

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: 11:50:52

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 612 Vehicle 6 mo M Include 615 AZT 120 6 mo M

Study Gender: Male

TDMSE Version: 2.1.0

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

males (cont...)

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	M	M
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	2	1	1	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver Vacuolization Cytoplasmic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Salivary Glands Infiltration Cellular, Lymphocyte	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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 + .. Tissue examined microscopically
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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	2	2
	3	3	2	2	3	3	3	3	2	2	2	2	2	2	3	3	3	3	2	2	2	3	3	3	3
	0	0	8	7	1	1	0	0	9	9	8	8	6	5	0	1	0	0	9	6	6	1	1	1	1
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	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3
Vehicle 6 mo M	0	1	2	3	6	0	1	2	3	4	4	5	6	7	3	9	7	8	9	0	4	3	4	5	6

males
(cont...)

Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart Cardiomyopathy	+	+	+	+	+	+	+	+	+	+	1	+	+	+	+	+	1	+	+	+	+	+	+	+	+

ENDOCRINE SYSTEM

Adrenal Cortex Subcapsular, Hyperplasia	+	+	+	+	+	1	+	+	+	+	+	+	+	+	+	+	+	1	+	+	+	+	+	+	+
Adrenal Medulla	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	M	+	+	M	+	+	M	M	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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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	2	2	3	3	3	3	2	2	2	2	2	2	3	3	3	3	2	2	2	3	3	3	3	3
0	0	8	7	1	1	0	0	9	9	8	8	6	5	0	1	0	0	9	6	6	1	1	1	1	1
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 6 mo M	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
ANIMAL ID	1	1	1	1	2	3	3	3	3	3	5	5	5	5	6	6	7	7	7	8	8	9	9	9	9
Thyroid Gland	0	1	2	3	6	0	1	2	3	4	4	5	6	7	3	9	7	8	9	0	4	3	4	5	6

males (cont...)

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

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

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node, Mandibular Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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	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	2	2	3	3	3	3	2	2	2	2	2	2	3	3	3	3	2	2	2	3	3	3	3
	0	0	8	7	1	1	0	0	9	9	8	8	6	5	0	1	0	0	9	6	6	1	1	1	1
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	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3
Vehicle 6 mo M	1	1	1	1	2	3	3	3	3	3	5	5	5	5	6	6	7	7	8	8	9	9	9	9	9
ANIMAL ID	0	1	2	3	6	0	1	2	3	4	4	5	6	7	3	9	7	8	9	0	4	3	4	5	6

males
(cont...)

Hyperplasia, Lymphoid	3		1	2	2		2	1			2	2			2	1	2		2	2	2	2	2	2	2
Hyperplasia, Plasma Cell	3																								
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic Cell Proliferation																									2
Hyperplasia, Lymphoid																									2
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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

NERVOUS SYSTEM

Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
-------------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

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

males
(cont...)

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

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Nose Inflammation, Suppurative	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

SPECIAL SENSES SYSTEM

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

URINARY SYSTEM

Kidney Infiltration Cellular, Lymphocyte Transitional Epithelium, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
					1	1	1							1				1	1	1			

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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			
	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	2	2	3	3	3	3	2	2	2	2	2	2	3	3	3	3	2	2	2	3	3	3	3		
	0	0	8	7	1	1	0	0	9	9	8	8	6	5	0	1	0	0	9	6	6	1	1	1	1		
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	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	
Vehicle 6 mo M	1	1	1	1	2	3	3	3	3	3	5	5	5	5	6	6	7	7	7	8	8	9	9	9	9	males	
ANIMAL ID	0	1	2	3	6	0	1	2	3	4	4	5	6	7	3	9	7	8	9	0	4	3	4	5	6	(cont...)	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Lumen, Dilatation																										3	

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DAY ON TEST	0	0	2	2	3	3	1	1
<hr/>								
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0	0	0	5	5	5	5
MICE MALE	0	0	0	0	5	5	5	5
Vehicle 6 mo M	7	8						
								* TOTALS

ALIMENTARY SYSTEM

Esophagus	+	+							23
Gallbladder	+	+							26
Intestine Large, Cecum Hyperplasia, Lymphoid	+	+							27
									3 1.3
Intestine Large, Colon	+	+							27
Intestine Large, Rectum	+	+							27
Intestine Small, Duodenum	+	+							27
Intestine Small, Ileum	+	+							27
Intestine Small, Jejunum	+	+							27
Liver Vacuolization Cytoplasmic	+	+							27
									8 1.1
Pancreas	+	+							27
Salivary Glands Infiltration Cellular, Lymphocyte	+	+							27
									5 1.0

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DAY ON TEST	0	0	
	2	2	
	3	3	
	1	1	
<hr/>			
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0	
MICE MALE	0	0	
ANIMAL ID	5	5	
	5	5	
Vehicle 6 mo M	7	8	
			* TOTALS

Stomach, Forestomach	+	+	27
Stomach, Glandular	+	+	27

CARDIOVASCULAR SYSTEM

Blood Vessel	+	M	26
Heart	+	+	27
Cardiomyopathy			2 1.0

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	27
Subcapsular, Hyperplasia			2 1.0
Adrenal Medulla	+	+	26
Islets, Pancreatic	+	+	27
Parathyroid Gland	+	+	22
Pituitary Gland	+	+	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 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: 11:50:52
 First Dose M/F: 11/18/04 / NA
 Lab: NCTR

DAY ON TEST	0	0	
	2	2	
	3	3	
	1	1	
.....			
C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE	0	0	
	0	0	
	5	5	
ANIMAL ID	5	5	
Vehicle 6 mo M	7	8	
			* TOTALS
Thyroid Gland	+	+	26

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

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

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	27
Lymph Node, Mandibular Hyperplasia, Lymphoid	+	+	26 1 1.0
Lymph Node, Mesenteric	+	+	27

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

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 10

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: 11:50:52
 First Dose M/F: 11/18/04 / NA
 Lab: NCTR

DAY ON TEST			
	0	0	
	2	2	
	3	3	
	1	1	
.....			
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0	
MICE MALE	0	0	
	5	5	
ANIMAL ID	5	5	
Vehicle 6 mo M	7	8	
			* TOTALS
Hyperplasia, Lymphoid	2	2	19 1.9
Hyperplasia, Plasma Cell			1 3.0
.....			
Spleen	+	+	27
Hematopoietic Cell Proliferation			1 2.0
Hyperplasia, Lymphoid			2 2.0
.....			
Thymus	+	M	26
.....			
INTEGUMENTARY SYSTEM			
.....			
Mammary Gland	M	+	1
.....			
Skin	+	+	27
.....			
MUSCULOSKELETAL SYSTEM			
.....			
Bone, Femur	+	+	27
.....			
Skeletal Muscle	+	+	27
.....			
NERVOUS SYSTEM			
.....			
Brain, Brain Stem	+	+	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
 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: 11:50:52
 First Dose M/F: 11/18/04 / NA
 Lab: NCTR

DAY ON TEST	0	0	
	2	2	
	3	3	
	1	1	
.....			
C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE	0	0	
	0	0	
	5	5	
ANIMAL ID	5	5	
Vehicle 6 mo M	7	8	
			* TOTALS
Brain, Cerebellum	+	+	27
.....			
Brain, Cerebrum	+	+	27
.....			
RESPIRATORY SYSTEM			
.....			
Lung	+	+	27
.....			
Nose	+	+	27
Inflammation, Suppurative			1 1.0
.....			
Trachea	+	+	27
.....			
SPECIAL SENSES SYSTEM			
.....			
Eye	+	+	27
.....			
Harderian Gland	+	+	27
.....			
URINARY SYSTEM			
.....			
Kidney	+	+	27
Infiltration Cellular, Lymphocyte			7 1.0
Transitional Epithelium, 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 - 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: 11:50:52
 First Dose M/F: 11/18/04 / NA
 Lab: NCTR

DAY ON TEST	0	0	
	2	2	
	3	3	
	1	1	
.....			
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0	
MICE MALE	0	0	
	5	5	
ANIMAL ID	5	5	
Vehicle 6 mo M	7	8	
			* TOTALS
Urinary Bladder	+	+	27
Lumen, Dilatation			1 3.0

* .. 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 13

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: 11:50:52
 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		
DAY ON TEST		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	0	
DAY ON TEST		2	2	2	2	3	3	2	2	2	2	2	3	3	2	2	2	2	2	2	2	3	8	3	9	
DAY ON TEST		9	7	7	6	1	1	7	9	8	8	5	0	0	9	9	9	7	7	9	9	9	9	4	0	8
C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE	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	
	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	
	ANIMAL ID	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4	4	4	
	ANIMAL ID	1	1	2	2	4	4	4	4	6	6	6	7	7	7	7	8	8	3	4	4	5	6	6	8	
AZT 120 6 mo M	ANIMAL ID	8	9	0	3	7	0	1	2	3	1	2	5	0	1	2	3	5	8	9	1	2	3	5	1	

males
(cont...)

ALIMENTARY SYSTEM

Esophagus	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	2
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver Fatty Change Vacuolization Cytoplasmic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
			X																						
						1			1		1							1							
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* .. 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: 11:50:52

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	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	0	0		
	2	2	2	2	3	3	2	2	2	2	2	3	3	2	2	2	2	2	2	2	3	8	3	9			
	9	7	7	6	1	1	7	9	8	8	5	0	0	9	9	9	7	7	9	9	9	9	4	0	8		
.....																											
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 6 mo M	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4	4	4	4	4	
ANIMAL ID	1	1	2	2	4	4	4	4	6	6	6	7	7	7	7	8	8	3	4	4	4	5	6	6	8		
	8	9	0	3	7	0	1	2	3	1	2	5	0	1	2	3	5	8	9	1	2	3	5	1			
																									males (cont...)		

Stomach, Forestomach

+ +

Stomach, Glandular

+ +

CARDIOVASCULAR SYSTEM

Blood Vessel

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

Heart

+ +

ENDOCRINE SYSTEM

Adrenal Cortex
Subcapsular, Hyperplasia

+
1 1

Adrenal Medulla

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

Islets, Pancreatic

+ +

Parathyroid Gland

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

Pituitary Gland

+ M

Thyroid Gland

+ +

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

+ .. Tissue examined microscopically

x .. Lesion present

l .. 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: 11:50:52
 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 | |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 0 |
| | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 8 | 3 | 9 |
| | 9 | 7 | 7 | 6 | 1 | 1 | 7 | 9 | 8 | 8 | 5 | 0 | 0 | 9 | 9 | 9 | 7 | 7 | 9 | 9 | 9 | 9 | 4 | 0 | 8 |

| 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 |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | 1 | 1 | 2 | 2 | 4 | 4 | 4 | 4 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 8 | 3 | 4 | 4 | 5 | 6 | 6 | 8 |
| AZT 120 6 mo M | 8 | 9 | 0 | 3 | 7 | 0 | 1 | 2 | 3 | 1 | 2 | 5 | 0 | 1 | 2 | 3 | 5 | 8 | 9 | 1 | 2 | 2 | 3 | 5 |

males (cont...)

| | | |
|--|---|---|
| Cyst Infiltration Cellular, Lymphocyte | 1 | 2 |
|--|---|---|

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Preputial Gland Atrophy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Prostate Inflammation, Suppurative | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Seminal Vesicle Lumen, Dilatation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Testes Seminiferous Tubule, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow Myeloid Cell, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | 3 |

* .. 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 (AZD)

CAS Number: 30516-87-1

Date Report Requested: 07/22/2009

Time Report Requested: 11:50:52

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

Lab: NCTR

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 0 |
| 2 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 8 | 3 | 9 |
| 9 | 7 | 7 | 6 | 1 | 1 | 7 | 9 | 8 | 8 | 5 | 0 | 0 | 9 | 9 | 9 | 7 | 7 | 9 | 9 | 9 | 9 | 4 | 0 | 8 |
| 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 |
| AZT 120 6 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 | 0 |
| ANIMAL ID | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 4 |
| | 1 | 1 | 2 | 2 | 4 | 4 | 4 | 4 | 6 | 6 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 3 | 4 | 4 | 5 | 6 | 6 | 8 |
| | 8 | 9 | 0 | 3 | 7 | 0 | 1 | 2 | 3 | 1 | 2 | 5 | 0 | 1 | 2 | 3 | 5 | 8 | 9 | 1 | 2 | 3 | 5 | 1 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | + |
| Lymph Node, Mandibular
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymph Node, Mesenteric
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + |
| Spleen
Hematopoietic Cell Proliferation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Thymus
Atrophy
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

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

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

* .. 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: 11:50:52
 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 |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 0 | 0 |
| | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 8 | 3 | 9 | 9 | 9 |
| | 9 | 7 | 7 | 6 | 1 | 1 | 7 | 9 | 8 | 8 | 5 | 0 | 0 | 9 | 9 | 9 | 7 | 7 | 9 | 9 | 9 | 9 | 4 | 0 | 8 | 8 | 8 |

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

ANIMAL ID

AZT 120 6 mo M

Skeletal Muscle +

males (cont...)

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

| | |
|--------------------------------|---|
| Lung Abscess | + + + + + + + + + + + + + + + + 4 + + + + + + + + |
| Nose Inflammation, Suppurative | + + + + + + + + + + 2 + + + + + + + + + + + + + + |
| Trachea | + |

SPECIAL SENSES SYSTEM

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

* .. 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: 11:50:52
 First Dose M/F: 11/18/04 / NA
 Lab: NCTR

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

ALIMENTARY SYSTEM

| | | | |
|--|---|----|------------|
| Esophagus | + | 23 | |
| Gallbladder | + | 26 | |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | + | 26 | 1 2.0 |
| Intestine Large, Colon | + | 26 | |
| Intestine Large, Rectum | + | 26 | |
| Intestine Small, Duodenum | + | 26 | |
| Intestine Small, Ileum | + | 26 | |
| Intestine Small, Jejunum | + | 26 | |
| Liver
Fatty Change
Vacuolization Cytoplasmic | + | 26 | 1
4 1.0 |
| Pancreas | + | 26 | |
| Salivary Glands | + | 26 | |

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+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

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Page 20

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

| | | |
|----------------------|---|-----------|
| Stomach, Forestomach | + | 26 |
| Stomach, Glandular | + | 26 |

CARDIOVASCULAR SYSTEM

| | | |
|--------------|---|-----------|
| Blood Vessel | + | 25 |
| Heart | + | 26 |

ENDOCRINE SYSTEM

| | | | |
|--|---|-----------|--------------|
| Adrenal Cortex
Subcapsular, Hyperplasia | + | 26 | 2 1.0 |
| Adrenal Medulla | + | 24 | |
| Islets, Pancreatic | + | 26 | |
| Parathyroid Gland | M | 23 | |
| Pituitary Gland | + | 25 | |
| Thyroid Gland | + | 26 | |

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

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

| | | | |
|-----------------------------------|--|--|--------------|
| Cyst | | | 1 2.0 |
| Infiltration Cellular, Lymphocyte | | | 1 1.0 |

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

| | | | | |
|-----------------------------------|---|--|-----------|--------------|
| Epididymis | + | | 26 | |
| Preputial Gland | + | | 26 | |
| Atrophy | | | | 1 3.0 |
| Prostate | + | | 26 | |
| Inflammation, Suppurative | | | | 1 3.0 |
| Seminal Vesicle | + | | 26 | |
| Lumen, Dilatation | | | | 1 1.0 |
| Testes | + | | 26 | |
| Seminiferous Tubule, Degeneration | | | | 1 1.0 |

HEMATOPOIETIC SYSTEM

| | | | | |
|---------------------------|---|--|-----------|--------------|
| Bone Marrow | + | | 26 | |
| Myeloid Cell, Hyperplasia | | | | 1 3.0 |

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Page 22

1-4 .. Lesion qualified as:

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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: 11:50:52
 First Dose M/F: 11/18/04 / NA
 Lab: NCTR

| DAY ON TEST | 0 | 2 | 2 | 9 | |
|------------------------------------|---|---|---|---|-----------------|
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | 5 | 0 | |
| MICE MALE | | | | | |
| AZT 120 6 mo M | | | | 1 | * TOTALS |

| | | | | | | |
|---|---|---|--|--|----|----------------|
| Lymph Node | | | | | 1 | |
| Lymph Node, Mandibular
Hyperplasia, Lymphoid | + | | | | 26 | 1 1.0 |
| Lymph Node, Mesenteric
Hyperplasia, Lymphoid | + | 2 | | | 25 | 16 1.4 |
| Spleen
Hematopoietic Cell Proliferation | + | | | | 26 | 2 2.5 |
| Thymus
Atrophy
Hyperplasia, Lymphoid | + | | | | 26 | 1 4.0
2 2.0 |

INTEGUMENTARY SYSTEM

| | | | | | | |
|---------------|---|--|--|--|----|--|
| Mammary Gland | M | | | | 0 | |
| Skin | + | | | | 26 | |

MUSCULOSKELETAL SYSTEM

| | | | | | | |
|-------------|---|--|--|--|----|--|
| Bone, Femur | + | | | | 26 | |
|-------------|---|--|--|--|----|--|

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Page 23

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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: 11:50:52
 First Dose M/F: 11/18/04 / NA
 Lab: NCTR

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

| | | | |
|-----------------|---|--|-----------|
| Skeletal Muscle | + | | 26 |
|-----------------|---|--|-----------|

NERVOUS SYSTEM

| | | | |
|-------------------|---|--|-----------|
| Brain, Brain Stem | + | | 26 |
| Brain, Cerebellum | + | | 26 |
| Brain, Cerebrum | + | | 26 |

RESPIRATORY SYSTEM

| | | | |
|---------------------------|---|--|--------------|
| Lung | + | | 26 |
| Abscess | | | 1 4.0 |
| Nose | + | | 26 |
| Inflammation, Suppurative | | | 1 2.0 |
| Trachea | + | | 26 |

SPECIAL SENSES SYSTEM

| | | | |
|-----------------|---|--|-----------|
| Eye | + | | 26 |
| Harderian Gland | + | | 26 |

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 + .. Tissue examined microscopically
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 Page 24

TDMS No. 20310 - 02
 Test Type: 26-39 WEEKS
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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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| DAY ON TEST | | | |
|--|---|--|-----------------|
| | 0 | | |
| | 2 | | |
| | 2 | | |
| | 9 | | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE MALE | 0 | | |
| | 0 | | |
| | 5 | | |
| ANIMAL ID | 0 | | |
| AZT 120 6 mo M | 1 | | |
| | | | * TOTALS |
| Epithelium, Hyperplasia | | | 1 2.0 |

URINARY SYSTEM

| | | | | |
|--------------------------------------|---|--|-----------|--------------|
| Kidney | + | | 26 | |
| Bacterium | | | | 1 2.0 |
| Infiltration Cellular, Lymphocyte | | | | 2 1.0 |
| Inflammation, Chronic Active | | | | 1 2.0 |
| Nephropathy | | | | 1 4.0 |
| Pelvis, Dilatation | | | | 2 2.0 |
| Transitional Epithelium, Hyperplasia | | | | 1 2.0 |
| | | | | |
| Urinary Bladder | + | | 26 | |
| Lumen, Dilatation | | | | 2 2.5 |

*** END OF MALE DATA ***

*** END OF REPORT ***

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Page 25

1-4 .. Lesion qualified as:

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2) Mild 4) Marked