

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

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

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

C Number: C20310C

Lock Date: 12/01/2008

Cage Range: ALL

Date Range: ALL

Reasons For Removal: ALL

Removal Date Range: ALL

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

Study Gender: Female

TDMSE Version: 2.1.0

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

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

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

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	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 MICE FEMALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	5	5	5	
Vehicle 9 mo F	9	8	9	9	9	3	5	5	5	5	6	7	7	7	0	1	3	4	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...)	

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

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

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

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

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

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

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

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

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

Pituitary Gland

+ +

Thyroid Gland
Degeneration

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

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
 2

Vagina

M +

HEMATOPOIETIC SYSTEM

Bone Marrow

+ +

* .. 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 4

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

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

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

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------------|---|
| | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 |
| | 9 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 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 | |
| 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 | |
| Vehicle 9 mo F | 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 | |
| | 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...) | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lymph Node
Lumbar, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | + | 2 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymph Node, Mesenteric
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Spleen
Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Thymus
Hyperplasia, Lymphoid | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + |

INTEGUMENTARY SYSTEM

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

MUSCULOSKELETAL SYSTEM

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

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 5

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

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

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

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 |
| | 9 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 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 Cyst | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | 2 | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| | 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
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 6

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

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

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

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

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 7

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

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

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

| DAY ON TEST | | | |
|------------------------------------|------------------|---|-----------------|
| | | 0 | |
| | | 3 | |
| | | 3 | |
| | | 6 | |
| | | | |
| 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: 07/22/2009
 Time Report Requested: 11:48:12
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | | | |
|------------------------------------|---|--|-----------------|
| | 0 | | |
| | 3 | | |
| | 3 | | |
| | 6 | | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | | |
| MICE FEMALE | 0 | | |
| | 6 | | |
| Vehicle 9 mo F | 3 | | |
| ANIMAL ID | 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
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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

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

Date Report Requested: 07/22/2009
 Time Report Requested: 11:48:12
 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 |

| | | | | |
|----------------------------------|---|--|----|-------|
| Lymph Node | | | 1 | |
| Lumbar, Hyperplasia, Lymphoid | | | | 1 2.0 |
| Lymph Node, Mandibular | + | | 26 | |
| Lymph Node, Mesenteric | + | | 26 | |
| Hyperplasia, Lymphoid | | | | 8 1.4 |
| Spleen | + | | 26 | |
| Hematopoietic Cell Proliferation | | | | 5 2.8 |
| Hyperplasia, Lymphoid | | | | 4 2.0 |
| Thymus | + | | 24 | |
| Hyperplasia, Lymphoid | 2 | | | 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 11

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

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

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

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 07/22/2009
 Time Report Requested: 11:48:12
 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 13

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

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

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 9 | 2 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 4 | 4 | 3 | 3 | 1 | 1 | 5 | 5 | 3 | 3 | 8 | 5 | 5 | 6 | 6 | 4 | 5 | 5 | 5 | 3 | 3 | 6 | 6 | 6 | 6 | 6 | 3 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 |
| AZT 40 9 mo F | 3 | 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 |
| ANIMAL ID | 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 | |
| | 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...)

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | |
| Lymph Node | | | | | | | | | | | | | | | | | + | | | | | | | | | | | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymph Node, Mesenteric
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | 2 | | | 3 | | | 1 | 1 | 2 | | | | | | | | | | | | 2 | | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + |
| Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid | | | | | | | | 2 | | | | | 2 | 2 | 2 | | | | | | | | | 2 | | | 2 | |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + |
| Bacterium | | | | | | | | | | | | | | | | | | X | | | | | | | | | | |
| Foreign Body | | | | | | | | | | | | | | | | | | | X | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | 2 | | | | 2 | | |
| Necrosis | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | |

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 (AZT)
 CAS Number: 30516-87-1

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

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | 2 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 4 | 4 | 3 | 3 | 1 | 1 | 5 | 5 | 3 | 3 | 8 | 5 | 5 | 6 | 6 | 4 | 5 | 5 | 5 | 3 | 3 | 6 | 6 | 6 | 6 | 6 | 3 | |
| 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 | |
| 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 | |
| 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 | 5 | 5 | |
| ANIMAL ID | 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 | |
| | 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 | 8 | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

females (cont...)

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain, Brain Stem
Gliosis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebrum
Infiltration Cellular, Lymphocyte
Mineralization | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

RESPIRATORY SYSTEM

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

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

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

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

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

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

females
(cont...)

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
 Metaplasia, Osseous 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
 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 19

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

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

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

| DAY ON TEST | 0 | 0 | | |
|------------------------------------|---|---|--|-----------------|
| | 3 | 3 | | |
| | 3 | 2 | | |
| | 5 | 6 | | |
| <hr/> | | | | |
| 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 |

* .. 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 21

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

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

| DAY ON TEST | 0 | 0 | | |
|--|---|---|--|-----------------|
| | 3 | 3 | | |
| | 3 | 2 | | |
| | 5 | 6 | | |
| | | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | 0 | 0 | | |
| | 0 | 0 | | |
| | 5 | 6 | | |
| AZT 40 9 mo F | 5 | 7 | | |
| | 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
 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: 07/22/2009
 Time Report Requested: 11:48:12
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

HEMATOPOIETIC SYSTEM

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

INTEGUMENTARY SYSTEM

| | | | | | | | | | |
|-----------------------|---|---|--|--|--|--|--|--|-------|
| Mammary Gland | + | + | | | | | | | 26 |
| Alveolus, Hyperplasia | | | | | | | | | 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 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 (AIDS)
 CAS Number: 30516-87-1

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

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

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

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

| | | | | | | |
|-------------------|---|---|--|--|-----------|----------|
| Lung
Bacterium | + | + | | | 27 | 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 24

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

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

Date Report Requested: 07/22/2009
 Time Report Requested: 11:48:12
 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 25

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01

Test Type: 26-39 WEEKS

Route: GAVAGE

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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

CAS Number: 30516-87-1

Date Report Requested: 07/22/2009

Time Report Requested: 11:48:12

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

Lab: NCTR

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

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | A | + |
| Hyperplasia, Lymphoid Epithelium, Hyperplasia | | | 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 | | | | | | | | | | | | | 1 | 1 | 1 | | 2 | | | | 1 | | | 1 | |
| Vacuolization Cytoplasmic | | | | | | | | | | | | 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: 07/22/2009

Time Report Requested: 11:48:12

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

Lab: NCTR

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

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
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 (AZT)
 CAS Number: 30516-87-1

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

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

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 | + | + | + | + | + | + | + | + | + | + | 2 | + | + | + | 2 | + | + | + | |
| | | | | | | | 2 | | | | 2 | | | | | 2 | 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

Page 28

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

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

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

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| DAY ON TEST | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 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 | 0 | 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 | 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 | 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...)**

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | A |
| Lymph Node, Mandibular
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | 2 | | | | | | | | | | 3 | | | | | | | | | | | | | A | + |
| Lymph Node, Mesenteric
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | 2 | | 1 | 1 | | | | | 2 | | | | | | | | | | 1 | 1 | |
| Spleen
Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 3 | | | | | | | | | | | | | | | | | | | | | | |
| | | | 3 | | | | 2 | | 3 | | | | 2 | 3 | | | | | | | | | 3 | 1 | |
| Thymus
Hyperplasia, Lymphoid | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | 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 29

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

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

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

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 1 | 3 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 9 | 3 | |
| | 4 | 4 | 7 | 7 | 9 | 9 | 6 | 6 | 6 | 5 | 5 | 4 | 4 | 4 | 6 | 6 | 6 | 6 | 6 | 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 | |
| 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 | 0 | |
| ANIMAL ID | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | |
| | 9 | 9 | 1 | 1 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 5 | 8 | 8 | 8 | 0 | 0 | 0 | 0 | 2 | 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...)**

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

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

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

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

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

Date Report Requested: 07/22/2009
 Time Report Requested: 11:48:12
 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
MICE FEMALE | 0 | 0 |
| | 0 | 0 |
| | 5 | 6 |
| ANIMAL ID | 3 | 0 |
| AZT 80 9 mo F | 3 | 9 |
| | | * TOTALS |

ALIMENTARY SYSTEM

| | | | | |
|--|---|---|--|------------------------|
| Esophagus | + | + | | 27 |
| Gallbladder | + | + | | 27 |
| Intestine Large, Cecum | + | + | | 25 |
| Hyperplasia, Lymphoid
Epithelium, Hyperplasia | | | | 3 2.0
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 1.0 |
| Inflammation, Chronic Active | | | | 1 1.0 |
| Necrosis | | | | 1 1.0 |
| Tension Lipidosis | | | | 7 1.1 |
| Vacuolization Cytoplasmic | | 2 | | 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 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
 3'-Azido-3'-deoxythymidine (AZT)
 CAS Number: 30516-87-1

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

| DAY ON TEST | 0 | 0 | 3 | 3 | 3 | 1 | 5 | 2 |
|------------------------------------|---|---|---|---|---|---|---|-----------------|
| <hr/> | | | | | | | | |
| 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: 07/22/2009
 Time Report Requested: 11:48:12
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | 0 | 0 | |
|------------------------------------|---|---|-----------------|
| | 3 | 3 | |
| | 3 | 1 | |
| | 5 | 2 | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | |
| MICE FEMALE | 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 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 (AZT)
 CAS Number: 30516-87-1

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

| DAY ON TEST | 0 | 0 | 3 | 3 | 3 | 1 | 5 | 2 |
|------------------------------------|---|---|---|---|---|---|---|-----------------|
| <hr/> | | | | | | | | |
| 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 | | | | | | | | 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 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: 07/22/2009
 Time Report Requested: 11:48:12
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | 0 | 0 | |
|--|---|---|-----------------|
| | 3 | 3 | |
| | 3 | 1 | |
| | 5 | 2 | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | 0 | 0 | |
| | 0 | 0 | |
| | 5 | 6 | |
| AZT 80 9 mo F | 3 | 0 | |
| | 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
Mineralization | + | + | 27 |
| | | | 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

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

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

Date Report Requested: 07/22/2009
 Time Report Requested: 11:48:12
 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

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 (AIDS)
 CAS Number: 30516-87-1

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

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 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 |
| AZT 120 9 mo F | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 |
| ANIMAL ID | 1 | 1 | 2 | 4 | 4 | 4 | 6 | 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...)

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 | | | | | | | | | | | | | |
| Vacuolization Cytoplasmic | 1 | 1 | | | | | 1 | | | | | 1 | 1 | 1 | | | | | | | | | | | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | |

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

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

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

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

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

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 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 1 1 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 2 2 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 39

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

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

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

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | 0 | 3 | 3 | 3 | 3 | 3 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 8 | 0 | 0 | 5 | 6 | 3 | 3 | 3 | 3 | 3 |
| | 4 | 2 | 9 | 6 | 6 | 5 | 5 | 5 | 5 | 4 | 4 | 3 | 8 | 6 | 6 | 8 | 1 | 7 | 5 | 4 | 5 | 5 | 5 | 4 | 2 |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 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 | |
| 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 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Parathyroid Gland | + | + | M | + | + | + | M | + | + | + | + | + | M | M | + | + | M | + | + | + | + | + | + | + | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + |
| Ectopic Thymus | | | | | X | | | | | | | | | | | | | | | | | | | | |

GENERAL BODY SYSTEM

| | |
|---------------------------|---|
| Tissue NOS | + |
| Mediastinum, Abscess | 4 |
| Mediastinum, Foreign Body | X |

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland
Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 3 | |
| Ovary
Cyst | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 2 |
| Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | | | 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: 07/22/2009
 Time Report Requested: 11:48:12
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 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 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 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 |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Edema | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Polymorphonuclear | | | | | 2 | | | | | | | | | | | | | 2 | | | | | | | |
| Endometrium, Hyperplasia, Cystic Lumen, Dilatation | | 2 | | | 1 | | | | | | | 2 | 1 | | 1 | | | 1 | | | | 2 | | 2 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vagina | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | M | + | + | + | + | |

females
(cont...)

HEMATOPOIETIC SYSTEM

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

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

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

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

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------------------|
| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 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 | 3 | 8 | 0 | 0 | 5 | 6 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 4 | 2 | 9 | 6 | 6 | 5 | 5 | 5 | 5 | 4 | 4 | 3 | 8 | 6 | 6 | 8 | 1 | 7 | 5 | 4 | 5 | 5 | 5 | 4 | 2 | |
| 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 |
| | 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 | 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 | females |
| 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 | (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
 Page 42

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

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

Date Report Requested: 07/22/2009
 Time Report Requested: 11:48:12
 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 | 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 | | |

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

C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE
AZT 120 9 mo F

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 | | | | | | | | | | | | | | | | | | | | | | | | |
| 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
 2) Mild 4) Marked

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

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

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

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DAY ON TEST | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | 0 | 3 | 3 | 3 | 3 |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 8 | 0 | 0 | 5 | 6 | 3 | 3 | 3 | 3 |
| | | 4 | 2 | 9 | 6 | 6 | 5 | 5 | 5 | 5 | 4 | 4 | 3 | 8 | 6 | 6 | 8 | 1 | 7 | 5 | 4 | 5 | 5 | 5 | 4 |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 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 |
| ANIMAL ID | | 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 | 7 | |
| Urinary Bladder
Infiltration Cellular, Lymphocyte | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | 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: 07/22/2009
 Time Report Requested: 11:48:12
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | 0 | 0 |
|------------------------------------|---|-----------------|
| | 3 | 2 |
| | 3 | 9 |
| | 2 | 2 |
| <hr/> | | |
| 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 45

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

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

| DAY ON TEST | | | |
|------------------------------------|---|---|-----------------|
| | 0 | 0 | |
| | 3 | 2 | |
| | 3 | 9 | |
| | 2 | 2 | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 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)

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

Date Report Requested: 07/22/2009
 Time Report Requested: 11:48:12
 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 | | |
| MICE FEMALE | 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 47

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

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

| DAY ON TEST | | | |
|--|---|---|-----------------|
| | 0 | 0 | |
| | 3 | 2 | |
| | 3 | 9 | |
| | 2 | 2 | |
| | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 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
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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

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

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

| DAY ON TEST | 0 | 0 | 3 | 2 | 3 | 9 | 2 | 2 |
|------------------------------------|---|---|---|---|---|---|---|-----------------|
| C3B6F1-+/TRP53(TM1BRD) NCTR | 0 | 0 | 0 | 0 | 5 | 6 | 5 | 7 |
| MICE FEMALE | 0 | 0 | 5 | 6 | 5 | 7 | 5 | 4 |
| AZT 120 9 mo F | | | | | | | | |
| | | | | | | | | * 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 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: 07/22/2009
 Time Report Requested: 11:48:12
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

| DAY ON TEST | 0 | 0 | 3 | 2 | 3 | 9 | 2 | 2 |
|------------------------------------|---|---|---|---|---|---|---|-----------------|
| <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 50

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

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

| DAY ON TEST | | 0 | 0 | |
|--|-----------|---|---|-----------------|
| | | 3 | 2 | |
| | | 3 | 9 | |
| | | 2 | 2 | |
| | | | | |
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE FEMALE | | 0 | 0 | |
| | | 0 | 0 | |
| | | 5 | 6 | |
| | ANIMAL ID | 5 | 7 | |
| AZT 120 9 mo F | | 5 | 4 | * TOTALS |
| | | | | |
| Urinary Bladder | | + | + | 26 |
| Infiltration Cellular, Lymphocyte | | | | 1 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 51

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked