

TDMS No. 20310 - 01

Test Type: 26-39 WEEKS

Route: GAVAGE

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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

CAS Number: 30516-87-1

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:29

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

Lab: NCTR

C Number: C20310C

Lock Date: 12/01/2008

Cage Range: ALL

Date Range: ALL

Reasons For Removal: ALL

Removal Date Range: ALL

Treatment Groups: Include ALL

Study Gender: Female

TDMSE Version: 2.1.0

TDMS No. 20310 - 01
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 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

females
(cont...)

ALIMENTARY SYSTEM

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

* .. 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 2

TDMS No. 20310 - 01
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 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	4	3	3	2	2	2	3	3	3	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	3	3	3	3
	5	0	0	8	6	4	1	0	0	9	8	8	6	5	5	9	0	1	0	0	9	9	6	6	1			
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 FEMALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vehicle 6 mo F	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
ANIMAL ID	7	1	1	1	1	2	3	3	3	3	3	4	5	5	5	5	6	6	7	7	8	8	8	8	9	9	9	9
	3	4	5	6	7	2	5	6	7	8	9	9	0	1	2	3	6	8	4	5	6	1	2	3	9			females (cont...)

Salivary Glands
 Infiltration Cellular, Lymphocyte

+
 1 1 1 1 1 2 1

Stomach, Forestomach

+ +

Stomach, Glandular

+ +

CARDIOVASCULAR SYSTEM

Blood Vessel

+ +

Heart
 Cardiomyopathy
 Pericardium, Inflammation, Chronic

+
 1
 3

ENDOCRINE SYSTEM

Adrenal Cortex
 Accessory Adrenal Cortical Nodule
 Vacuolization Cytoplasmic
 Subcapsular, Hyperplasia

+
 X
 2 2
 1

Adrenal Medulla

+ +

Islets, Pancreatic

+ +

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

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 CAS Number: 30516-87-1

Date Report Requested: 06/29/2009
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 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Parathyroid Gland
Infiltration Cellular, Lymphocyte | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | M | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Thyroid Gland
Cyst
Infiltration Cellular, Lymphocyte | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland | + | + | M | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Uterus
Endometrium, Hyperplasia, Cystic
Lumen, Dilatation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Vagina | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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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 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| | | 4 | 3 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 3 | | |
| | | 5 | 0 | 0 | 8 | 6 | 4 | 1 | 0 | 0 | 9 | 8 | 8 | 6 | 5 | 5 | 9 | 0 | 1 | 0 | 0 | 9 | 9 | 6 | 6 | 1 | |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | |
| | ANIMAL ID | 7 | 1 | 1 | 1 | 1 | 2 | 3 | 3 | 3 | 3 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | |
| Vehicle 6 mo F | | 3 | 4 | 5 | 6 | 7 | 2 | 5 | 6 | 7 | 8 | 9 | 9 | 0 | 1 | 2 | 3 | 6 | 8 | 4 | 5 | 6 | 1 | 2 | 3 | 9 | females
(cont...) |

INTEGUMENTARY SYSTEM

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

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
x .. Lesion present
I .. Insufficient tissue
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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 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 4 | 3 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 3 | |
| | 5 | 0 | 0 | 8 | 6 | 4 | 1 | 0 | 0 | 9 | 8 | 8 | 6 | 5 | 5 | 9 | 0 | 1 | 0 | 0 | 9 | 9 | 6 | 6 | 1 |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 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 FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vehicle 6 mo F | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 |
| ANIMAL ID | 7 | 1 | 1 | 1 | 1 | 2 | 3 | 3 | 3 | 3 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 9 |
| | 3 | 4 | 5 | 6 | 7 | 2 | 5 | 6 | 7 | 8 | 9 | 9 | 0 | 1 | 2 | 3 | 6 | 8 | 4 | 5 | 6 | 1 | 2 | 3 | 9 |

**females
(cont...)**

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Abscess Infiltration Cellular, Lymphocyte Mediastinum, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | 1 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Harderian Gland Infiltration Cellular, Lymphocyte | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney Infiltration Cellular, Lymphocyte Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | 1 | | | | 1 | | | 1 | 1 | | | | | | | | | 1 | 1 | 2 | | 1 | | | | |
| Urinary Bladder Infiltration Cellular, Lymphocyte | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | 1 | | | | | | | | | | | | | | | | 1 | 1 | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
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 Lab: NCTR

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

ALIMENTARY SYSTEM

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

* .. 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 8

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

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

CARDIOVASCULAR SYSTEM

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

ENDOCRINE SYSTEM

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

* .. 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 - 01
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

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

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

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

* .. 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 10

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

HEMATOPOIETIC SYSTEM

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

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

INTEGUMENTARY SYSTEM

| | | | |
|---------------|---|---|-----------|
| Mammary Gland | + | A | 24 |
| Skin | + | A | 26 |

MUSCULOSKELETAL SYSTEM

| | | | |
|-----------------|---|---|-----------|
| Bone, Femur | + | + | 27 |
| Skeletal Muscle | + | + | 27 |

NERVOUS SYSTEM

| | | | |
|---------------------------|---|---|-----------|
| Brain, Brain Stem | + | A | 26 |
| Brain, Cerebellum | + | A | 26 |
| Brain, Cerebrum | + | A | 26 |
| Cyst Epithelial Inclusion | | | 1 |

RESPIRATORY SYSTEM

| | | | |
|------|---|---|-----------|
| Lung | + | A | 26 |
|------|---|---|-----------|

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 12

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | 0 | 1 | 2 | 3 | 4 | | | |
|------------------------------------|---|---|---|---|---|---|---|-----------------|
| | 0 | 0 | 2 | 1 | 0 | 3 | 6 | 9 |
| <hr/> | | | | | | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | 0 | 0 | 4 | 4 | 4 | 6 |
| MICE FEMALE | 4 | 4 | 4 | 6 | 3 | 4 | | |
| Vehicle 6 mo F | | | | | | | | |
| | | | | | | | | * TOTALS |
| Abscess | | | | | | | | 2 4.0 |
| Infiltration Cellular, Lymphocyte | | | | | | | | 1 1.0 |
| Mediastinum, Necrosis | | | | | | | | 1 4.0 |
| <hr/> | | | | | | | | |
| Nose | + | A | | | | | | 26 |
| <hr/> | | | | | | | | |
| Trachea | + | A | | | | | | 26 |
| <hr/> | | | | | | | | |
| SPECIAL SENSES SYSTEM | | | | | | | | |
| <hr/> | | | | | | | | |
| Eye | + | A | | | | | | 26 |
| <hr/> | | | | | | | | |
| Harderian Gland | + | A | | | | | | 26 |
| Infiltration Cellular, Lymphocyte | | | | | | | | 1 1.0 |
| <hr/> | | | | | | | | |
| URINARY SYSTEM | | | | | | | | |
| <hr/> | | | | | | | | |
| Kidney | + | A | | | | | | 26 |
| Infiltration Cellular, Lymphocyte | | | | | | | | 8 1.1 |
| Inflammation, Chronic Active | | | | | | | | 1 1.0 |
| <hr/> | | | | | | | | |
| Urinary Bladder | + | A | | | | | | 26 |
| Infiltration Cellular, Lymphocyte | | | | | | | | 3 1.0 |

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

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

females
(cont...)

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 2 | 2 | | | | |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte
Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | 2 | | | | | | | |
| Tension Lipidosis | | | | | | | | | | | | | | | 1 | | | | 1 | | | | | | |
| Vacuolization Cytoplasmic | | | 2 | | | | | | | | 2 | | | | | | 1 | | | | | | | | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
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 2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

females (cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Infiltration Cellular, Lymphocyte Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Salivary Glands Infiltration Cellular, Lymphocyte | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | 1 | 1 | | | | 1 | 1 | | | | | | 2 | | | | | | 1 | 1 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Heart Pericardium, Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Heart Pericardium, Mineralization | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex Accessory Adrenal Cortical Nodule Subcapsular, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. 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 15

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| AZT 120 6 mo F | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Parathyroid Gland | + | M | + | + | + | + | + | + | + | + | + | + | + | + | M | + | M | + | + | + | + | M | + | + | M | + |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Thyroid Gland
Infiltration Cellular, Lymphocyte | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

females
(cont...)

GENERAL BODY SYSTEM

| | |
|------------|---|
| Tissue NOS | + |
| Abscess | 4 |

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + |
| Ovary
Cyst | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Uterus
Endometrium, Hyperplasia, Cystic
Lumen, Dilatation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Vagina | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

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

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

females
(cont...)

HEMATOPOIETIC SYSTEM

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

INTEGUMENTARY SYSTEM

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

* .. 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 17

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | Animals | | | | | | | | | | | | | | | | | | | | | | | | females (cont...) | | |
|--|---------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------------------|---|----------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | | | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| 2 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| 7 | 9 | 6 | 1 | 1 | 0 | 9 | 9 | 9 | 8 | 8 | 7 | 5 | 0 | 0 | 7 | 7 | 1 | 0 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AZT 120 6 mo F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ANIMAL ID | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 6 | 6 | 6 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | 1 | 4 | 5 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 8 | 9 | 0 | 4 | 7 | 6 | 7 | 1 | 2 | 7 | 8 | 7 | 8 | 7 | 8 | 0 | 2 |

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

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

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

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

females
(cont...)

SPECIAL SENSES SYSTEM

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

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | 1 | | | | | | 1 | | | | | | | | | 1 | | | | | | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | 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

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

ALIMENTARY SYSTEM

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

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 20

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

| | | | |
|-----------------------------------|--|----------|------------|
| Infiltration Cellular, Lymphocyte | | 1 | 1.0 |
| Inflammation, Chronic Active | | 1 | 1.0 |

| | | | |
|-----------------------------------|---|-----------|--------------|
| Salivary Glands | + | 26 | |
| Infiltration Cellular, Lymphocyte | | | 7 1.1 |

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

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

CARDIOVASCULAR SYSTEM

| | | | |
|--------------|---|-----------|--|
| Blood Vessel | + | 25 | |
|--------------|---|-----------|--|

| | | | |
|---|---|-----------|--------------|
| Heart | + | 26 | |
| Pericardium, Inflammation, Chronic Active | | | 1 2.0 |
| Pericardium, Mineralization | | | 1 3.0 |

ENDOCRINE SYSTEM

| | | | |
|-----------------------------------|---|-----------|---------------|
| Adrenal Cortex | + | 26 | |
| Accessory Adrenal Cortical Nodule | | | 1 |
| Subcapsular, Hyperplasia | | | 24 1.0 |

| | | | |
|-----------------|---|-----------|--|
| Adrenal Medulla | + | 26 | |
|-----------------|---|-----------|--|

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 21

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

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

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

HEMATOPOIETIC SYSTEM

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

INTEGUMENTARY SYSTEM

| | | | | |
|---------------|---|--|----|--|
| Mammary Gland | + | | 24 | |
| Skin | + | | 26 | |

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 23

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

MUSCULOSKELETAL SYSTEM

| | | |
|-----------------|---|----|
| Bone, Femur | + | 26 |
| Skeletal Muscle | + | 26 |

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

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

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

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 24

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

SPECIAL SENSES SYSTEM

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

URINARY SYSTEM

| | | | |
|-----------------------------------|---|-----------|--------------|
| Kidney | + | 26 | |
| Infiltration Cellular, Lymphocyte | | | 3 1.0 |
| Urinary Bladder | + | 26 | |
| Infiltration Cellular, Lymphocyte | | | 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 25

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

females
(cont...)

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + |
| | | | | | | | | 2 | 3 | | | | | | | | | | | | | | | | |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Tension Lipidosis | | | | 1 | | | 1 | | | | 1 | | | | | | | | | | | | | | |
| Vacuolization Cytoplasmic | | 1 | 1 | | | | | | | 1 | | | | | 1 | | | | | 1 | | 2 | | | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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 26

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Salivary Glands
Infiltration Cellular, Lymphocyte | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | 1 | 2 | | | | | | 1 | | 1 | 1 | 2 | 1 | 1 | | 1 | | | 1 | 1 | 1 | 1 | | | 1 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Heart
Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex
Subcapsular, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Parathyroid Gland | + | + | + | + | M | M | + | + | + | M | + | + | + | + | + | + | M | + | + | + | + | + | + | + | M | + | + |

* .. 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 27

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

females
(cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Thyroid Gland
Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + |
| | | | | | | 1 | | | | | | | | | | | | | | | | | | | |

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Polymorphonuclear
Endometrium, Hyperplasia, Cystic
Lumen, Dilatation | | | | 1 | 2 | 1 | | 1 | 1 | 2 | | 2 | 1 | | | | | 1 | | 1 | | 1 | | | |
| Vagina | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

HEMATOPOIETIC SYSTEM

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

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
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 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
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TDMS No. 20310 - 01
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 |
| | 9 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 8 | |
| | 8 | 5 | 5 | 3 | 3 | 7 | 6 | 6 | 5 | 5 | 4 | 4 | 4 | 2 | 8 | 8 | 5 | 5 | 5 | 5 | 5 | 5 | 9 | 4 | 3 |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |
| Vehicle 9 mo F | 0 | 8 | 9 | 9 | 9 | 3 | 5 | 5 | 5 | 6 | 7 | 7 | 7 | 0 | 1 | 3 | 4 | 1 | 1 | 1 | 2 | 3 | 4 | 5 | |
| | 9 | 9 | 0 | 1 | 2 | 3 | 1 | 2 | 3 | 4 | 0 | 6 | 7 | 8 | 0 | 4 | 1 | 6 | 3 | 8 | 9 | 0 | 8 | 2 | |
| Skeletal Muscle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Atrophy | 2 | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Cyst | 4 | | | | | | | | | | | | | | | | | | | | | | | | |

females
(cont...)

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebrum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Peripheral Nerve
Axon, Degeneration | + | | | | | | | | | | | | | | | | | | | | | | | + |
| | 2 | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Spinal Cord
Axon, Degeneration | + | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | | | | | | | | | | | | | | | | | | | | | | | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
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 2) Mild 4) Marked
 Page 30

TDMS No. 20310 - 01
 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: 06/29/2009
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 Lab: NCTR

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

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

females (cont...)

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + |
| Cataract | | | 1 | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Casts Protein | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Infiltration Cellular, Lymphocyte | | 1 | 1 | | | | 2 | | | | 1 | | | | 1 | | | 1 | | 1 | | 1 | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | 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 31

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

ALIMENTARY SYSTEM

| | | | |
|---|---|----|----------------|
| Esophagus | + | 26 | |
| Gallbladder | + | 25 | |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | + | 25 | 2 2.5 |
| Intestine Large, Colon | + | 26 | |
| Intestine Large, Rectum | + | 25 | |
| Intestine Small, Duodenum | + | 26 | |
| Intestine Small, Ileum | + | 25 | |
| Intestine Small, Jejunum | + | 25 | |
| Liver
Tension Lipidosis
Vacuolization Cytoplasmic | + | 26 | 3 1.0
6 1.2 |
| Mesentery
Hemorrhage | | 1 | 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 32

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

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

| DAY ON TEST | | | |
|------------------------------------|------------------|---|-----------------|
| | | 0 | |
| | | 3 | |
| | | 3 | |
| | | 6 | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | | 0 | |
| MICE FEMALE | | 0 | |
| | | 6 | |
| | | 3 | |
| Vehicle 9 mo F | ANIMAL ID | 2 | |
| | | | * TOTALS |
| Pancreas | + | | 26 |
| | | | |
| Salivary Glands | + | | 26 |
| Infiltration Cellular, Lymphocyte | 2 | | 15 1.2 |
| | | | |
| Stomach, Forestomach | + | | 26 |
| | | | |
| Stomach, Glandular | + | | 25 |
| | | | |
| CARDIOVASCULAR SYSTEM | | | |
| | | | |
| Blood Vessel | + | | 26 |
| | | | |
| Heart | + | | 26 |
| Inflammation, Chronic Active | | | 1 1.0 |
| | | | |
| ENDOCRINE SYSTEM | | | |
| | | | |
| Adrenal Cortex | + | | 26 |
| Subcapsular, Hyperplasia | | | 25 1.0 |
| | | | |
| Adrenal Medulla | + | | 25 |
| | | | |
| Islets, Pancreatic | + | | 26 |
| | | | |
| Parathyroid Gland | + | | 21 |

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

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

| | | | | |
|-------------------------------|---|--|-----------|--------------|
| Pituitary Gland | + | | 26 | |
| Thyroid Gland
Degeneration | + | | 25 | 1 1.0 |

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

| | | | | |
|---|---|--|-----------|---|
| Clitoral Gland | + | | 25 | |
| Ovary | + | | 26 | |
| Uterus | + | | 26 | |
| Infiltration Cellular, Polymorphonuclear
Endometrium, Hyperplasia, Cystic
Lumen, Dilatation | 1 | | | 1 2.0
3 1.3
10 1.2 |
| Vagina | + | | 25 | |

HEMATOPOIETIC SYSTEM

| | | | | |
|-------------|---|--|-----------|--|
| Bone Marrow | + | | 26 | |
|-------------|---|--|-----------|--|

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 34

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

| | | | | | | | |
|---|---|---|--|--|----|---|-----|
| Lymph Node
Lumbar, Hyperplasia, Lymphoid | | | | | 1 | 1 | 2.0 |
| Lymph Node, Mandibular | + | | | | 26 | | |
| Lymph Node, Mesenteric
Hyperplasia, Lymphoid | + | | | | 26 | 8 | 1.4 |
| Spleen
Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid | + | | | | 26 | 5 | 2.8 |
| | | | | | | 4 | 2.0 |
| Thymus
Hyperplasia, Lymphoid | + | 2 | | | 24 | 3 | 2.0 |

INTEGUMENTARY SYSTEM

| | | | | | | | |
|---------------|---|--|--|--|----|--|--|
| Mammary Gland | + | | | | 25 | | |
| Skin | + | | | | 26 | | |

MUSCULOSKELETAL SYSTEM

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

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 35

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

| | | | | | |
|-----------------|---|--|--|--|--------------|
| Skeletal Muscle | + | | | | 26 |
| Atrophy | | | | | 2 2.0 |
| Cyst | | | | | 1 4.0 |

NERVOUS SYSTEM

| | | | | | |
|--------------------|---|--|--|--|--------------|
| Brain, Brain Stem | + | | | | 26 |
| Brain, Cerebellum | + | | | | 26 |
| Brain, Cerebrum | + | | | | 26 |
| Peripheral Nerve | | | | | 2 |
| Axon, Degeneration | | | | | 2 2.5 |
| Spinal Cord | | | | | 1 |
| Axon, Degeneration | | | | | 1 2.0 |

RESPIRATORY SYSTEM

| | | | | | |
|---------|---|--|--|--|-----------|
| Lung | + | | | | 26 |
| Nose | + | | | | 26 |
| Trachea | + | | | | 26 |

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 36

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

SPECIAL SENSES SYSTEM

| | | | | |
|-----------------|---|--|----|-------|
| Eye | + | | 25 | |
| Cataract | | | | 1 1.0 |
| Harderian Gland | + | | 26 | |

URINARY SYSTEM

| | | | | |
|-----------------------------------|---|--|----|-------|
| Kidney | + | | 26 | |
| Casts Protein | | | | 1 1.0 |
| Cyst | | | | 1 1.0 |
| Infiltration Cellular, Lymphocyte | 1 | | | 9 1.1 |
| Mineralization | | | | 1 1.0 |
| Urinary Bladder | + | | 26 | |
| Infiltration Cellular, Lymphocyte | | | | 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 37

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | 2 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 4 | 4 | 3 | 3 | 1 | 1 | 5 | 5 | 3 | 3 | 8 | 5 | 5 | 6 | 6 | 4 | 5 | 5 | 5 | 3 | 3 | 6 | 6 | 6 | 3 |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 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 FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AZT 40 9 mo F | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 6 | 6 | 0 | 2 | 3 | 4 | 5 | 8 | 0 | 0 | 0 | 0 | 2 | 4 | 4 | 4 | 4 |
| | 0 | 1 | 2 | 3 | 4 | 7 | 5 | 6 | 3 | 4 | 3 | 9 | 0 | 5 | 1 | 3 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 8 |

females
(cont...)

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus
Adventitia, Necrosis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver
Inflammation, Chronic Active | 1 | | 1 | | | | | | | | | | | | | | | | | | | | | | |
| Tension Lipidosis | | | | 1 | | 2 | | | | | | | 1 | | | | | | | | 2 | | | | |
| Vacuolization Cytoplasmic | | | | 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

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | females (cont...) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------------------|---|-------------------|---|
| | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE
ANIMAL ID | 0 | | | | | | | | | | | | | | | | | | | | | | | | females (cont...) | | | |
| | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AZT 40 9 mo F | 0 | 1 | 2 | 3 | 4 | 7 | 5 | 6 | 3 | 4 | 3 | 2 | 9 | 0 | 5 | 1 | 3 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 8 | females (cont...) | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | + |
| Salivary Glands
Infiltration Cellular, Lymphocyte | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Heart
Bacterium
Pericardium, Necrosis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Adrenal Cortex
Subcapsular, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

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

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3'-Azido-3'-deoxythymidine (AZD)

CAS Number: 30516-87-1

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:29

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

Lab: NCTR

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

females
(cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Parathyroid Gland | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Cyst | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Pituitary Gland | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Thyroid Gland | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Cyst | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Degeneration | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Ectopic Thymus | X | | | | | | | | | | | | | | | | | | | | | | | | |

GENERAL BODY SYSTEM

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

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Clitoral Gland | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Ovary | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Cyst | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Uterus | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Polymorphonuclear | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Endometrium, Hyperplasia, Cystic | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumen, Dilatation | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Vagina | + | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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 40

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Bone Marrow | + + + + + + + + + + + + + + + A + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node | + | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | + | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mesenteric
Hyperplasia, Lymphoid | + + + + + + + + + + + + + + + M + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | |
| Spleen
Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid | + + + + + + + + 2 + + + + + + + + + A + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | |
| Thymus
Bacterium
Foreign Body
Hyperplasia, Lymphoid
Necrosis | + + + + + + + + + + + + + + + A + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Mammary Gland
Alveolus, Hyperplasia | + + + + + + + + + + + + + + + M + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

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

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

females (cont...)

Skin +

MUSCULOSKELETAL SYSTEM

Bone +

Bone, Femur +

Skeletal Muscle +

NERVOUS SYSTEM

Brain, Brain Stem Gliosis +

Brain, Cerebellum +

Brain, Cerebrum Infiltration Cellular, Lymphocyte Mineralization +
 1 1

RESPIRATORY SYSTEM

Lung Bacterium +
 X

* .. 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

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

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

Date Report Requested: 06/29/2009
Time Report Requested: 16:30:29
First Dose M/F: NA / 11/18/04
Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | 2 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |
| | 4 | 4 | 3 | 3 | 1 | 1 | 5 | 5 | 3 | 3 | 8 | 5 | 5 | 6 | 6 | 4 | 5 | 5 | 5 | 3 | 3 | 6 | 6 | 6 | 3 | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 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 FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| AZT 40 9 mo F | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 6 | 6 | 0 | 2 | 3 | 4 | 5 | 8 | 0 | 0 | 0 | 0 | 2 | 4 | 4 | 4 | 4 | | |
| | 0 | 1 | 2 | 3 | 4 | 7 | 5 | 6 | 3 | 4 | 3 | 9 | 0 | 5 | 1 | 3 | 5 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 8 | | |
| Mediastinum, Foreign Body | | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| Mediastinum, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | A | + | + | + | + | + | + | + | + | + | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Casts Protein | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Infiltration Cellular, Lymphocyte | | | 1 | | | | | | | 1 | | | | | | | | | | | 1 | 2 | 1 | | | 1 | |
| Metaplasia, Osseous | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Lymphocyte | | | | | | 1 | | 1 | | | | | | | | | | | | | 1 | | | | | | |

females
(cont...)

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

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

ALIMENTARY SYSTEM

| | | | | | | | |
|--|---|---|---|--|----|---|-----|
| Esophagus
Adventitia, Necrosis | + | + | | | 27 | 1 | 2.0 |
| Gallbladder | + | + | | | 26 | | |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | + | + | | | 27 | 2 | 2.0 |
| Intestine Large, Colon | + | + | | | 26 | | |
| Intestine Large, Rectum
Hyperplasia, Lymphoid | + | + | | | 27 | 1 | 2.0 |
| Intestine Small, Duodenum | + | + | | | 27 | | |
| Intestine Small, Ileum | + | + | | | 27 | | |
| Intestine Small, Jejunum | + | + | | | 27 | | |
| Liver
Inflammation, Chronic Active | + | + | | | 27 | 2 | 1.0 |
| Tension Lipidosis | | | 2 | | | 5 | 1.6 |
| Vacuolization Cytoplasmic | | | | | | 4 | 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 44

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01
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 Lab: NCTR

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

| | | | | |
|-----------------------------------|---|---|----|--------|
| Pancreas | + | + | 27 | |
| | | | | |
| Salivary Glands | + | + | 27 | |
| Infiltration Cellular, Lymphocyte | | 1 | | 14 1.1 |
| | | | | |
| Stomach, Forestomach | + | + | 27 | |
| | | | | |
| Stomach, Glandular | + | + | 27 | |

CARDIOVASCULAR SYSTEM

| | | | | |
|-----------------------|---|---|----|-------|
| Blood Vessel | + | + | 27 | |
| | | | | |
| Heart | + | + | 27 | |
| Bacterium | | | | 1 |
| Pericardium, Necrosis | | | | 1 2.0 |

ENDOCRINE SYSTEM

| | | | | |
|--------------------------|---|---|----|--------|
| Adrenal Cortex | + | + | 27 | |
| Subcapsular, Hyperplasia | 1 | 1 | | 25 1.2 |
| | | | | |
| Adrenal Medulla | + | + | 27 | |
| | | | | |
| Islets, Pancreatic | + | + | 27 | |

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TDMS No. 20310 - 01
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 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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 Lab: NCTR

| DAY ON TEST | 0 | 0 | | |
|------------------------------------|---|---|--|-----------------|
| | 3 | 3 | | |
| | 3 | 2 | | |
| | 5 | 6 | | |
| | | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | | |
| MICE FEMALE | 0 | 0 | | |
| | 5 | 6 | | |
| ANIMAL ID | 5 | 7 | | |
| AZT 40 9 mo F | 0 | 3 | | |
| | | | | * TOTALS |
| Parathyroid Gland | + | + | | 22 |
| Cyst | | | | 1 1.0 |
| | | | | |
| Pituitary Gland | + | + | | 27 |
| | | | | |
| Thyroid Gland | + | + | | 27 |
| Cyst | | | | 1 1.0 |
| Degeneration | | | | 2 1.0 |
| Ectopic Thymus | | | | 2 |

GENERAL BODY SYSTEM

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

GENITAL SYSTEM

| | | | | |
|--|---|---|--|--------|
| Clitoral Gland | + | + | | 26 |
| | | | | |
| Ovary | + | + | | 27 |
| Cyst | | 1 | | 1 1.0 |
| | | | | |
| Uterus | + | + | | 27 |
| Infiltration Cellular, Polymorphonuclear | | | | 3 2.3 |
| Endometrium, Hyperplasia, Cystic | | | | 4 2.0 |
| Lumen, Dilatation | | 1 | | 12 1.3 |
| | | | | |
| Vagina | + | + | | 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
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 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

HEMATOPOIETIC SYSTEM

| | | | | | | |
|--|---|---|--|--|--|--------------------------------|
| Bone Marrow | + | + | | | | 26 |
| Lymph Node | | | | | | 1 |
| Lymph Node, Mandibular | + | + | | | | 27 |
| Lymph Node, Mesenteric
Hyperplasia, Lymphoid | + | + | | | | 26
6 1.8 |
| Spleen
Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid | + | + | | | | 26
4 2.0
5 2.2 |
| Thymus
Bacterium
Foreign Body
Hyperplasia, Lymphoid
Necrosis | + | + | | | | 26
1
1
2 2.0
1 4.0 |

INTEGUMENTARY SYSTEM

| | | | | | | |
|--|---|---|--|--|--|-------------|
| Mammary Gland
Alveolus, Hyperplasia | + | + | | | | 26
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

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BLANK .. Not examined microscopically

Page 47

1-4 .. Lesion qualified as:

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

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

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

| | | | |
|------|---|---|-----------|
| Skin | + | + | 27 |
|------|---|---|-----------|

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

| | | | | |
|-----------------------------------|---|---|-----------|--------------|
| Brain, Brain Stem | + | + | 27 | |
| Gliosis | | 3 | | 1 3.0 |
| Brain, Cerebellum | + | + | 27 | |
| Brain, Cerebrum | + | + | 27 | |
| Infiltration Cellular, Lymphocyte | | | | 1 1.0 |
| Mineralization | | | | 1 1.0 |

RESPIRATORY SYSTEM

| | | | | |
|-----------|---|---|-----------|----------|
| Lung | + | + | 27 | |
| Bacterium | | | | 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

Page 48

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | 0 | 3 | 2 | 6 | | |
|------------------------------------|---|---|---|---|--|-----------------|
| <hr/> | | | | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | | | | |
| MICE FEMALE | 0 | 0 | | | | |
| ANIMAL ID | 5 | 6 | | | | |
| AZT 40 9 mo F | 5 | 7 | | | | |
| | 0 | 3 | | | | * TOTALS |
| <hr/> | | | | | | |
| Mediastinum, Foreign Body | | | | | | 1 |
| Mediastinum, Necrosis | | | | | | 1 3.0 |
| <hr/> | | | | | | |
| Nose | + | + | | | | 27 |
| <hr/> | | | | | | |
| Trachea | + | + | | | | 27 |
| <hr/> | | | | | | |
| SPECIAL SENSES SYSTEM | | | | | | |
| <hr/> | | | | | | |
| Eye | + | + | | | | 25 |
| <hr/> | | | | | | |
| Harderian Gland | + | + | | | | 27 |
| <hr/> | | | | | | |
| URINARY SYSTEM | | | | | | |
| <hr/> | | | | | | |
| Kidney | + | + | | | | 27 |
| Casts Protein | | | | | | 1 1.0 |
| Infiltration Cellular, Lymphocyte | | | | | | 6 1.2 |
| Metaplasia, Osseous | | | | | | 1 1.0 |
| <hr/> | | | | | | |
| Urinary Bladder | + | + | | | | 27 |
| Infiltration Cellular, Lymphocyte | | | 1 | | | 4 1.0 |
| <hr/> | | | | | | |

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 49

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

females
(cont...)

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum
Hyperplasia, Lymphoid
Epithelium, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | A | + |
| | | | 2 | | | | 2 | | 2 | | | 2 | | | | | | | | | | | | |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | 3 | | | | | | | | | | | | | | | |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | A | + |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | A | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | A | + |
| Liver
Hematopoietic Cell Proliferation
Inflammation, Chronic Active
Necrosis
Tension Lipidosis
Vacuolization Cytoplasmic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | 1 | | | | 1 | | | |
| | | | | | | | | | | | | | | | | 1 | | | | | | | | |
| | 1 | | | | | | | | | | 1 | | 1 | 1 | | 2 | | | 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

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

females
(cont...)

Mesentery
 Fat, Necrosis

+
 3

Pancreas
 Infiltration Cellular, Lymphocyte
 Acinar Cell, Degeneration

+
 1
 1

Salivary Glands
 Infiltration Cellular, Lymphocyte

+
 1 1 2 1 1 1 2 1 1

Stomach, Forestomach

+ +

Stomach, Glandular

+ A A +

CARDIOVASCULAR SYSTEM

Blood Vessel

+ +

Heart
 Congestion
 Inflammation, Chronic Active

+
 3
 1
 2

ENDOCRINE SYSTEM

Adrenal Cortex

+ +

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

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------------------------------|
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 1 | 3 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 9 | 3 |
| | 4 | 4 | 7 | 7 | 9 | 9 | 6 | 6 | 6 | 5 | 5 | 4 | 4 | 4 | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 5 | 6 | 9 | 5 |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |
| AZT 80 9 mo F | 9 | 9 | 1 | 1 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 5 | 8 | 8 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 3 | 5 |
| ANIMAL ID | 6 | 7 | 8 | 9 | 7 | 1 | 8 | 9 | 0 | 1 | 9 | 3 | 4 | 5 | 4 | 5 | 6 | 7 | 8 | 5 | 5 | 6 | 8 | 2 | 2 |
| | | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
| Subcapsular, Hyperplasia | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 2 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Parathyroid Gland | + | + | + | + | M | + | M | M | + | + | + | + | + | + | + | + | + | + | M | + | M | + | + | + | + |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bilateral, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | 2 | | | | | | | | | | | | | | | | | | | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Polymorphonuclear | | | | | | | | | | | | | | | | | | | | | | | | | |
| Endometrium, Hyperplasia, Cystic | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | 2 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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 52
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 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 | 7 | 9 | |
| | 4 | 4 | 7 | 7 | 9 | 9 | 6 | 6 | 6 | 5 | 5 | 4 | 4 | 4 | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 5 | 6 | |

| ANIMAL ID | 0 | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 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 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | |
| | 9 | 9 | 1 | 1 | 2 | 3 | 3 | 3 | 4 | 4 | 5 | 8 | 8 | 8 | 0 | 0 | 0 | 2 | 3 | 3 | 5 | 6 | 3 | |
| | 6 | 7 | 8 | 9 | 7 | 1 | 8 | 9 | 0 | 1 | 9 | 3 | 4 | 5 | 4 | 5 | 6 | 7 | 8 | 5 | 5 | 6 | 2 | |

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

| | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lumen, Dilatation | 3 | 2 | 1 | | | 1 | 1 | 2 | 1 | | | 1 | 2 | | | | | 2 | 2 | 2 | 2 | | 1 |
| Vagina | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

HEMATOPOIETIC SYSTEM

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

INTEGUMENTARY SYSTEM

* .. 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 53

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------|----------------------|
| | 3 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 | | | | | | | | | | | | | | | | | | | | | | | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| AZT 80 9 mo F | 9 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 6 | | | | | | | | | | | | | | | | | | | | | | | | | |

Mammary Gland +

Skin +

MUSCULOSKELETAL SYSTEM

Bone, Femur +

Skeletal Muscle +

NERVOUS SYSTEM

Brain, Brain Stem +

Brain, Cerebellum +

Brain, Cerebrum Mineralization +
 1 1 1 1

RESPIRATORY SYSTEM

Lung + A + + + + +

Nose +

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically M .. Missing tissue 1-4 .. Lesion qualified as:
 x .. Lesion present A .. Autolysis precludes evaluation 1) Minimal 3) Moderate
 I .. Insufficient tissue BLANK .. Not examined microscopically 2) Mild 4) Marked
 Page 54

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

**females
(cont...)**

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | | | | |
|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|

SPECIAL SENSES SYSTEM

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

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Casts Protein | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| Hydronephrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Infiltration Cellular, Lymphocyte | | | | | | | | 1 | | | | | 1 | | | | | | | | | 1 | 1 | | | | | | | |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Nephropathy | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Ureter | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | + |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Lumen, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | 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 55

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

ALIMENTARY SYSTEM

| | | | | | | | | | | |
|----------------------------------|---|---|--|--|--|--|--|--|-----------|--------------|
| Esophagus | + | + | | | | | | | 27 | |
| Gallbladder | + | + | | | | | | | 27 | |
| Intestine Large, Cecum | + | + | | | | | | | 25 | |
| Hyperplasia, Lymphoid | | | | | | | | | | 3 2.0 |
| Epithelium, Hyperplasia | | | | | | | | | | 1 2.0 |
| Intestine Large, Colon | + | + | | | | | | | 27 | |
| Intestine Large, Rectum | + | + | | | | | | | 27 | |
| Hyperplasia, Lymphoid | | | | | | | | | | 1 3.0 |
| Intestine Small, Duodenum | + | + | | | | | | | 25 | |
| Intestine Small, Ileum | + | + | | | | | | | 25 | |
| Intestine Small, Jejunum | + | + | | | | | | | 25 | |
| Liver | + | + | | | | | | | 27 | |
| Hematopoietic Cell Proliferation | | | | | | | | | | 1 1.0 |
| Inflammation, Chronic Active | | | | | | | | | | 1 1.0 |
| Necrosis | | | | | | | | | | 1 1.0 |
| Tension Lipidosis | | | | | | | | | | 7 1.1 |
| Vacuolization Cytoplasmic | | | | | | | | | | 3 1.3 |

* .. 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

Page 56

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

| | | | | | | | | | | | |
|-----------------------------------|---|---|--|--|--|--|--|--|---|----|-----|
| Mesentery | | | | | | | | | 1 | | |
| Fat, Necrosis | | | | | | | | | | 1 | 3.0 |
| Pancreas | + | + | | | | | | | | 27 | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | 1 | 1.0 |
| Acinar Cell, Degeneration | | | | | | | | | | 1 | 1.0 |
| Salivary Glands | + | M | | | | | | | | 26 | |
| Infiltration Cellular, Lymphocyte | 2 | | | | | | | | | 10 | 1.3 |
| Stomach, Forestomach | + | + | | | | | | | | 27 | |
| Stomach, Glandular | + | + | | | | | | | | 25 | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | |
|------------------------------|---|---|--|--|--|--|--|--|--|----|-----|
| Blood Vessel | + | + | | | | | | | | 27 | |
| Heart | + | + | | | | | | | | 27 | |
| Congestion | | | | | | | | | | 2 | 2.5 |
| Inflammation, Chronic Active | | | | | | | | | | 1 | 1.0 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | |
|----------------|---|---|--|--|--|--|--|--|--|----|--|
| Adrenal Cortex | + | + | | | | | | | | 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 - 01
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | 0 | 0 | |
|--|---|---|-----------------|
| | 3 | 3 | |
| | 3 | 1 | |
| | 5 | 2 | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | 0 | 0 | |
| | 0 | 0 | |
| | 5 | 6 | |
| ANIMAL ID | 3 | 0 | |
| AZT 80 9 mo F | 3 | 9 | |
| | | | * TOTALS |
| Subcapsular, Hyperplasia | 1 | 1 | 27 1.2 |
| | | | |
| Adrenal Medulla | + | + | 27 |
| | | | |
| Islets, Pancreatic | + | + | 27 |
| | | | |
| Parathyroid Gland | + | + | 22 |
| | | | |
| Pituitary Gland | + | + | 27 |
| | | | |
| Thyroid Gland | + | + | 27 |

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

| | | | |
|--|---|---|--------------|
| Clitoral Gland | + | + | 26 |
| | | | |
| Ovary | + | + | 27 |
| Cyst | | | 1 2.0 |
| Bilateral, Cyst | | | 1 2.0 |
| | | | |
| Uterus | + | + | 27 |
| Infiltration Cellular, Polymorphonuclear | | | 3 2.0 |
| Endometrium, Hyperplasia, Cystic | | | 5 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 58

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

Lumen, Dilatation **14 1.6**

Vagina **27**

HEMATOPOIETIC SYSTEM

| | | | | | | | | |
|----------------------------------|---|---|--|--|--|---|--|--------------|
| Bone Marrow | + | + | | | | | | 26 |
| Myeloid Cell, Hyperplasia | | | | | | | | 4 2.5 |
| Lymph Node | | | | | | | | 0 |
| Lymph Node, Mandibular | + | M | | | | | | 25 |
| Hyperplasia, Lymphoid | | | | | | | | 2 2.5 |
| Lymph Node, Mesenteric | + | + | | | | | | 26 |
| Hyperplasia, Lymphoid | | | | | | | | 6 1.3 |
| Spleen | + | + | | | | | | 27 |
| Hematopoietic Cell Proliferation | | | | | | 4 | | 5 3.0 |
| Hyperplasia, Lymphoid | | | | | | | | 7 2.4 |
| Thymus | + | M | | | | | | 23 |
| Hyperplasia, Lymphoid | | | | | | | | 3 2.0 |

INTEGUMENTARY SYSTEM

* .. 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 59

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | 0 | 0 | |
|------------------------------------|---|---|-----------------|
| | 3 | 3 | |
| | 3 | 1 | |
| | 5 | 2 | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | |
| MICE FEMALE | 0 | 0 | |
| | 5 | 6 | |
| ANIMAL ID | 3 | 0 | |
| AZT 80 9 mo F | 3 | 9 | |
| | | | * TOTALS |
| Mammary Gland | + | + | 27 |
| Skin | + | + | 27 |
| | | | |
| MUSCULOSKELETAL SYSTEM | | | |
| Bone, Femur | + | + | 27 |
| Skeletal Muscle | + | + | 27 |
| | | | |
| NERVOUS SYSTEM | | | |
| Brain, Brain Stem | + | + | 27 |
| Brain, Cerebellum | + | + | 27 |
| Brain, Cerebrum | + | + | 27 |
| Mineralization | | | 4 1.0 |
| | | | |
| RESPIRATORY SYSTEM | | | |
| Lung | + | + | 26 |
| Nose | + | + | 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
 Page 60

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | 0 | 0 | | |
|------------------------------------|---|---|--|-----------------|
| | 3 | 3 | | |
| | 3 | 1 | | |
| | 5 | 2 | | |
| <hr/> | | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | | |
| MICE FEMALE | 0 | 0 | | |
| | 5 | 6 | | |
| ANIMAL ID | 3 | 0 | | |
| AZT 80 9 mo F | 3 | 9 | | |
| | | | | * TOTALS |
| Trachea | + | + | | 26 |
| <hr/> | | | | |
| SPECIAL SENSES SYSTEM | | | | |
| Eye | + | + | | 26 |
| Harderian Gland | + | + | | 27 |
| <hr/> | | | | |
| URINARY SYSTEM | | | | |
| Kidney | + | + | | 27 |
| Casts Protein | | 1 | | 3 1.0 |
| Hydronephrosis | | | | 1 4.0 |
| Infiltration Cellular, Lymphocyte | 1 | | | 5 1.0 |
| Inflammation, Suppurative | | | | 1 4.0 |
| Nephropathy | | | | 1 4.0 |
| Ureter | | | | 1 |
| Inflammation, Suppurative | | | | 1 3.0 |
| Lumen, Dilatation | | | | 1 2.0 |
| Urinary Bladder | + | + | | 27 |
| Infiltration Cellular, Lymphocyte | | | | 2 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

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BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------------------|--|--|
| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | 0 | 3 | 3 | 3 | 3 | 3 | | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 8 | 0 | 0 | 5 | 6 | 3 | 3 | 3 | 3 | 3 | | |
| | 4 | 2 | 9 | 6 | 6 | 5 | 5 | 5 | 5 | 4 | 4 | 3 | 8 | 6 | 6 | 8 | 1 | 7 | 5 | 4 | 5 | 5 | 5 | 4 | 2 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 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 FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | | |
| ANIMAL ID | 1 | 1 | 2 | 4 | 4 | 4 | 6 | 7 | 7 | 7 | 8 | 1 | 1 | 2 | 4 | 4 | 4 | 5 | 9 | 2 | 2 | 2 | 2 | 5 | | | |
| AZT 120 9 mo F | 0 | 1 | 9 | 5 | 6 | 7 | 9 | 0 | 1 | 2 | 3 | 7 | 8 | 9 | 0 | 7 | 8 | 9 | 3 | 7 | 5 | 6 | 7 | 8 | 4 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | females | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | (cont...) | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | A | + | + | + | + | + | + |
| | | | | 2 | 2 | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Basophilic Focus | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Tension Lipidosis | | 1 | | | | | | | | | 1 | | | | | | | | | | | | 1 | | |
| Vacuolization Cytoplasmic | 1 | 1 | | 1 | | | 1 | | | | 1 | 1 | 1 | | | | | 1 | 1 | 1 | | | | | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 62

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

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

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AZT 120 9 mo F | 0 | 1 | 9 | 5 | 6 | 7 | 9 | 0 | 1 | 2 | 3 | 7 | 8 | 9 | 0 | 7 | 8 | 9 | 3 | 7 | 5 | 6 | 8 |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

females
(cont...)

| | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Hemorrhage | 3 | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Necrosis | 4 | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|---|--|--|--|--|--|--|
| Pancreas | + | | | | | | | | | | | | | | | | | | | | | | |
| Cytoplasmic Alteration | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | 1 | | | | | | | | | | | | 1 | | | | 1 | | | | | | |
| Acinar Cell, Degeneration | 2 | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|--|---|--|--|--|--|--|---|--|--|--|---|--|---|--|--|--|--|--|--|--|--|---|
| Salivary Glands | + | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | 1 | | 1 | | | | | | 1 | | | | 1 | | 1 | | | | | | | | | 1 |

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Stomach, Forestomach | + | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

| | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Stomach, Glandular | + A + + + + + + | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Blood Vessel | + | | | | | | | | | | | | | | | | | | | | | | |
| Heart | + | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | 4 | | | | | | | | | | | | | | | | | | | | | | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|
| Adrenal Cortex | + A + + + + + + | | | | | | | | | | | | | | | | | | | | | | | |
| Subcapsular, Hyperplasia | 1 | | 1 | | 1 | | 2 | | 1 | | 2 | | 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 63

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | 3 | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | | | | | | | | | | | | | | | | | | | | | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE | | | | | | | | | | | | | | | | | | | | | | | | |
| AZT 120 9 mo F | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Medulla | | | | | | | | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic | | | | | | | | | | | | | | | | | | | | | | | | |
| Parathyroid Gland | | | | | | | | | | | | | | | | | | | | | | | | |
| Pituitary Gland | | | | | | | | | | | | | | | | | | | | | | | | |
| Thyroid Gland | | | | | | | | | | | | | | | | | | | | | | | | |
| Ectopic Thymus | | | | | | | | | | | | | | | | | | | | | | | | |

females (cont...)

GENERAL BODY SYSTEM

Tissue NOS
 Mediastinum, Abscess
 Mediastinum, Foreign Body

+
 4
 X

GENITAL SYSTEM

Clitoral Gland
 Degeneration

3

Ovary
 Cyst
 Pigmentation

2
 2

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

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | 0 | 3 | 3 | 3 | 3 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 8 | 0 | 0 | 5 | 6 | 3 | 3 | 3 | 3 |
| | 4 | 2 | 9 | 6 | 6 | 5 | 5 | 5 | 5 | 4 | 4 | 3 | 8 | 6 | 6 | 8 | 1 | 7 | 5 | 4 | 5 | 5 | 5 | 4 |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AZT 120 9 mo F | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 |
| ANIMAL ID | 1 | 1 | 2 | 4 | 4 | 4 | 6 | 7 | 7 | 7 | 8 | 1 | 1 | 2 | 4 | 4 | 4 | 5 | 9 | 2 | 2 | 2 | 2 | 5 |
| | 0 | 1 | 9 | 5 | 6 | 7 | 9 | 0 | 1 | 2 | 3 | 7 | 8 | 9 | 0 | 7 | 8 | 9 | 3 | 7 | 5 | 6 | 7 | 8 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Edema | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Polymorphonuclear | | | | | | | | | | | | | | | | | | | | | | | | |
| Endometrium, Hyperplasia, Cystic | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumen, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Vagina | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

females
(cont...)

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + |
| Myeloid Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumbar, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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

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

females (cont...)

INTEGUMENTARY SYSTEM

Mammary Gland

+ +

Skin

+ +

MUSCULOSKELETAL SYSTEM

Bone

+

Bone, Femur

+ +

Skeletal Muscle

+ +

NERVOUS SYSTEM

Brain, Brain Stem

+ +

Brain, Cerebellum

+ +

Brain, Cerebrum

+ +

Compression Mineralization

1 1

2

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

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

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

females (cont...)

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Abscess | | | | | | | | | | | | | | | | | | | | | | | |
| Foreign Body | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | X |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

SPECIAL SENSES SYSTEM

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

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Casts Protein | | | | | | | | | | | | | | | | | | | | | | | |
| Cyst | | | | | | | | | | | 1 | | | | | | | | | | | | 1 |
| Glomerulosclerosis | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | 1 | | 1 | | | | | | | | | | | | 1 | | | | | | | 1 | |
| Nephropathy | | | | | | | | | | | | | | | | | | | | | | | |

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | 0 | 3 | 3 | 3 | 3 | 3 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 8 | 0 | 0 | 5 | 6 | 3 | 3 | 3 | 3 | 3 |
| | 4 | 2 | 9 | 6 | 6 | 5 | 5 | 5 | 5 | 4 | 4 | 3 | 8 | 6 | 6 | 8 | 1 | 7 | 5 | 4 | 5 | 5 | 5 | 4 | 2 |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 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 FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 |
| AZT 120 9 mo F | 1 | 1 | 2 | 4 | 4 | 4 | 6 | 7 | 7 | 7 | 7 | 8 | 1 | 1 | 2 | 4 | 4 | 4 | 5 | 9 | 2 | 2 | 2 | 2 | 5 |
| | 0 | 1 | 9 | 5 | 6 | 7 | 9 | 0 | 1 | 2 | 3 | 7 | 8 | 9 | 0 | 7 | 8 | 9 | 3 | 7 | 5 | 6 | 7 | 8 | 4 |
| Urinary Bladder
Infiltration Cellular, Lymphocyte | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + |

**females
(cont...)**

* .. 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 68

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

ALIMENTARY SYSTEM

| | | | |
|---|---|---|---------------------------|
| Esophagus | + | + | 27 |
| Gallbladder | + | A | 25 |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | + | A | 24
2 2.0 |
| Intestine Large, Colon | + | A | 25 |
| Intestine Large, Rectum | + | A | 25 |
| Intestine Small, Duodenum | + | A | 25 |
| Intestine Small, Ileum | + | A | 25 |
| Intestine Small, Jejunum | + | A | 25 |
| Liver | + | + | 27 |
| Basophilic Focus | | | 1 2.0 |
| Infiltration Cellular, Lymphocyte | | | 1 1.0 |
| Tension Lipidosis | 1 | | 4 1.0 |
| Vacuolization Cytoplasmic | | | 10 1.0 |
| Mesentery | | | 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

Page 69

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

| | | | |
|-----------------------------------|---|---|---------------|
| Hemorrhage | | | 1 3.0 |
| Fat, Necrosis | | | 1 4.0 |
| | | | |
| Pancreas | + | A | 26 |
| Cytoplasmic Alteration | 1 | | 1 1.0 |
| Infiltration Cellular, Lymphocyte | | | 3 1.0 |
| Acinar Cell, Degeneration | | | 1 2.0 |
| | | | |
| Salivary Glands | + | + | 27 |
| Infiltration Cellular, Lymphocyte | 1 | | 10 1.0 |
| | | | |
| Stomach, Forestomach | + | + | 27 |
| | | | |
| Stomach, Glandular | + | A | 25 |

CARDIOVASCULAR SYSTEM

| | | | |
|------------------------------|---|---|--------------|
| Blood Vessel | + | + | 27 |
| | | | |
| Heart | + | A | 26 |
| Inflammation, Chronic Active | | | 1 4.0 |

ENDOCRINE SYSTEM

| | | | |
|--------------------------|---|---|---------------|
| Adrenal Cortex | + | + | 26 |
| Subcapsular, Hyperplasia | 1 | 2 | 24 1.2 |

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

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

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 Lab: NCTR

| DAY ON TEST | | | |
|--|---|---|-----------------|
| | 0 | 0 | |
| | 3 | 2 | |
| | 3 | 9 | |
| | 2 | 2 | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | 0 | 0 | |
| | 0 | 0 | |
| | 5 | 6 | |
| ANIMAL ID | 5 | 7 | |
| AZT 120 9 mo F | 5 | 4 | |
| | | | * TOTALS |
| Adrenal Medulla | + | + | 26 |
| Islets, Pancreatic | + | + | 27 |
| Parathyroid Gland | + | + | 22 |
| Pituitary Gland | + | + | 27 |
| Thyroid Gland | + | + | 26 |
| Ectopic Thymus | | | 1 |

GENERAL BODY SYSTEM

| | | | | |
|---------------------------|--|--|---|-------|
| Tissue NOS | | | 1 | |
| Mediastinum, Abscess | | | | 1 4.0 |
| Mediastinum, Foreign Body | | | | 1 |

GENITAL SYSTEM

| | | | | |
|----------------|---|---|----|-------|
| Clitoral Gland | + | + | 27 | |
| Degeneration | | | | 1 3.0 |
| Ovary | + | + | 26 | |
| Cyst | | | | 1 2.0 |
| Pigmentation | | | | 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 71

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
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 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | 0 | 0 | |
|--|---|---|-----------------|
| | 3 | 2 | |
| | 3 | 9 | |
| | 2 | 2 | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | |
| MICE FEMALE | 0 | 0 | |
| | 5 | 6 | |
| ANIMAL ID | 5 | 7 | |
| AZT 120 9 mo F | 5 | 4 | |
| | | | * TOTALS |
| Uterus | + | + | 27 |
| Edema | | | 1 3.0 |
| Infiltration Cellular, Polymorphonuclear | | | 3 2.0 |
| Endometrium, Hyperplasia, Cystic | 1 | | 5 1.6 |
| Lumen, Dilatation | | | 8 1.3 |
| | | | |
| Vagina | + | A | 24 |

HEMATOPOIETIC SYSTEM

| | | | | |
|----------------------------------|---|---|----|-------|
| Bone Marrow | + | + | 26 | |
| Myeloid Cell, Hyperplasia | | | | 1 2.0 |
| | | | | |
| Lymph Node | | + | 3 | |
| Lumbar, Hyperplasia, Lymphoid | | | | 1 2.0 |
| | | | | |
| Lymph Node, Mandibular | + | A | 26 | |
| | | | | |
| Lymph Node, Mesenteric | + | + | 27 | |
| Hyperplasia, Lymphoid | | | | 6 1.7 |
| | | | | |
| Spleen | + | + | 27 | |
| Hematopoietic Cell Proliferation | | | | 8 3.0 |
| Hyperplasia, Lymphoid | | | | 6 1.8 |
| | | | | |
| Thymus | + | + | 27 | |
| Hyperplasia, Lymphoid | | | | 2 2.0 |
| Inflammation, Chronic Active | | | | 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 72

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01
 Test Type: 26-39 WEEKS
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 CAS Number: 30516-87-1

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

INTEGUMENTARY SYSTEM

| | | | |
|---------------|---|---|-----------|
| Mammary Gland | + | + | 27 |
| Skin | + | + | 27 |

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

| | | | |
|-------------------|---|---|--------------|
| Brain, Brain Stem | + | + | 27 |
| Brain, Cerebellum | + | + | 27 |
| Brain, Cerebrum | + | + | 27 |
| Compression | | | 1 2.0 |
| Mineralization | | | 2 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 73

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01
 Test Type: 26-39 WEEKS
 Route: GAVAGE
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 CAS Number: 30516-87-1

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

RESPIRATORY SYSTEM

| | | | | | | | | |
|------------------------------|---|---|---|--|--|--|-----------|--------------|
| Lung | + | + | | | | | 27 | |
| Abscess | | | 4 | | | | | 1 4.0 |
| Foreign Body | | | | | | | | 1 |
| Inflammation, Chronic Active | | | | | | | | 1 3.0 |
| Necrosis | | | | | | | | 1 2.0 |
| <hr/> | | | | | | | | |
| Nose | + | + | | | | | 27 | |
| <hr/> | | | | | | | | |
| Trachea | + | + | | | | | 27 | |

SPECIAL SENSES SYSTEM

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

URINARY SYSTEM

| | | | | | | | | |
|-----------------------------------|---|---|---|--|--|--|-----------|--------------|
| Kidney | + | + | | | | | 27 | |
| Casts Protein | | | | | | | | 2 1.0 |
| Cyst | | | | | | | | 1 1.0 |
| Glomerulosclerosis | | | 3 | | | | | 1 3.0 |
| Infiltration Cellular, Lymphocyte | | | | | | | | 4 1.0 |
| Nephropathy | | | 3 | | | | | 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 74

1-4 .. Lesion qualified as:

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2) Mild 4) Marked

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Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | | 0 | 0 | |
|--|-----------|---|---|-----------------|
| | | 3 | 2 | |
| | | 3 | 9 | |
| | | 2 | 2 | |
| <hr/> | | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | | 0 | 0 | |
| | | 0 | 0 | |
| | | 5 | 6 | |
| | ANIMAL ID | 5 | 7 | |
| AZT 120 9 mo F | | 5 | 4 | * TOTALS |
| <hr/> | | | | |
| Urinary Bladder | | + | + | 26 |
| Infiltration Cellular, Lymphocyte | | | | 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 75

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

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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 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 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 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 2 | 2 | 1 | 1 | 3 | 4 | 4 | 4 | 4 | 4 | 2 | 2 | 4 | 3 | 3 | 3 | 6 | | | | | | | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Vehicl PND1-8 F | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | |
| | 6 | 7 | 7 | 7 | 7 | 8 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 4 | | | | | | | | | | |
| | 9 | 0 | 1 | 2 | 3 | 9 | 9 | 0 | 1 | 2 | 3 | 4 | 8 | 9 | 0 | 1 | 2 | 2 | 3 | 4 | 7 | 6 | 7 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | females (cont...) |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Lymphocyte | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tension Lipidosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue

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

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

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

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

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

CARDIOVASCULAR SYSTEM

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

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Adrenal Cortex
Subcapsular, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 2 | 1 | 2 | 1 | 1 | 2 | 1 | 2 | 1 | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically M .. Missing tissue 1-4 .. Lesion qualified as:
x .. Lesion present A .. Autolysis precludes evaluation 1) Minimal 3) Moderate
I .. Insufficient tissue BLANK .. Not examined microscopically 2) Mild 4) Marked
Page 77

| DAY ON TEST | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------------|
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 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 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 2 | 2 | 1 | 1 | 3 | 4 | 4 | 4 | 4 | 4 | 2 | 2 | 4 | 3 | 3 | 3 | 6 | |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | ANIMAL ID | 6 | 7 | 7 | 7 | 7 | 7 | 8 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 |
| | Vehicle PND1-8 F | 9 | 0 | 1 | 2 | 3 | 9 | 9 | 0 | 1 | 2 | 3 | 4 | 8 | 9 | 0 | 1 | 2 | 2 | 3 | 4 | 7 | 6 | 7 | 9 | | | | females (cont...) |
| Pituitary Gland | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thyroid Gland | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ectopic Thymus | X X | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Clitoral Gland | + | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ovary Cyst | + + + + + + + + + + 2 + + + + + + + + + 2 + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Uterus | + | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Polymorphonuclear | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Endometrium, Hyperplasia, Cystic | 2 2 1 1 1 2 1 2 2 1 2 2 1 1 1 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumen, Dilatation | 2 2 1 1 1 2 1 2 2 2 1 1 1 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vagina | + | | | | | | | | | | | | | | | | | | | | | | | | | | | |

HEMATOPOIETIC SYSTEM

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

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

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 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 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 2 | 2 | 1 | 1 | 3 | 4 | 4 | 4 | 4 | 2 | 2 | 4 | 3 | 3 | 6 | |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | |
| Vehicle PND1-8 F | 6 | 7 | 7 | 7 | 7 | 7 | 8 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 4 | |
| ANIMAL ID | 9 | 0 | 1 | 2 | 3 | 9 | 9 | 0 | 1 | 2 | 1 | 2 | 3 | 4 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 7 | 6 | 7 | 9 | |

females
(cont...)

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

INTEGUMENTARY SYSTEM

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

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

* .. 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 79

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | Animals | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
|------------------------------------|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 |
| 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 2 | 2 | 1 | 1 | 3 | 4 | 4 | 4 | 4 | 2 | 2 | 4 | 3 | 3 | 6 |
| C3B6F1-+/TRP53(TM1BRD) NCTR | | | | | | | | | | | | | | | | | | | | | | | | | |
| MICE FEMALE | | | | | | | | | | | | | | | | | | | | | | | | | |
| Animal ID | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 6 | 7 | 7 | 7 | 7 | 7 | 8 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 4 | 4 |
| 9 | 0 | 1 | 2 | 3 | 9 | 9 | 0 | 1 | 2 | 3 | 4 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 7 | 6 | 7 | 9 | 9 | 9 | |
| Vehicle PND1-8 F | | | | | | | | | | | | | | | | | | | | | | | | | |

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

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

SPECIAL SENSES SYSTEM

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

URINARY SYSTEM

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

* .. 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 80

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------------|---|
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 2 | 2 | 1 | 1 | 3 | 4 | 4 | 4 | 4 | 2 | 2 | 4 | 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 FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ANIMAL ID | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | |
| Vehicle PND1-8 F | 6 | 7 | 7 | 7 | 7 | 7 | 8 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 4 | |
| | 9 | 0 | 1 | 2 | 3 | 9 | 9 | 0 | 1 | 2 | 1 | 2 | 3 | 4 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 7 | 6 | 9 | |
| | | | | | | | | | | | | | | | | | | | | | | | | females (cont...) | |
| Infiltration Cellular, Lymphocyte | | | 1 | 1 | | | 1 | 1 | 1 | 2 | | | | | | | | | | | 1 | | 1 | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Lymphocyte | | | | 1 | | | | | | 1 | | | | | | | | | | | | | | | |
| Lumen, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | 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
 Page 81

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | | |
|------------------------------------|-----------|-----------------|
| 0 | | |
| 3 | | |
| 3 | | |
| 5 | | |
| | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | | 0 |
| MICE FEMALE | | 0 |
| | | 6 |
| | ANIMAL ID | 5 |
| Vehicle PND1-8 F | | 4 |
| | | * TOTALS |

ALIMENTARY SYSTEM

| | | | |
|--|---|----|-----------------------------------|
| Esophagus | + | 26 | |
| Gallbladder | + | 25 | |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | + | 25 | 3 2.0 |
| Intestine Large, Colon | + | 25 | |
| Intestine Large, Rectum | + | 25 | |
| Intestine Small, Duodenum | + | 25 | |
| Intestine Small, Ileum | + | 25 | |
| Intestine Small, Jejunum | + | 25 | |
| Liver
Infiltration Cellular, Lymphocyte
Inflammation, Chronic Active
Tension Lipidosis
Vacuolization Cytoplasmic | + | 25 | 2 1.0
2 1.0
3 1.3
12 1.0 |
| Pancreas | + | 26 | |

* .. 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 82

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | | | |
|------------------------------------|---|--|-----------------|
| | 0 | | |
| | 3 | | |
| | 3 | | |
| | 5 | | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | | |
| MICE FEMALE | 0 | | |
| | 6 | | |
| ANIMAL ID | 5 | | |
| Vehicl PND1-8 F | 4 | | |
| | | | * TOTALS |

| | | | |
|-----------------------------------|---|--|---------------|
| Salivary Glands | + | | 25 |
| Infiltration Cellular, Lymphocyte | 1 | | 15 1.1 |
| | | | |
| Stomach, Forestomach | + | | 25 |
| | | | |
| Stomach, Glandular | + | | 25 |

CARDIOVASCULAR SYSTEM

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

ENDOCRINE SYSTEM

| | | | |
|--------------------------|---|--|---------------|
| Adrenal Cortex | + | | 26 |
| Subcapsular, Hyperplasia | | | 23 1.2 |
| | | | |
| Adrenal Medulla | + | | 26 |
| | | | |
| Islets, Pancreatic | + | | 26 |
| | | | |
| Parathyroid Gland | + | | 25 |

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

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | | | |
|------------------------------------|-----------|---|-----------------|
| | | 0 | |
| | | 3 | |
| | | 3 | |
| | | 5 | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | | 0 | |
| MICE FEMALE | | 0 | |
| | | 6 | |
| | ANIMAL ID | 5 | |
| Vehicle PND1-8 F | | 4 | |
| | | | * TOTALS |
| Pituitary Gland | + | | 26 |
| | | | |
| Thyroid Gland | + | | 26 |
| Ectopic Thymus | | | 2 |

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

| | | | | |
|--|---|---|-----------|---------------|
| Clitoral Gland | + | | 26 | |
| | | | | |
| Ovary | + | | 26 | |
| Cyst | | 3 | | 4 2.3 |
| | | | | |
| Uterus | + | | 26 | |
| Infiltration Cellular, Polymorphonuclear | | | | 1 2.0 |
| Endometrium, Hyperplasia, Cystic | | 1 | | 4 1.5 |
| Lumen, Dilatation | | | | 16 1.5 |
| | | | | |
| Vagina | + | | 26 | |

HEMATOPOIETIC SYSTEM

| | | | | |
|-------------|---|--|-----------|--|
| Bone Marrow | + | | 25 | |
| | | | | |

* .. 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 84

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | | | |
|------------------------------------|---|--|-----------------|
| | 0 | | |
| | 3 | | |
| | 3 | | |
| | 5 | | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | | |
| MICE FEMALE | 0 | | |
| | 6 | | |
| ANIMAL ID | 5 | | |
| Vehicl PND1-8 F | 4 | | * TOTALS |
| Lymph Node, Mandibular | + | | 25 |
| Lymph Node, Mesenteric | + | | 25 |
| Hyperplasia, Lymphoid | | | 4 1.5 |
| Spleen | + | | 26 |
| Hematopoietic Cell Proliferation | | | 2 3.0 |
| Hyperplasia, Lymphoid | | | 6 2.3 |
| Thymus | + | | 25 |
| Hyperplasia, Lymphoid | | | 1 2.0 |
| INTEGUMENTARY SYSTEM | | | |
| Mammary Gland | + | | 26 |
| Skin | + | | 26 |
| MUSCULOSKELETAL SYSTEM | | | |
| Bone, Femur | + | | 26 |
| Skeletal Muscle | + | | 26 |
| NERVOUS SYSTEM | | | |

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

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | | |
|------------------------------------|---|-----------------|
| | 0 | |
| | 3 | |
| | 3 | |
| | 5 | |
| | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | |
| MICE FEMALE | 0 | |
| | 6 | |
| ANIMAL ID | 5 | |
| Vehicl PND1-8 F | 4 | |
| | | * TOTALS |

| | | |
|-----------------------------------|---|--------------|
| Brain, Brain Stem | + | 26 |
| Brain, Cerebellum | + | 26 |
| Brain, Cerebrum
Mineralization | + | 26 |
| | | 2 1.0 |

RESPIRATORY SYSTEM

| | | |
|---------|---|-----------|
| Lung | + | 26 |
| Nose | + | 26 |
| Trachea | + | 26 |

SPECIAL SENSES SYSTEM

| | | |
|-----------------|---|-----------|
| Eye | + | 25 |
| Harderian Gland | + | 25 |

URINARY SYSTEM

| | | |
|--------|---|-----------|
| Kidney | + | 25 |
|--------|---|-----------|

* .. 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 86

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

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| DAY ON TEST | | | |
|------------------------------------|-----------|---|-----------------|
| | | 0 | |
| | | 3 | |
| | | 3 | |
| | | 5 | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | | 0 | |
| MICE FEMALE | | 0 | |
| | | 6 | |
| | ANIMAL ID | 5 | |
| Vehicl PND1-8 F | | 4 | |
| | | | * TOTALS |
| Infiltration Cellular, Lymphocyte | | 1 | 9 1.1 |
| | | | |
| Urinary Bladder | | + | 25 |
| Infiltration Cellular, Lymphocyte | | | 2 1.0 |
| Lumen, Dilatation | | | 1 4.0 |

* .. 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 87

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 4 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 5 | 8 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 2 | 2 | 2 | 2 | 4 | 6 | 5 | 3 | 3 | 2 | 2 | 2 | 1 | 1 |
| C3B6F1-+/TRP53(TM1BRD) NCTR | | | | | | | | | | | | | | | | | | | | | | | | | |
| MICE FEMALE | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | 0 |
| | 0 | 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 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | 9 | 5 | 5 | 6 | 6 | 6 | 8 | 8 | 9 | 9 | 9 | 0 | 0 | 1 | 1 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 6 | |
| AZT 40 PND1-8 F | 0 | 6 | 9 | 0 | 1 | 2 | 3 | 3 | 4 | 5 | 6 | 6 | 7 | 0 | 3 | 8 | 9 | 0 | 1 | 2 | 0 | 8 | 9 | 6 | |

females (cont...)

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Basophilic Focus | | | X | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | 1 | | | | | |
| Tension Lipidosis | | | | | | | | | | | 1 | | | 1 | | 2 | | | | | | | | 2 |
| Vacuolization Cytoplasmic | 1 | | 1 | | 1 | 1 | | | | 1 | | | | | | | | 1 | | | | | | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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TDMS No. 20310 - 01
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | 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 | 0 |
| 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| 4 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| 5 | 8 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 2 | 2 | 2 | 2 | 4 | 6 | 5 | 3 | 3 | 2 | 2 | 2 | 1 | 1 | 6 |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE
AZT 40 PND1-8 F | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | |
| | 9 | 5 | 5 | 6 | 6 | 6 | 6 | 8 | 8 | 9 | 9 | 9 | 0 | 0 | 1 | 1 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 6 | |
| | 0 | 6 | 9 | 0 | 1 | 2 | 3 | 3 | 4 | 5 | 6 | 6 | 7 | 0 | 3 | 8 | 9 | 0 | 1 | 2 | 0 | 8 | 9 | 6 | |

**females
(cont...)**

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

CARDIOVASCULAR SYSTEM

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

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex
Subcapsular, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 2 | 1 | | 1 | 1 | 2 | 1 | 1 | 1 | 1 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Parathyroid Gland | M | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | |
| Pituitary 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
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TDMS No. 20310 - 01
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | 4 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | 5 | 8 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 2 | 2 | 2 | 2 | 4 | 6 | 5 | 3 | 3 | 2 | 2 | 2 | 1 | 1 | 6 | 6 | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | |
| AZT 40 PND1-8 F | 0 | 6 | 9 | 0 | 1 | 2 | 3 | 3 | 4 | 5 | 6 | 6 | 7 | 0 | 3 | 8 | 9 | 0 | 1 | 1 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 6 |
| | 0 | 6 | 9 | 0 | 1 | 2 | 3 | 3 | 4 | 5 | 6 | 6 | 7 | 0 | 3 | 8 | 9 | 0 | 1 | 1 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 6 |
| Thyroid Gland Degeneration Ectopic Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

females
(cont...)

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

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

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymph Node Renal, Hyperplasia, Lymphoid | + | | | | | | | | | | | | + | | | | | | | | | | | | | | | |
| | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
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 Page 90

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 4 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 5 | 8 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 2 | 2 | 2 | 2 | 4 | 6 | 5 | 3 | 3 | 2 | 2 | 2 | 1 | 1 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE
ANIMAL ID | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 9 | 5 | 5 | 6 | 6 | 6 | 6 | 8 | 8 | 9 | 9 | 9 | 0 | 0 | 1 | 1 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | |
| AZT 40 PND1-8 F | 0 | 6 | 9 | 0 | 1 | 2 | 3 | 3 | 4 | 5 | 6 | 6 | 7 | 0 | 3 | 8 | 9 | 0 | 1 | 2 | 0 | 8 | 9 | |

females
(cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lymph Node, Mandibular
Hyperplasia, Lymphoid | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Lymph Node, Mesenteric
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | 1 | | | | 1 | | | | | | | | | | | | 1 |
| Spleen
Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | 2 | | | | | | | | | | 2 | | | | | | | | | | |
| | 3 | | | | | | 2 | | | | 2 | | | 2 | | | | | | | | 3 | 1 | |
| Thymus
Cyst, Multiple
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | | 4 | | | | |
| | | | | 1 | | | | | | | | | | | | | | | | | | 2 | 1 | |

INTEGUMENTARY SYSTEM

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

MUSCULOSKELETAL SYSTEM

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

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
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 A .. Autolysis precludes evaluation
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 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
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TDMS No. 20310 - 01
 Test Type: 26-39 WEEKS
 Route: GAVAGE
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 3'-Azido-3'-deoxythymidine (AZT)
 CAS Number: 30516-87-1

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | Animals | | | | | | | | | | | | | | | | | | | | | | | |
|--|---------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 0 | 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 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 4 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 5 | 8 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 2 | 2 | 2 | 2 | 4 | 6 | 5 | 3 | 3 | 2 | 2 | 2 | 1 | 1 |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | 9 | 5 | 5 | 6 | 6 | 6 | 6 | 8 | 8 | 9 | 9 | 9 | 9 | 0 | 1 | 1 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 |
| AZT 40 PND1-8 F | 0 | 6 | 9 | 0 | 1 | 2 | 3 | 3 | 4 | 4 | 5 | 6 | 6 | 7 | 0 | 3 | 8 | 9 | 0 | 1 | 2 | 0 | 8 | 9 |

females
(cont...)

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung
Infiltration Cellular, Lymphocyte
Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| 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
 Page 92

TDMS No. 20310 - 01

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 06/29/2009

Test Type: 26-39 WEEKS

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

Time Report Requested: 16:30:29

Route: GAVAGE

CAS Number: 30516-87-1

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

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

Lab: NCTR

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 4 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 5 | 8 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 2 | 2 | 2 | 2 | 4 | 6 | 5 | 3 | 3 | 2 | 2 | 2 | 1 | 1 |
| | | 0 | 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 FEMALE
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 | |
| | 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 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | |
| | 9 | 5 | 5 | 6 | 6 | 6 | 6 | 8 | 8 | 9 | 9 | 9 | 0 | 0 | 1 | 1 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | |
| | AZT 40 PND1-8 F | 0 | 6 | 9 | 0 | 1 | 2 | 3 | 3 | 4 | 4 | 5 | 6 | 6 | 7 | 0 | 3 | 8 | 9 | 0 | 1 | 2 | 0 | 8 | 9 |

females (cont...)

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | 1 | | | 1 | | | | | | | | | 1 | | | 1 | | | | | | 1 | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | | | 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 93

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | | |
|------------------------------------|-----------|-----------------|
| 0 | | |
| 3 | | |
| 3 | | |
| 6 | | |
| <hr/> | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | | 0 |
| MICE FEMALE | | 0 |
| | | 6 |
| | ANIMAL ID | 6 |
| AZT 40 PND1-8 F | | 7 |
| | | * TOTALS |

ALIMENTARY SYSTEM

| | | | |
|-----------------------------------|---|--|--------------|
| Esophagus | + | | 25 |
| 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 |
| Infiltration Cellular, Lymphocyte | | | 1 1.0 |
| Tension Lipidosis | | | 4 1.5 |
| Vacuolization Cytoplasmic | | | 6 1.0 |
| Pancreas | + | | 26 |

* .. 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 94

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | | | |
|------------------------------------|------------------|---|-----------------|
| | | 0 | |
| | | 3 | |
| | | 3 | |
| | | 6 | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | | 0 | |
| MICE FEMALE | | 0 | |
| | | 6 | |
| | | 6 | |
| AZT 40 PND1-8 F | ANIMAL ID | 7 | * TOTALS |
| Salivary Glands | + | | 26 |
| Infiltration Cellular, Lymphocyte | 1 | | 12 1.2 |
| | | | |
| Stomach, Forestomach | + | | 26 |
| | | | |
| Stomach, Glandular | + | | 26 |
| | | | |
| CARDIOVASCULAR SYSTEM | | | |
| | | | |
| Blood Vessel | + | | 26 |
| | | | |
| Heart | + | | 26 |
| | | | |
| ENDOCRINE SYSTEM | | | |
| | | | |
| Adrenal Cortex | + | | 26 |
| Subcapsular, Hyperplasia | 1 | | 24 1.1 |
| | | | |
| Adrenal Medulla | + | | 26 |
| | | | |
| Islets, Pancreatic | + | | 26 |
| | | | |
| Parathyroid Gland | + | | 24 |
| | | | |
| Pituitary Gland | + | | 26 |
| | | | |

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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 - 01
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | | | |
|------------------------------------|-----------|---|-----------------|
| | | 0 | |
| | | 3 | |
| | | 3 | |
| | | 6 | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | | 0 | |
| MICE FEMALE | | 0 | |
| | | 6 | |
| | | 6 | |
| AZT 40 PND1-8 F | ANIMAL ID | 7 | |
| | | | * TOTALS |
| Thyroid Gland | + | | 26 |
| Degeneration | | | 1 1.0 |
| Ectopic Thymus | | | 1 |

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

| | | | |
|----------------------------------|---|--|--------|
| Clitoral Gland | + | | 25 |
| Ovary | + | | 26 |
| Cyst | | | 1 2.0 |
| Uterus | + | | 26 |
| Endometrium, Hyperplasia, Cystic | | | 3 1.7 |
| Lumen, Dilatation | | | 13 1.2 |
| Vagina | + | | 25 |

HEMATOPOIETIC SYSTEM

| | | | |
|------------------------------|---|--|-------|
| Bone Marrow | + | | 26 |
| Lymph Node | | | 2 |
| Renal, Hyperplasia, Lymphoid | | | 1 1.0 |

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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 96

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | 0 | 3 | 3 | 6 | |
|--|-----------|---|---|---|-----------------|
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | 0 | 0 | 6 | 6 | |
| AZT 40 PND1-8 F | ANIMAL ID | 6 | 6 | 7 | * TOTALS |

| | | | | | | |
|---|---|--|--|--|-----------|------------------------|
| Lymph Node, Mandibular
Hyperplasia, Lymphoid | + | | | | 25 | 1 1.0 |
| Lymph Node, Mesenteric
Hyperplasia, Lymphoid | + | | | | 26 | 3 1.0 |
| Spleen
Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid | + | | | | 26 | 2 2.0
6 2.2 |
| Thymus
Cyst, Multiple
Hyperplasia, Lymphoid | + | | | | 25 | 1 4.0
3 1.3 |

INTEGUMENTARY SYSTEM

| | | | | | | |
|---------------|---|--|--|--|-----------|--|
| Mammary Gland | + | | | | 26 | |
| Skin | + | | | | 26 | |

MUSCULOSKELETAL SYSTEM

| | | | | | | |
|-----------------|---|--|--|--|-----------|--|
| Bone, Femur | + | | | | 26 | |
| Skeletal Muscle | + | | | | 26 | |

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+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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Page 97

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | | | |
|------------------------------------|-----------|---|-----------------|
| | | 0 | |
| | | 3 | |
| | | 3 | |
| | | 6 | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | | 0 | |
| MICE FEMALE | | 0 | |
| | | 6 | |
| | | 6 | |
| AZT 40 PND1-8 F | ANIMAL ID | 7 | |
| | | | * TOTALS |

NERVOUS SYSTEM

| | | | | |
|-----------------------------------|---|--|----|-------|
| Brain, Brain Stem | + | | 26 | |
| Brain, Cerebellum | + | | 26 | |
| Brain, Cerebrum
Mineralization | + | | 26 | 4 1.0 |

RESPIRATORY SYSTEM

| | | | | |
|---|---|--|----|----------------|
| Lung | + | | 26 | |
| Infiltration Cellular, Lymphocyte
Inflammation, Chronic Active | | | | 1 2.0
1 1.0 |
| Nose | + | | 26 | |
| Trachea | + | | 26 | |

SPECIAL SENSES SYSTEM

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

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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 98

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1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01
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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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 Lab: NCTR

| DAY ON TEST | | |
|------------------------------------|---|-----------------|
| | 0 | |
| | 3 | |
| | 3 | |
| | 6 | |
| | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | |
| MICE FEMALE | 0 | |
| | 6 | |
| ANIMAL ID | 6 | |
| AZT 40 PND1-8 F | 7 | * TOTALS |

URINARY SYSTEM

| | | |
|-----------------------------------|---|-------|
| | | |
| Kidney | + | 26 |
| Infiltration Cellular, Lymphocyte | | 5 1.0 |
| | | |
| Urinary Bladder | + | 26 |
| Infiltration Cellular, Lymphocyte | 1 | 3 1.0 |

*** END OF REPORT ***

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 99

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked