8	8	7	5	0	0	7	7	1	0	8	8	9	9	9
<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	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	4	4	4	5
<b>AZT 120 6 mo F</b>	1	4	5	8	9	4	5	6	7	8	8	9	0	4	7	6	7	1	2	7	8	7	8	0

females  
(cont...)

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+
Intestine Large, Cecum Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	2		2	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver Infiltration Cellular, Lymphocyte Inflammation, Chronic Active Tension Lipidosis Vacuolization Cytoplasmic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	2						
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked









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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 3'-Azido-3'-deoxythymidine (AZD)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:47:55  
 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
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	2	2	2	3	3	3	2	2	2	2	2	2	2	3	3	2	2	3	3	2	2	2	2	2	2
	7	9	6	1	1	0	9	9	9	8	8	7	5	0	0	7	7	1	0	8	8	9	9	9	9
<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	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	4	4	5
<b>AZT 120 6 mo F</b>	2	2	2	2	2	4	4	4	4	4	5	5	6	6	6	8	8	9	9	9	9	3	3	4	0
<b>ANIMAL ID</b>	1	4	5	8	9	4	5	6	7	8	8	9	0	4	7	6	7	1	2	7	8	7	8	2	

females  
(cont...)

**MUSCULOSKELETAL SYSTEM**

Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

**NERVOUS SYSTEM**

Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

**RESPIRATORY SYSTEM**

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Chronic Active																									
Mediastinum, Inflammation, Chronic Active																									
Mediastinum, Mineralization																									
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 18



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

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 3'-Azido-3'-deoxythymidine (AZT)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:47:55  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

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

**ALIMENTARY SYSTEM**

Esophagus	+	25	
Gallbladder	+	25	
Intestine Large, Cecum Hyperplasia, Lymphoid	+	26	2 2.0
Intestine Large, Colon	+	26	
Intestine Large, Rectum	+	26	
Intestine Small, Duodenum	+	26	
Intestine Small, Ileum	+	26	
Intestine Small, Jejunum	+	26	
Liver Infiltration Cellular, Lymphocyte Inflammation, Chronic Active Tension Lipidosis Vacuolization Cytoplasmic	+	26	1 2.0 2 1.0 3 2.0 1 1.0
Pancreas	+	26	

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 3'-Azido-3'-deoxythymidine (AZT)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:47:55  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

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

Infiltration Cellular, Lymphocyte			<b>1 1.0</b>
Inflammation, Chronic Active			<b>1 1.0</b>

Salivary Glands	+	<b>26</b>	
Infiltration Cellular, Lymphocyte			<b>7 1.1</b>

Stomach, Forestomach	+	<b>26</b>	
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Stomach, Glandular	+	<b>26</b>	
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**CARDIOVASCULAR SYSTEM**

Blood Vessel	+	<b>25</b>	
--------------	---	-----------	--

Heart	+	<b>26</b>	
Pericardium, Inflammation, Chronic Active			<b>1 2.0</b>
Pericardium, Mineralization			<b>1 3.0</b>

**ENDOCRINE SYSTEM**

Adrenal Cortex	+	<b>26</b>	
Accessory Adrenal Cortical Nodule			<b>1</b>
Subcapsular, Hyperplasia			<b>24 1.0</b>

Adrenal Medulla	+	<b>26</b>	
-----------------	---	-----------	--

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 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 21

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 3'-Azido-3'-deoxythymidine (AZT)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:47:55  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

DAY ON TEST			
		0	
		2	
		2	
		9	
.....			
<b>C3B6F1-+/TRP53(TM1BRD) NCTR</b>		0	
<b>MICE FEMALE</b>		0	
		5	
<b>AZT 120 6 mo F</b>	<b>ANIMAL ID</b>	0	
		3	
			<b>* TOTALS</b>
Islets, Pancreatic	+		26
Parathyroid Gland	+		21
Pituitary Gland	+		26
Thyroid Gland	+		25
Infiltration Cellular, Lymphocyte			1 1.0
.....			
<b>GENERAL BODY SYSTEM</b>			
Tissue NOS			1
Abscess			1 4.0
.....			
<b>GENITAL SYSTEM</b>			
Clitoral Gland	+		25
Ovary	+		26
Cyst			1 2.0
Uterus	+		26
Endometrium, Hyperplasia, Cystic			1 1.0
Lumen, Dilatation			2 1.5
Vagina	+		26

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 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
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 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
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TDMS No. 20310 - 01  
 Test Type: 26-39 WEEKS  
 Route: GAVAGE  
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 3'-Azido-3'-deoxythymidine (AZT)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:47:55  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

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

**HEMATOPOIETIC SYSTEM**

Bone Marrow	+		26	
Myeloid Cell, Hyperplasia				2 3.0
Lymph Node			1	
Lymph Node, Mandibular	+		25	
Hyperplasia, Lymphoid				2 1.5
Lymph Node, Mesenteric	+		25	
Hyperplasia, Lymphoid	1			11 1.4
Spleen	+		26	
Hematopoietic Cell Proliferation				2 3.5
Hyperplasia, Lymphoid				2 3.5
Thymus	+		26	
Hyperplasia, Lymphoid	2			2 2.0

**INTEGUMENTARY SYSTEM**

Mammary Gland	+		24	
Skin	+		26	

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 23

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 3'-Azido-3'-deoxythymidine (AZT)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
 Time Report Requested: 11:47:55  
 First Dose M/F: NA / 11/18/04  
 Lab: NCTR

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

**MUSCULOSKELETAL SYSTEM**

Bone, Femur	+	26
Skeletal Muscle	+	26

**NERVOUS SYSTEM**

Brain, Brain Stem	+	26
Brain, Cerebellum	+	26
Brain, Cerebrum	+	26

**RESPIRATORY SYSTEM**

Lung	+	26	
Inflammation, Chronic Active			1 2.0
Mediastinum, Inflammation, Chronic Active			1 2.0
Mediastinum, Mineralization			1 4.0
Nose	+	26	
Trachea	+	26	

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 24

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked



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

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 3'-Azido-3'-deoxythymidine (AIDS)  
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009  
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 Lab: NCTR

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

**SPECIAL SENSES SYSTEM**

Eye	+		<b>26</b>
Harderian Gland	+		<b>26</b>

**URINARY SYSTEM**

Kidney	+		<b>26</b>	
Infiltration Cellular, Lymphocyte				<b>3 1.0</b>
Urinary Bladder	+		<b>26</b>	
Infiltration Cellular, Lymphocyte				<b>1 1.0</b>

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

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 25

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked