

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

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

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

C Number: C20310C
Lock Date: 12/01/2008
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include 612 Vehicle 6 mo F Include 615 AZT 120 6 mo F
Study Gender: Female
TDMSE Version: 2.1.0

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

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

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

females
(cont...)

ALIMENTARY SYSTEM

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

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DAY ON TEST	26-39 WEEKS																							
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
4	3	3	2	2	2	3	3	3	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	
5	0	0	8	6	4	1	0	0	9	8	8	6	5	5	9	0	1	0	0	9	9	6	6	
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	
	7	1	1	1	1	2	3	3	3	3	3	4	5	5	5	5	6	6	7	7	8	8	8	
Vehicle 6 mo F	3	4	5	6	7	2	5	6	7	8	9	9	0	1	2	3	6	8	4	5	6	1	2	

females (cont...)

Salivary Glands
 Infiltration Cellular, Lymphocyte

+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	1							1	1	1	1	1	2	1	1		1		1	1		1	1

Stomach, Forestomach

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

Stomach, Glandular

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

CARDIOVASCULAR SYSTEM

Blood Vessel

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

Heart
 Cardiomyopathy
 Pericardium, Inflammation, Chronic

+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
																				1			
																				3			

ENDOCRINE SYSTEM

Adrenal Cortex
 Accessory Adrenal Cortical Nodule
 Vacuolization Cytoplasmic
 Subcapsular, Hyperplasia

+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
																						X	
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Adrenal Medulla

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

Islets, Pancreatic

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

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

females
(cont...)

Parathyroid Gland
 Infiltration Cellular, Lymphocyte

+ + + + + + + + + + + + + + M + + + + + + + M M
 1

Pituitary Gland

+ +

Thyroid Gland
 Cyst
 Infiltration Cellular, Lymphocyte

+
 2
 2

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland

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

Ovary

+ +

Uterus
 Endometrium, Hyperplasia, Cystic
 Lumen, Dilatation

+
 2
 2 1

Vagina

+ +

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

Lab: NCTR

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

females (cont...)

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Myeloid Cell, Hyperplasia | | | | | | | | | | | | | | | | | | 3 | 2 | | | | 3 | + | |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mediastinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | 4 | | | | | 4 | | |
| Mediastinal, Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | 4 | | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia, Lymphoid | | 1 | | | | | | | | | | | | | | 2 | | | | | | | | 1 | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | M | + | + | + | |
| Hyperplasia, Lymphoid | | 1 | | | 2 | | 2 | | | | | | | | 1 | | 2 | 1 | | | | | | 2 | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Depletion Lymphoid | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | 4 | 4 | | | | 3 | | |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia, Lymphoid | | 2 | | 2 | | | | | | | | | | | | | | | | | | | 3 | | |
| Hyperplasia, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | 3 | | |
| Necrosis | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Adventitia, Inflammation, Chronic | | | | | | | | | | | | | | | | | | 4 | | | | | | | |
| Epithelial Cell, Hyperplasia | | | | | 1 | | | | | | | | | | | | | | | | | | | | |

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

females (cont...)

INTEGUMENTARY SYSTEM

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

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

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

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

ALIMENTARY SYSTEM

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

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

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

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

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

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

CARDIOVASCULAR SYSTEM

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

ENDOCRINE SYSTEM

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

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

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

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

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

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

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

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

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

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

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

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

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

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

HEMATOPOIETIC SYSTEM

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

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

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

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

INTEGUMENTARY SYSTEM

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

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

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

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 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
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 2) Mild 4) Marked

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

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

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

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

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

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

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

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

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

females
(cont...)

ALIMENTARY SYSTEM

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

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

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

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

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

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

ANIMAL ID
 females (cont...)

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

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Heart
Pericardium, Inflammation, Chronic Active
Pericardium, Mineralization | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 2 | 3 | + | + | + | + | + | + |

ENDOCRINE SYSTEM

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

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
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 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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

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

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

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

females (cont...)

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

GENERAL BODY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Tissue NOS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Abscess | | | | | | | | | | | | | | | | | | | | | | | | | | | |

GENITAL SYSTEM

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

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

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

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

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

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

females
(cont...)

HEMATOPOIETIC SYSTEM

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

INTEGUMENTARY SYSTEM

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

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

Page 17

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

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

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

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

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation, Chronic Active | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | |
| Mediastinum, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mediastinum, Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

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

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

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

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

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 6 mo F | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| ANIMAL ID | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 6 | 6 | 6 | 8 | 8 | 9 | 9 | 9 | 9 | 3 | 3 | 4 | 0 |
| | 1 | 4 | 5 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 8 | 9 | 0 | 4 | 7 | 6 | 7 | 1 | 2 | 7 | 8 | 7 | 8 | 0 | 2 | |

females
(cont...)

SPECIAL SENSES SYSTEM

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

URINARY SYSTEM

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

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 Page 19
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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

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

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

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

ALIMENTARY SYSTEM

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

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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: 11:47:55
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

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

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

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

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

CARDIOVASCULAR SYSTEM

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

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

ENDOCRINE SYSTEM

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

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

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

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

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

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

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

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

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

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

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

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

HEMATOPOIETIC SYSTEM

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

INTEGUMENTARY SYSTEM

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

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 23

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

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

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

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

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

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

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

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

SPECIAL SENSES SYSTEM

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

URINARY SYSTEM

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

*** 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

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1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked