

TDMS No. 20310 - 02
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: 11:51:06
First Dose M/F: 11/18/04 / NA
Lab: NCTR

C Number: C20310C

Lock Date: 12/01/2008

Cage Range: ALL

Date Range: ALL

Reasons For Removal: ALL

Removal Date Range: ALL

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

Study Gender: Male

TDMSE Version: 2.1.0

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

males (cont...)

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+
Basophilic Focus											X															
Cytomegaly	2			2	2	2	2	1	1	2			1			2				2	1	2				
Hematopoietic Cell Proliferation																				1						
Tension Lipidosis													1			1	1									
Vacuolization Cytoplasmic	2			2	2	2	2	1	2	2	1	1	2			1	1	2			2	2	2		1	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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 First Dose M/F: 11/18/04 / NA
 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	3	3	3	2	1	0	3	3	3	3
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	7	9	3	3	3	3	3
	5	3	3	7	6	5	5	5	4	4	4	4	2	8	8	6	5	4	3	3	5	5	5	5	4
C3B6F1-+/TRP53(TM1BRD) 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
MICE MALE	0	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 9 mo M	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	5	5	5	5	5	5
ANIMAL ID	9	9	9	3	4	4	5	5	5	5	7	7	8	1	1	1	3	5	6	9	1	1	1	1	3
	3	4	5	2	8	9	0	5	6	7	4	5	6	5	6	7	2	7	9	3	4	5	6	7	9

males
(cont...)

Acinar Cell, Degeneration	2																								
Salivary Glands	+ +																								
Infiltration Cellular, Lymphocyte	1 1																								
Stomach, Forestomach	+ +																								
Epithelium, Hyperplasia	3 A +																								
Stomach, Glandular	+ +																								

CARDIOVASCULAR SYSTEM

Blood Vessel	+ +																								
Heart	+ +																								
Pericardium, Inflammation, Chronic Active	3																								

ENDOCRINE SYSTEM

Adrenal Cortex	+ +																								
Accessory Adrenal Cortical Nodule	X																								
Cyst	1																								
Hypertrophy	2																								
Subcapsular, Hyperplasia	1 1																								
Adrenal Medulla	+ + + + + + + + + + M + + + + + + + + + + + + + + + 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	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	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
	5	3	3	7	6	5	5	5	4	4	4	4	2	8	8	6	5	4	3	3	5	5	5	5	4	4	3	3	5	5	5	5	4	4	3	3	3	3	3	

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

males (cont...)

Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	+	+	M	+	+	+	+	+	M	+	M	M	M	M	M	M	M	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pituitary Gland	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thyroid Gland Cyst	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
																																							1

GENERAL BODY SYSTEM

Tissue NOS																																								
Mediastinum, Abscess													+													+														
																																								4

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Lymphocyte																																							1	
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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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	
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	1	0	3	3	3	3	3	
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	7	9	3	3	3	3	3	
	5	3	3	7	6	5	5	5	4	4	4	4	2	8	8	6	5	4	3	3	5	5	5	4	
C3B6F1-+/TRP53(TM1BRD) 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	
MICE MALE	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 9 mo M	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	5	5	5	5	5	
ANIMAL ID	9	9	9	3	4	4	5	5	5	7	7	8	1	1	1	3	5	6	9	1	1	1	1	3	
	3	4	5	2	8	9	0	5	6	7	4	5	6	5	6	7	2	7	9	3	4	5	6	7	9

males
(cont...)

HEMATOPOIETIC SYSTEM

Bone Marrow Myeloid Cell, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
																	3	3						
Lymph Node, Mandibular Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
							1																	
Lymph Node, Mesenteric Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+
	1					1		2	2			2		1		2	2	2		1				2
Spleen Hematopoietic Cell Proliferation Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+
	2												2		2				3					
Thymus Atrophy Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
																	4							2

INTEGUMENTARY SYSTEM

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

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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				
DAY ON TEST	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	1	0	3	3	3	3	3	
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	7	9	3	3	3	3	3	
	5	3	3	7	6	5	5	5	4	4	4	4	4	2	8	8	6	5	4	3	3	5	5	5	5	4	
.....																											
C3B6F1-+/TRP53(TM1BRD) 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	
MICE MALE	0	0	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	2	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	5	5	5	5	5	5	
Vehicle 9 mo M	9	9	9	3	4	4	4	5	5	5	7	7	8	1	1	1	3	5	6	9	1	1	1	1	3	3	
	3	4	5	2	8	9	0	5	6	7	4	5	6	5	6	7	2	7	9	3	4	5	6	7	9	9	

**males
(cont...)**

MUSCULOSKELETAL SYSTEM

.....

Bone +

.....

Bone, Femur +

.....

Skeletal Muscle +

NERVOUS SYSTEM

.....

Brain, Brain Stem +

.....

Brain, Cerebellum +

.....

Brain, Cerebrum +
Mineralization 1 1 1 1

RESPIRATORY SYSTEM

.....

Lung +
Congestion 3
Inflammation, Chronic Active 2

.....

Nose +
Exudate 4

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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		
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	1	0	3	3	3	3	3	males (cont...)	
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	7	9	3	3	3	3	3		
	5	3	3	7	6	5	5	5	4	4	4	4	2	8	8	6	5	4	3	3	5	5	5	5	4		
C3B6F1-+/TRP53(TM1BRD) 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		
MICE MALE	0	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	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5		
Vehicle 9 mo M	9	9	9	3	4	4	5	5	5	5	7	7	8	1	1	1	3	5	6	9	1	1	1	1	3		
ANIMAL ID	3	4	5	2	8	9	0	5	6	7	4	5	6	5	6	7	2	7	9	3	4	5	6	7	9		
Inflammation, Suppurative																											3
Trachea																											
SPECIAL SENSES SYSTEM																											
Eye																											
Harderian Gland																											
URINARY SYSTEM																											
Kidney																											
Cyst																											
Infiltration Cellular, Lymphocyte																											
Urinary Bladder																											

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DAY ON TEST	0	0	
	3	3	
	3	3	
	6	6	
.....			
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0	
MICE MALE	0	0	
	6	6	
ANIMAL ID	3	3	
Vehicle 9 mo M	0	1	
			* TOTALS

ALIMENTARY SYSTEM

Esophagus	+	+		27
Gallbladder	+	+		26
Intestine Large, Cecum	+	+		26
Intestine Large, Colon	+	+		26
Intestine Large, Rectum	+	+		26
Intestine Small, Duodenum	+	+		26
Intestine Small, Ileum	+	+		26
Intestine Small, Jejunum	+	+		26
Liver	+	+		26
Basophilic Focus				1
Cytomegaly	1			14 1.6
Hematopoietic Cell Proliferation				1 1.0
Tension Lipidosis				3 1.0
Vacuolization Cytoplasmic	1	1		20 1.6
Pancreas	+	+		27

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DAY ON TEST	0	3	6
	0	3	6
	0	3	6
	0	3	6
	0	3	6
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0	0
MICE MALE	0	0	0
	6	6	6
ANIMAL ID	3	3	3
Vehicle 9 mo M	0	1	
			* TOTALS

Acinar Cell, Degeneration				1 2.0
Salivary Glands	+	+		27
Infiltration Cellular, Lymphocyte	1	1		7 1.0
Stomach, Forestomach	+	+		26
Epithelium, Hyperplasia				1 3.0
Stomach, Glandular	+	+		26

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+		27
Heart	+	+		27
Pericardium, Inflammation, Chronic Active				1 3.0

ENDOCRINE SYSTEM

Adrenal Cortex	+	+		27
Accessory Adrenal Cortical Nodule				1
Cyst				1 1.0
Hypertrophy				1 2.0
Subcapsular, Hyperplasia				6 1.0
Adrenal Medulla	+	+		25

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+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 9

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 02
 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: 11:51:06
 First Dose M/F: 11/18/04 / NA
 Lab: NCTR

DAY ON TEST	0	3	6	
	0	3	6	
	0	3	6	
	0	3	6	
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0	0	
MICE MALE	0	0	0	
Vehicle 9 mo M	6	6	0	
ANIMAL ID	3	3	1	
	0	1		* TOTALS
Islets, Pancreatic	+	+		27
Parathyroid Gland	+	+		16
Pituitary Gland	+	+		25
Thyroid Gland Cyst	+	+		26
				1 1.0

GENERAL BODY SYSTEM

Tissue NOS Mediastinum, Abscess				2
				1 4.0

GENITAL SYSTEM

Epididymis	+	+		27
Preputial Gland Infiltration Cellular, Lymphocyte	+	+		27
				1 1.0
Prostate	+	+		27
Seminal Vesicle	+	+		26
Testes	+	+		27

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 1) Minimal 3) Moderate
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TDMS No. 20310 - 02
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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 Lab: NCTR

DAY ON TEST	0	3	3	6	6
<hr/>					
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0	0	0	0
MICE MALE	6	6	6	6	6
Vehicle 9 mo M	0	1			
					* TOTALS

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+				27	
Myeloid Cell, Hyperplasia							2 3.0
Lymph Node, Mandibular	+	+				27	
Hyperplasia, Lymphoid							1 1.0
Lymph Node, Mesenteric	+	+				26	
Hyperplasia, Lymphoid	2	2					13 1.7
Spleen	+	+				26	
Hematopoietic Cell Proliferation							4 2.3
Hyperplasia, Lymphoid							2 2.0
Thymus	+	+				27	
Atrophy							1 4.0
Hyperplasia, Lymphoid							1 2.0

INTEGUMENTARY SYSTEM

Mammary Gland	M	M				0	
Skin	+	+				27	

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Page 11

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TDMS No. 20310 - 02
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DAY ON TEST	0	3	6
	0	3	6
	0	3	6
	0	3	6
	0	3	6
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0	
MICE MALE	0	0	
	6	6	
ANIMAL ID	3	3	
Vehicle 9 mo M	0	1	
			* TOTALS

MUSCULOSKELETAL SYSTEM

Bone				1
Bone, Femur	+	+		27
Skeletal Muscle	+	+		27

NERVOUS SYSTEM

Brain, Brain Stem	+	+		27
Brain, Cerebellum	+	+		27
Brain, Cerebrum Mineralization	+	+		27
				4 1.0

RESPIRATORY SYSTEM

Lung	+	+		27
Congestion				1 3.0
Inflammation, Chronic Active				1 2.0
Nose	+	+		27
Exudate				1 4.0

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Page 12

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TDMS No. 20310 - 02
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 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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 Lab: NCTR

DAY ON TEST	0	3	6	
	0	3	3	
	3	3	6	
	6	6	6	
<hr/>				
C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE	0	0	0	
	0	0	0	
	6	6	6	
ANIMAL ID	3	3	3	
Vehicle 9 mo M	0	1		
				* TOTALS
Inflammation, Suppurative				1 3.0
Trachea	+	+		27
<hr/>				
SPECIAL SENSES SYSTEM				
Eye	+	+		26
Harderian Gland	+	+		27
<hr/>				
URINARY SYSTEM				
Kidney	+	+		26
Cyst				1 1.0
Infiltration Cellular, Lymphocyte				6 1.0
Urinary Bladder	+	+		27

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 Route: GAVAGE
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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	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	0	0	3	3	3	3	3
	8	3	3	3	3	3	3	3	3	3	3	3	3	3	3	7	3	5	5	3	3	3	3	3
	7	4	4	3	3	1	1	5	5	3	3	8	8	5	5	9	1	3	6	5	2	3	3	6
C3B6F1-+/TRP53(TM1BRD) 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
MICE MALE	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	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5	5	
AZT 40 9 mo M	7	0	0	0	0	0	1	2	2	6	6	0	2	2	4	5	8	9	0	1	1	1	4	
	1	5	6	7	8	9	6	3	4	1	2	1	2	7	8	4	0	4	9	0	1	2	1	

males
(cont...)

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+
Foreign Body																							X		
Adventitia, Inflammation, Suppurative																							2		
Adventitia, Necrosis																							3		
Gallbladder	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	
Hyperplasia, Lymphoid									3				2												
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	
Intestine Small, Duodenum	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	
Intestine Small, Jejunum	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Basophilic Focus																							X		
Cytomegaly				2	2	2	2			2	1	1	2			1			1		2	1			
Vacuolization Cytoplasmic		1	2	2	2	2	2			2	1	2	2	1	2				2		2	1			

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TDMS No. 20310 - 02
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: 11:51:06
First Dose M/F: 11/18/04 / NA
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	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	0	0	3	3	3	3	3	3	3
	8	3	3	3	3	3	3	3	3	3	3	3	3	3	7	3	5	5	3	3	3	3	3	3	3
	7	4	4	3	3	1	1	5	5	3	3	8	8	5	5	9	1	3	6	5	2	3	3	6	6
C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	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	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	5	5	5	5	5	5	5
AZT 40 9 mo M	7	0	0	0	0	0	1	2	2	6	6	0	0	2	2	4	5	8	9	0	1	1	1	4	4
	1	5	6	7	8	9	6	3	4	1	2	1	2	7	8	4	0	0	4	9	0	1	2	1	2

**males
(cont...)**

Mesentery																										
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Salivary Glands	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Infiltration Cellular, Lymphocyte							1			1					1	1										
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	
Epithelium, Hyperplasia, Squamous											1															
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Suppurative	1																								

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Subcapsular, Hyperplasia							1									2	1								1
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+

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TDMS No. 20310 - 02
 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																								males (cont...)	
	0 0																									
C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE AZT 40 9 mo M	0 0																								males (cont...)	
	0 0																									
ANIMAL ID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	males (cont...)	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+
Parathyroid Gland	+	+	+	M	+	+	+	+	+	M	+	+	+	+	M	+	+	M	M	+	+	+	+	M	+	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst										1																
Degeneration																	1									
Ectopic Thymus																										

GENERAL BODY SYSTEM

Tissue NOS

+

GENITAL SYSTEM

Coagulating Gland

+

Epididymis
Hypospermia

+ + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

Preputial Gland
Inflammation, Suppurative
Duct, Dilatation

+ + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + |

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

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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	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	0	0	3	3	3	3	3	3
	8	3	3	3	3	3	3	3	3	3	3	3	3	3	3	7	3	5	5	3	3	3	3	3	3
	7	4	4	3	3	1	1	5	5	3	3	8	8	5	5	9	1	3	6	5	2	3	3	6	6
C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	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 M	1	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	5	5	5	5	5	5	5
	7	0	0	0	0	0	1	2	2	6	6	0	2	2	4	5	8	9	0	1	1	1	4	4	
	1	5	6	7	8	9	6	3	4	1	2	1	2	7	8	4	0	0	4	9	0	1	2	1	2
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+
Interstitial Cell, Hyperplasia																									
Seminiferous Tubule, Degeneration	1																								1

males
(cont...)

HEMATOPOIETIC SYSTEM

Bone Marrow	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Myeloid Cell, Hyperplasia																			3		3				
Lymph Node																									+
Lymph Node, Mandibular	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+
Hyperplasia, Lymphoid																			2						
Lymph Node, Mesenteric	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	M	+	M	+	+	+	+
Hyperplasia, Lymphoid		1		2			2	1	2	2	2	1		2	2					3		1			
Spleen	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+
Hematopoietic Cell Proliferation																									
Hyperplasia, Lymphoid								2	2	2			2												2
Thymus	A	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+
Hyperplasia, Lymphoid																									

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TDMS No. 20310 - 02
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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First Dose M/F: 11/18/04 / NA
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	2	0	0	3	3	3	3	3		
	8	3	3	3	3	3	3	3	3	3	3	3	3	3	3	7	3	5	5	3	3	3	3	3	3		
	7	4	4	3	3	1	1	5	5	3	3	8	8	5	5	9	1	3	6	5	2	3	3	6	6		
.....																											
C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	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	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	
	7	0	0	0	0	0	1	2	2	6	6	0	2	2	4	5	8	9	0	1	1	1	1	4	4		
	1	5	6	7	8	9	6	3	4	1	2	1	2	7	8	4	0	0	4	9	0	1	2	1	2		
AZT 40 9 mo M																											
ANIMAL ID																										males (cont...)	

INTEGUMENTARY SYSTEM

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

MUSCULOSKELETAL SYSTEM

Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Diaphragm, Foreign Body															X										
Diaphragm, Inflammation, Granulomatous															4										

NERVOUS SYSTEM

Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mineralization															1										

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+ .. 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 - 02
 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: 11:51:06
 First Dose M/F: 11/18/04 / NA
 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
	0	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	0	0	3	3	3	3	3	3	3	3	
	8	3	3	3	3	3	3	3	3	3	3	3	3	3	3	7	3	5	5	3	3	3	3	3	3	3	3	3	
	7	4	4	3	3	1	1	5	5	3	3	8	8	5	5	9	1	3	6	5	2	3	3	6	6				
C3B6F1-+/TRP53(TM1BRD) 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	0	0	
MICE MALE	0	0	0	0	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 M	1	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	
ANIMAL ID	7	0	0	0	0	0	1	2	2	6	6	0	0	2	2	4	5	8	9	0	1	1	1	4	4				
	1	5	6	7	8	9	6	3	4	1	2	1	2	7	8	4	0	0	4	9	0	1	2	1	2	1	2		

males
(cont...)

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Lymphocyte																												
Mediastinum, Inflammation, Suppurative																												
Mediastinum, Necrosis																												
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Casts Protein																												
Cyst																												
Infiltration Cellular, Lymphocyte																												
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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 + .. 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 - 02
 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: 11:51:06
 First Dose M/F: 11/18/04 / NA
 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	0
DAY ON TEST	0	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	0	0	3	3	3	3	3	3	3	3
	8	3	3	3	3	3	3	3	3	3	3	3	3	3	3	7	3	5	5	3	3	3	3	3	3	3	3
	7	4	4	3	3	1	1	5	5	3	3	8	8	5	5	9	1	3	6	5	2	3	3	6	6	6	6
C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	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	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5
ANIMAL ID	7	0	0	0	0	0	1	2	2	6	6	0	0	2	2	4	5	8	9	0	1	1	1	4	4	4	
AZT 40 9 mo M	1	5	6	7	8	9	6	3	4	1	2	1	2	7	8	4	0	0	4	9	0	1	2	1	2	1	2
Lumen, Dilatation	4																										

males
(cont...)

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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:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Page 20

TDMS No. 20310 - 02
 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: 11:51:06
 First Dose M/F: 11/18/04 / NA
 Lab: NCTR

DAY ON TEST	0	3	4
	0	3	3
	3	3	3
	4	3	3
<hr/>			
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0	
MICE MALE	0	0	
ANIMAL ID	5	5	
	4	4	
AZT 40 9 mo M	3	7	
			* TOTALS

ALIMENTARY SYSTEM

Esophagus	+	+	26	
Foreign Body				1
Adventitia, Inflammation, Suppurative				1 2.0
Adventitia, Necrosis				1 3.0
Gallbladder	+	+	25	
Intestine Large, Cecum	+	+	26	
Hyperplasia, Lymphoid				2 2.5
Intestine Large, Colon	+	+	26	
Intestine Large, Rectum	+	+	26	
Intestine Small, Duodenum	+	+	25	
Intestine Small, Ileum	+	+	26	
Intestine Small, Jejunum	+	+	25	
Liver	+	+	27	
Basophilic Focus				1
Cytomegaly	2	2		14 1.6
Vacuolization Cytoplasmic	2	2		17 1.8

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+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 21

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 02
 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: 11:51:06
 First Dose M/F: 11/18/04 / NA
 Lab: NCTR

DAY ON TEST	0	3	4	7		
	0	3	3	3		
	0	3	3	3		
	0	3	3	3		
	0	3	3	3		
C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE	0	0	0	0		
	0	0	0	0		
	5	5	5	5		
AZT 40 9 mo M	4	4	4	4		
	3	7	7	7		
						* TOTALS
Mesentery						2
Pancreas	+	+				27
Salivary Glands	+	+				26
Infiltration Cellular, Lymphocyte						4 1.0
Stomach, Forestomach	+	+				26
Epithelium, Hyperplasia, Squamous						1 1.0
Stomach, Glandular	+	+				26
CARDIOVASCULAR SYSTEM						
Blood Vessel	+	+				27
Heart	+	+				27
Inflammation, Suppurative						1 1.0
ENDOCRINE SYSTEM						
Adrenal Cortex	+	+				27
Subcapsular, Hyperplasia	1	1				6 1.2
Adrenal Medulla	+	+				26

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 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20310 - 02
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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 3'-Azido-3'-deoxythymidine (AZT)
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 Time Report Requested: 11:51:06
 First Dose M/F: 11/18/04 / NA
 Lab: NCTR

DAY ON TEST	0	3	4	7		
	0	3	3	3		
	0	3	3	3		
	0	3	3	3		
	0	3	3	3		
C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE	0	0	0	0		
	0	0	0	0		
	5	5	5	5		
AZT 40 9 mo M	4	4	4	4		
	3	7	3	7		
						* TOTALS
Islets, Pancreatic	+	+				27
Parathyroid Gland	+	M				20
Pituitary Gland	+	+				27
Thyroid Gland	+	+				27
Cyst						1 1.0
Degeneration						1 1.0
Ectopic Thymus						1

GENERAL BODY SYSTEM

Tissue NOS						1
------------	--	--	--	--	--	----------

GENITAL SYSTEM

Coagulating Gland						1
Epididymis	+	+				27
Hypospermia						1 4.0
Preputial Gland	+	+				26
Inflammation, Suppurative						1 1.0
Duct, Dilatation						1 3.0

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 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
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TDMS No. 20310 - 02
 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: 11:51:06
 First Dose M/F: 11/18/04 / NA
 Lab: NCTR

DAY ON TEST	0	3	4	7	
	0	3	3	3	
	0	3	3	3	
	0	3	3	3	
	0	3	3	3	
C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE	0	0	0	0	
	0	0	0	0	
	5	5	5	5	
ANIMAL ID	4	4	4	4	
AZT 40 9 mo M	3	7			
					* TOTALS
Prostate	+	+			27
Seminal Vesicle	+	+			27
Testes	+	+			26
Interstitial Cell, Hyperplasia					1 1.0
Seminiferous Tubule, Degeneration					1 1.0

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+			26	
Myeloid Cell, Hyperplasia						2 3.0
Lymph Node					1	
Lymph Node, Mandibular	+	+			25	
Hyperplasia, Lymphoid						1 2.0
Lymph Node, Mesenteric	+	+			23	
Hyperplasia, Lymphoid						12 1.8
Spleen	+	+			25	
Hematopoietic Cell Proliferation						2 3.5
Hyperplasia, Lymphoid						5 2.0
Thymus	+	+			24	
Hyperplasia, Lymphoid						1 4.0

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BLANK .. Not examined microscopically

Page 24

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 02
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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 CAS Number: 30516-87-1

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

DAY ON TEST	0	3	4
	0	3	3
	3	3	3
	4	3	3
<hr/>			
C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE	0	0	
	0	0	
	5	5	
ANIMAL ID	4	4	
AZT 40 9 mo M	3	7	
			* TOTALS

INTEGUMENTARY SYSTEM

Mammary Gland	M	M	0
Skin	+	+	27

MUSCULOSKELETAL SYSTEM

Bone, Femur	+	+	27
Skeletal Muscle	+	+	27
Diaphragm, Foreign Body			1
Diaphragm, Inflammation, Granulomatous			1 4.0

NERVOUS SYSTEM

Brain, Brain Stem	+	+	27
Brain, Cerebellum	+	+	27
Brain, Cerebrum	+	+	27
Mineralization			1 1.0

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Page 25

1-4 .. Lesion qualified as:

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TDMS No. 20310 - 02
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 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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 Lab: NCTR

DAY ON TEST	0	3	4
	0	3	3
	3	3	3
	4	3	3
<hr/>			
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0	
MICE MALE	0	0	
	5	5	
ANIMAL ID	4	4	
AZT 40 9 mo M	3	7	
			* TOTALS

RESPIRATORY SYSTEM

Lung	+	+	27	
Infiltration Cellular, Lymphocyte				1 1.0
Mediastinum, Inflammation, Suppurative				1 3.0
Mediastinum, Necrosis				1 3.0
Nose	+	+	27	
Trachea	+	+	27	

SPECIAL SENSES SYSTEM

Eye	+	+	26	
Harderian Gland	+	+	27	

URINARY SYSTEM

Kidney	+	+	27	
Casts Protein				1 1.0
Cyst				1 2.0
Infiltration Cellular, Lymphocyte				11 1.0
Urinary Bladder	+	+	27	

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Page 26

1-4 .. Lesion qualified as:

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TDMS No. 20310 - 02
 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
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 First Dose M/F: 11/18/04 / NA
 Lab: NCTR

DAY ON TEST	0	3	4	7	
	0	0	0	0	
	3	3	3	3	
	3	3	3	3	
	4	3			
<hr/>					
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0			
MICE MALE	0	0			
	5	5			
ANIMAL ID	4	4			
AZT 40 9 mo M	3	7			
					* TOTALS
Lumen, Dilatation					1 4.0

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TDMS No. 20310 - 02
 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: 11:51:06
 First Dose M/F: 11/18/04 / NA
 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	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	4	6	6	6	6	6	6	5	5	5	5	
C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	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	3	4	4	4	4	4	4	4	4	5	5	
AZT 80 9 mo M	9	9	2	2	2	3	3	3	3	3	5	7	8	8	8	0	1	1	1	1	2	3	3	3	3	
ANIMAL ID	8	9	0	1	8	0	4	5	6	7	8	9	0	1	2	9	0	1	1	2	3	4	3	4	0	1

males
(cont...)

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	2	+	+	+	+	+	+	+	+	+	+	+	2	+	+	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Duodenum Inflammation, Chronic Active	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Liver Cytomegaly	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
	1	1	1	2	1								2		1	2	2	2	2	2	1	1				
Vacuolization Cytoplasmic	2	1	2	1	2	1	1	1	1	1	1	2	1	1	2	3	2	1	2	2	2				1	
Mesentery Fat, Fibrosis																									+	2

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 + .. 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 - 02
 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: 11:51:06
 First Dose M/F: 11/18/04 / NA
 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	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	4	6	6	6	6	6	6	5	5	5	5
C3B6F1-+/TRP53(TM1BRD) 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
MICE MALE	0	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 80 9 mo M	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5
ANIMAL ID	9	9	2	2	2	3	3	3	3	3	5	7	8	8	8	0	1	1	1	1	2	3	3	3	3
	8	9	0	1	8	0	4	5	6	7	8	9	0	1	2	9	0	1	2	3	4	3	4	0	1

males (cont...)

Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cytoplasmic Alteration																								1
Inflammation, Chronic Active																								1
Pigmentation																								1
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Lymphocyte																								1
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Polyarteritis																								1

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hypertrophy																								
Subcapsular, Hyperplasia				1	1	1								1	1				1					1

* .. 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 29

TDMS No. 20310 - 02
 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: 11:51:06
 First Dose M/F: 11/18/04 / NA
 Lab: NCTR

DAY ON TEST	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
4	4	7	7	9	9	6	6	6	5	5	4	4	4	4	6	6	6	6	6	6	5	5	5	5	5	5	5	5	5
.....																													
C3B6F1-+/TRP53(TM1BRD) 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	0	0	0	0
MICE MALE	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	5	5	5	5
AZT 80 9 mo M	9	9	2	2	2	3	3	3	3	3	5	7	8	8	8	0	1	1	1	1	2	3	3	3	3	3	3	3	3
ANIMAL ID	8	9	0	1	8	0	4	5	6	7	8	9	0	1	2	9	0	1	2	3	4	3	4	0	1	males (cont...)			

Adrenal Medulla	+	+	+	M	+	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Islets, Pancreatic Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	+	M	+	+	+	M	+	+	+	M	M	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thyroid Gland Follicular Cell, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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 + .. 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 30

TDMS No. 20310 - 02
 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: 11:51:06
 First Dose M/F: 11/18/04 / NA
 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	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	4	6	6	6	6	6	5	5	5	
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MICE MALE	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	3	4	4	4	4	4	4	4	4	5	
AZT 80 9 mo M	9	9	2	2	2	3	3	3	3	3	5	7	8	8	8	0	1	1	1	1	2	3	3	males (cont...)
	8	9	0	1	8	0	4	5	6	7	8	9	0	1	2	9	0	1	2	3	4	3	4	0
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst Epithelial Inclusion																								X

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Brain, Cerebrum Mineralization	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	1

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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 + .. Tissue examined microscopically
 x .. Lesion present
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 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 - 02
 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: 11:51:06
 First Dose M/F: 11/18/04 / NA
 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
	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	3	3	3	3	3	3	3	3	3	3
	4	4	7	7	9	9	6	6	6	5	5	4	4	4	4	6	6	6	6	6	6	5	5	5	5	5
C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	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	3	4	4	4	4	4	4	4	4	4	5	5
AZT 80 9 mo M	9	9	2	2	2	3	3	3	3	3	5	7	8	8	8	8	0	1	1	1	1	2	3	3	3	3
ANIMAL ID	8	9	0	1	8	0	4	5	6	7	8	9	0	1	2	9	0	1	2	3	4	3	4	0	1	

males
(cont...)

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

URINARY SYSTEM

Kidney Infiltration Cellular, Lymphocyte	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	1													1			1		1	1				1	
Urinary Bladder Lumen, Dilatation	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
			4					4																	

* .. 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 - 02
 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: 11:51:06
 First Dose M/F: 11/18/04 / NA
 Lab: NCTR

DAY ON TEST	0	3	6
	0	3	2
.....			
C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE	0	0	
	0	0	
	5	6	
ANIMAL ID	5	3	
AZT 80 9 mo M	1	3	
			* TOTALS

ALIMENTARY SYSTEM

Esophagus	+	+	27	
Gallbladder	+	+	27	
Intestine Large, Cecum Hyperplasia, Lymphoid	+	+	27	2 2.0
Intestine Large, Colon	+	+	27	
Intestine Large, Rectum	+	+	27	
Intestine Small, Duodenum Inflammation, Chronic Active	+	+	27	1 2.0
Intestine Small, Ileum	+	+	27	
Intestine Small, Jejunum	+	+	27	
Liver Cytomegaly Vacuolization Cytoplasmic	+	+	27	13 1.5 23 1.5
Mesentery Fat, Fibrosis			1	1 2.0

* .. 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

Page 34

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 02
 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: 11:51:06
 First Dose M/F: 11/18/04 / NA
 Lab: NCTR

DAY ON TEST	0	3	6
	0	3	2
<hr/>			
C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE	0	0	
	0	0	
	5	6	
ANIMAL ID	5	3	
AZT 80 9 mo M	1	3	
			* TOTALS

Pancreas	+	+	27	
Cytoplasmic Alteration				1 1.0
Inflammation, Chronic Active				1 1.0
Pigmentation				1 1.0
Salivary Glands	+	+	27	
Infiltration Cellular, Lymphocyte				2 1.0
Stomach, Forestomach	+	+	27	
Stomach, Glandular	+	+	27	

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	27	
Heart	+	+	27	
Polyarteritis				1 1.0

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	27	
Hypertrophy				1 2.0
Subcapsular, Hyperplasia				7 1.0

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 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 35

TDMS No. 20310 - 02
 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: 11:51:06
 First Dose M/F: 11/18/04 / NA
 Lab: NCTR

DAY ON TEST	0	3	6	2			
<hr/>							
C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE	0	0	0	0			
AZT 80 9 mo M	5	6	5	3			
	1	3					* TOTALS
Adrenal Medulla	+	+					24
Islets, Pancreatic Hyperplasia	+	+					27 1 1.0
Parathyroid Gland	M	+					21
Pituitary Gland	+	+					27
Thyroid Gland Follicular Cell, Hyperplasia	+	+					27 1 2.0

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

Epididymis	+	+					27
Preputial Gland	+	+					27
Prostate	+	+					27
Seminal Vesicle	+	+					27
Testes	+	+					27

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+ .. Tissue examined microscopically

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Page 36

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

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TDMS No. 20310 - 02
 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: 11:51:06
 First Dose M/F: 11/18/04 / NA
 Lab: NCTR

DAY ON TEST	0	3	6	2	
	0	3	3	2	
<hr/>					
C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE	0	0	0	0	
	5	6	5	3	
AZT 80 9 mo M	1	3			
					* TOTALS
Seminiferous Tubule, Degeneration					1 1.0

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+			27	
Myeloid Cell, Hyperplasia						1 2.0
Lymph Node, Mandibular	+	+			27	
Hyperplasia, Lymphoid						1 2.0
Hyperplasia, Plasma Cell						1 1.0
Lymph Node, Mesenteric	+	+			26	
Hyperplasia, Lymphoid			2			17 2.1
Hyperplasia, Plasma Cell						1 3.0
Infiltration Cellular, Histiocyte						1 3.0
Spleen	+	+			27	
Hematopoietic Cell Proliferation						5 2.0
Hyperplasia, Lymphoid						6 2.2
Thymus	+	+			27	
Atrophy						1 2.0

INTEGUMENTARY SYSTEM

Mammary Gland	M	+			2	
---------------	---	---	--	--	----------	--

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TDMS No. 20310 - 02
 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: 11:51:06
 First Dose M/F: 11/18/04 / NA
 Lab: NCTR

DAY ON TEST	0	3	6
	0	3	2
.....			
C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE	0	0	
	0	0	
	5	6	
ANIMAL ID	5	3	
AZT 80 9 mo M	1	3	
			* TOTALS

Skin	+	+	27
Cyst Epithelial Inclusion			1

MUSCULOSKELETAL SYSTEM

Bone, Femur	+	+	27
Skeletal Muscle	+	+	27

NERVOUS SYSTEM

Brain, Brain Stem	+	+	27
Brain, Cerebellum	+	+	27
Brain, Cerebrum Mineralization	+	+	27 2 1.0

RESPIRATORY SYSTEM

Lung	+	+	27
Nose	+	+	27
Trachea	+	+	27

* .. 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 38

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 02
 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: 11:51:06
 First Dose M/F: 11/18/04 / NA
 Lab: NCTR

DAY ON TEST	0	0	
	3	3	
	3	3	
	6	2	
.....			
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0	
MICE MALE	0	0	
	5	6	
ANIMAL ID	5	3	
AZT 80 9 mo M	1	3	
			* TOTALS

SPECIAL SENSES SYSTEM

Eye	+	+	27
Harderian Gland	+	+	27

URINARY SYSTEM

Kidney	+	+	27	
Infiltration Cellular, Lymphocyte				6 1.0
Urinary Bladder	+	+	27	
Lumen, Dilatation				2 4.0

* .. 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

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Page 39

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 02
 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: 11:51:06
 First Dose M/F: 11/18/04 / NA
 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	3	3	2	1	1	2	3	3	3	3
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	0	0	9	3	3	3	3
	4	4	2	2	4	6	6	5	5	5	4	4	4	3	8	6	6	2	8	4	8	5	5	5	5
C3B6F1-+/TRP53(TM1BRD) 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
MICE MALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	5	5	5	5	5
AZT 120 9 mo M	1	1	1	1	2	4	4	4	6	6	6	6	8	8	2	2	2	5	7	8	0	2	2	2	2
	2	3	4	5	2	2	3	4	5	6	7	8	8	9	1	2	3	6	6	2	4	1	2	3	4

males
(cont...)

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder Mineralization	+	+	+	+	+	+	+	+	2	+	+	+	+	+	+	+	+	+	+	A	A	+	+	+	+
Intestine Large, Cecum Hyperplasia, Lymphoid	+	+	+	+	+	+	+	2	2	+	+	+	+	+	2	+	+	+	+	A	A	+	+	+	+
Intestine Large, Colon Epithelium, Hyperplasia	+	2	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	A	+	+	+	+
Intestine Large, Rectum Hyperplasia, Lymphoid	+	+	+	+	+	+	+	2	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	A	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	A	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	A	+	+	+	+
Liver Basophilic Focus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver Cytomegaly	2	2	1					1	2	1				2							2	2			
Liver Mixed Cell Focus	X																								
Liver Tension Lipidosis											1														

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 + .. 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 - 02
 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: 11:51:06
 First Dose M/F: 11/18/04 / NA
 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	
C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	males (cont...)
AZT 120 9 mo M	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	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	1	1	1	1	2	4	4	4	6	6	6	6	8	8	2	2	2	5	7	8	0	2	2	
	2	3	4	5	2	2	3	4	5	6	7	8	8	9	1	2	3	6	6	2	4	1	2	
Vacuolization Cytoplasmic	2	3	1	1		1	1	1	2	1		1	2	1					2					
Pancreas Inflammation, Chronic Active	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Salivary Glands Infiltration Cellular, Lymphocyte	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	A	+	+	+	
CARDIOVASCULAR SYSTEM																								
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
ENDOCRINE SYSTEM																								
Adrenal Cortex Subcapsular, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adrenal Medulla	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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 + .. Tissue examined microscopically
 x .. Lesion present
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 2) Mild 4) Marked
 Page 41

TDMS No. 20310 - 02
 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: 11:51:06
 First Dose M/F: 11/18/04 / NA
 Lab: NCTR

DAY ON TEST	0																										
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	1	1	2	3	3	3
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	0	0	9	3	3	3	3	
4	4	2	2	4	6	6	5	5	5	4	4	4	3	8	6	6	2	8	4	8	5	5	5	5	5		
C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE AZT 120 9 mo M	0																										
	0																										
	3																										
	1																										
ANIMAL ID	2																										

males
(cont...)

Parathyroid Gland
Cyst

M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	M	+	+	+	+	+
				2																						

Pituitary Gland

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

Thyroid Gland

+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

GENERAL BODY SYSTEM

Tissue NOS
Thoracic, Thrombosis

+
4

GENITAL SYSTEM

Epididymis
Hypospermia

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

Preputial Gland
Degeneration
Inflammation, Chronic Active

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

Prostate

+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	A	+	+	+	+	+
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Seminal Vesicle
Inflammation, Chronic

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

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 + .. Tissue examined microscopically
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 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 42

TDMS No. 20310 - 02
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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 First Dose M/F: 11/18/04 / NA
 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	3	3	3	2	1	1	2	3	3	3	3
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	0	0	9	3	3	3	3
	4	4	2	2	4	6	6	5	5	5	4	4	4	4	3	8	6	6	2	8	4	8	5	5	5	5
C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	5	5	5	5	5	5
AZT 120 9 mo M	1	1	1	1	2	4	4	4	6	6	6	6	8	8	2	2	2	2	5	7	8	0	2	2	2	2
ANIMAL ID	2	3	4	5	2	2	3	4	5	6	7	8	8	9	1	2	3	6	6	2	4	1	2	2	3	4

males
(cont...)

Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+
Seminiferous Tubule, Degeneration												4														

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+
Lymph Node																										+
Lymph Node, Mandibular Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	2	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+
Lymph Node, Mesenteric Hematopoietic Cell Proliferation Hyperplasia, Lymphoid Infiltration Cellular, Polymorphonuclear	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	A	+	+	+	+	+
	2	2			2	2	2	2					2	1	2		2				2			1	1	
Spleen Hematopoietic Cell Proliferation Hemorrhage Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+
	2							1													3					2
Thymus	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	M	+	A	+	+	+

INTEGUMENTARY SYSTEM

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TDMS No. 20310 - 02
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 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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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
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	1	1	2	3	3	3	3	3	
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	0	0	9	3	3	3	3	3	
	4	4	2	2	4	6	6	5	5	5	4	4	4	3	8	6	6	2	8	4	8	5	5	5	5	5	
C3B6F1-+/TRP53(TM1BRD) 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	
MICE MALE	0	0	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 120 9 mo M	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	5	5	5	5	5	
ANIMAL ID	1	1	1	1	2	4	4	4	6	6	6	6	8	8	2	2	2	5	7	8	0	2	2	2	2	2	
	2	3	4	5	2	2	3	4	5	6	7	8	8	9	1	2	3	6	6	2	4	1	2	3	4	4	

males
(cont...)

Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Abscess																										
Hemorrhage																										

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

Lung Congestion	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
--------------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

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TDMS No. 20310 - 02
Test Type: 26-39 WEEKS
Route: GAVAGE
Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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

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

	DAY ON TEST																								males (cont...)																				
	0 3 3 4	0 3 3 4	0 3 3 2	0 3 3 2	0 3 3 4	0 3 3 6	0 3 3 6	0 3 3 5	0 3 3 5	0 3 3 5	0 3 3 4	0 3 3 4	0 3 3 4	0 3 3 3	0 3 3 8	0 3 3 6	0 3 3 6	0 3 4 2	0 3 4 8	0 3 4 4	0 3 5 8	0 3 5 5	0 3 5 5																						
C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE	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																						
AZT 120 9 mo M	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	5																						
	1	1	1	1	2	4	4	4	6	6	6	6	8	8	2	2	2	5	7	8	0	2	2																						
	2	3	4	5	2	2	3	4	5	6	7	8	8	9	1	2	3	6	6	2	4	1	2																						
Infiltration Cellular, Polymorphonuclear																							2																						
Nose																							+ + + + + + + + + + + + + + + + + + A A + + + +																						
Trachea																							+ +																						
SPECIAL SENSES SYSTEM																																													
Eye																							+ + + + + + + + + + + + + + + + + + A A + + + +																						
Harderian Gland																							+ +																						
URINARY SYSTEM																																													
Kidney																							+ + + + + + + + + + + + + + + + + + A + + + + +																						
Casts Protein																																									1				
Infiltration Cellular, Lymphocyte																										1												1						2	
Pelvis, Dilatation																							1																						
Pelvis, Inflammation, Chronic																																													
Urinary Bladder																							+ + + + + + + + + + + + + + + + + + A + + + + +																						
Lumen, Dilatation																									3	4																			

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I .. Insufficient tissue

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TDMS No. 20310 - 02
 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: 11:51:06
 First Dose M/F: 11/18/04 / NA
 Lab: NCTR

DAY ON TEST	0	0	3	2	3	9	2	4
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0	0	0	5	6	5	7
MICE MALE	0	0	5	6	5	7	3	5
AZT 120 9 mo M								
								* TOTALS

ALIMENTARY SYSTEM

Esophagus	+	+							27	
Gallbladder	+	+							25	
Mineralization										1 2.0
Intestine Large, Cecum	+	+							25	
Hyperplasia, Lymphoid										3 2.0
Intestine Large, Colon	+	+							25	
Epithelium, Hyperplasia										1 2.0
Intestine Large, Rectum	+	+							26	
Hyperplasia, Lymphoid										1 2.0
Intestine Small, Duodenum	+	+							25	
Intestine Small, Ileum	+	+							25	
Intestine Small, Jejunum	+	+							25	
Liver	+	+							27	
Basophilic Focus										1
Cytomegaly										9 1.7
Mixed Cell Focus										1
Tension Lipidosis										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

Page 46

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

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TDMS No. 20310 - 02
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DAY ON TEST	0	0	3	2	3	9	2	4
C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE	0	0	0	0	5	6	5	7
AZT 120 9 mo M	0	0	0	0	5	6	5	7
					3	5		
								* TOTALS

Vacuolization Cytoplasmic									13 1.5
Pancreas	+	+							27
Inflammation, Chronic Active									1 2.0
Salivary Glands	+	+							27
Infiltration Cellular, Lymphocyte									5 1.0
Stomach, Forestomach	+	+							27
Stomach, Glandular	+	+							25

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+							27
Heart	+	+							27

ENDOCRINE SYSTEM

Adrenal Cortex	+	+							27
Subcapsular, Hyperplasia	1								6 1.0
Adrenal Medulla	+	+							26
Islets, Pancreatic	+	+							27

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 M .. Missing tissue
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 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20310 - 02
 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: 11:51:06
 First Dose M/F: 11/18/04 / NA
 Lab: NCTR

DAY ON TEST	0	0	3	2	3	9	2	4
C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE	0	0	0	0	5	6	5	7
AZT 120 9 mo M	0	0	0	0	5	6	5	7
	3	5						
								* TOTALS

Parathyroid Gland Cyst	M	+							22	1	2.0
Pituitary Gland	+	+							27		
Thyroid Gland	+	+							26		

GENERAL BODY SYSTEM

Tissue NOS Thoracic, Thrombosis									1	1	4.0
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GENITAL SYSTEM

Epididymis Hyospermia	+	+							26	1	3.0
Preputial Gland Degeneration Inflammation, Chronic Active	+	+							26	3	3.0
Prostate	+	+							25		
Seminal Vesicle Inflammation, Chronic	+	+							26	1	2.0

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Page 48

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C3B6F1-+/TRP53(TM1BRD) NCTR	0	0	0	0	5	6	5	7
MICE MALE	0	0	5	6	5	7	3	5
AZT 120 9 mo M								
								* TOTALS

Testes	+	+							26
Seminiferous Tubule, Degeneration									1 4.0

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+							26
Lymph Node									1
Lymph Node, Mandibular	+	+							26
Hyperplasia, Lymphoid									2 1.5
Lymph Node, Mesenteric	+	+							25
Hematopoietic Cell Proliferation									1 2.0
Hyperplasia, Lymphoid	2	2							14 1.8
Infiltration Cellular, Polymorphonuclear									1 2.0
Spleen	+	A							25
Hematopoietic Cell Proliferation									1 3.0
Hemorrhage									1 2.0
Hyperplasia, Lymphoid									2 1.5
Thymus	+	+							24

INTEGUMENTARY SYSTEM

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DAY ON TEST	0	0		
	3	2		
	3	9		
	2	4		
<hr/>				
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0		
MICE MALE	0	0		
	5	6		
ANIMAL ID	5	7		
AZT 120 9 mo M	3	5		
				* TOTALS
Mammary Gland	M	M		2
Skin	+	+		27
Abscess				1 4.0
Hemorrhage				1 4.0
<hr/>				
MUSCULOSKELETAL SYSTEM				
Bone, Femur	+	+		27
Skeletal Muscle	+	+		27
<hr/>				
NERVOUS SYSTEM				
Brain, Brain Stem	+	+		27
Brain, Cerebellum	+	+		27
Hemorrhage				1 1.0
Brain, Cerebrum	+	+		27
<hr/>				
RESPIRATORY SYSTEM				
Lung	+	+		27
Congestion		4		1 4.0

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Page 50

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	3	2		
	3	9		
	2	4		
<hr/>				
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0		
MICE MALE	0	0		
	5	6		
ANIMAL ID	5	7		
AZT 120 9 mo M	3	5		
				* TOTALS
Infiltration Cellular, Polymorphonuclear				1 2.0
Nose	+	+		25
Trachea	+	+		27
<hr/>				
SPECIAL SENSES SYSTEM				
Eye	+	+		25
Harderian Gland	+	+		27
<hr/>				
URINARY SYSTEM				
Kidney	+	+		26
Casts Protein				1 1.0
Infiltration Cellular, Lymphocyte	1			4 1.3
Pelvis, Dilatation				1 1.0
Pelvis, Inflammation, Chronic				1 2.0
Urinary Bladder	+	+		26
Lumen, Dilatation				2 3.5

*** END OF MALE DATA ***

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	3	2	
	3	9	
	2	4	
.....			
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0	
MICE MALE	0	0	
	5	6	
ANIMAL ID	5	7	
AZT 120 9 mo M	3	5	
			* TOTALS

*** END OF REPORT ***

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